

LAFAYETTE RADIO ELECTRONICS

1961 CATALOG 610

OUR 40TH YEAR

For Science & Technology

LAFAYETTE RADIO

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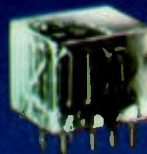
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A NEW WORLD of SOUND...



Model LA-250A 50 WATT

99.50
COMPARABLE
VALUE
189.50

The Lafayette "Stereo 250" 50 WATT INTEGRATED STEREO AMPLIFIER

- ★ Full Range Of Controls And Inputs
- ★ New, Handsome Styling
- ★ Two 25 Watt channels—50 Watt Monophonic
- ★ Response 15 to 40,000 Cycles

Lafayette's newest and most impressive stereo amplifier—the Model LA-250A. Simplicity, versatility and handsome styling have been integrated by careful engineering in this moderately priced unit. It is a fine stereo preamplifier and 50 watt stereo amplifier combined, with all the necessary controls and inputs required to provide the utmost in listening pleasure in any stereo situation. And, because of its flexibility, you are also assured of the finest reproduction of monophonic sources—your built-in protection for your investment in monophonic records. Whether you use it as a stereo amplifier delivering 25 watts per channel or as a powerful 50 watt monophonic amplifier, you can be sure of true high fidelity reproduction—with no hum, noise or distortion to mar your pleasure. Check the features . . . compare . . . see why the LA-250A is worthy of a place in your high fidelity system.

DELUXE FEATURES

Separation Control—A new stereo control which provides continuously variable channel separation—from full monophonic to full stereo. Lets you select the amount of separation you want.

Clutch-Operated Volume Balance Control—Gives you a choice of independent or simultaneous control of both channels.

4 Independent Tone Controls—Independent Bass and Treble adjustment for each channel. Concentric mounting for convenience—inner knob controls one channel, outer knob the other channel.

Mode Switching—Two slide switches provide Normal Stereo-Reverse Channel-Mon A (Channel A reproduced through both channels)—Mon B (Channel B reproduced through both channels).

Input Selector—4-position switch lets you select instantly any one of your connected monophonic or stereo sources—special non-shorting arrangement on one position permits recording and playback using a permanently connected tape recorder.

Loudness Switch—Provides the frequency response changes required by the ear at low listening levels and permits the Volume-Balance control to function as a compensated loudness control.

Phase Switch—Reverses the phase of one channel electrically—corrects for speakers connected out of phase or for reversed phase recordings sometimes found commercially.

3 Pairs of High Level Inputs—For connection of Crystal or Ceramic phono, Tuner, and auxiliary equipment.

2 Pairs of Low Level Inputs—For connection of magnetic phono and Tape Head.

Main Speaker Outputs—Dual 4, 8 and 16 ohm terminals may be paralleled for 4 or 8 ohm operation at 50 watts.

Tape Output—Provides an output for Tape recording—unaffected by Volume and Tone settings.

Bridged Output—A monophonic blend of both channels which can be fed to a third single channel power amplifier and speaker for a greater sound spread in stereo.

Dramatic New Styling—Attractive beige vinyl laminated steel cabinet. Handsomely designed 3 color brass etched front panel. Sienna brown molded legs and matching knobs with polished brass inserts.

ADVANCED AUDIO CIRCUITRY

- DC applied to all preamplifier and tone control tubes for hum-free operation
- Correct RIAA equalization on phono inputs
- NARTB tape equalization on tape head inputs
- Individual bias and balance controls
- Hum balance control
- Excellent DC power supply regulation provided by silicon diodes
- Total of 9 Tubes, plus 3 silicon diodes—uses premium 6CW5/EL86 output tubes.

SPECIFICATIONS: POWER OUTPUT & DISTORTION: 50 watts—25 per channel ± 1 db at less than 1% Total Harmonic Distortion at 1 KC. Less than 0.25% Total Harmonic Distortion at 1 KC at normal listening level (1 watt); less than 0.5% IM distortion at normal listening level. **FREQUENCY RESPONSE:** 15-40,000 cps ± 0.5 db at normal listening level. **HUM & NOISE:** 70 db below rated output at max. volume (high level inputs). **SENSITIVITY:** For full output high level inputs 0.5V; Mag. Phono 3.5 MV at 1 KC. **CHANNEL SEPARATION:** Greater than 55 db at 1 KC; greater than 45 db from 20-20,000 cps. **IMPEDANCE:** 4, 8 and 16 ohms per channel. **POWER:** 200 watts: 110-125V AC 50-60 cycles. Dimensions with legs and knobs, 14 $\frac{1}{2}$ " w x 12 $\frac{1}{4}$ " d x 5 $\frac{1}{2}$ " h. Shpg. Wt., 26 lbs.

LA-250AWX—50 Watt Stereo Amplifier Net 99.50

ENGINEERED FOR
SUPREMACY BY

**LAFAYETTE
RADIO**

THE DYNAMIC BRILLIANCE of STEREO!

Guaranteed Best Stereo System Buy

**A NEW COMPLETE STEREO SYSTEM BASED
ON THE SUPERB LA-250A**
brehtaking performance at a price only LAFAYETTE can offer.



LAFAYETTE LA-250A
50-WATT STEREO AMPLIFIER



GARRARD RC210



PICKERING 380C
CARTRIDGE



SHURE M7D
CARTRIDGE



LAFAYETTE SK-58
FREE EDGE 12" COAXIAL SPEAKERS

MATCHED COMPONENTS

LAFAYETTE LA-250A 50-WATT STEREO AMPLIFIER	99.50
GARRARD RC210 4-SPEED RECORD CHANGER	44.50
PICKERING 380C DIAMOND STEREO CARTRIDGE	29.85
LAFAYETTE WOOD CHANGER BASE	3.95
2 LAFAYETTE SK-58 FAMOUS FREE EDGE 12" COAXIAL SPEAKERS @ 29.50 EACH	59.00

YOU SAVE

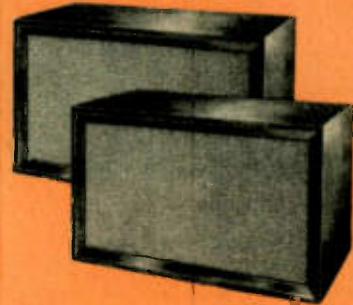
42.30

Only 5.00 Down

Regular Catalog Price ~~236.80~~

194.50

(OPTIONAL) LAFAYETTE ELIPTOFLEX SERIES
BOOKSHELF ENCLOSURES



Add a new dimension of music with all the excitement and realism of a live concert. The new Lafayette LA-250A 50-watt stereo amplifier forms the heart of this outstanding stereo hi-fi music system — the features, versatility and advanced circuitry of this unit are second to none. A unique blend control allows continuously variable channel separation from full monaural to full stereo. Also included is the famous Garrard RC 210 intermix 4-speed automatic record changer with manual or automatic operation, supplied with your choice of stereo cartridges—the new Pickering 380C (.7 Mil) diamond stereo cartridge or the Shure M7D (.7 Mil) diamond stereo cartridge. The Lafayette wood base, cut for the RC 210, is supplied in your choice of finishes.

These outstanding components are coupled with the famous free-edge Lafayette SK-58 12" coaxial speakers with built-in cross-over networks and brilliance level controls. System supplied with plugs, cables and easy-to-follow instructions. Shpg. wt., 67 lbs.

HI-FI STEREO PHONO SYSTEM with choice of Pickering 380C or Shure M7D cartridge and mahogany, walnut or blonde changer base (please specify).

HS-103WX	5.00 Down	Net 194.50
Same as HS-103WX, plus 2 Lafayette Eliptoflex Series Bookshelf Enclosures finished on 4 sides (specify finish). Shpg. wt., 143 lbs.		
HS-104WX	10.00 Down	Net 257.50
Same as HS-103WX except speakers furnished are the new Lafayette SK-180 10" 3-way speakers. Shpg. wt., 67 lbs.		
HS-105WX	5.00 Down	Net 198.50
Same as HS-105WX, plus 2 Lafayette Eliptoflex Series Bookshelf Enclosures (specify finish). Shpg. wt., 143 lbs.		
HS-106WX	10.00 Down	Net 261.50
STEREO AM-FM PHONO SYSTEM. Same as HS-103WX plus Lafayette LT-50 FM-AM stereo tuner. Shpg. wt., 85 lbs.		
HS-107WX	10.00 Down	Net 309.50

CHOICE OF RECORD CHANGER • You may substitute the Garrard RC88/11 changer at an additional cost of \$15.00.



SELECT YOUR OWN CARTRIDGE • You may substitute the Audio Empire 108 Cartridge at an additional cost of \$3.50, or the Shure M30 for an additional \$12.00.

LAFAYETTE ELECTRONICS

to Engineers, Laboratories, Industry

SCIENCE and TECHNOLOGY

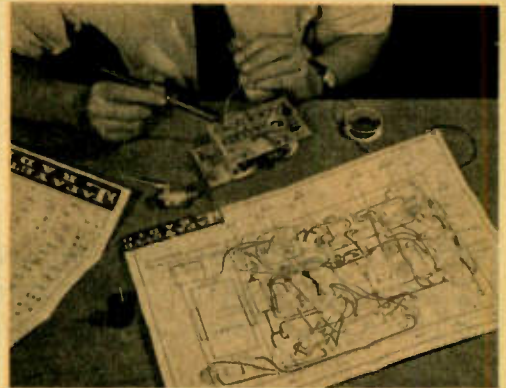


**COMPLETE
MERCHANDISE SELECTION**

If it's electronics, you'll probably find it in the Lafayette catalog. Lafayette's tremendous warehouses contain thousands of items to fill your every need—components, transformers, tubes, capacitors, resistors, hard-to-get electronic parts, scientific instruments, etc., etc. . . . also unique items you'll see for the first time. Buy them singly . . . buy them by the carload—no order too small or too large.

**THE FINEST THROUGH RESEARCH
. . . ENGINEERED BY LAFAYETTE**

Here at Lafayette the miracles of tomorrow become the everyday of today. Through the efforts of Lafayette's Research and Development Department, new and better equipment is constantly being developed to serve you better. When you buy a Lafayette high-fidelity component or scientific instrument, audio kit or telescope, you know that you are getting the finest . . . at the lowest cost.



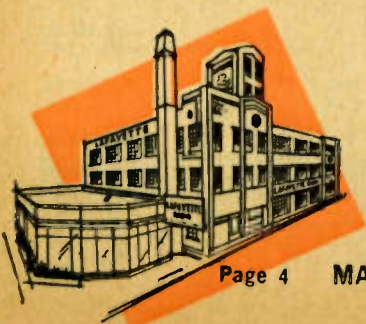
**LAFAYETTE SHOWS THE WAY FOR
MEN WHO LIKE TO CREATE**

The man who likes to create and build looks to Lafayette . . . the leader and oldest supplier to the do-it-yourselfer. Lafayette specializes in easy-to-build kits of every nature—hi-fi, stereo, experimenter, electronic, etc. When completely assembled you have a unit comparable to higher-priced models at amazing savings. That's why since 1921, the man who seeks exciting conquests has been calling on Lafayette Electronics.



24-HOUR SERVICE

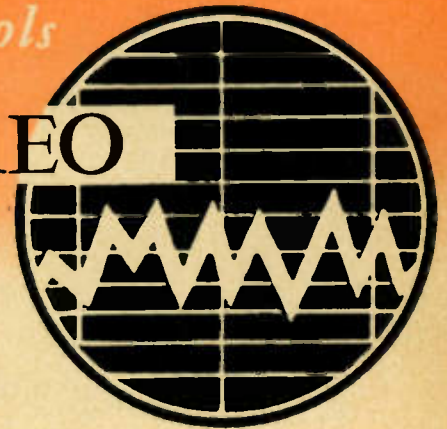
Quick, courteous service is your daily guarantee at Lafayette. The Lafayette salesman you see behind the counter attends to your requests carefully and cooperatively. The man in the warehouse who personally checks your mail order has every modern device to speed picking, packing and shipping. Most orders are fully processed within 24 hours after receipt in our Mail Order Division. Lafayette keeps you in mind at all times.



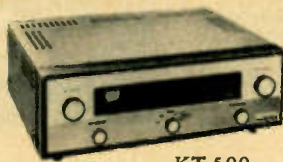
40 YEARS of SERVICE

Audiophiles, Hobbyists and Schools

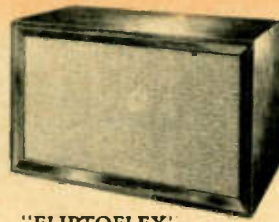
HIGH FIDELITY STEREO



KT-600



KT-500



"ELIPTOFLEX"

"LET YOUR EARS BE THE JUDGE"

The best "independent testing laboratory" in the world is your home, because it represents the actual conditions under which you listen to your hi-fi system.

The best instruments to judge sound quality are your ears, because sound is a very personal thing.

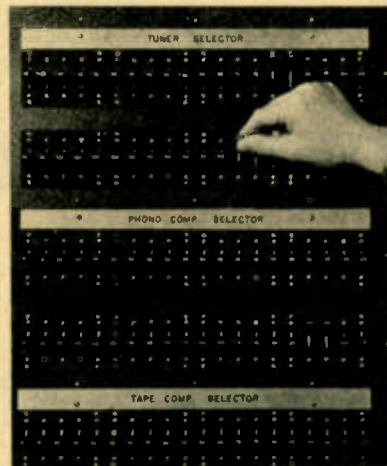
So if you read the so-called "Best Buy Reports," remember they do not consider your desires, your ears, your home and your pocket book.

We at Lafayette are conscious of all these factors and invite you to use Lafayette's Listen-At-Home Guarantee with the famous 15-DAY FREE HOME TRIAL, described on this page.



LISTEN . . . COMPARE

The Lafayette Sound Studios are set up solely to help you select the components you like best. The master control panel, into which dozens of different components are wired, enables you to carefully and accurately match those components which will form your system. Visit a Lafayette Sound Studio and select your system 'in action.'



**SATISFACTION GUARANTEED
OR MONEY REFUNDED**

Whether you buy a single transistor or a complete high fidelity system, you must be completely satisfied. Lafayette wants you to try your purchase at home for 15 days, and if you decide to return it within that time for any reason, the full purchase price will be refunded to you, less only the transportation charges. That's how sure we are that you'll be satisfied with Lafayette.

15-DAY FREE HOME TRIAL

WRITE FOR LAFAYETTE'S SPECIAL SYSTEM-PLAN PRICES

Select a high-fidelity music system made up of components of your choice, and Lafayette will give you a "special price." A music system must consist of one of each of the following:

1. AMPLIFIER
2. SPEAKER
3. MUSIC SOURCE

record changer, turntable, tuner or tape deck.

a complete receiver (combination tuner & amplifier) may be ordered in place of separate amplifier and tuner.

Nationally-known components are generously discounted (Federal Law prohibits discounts on Fair Trade Items). Lafayette's own components are priced below components of comparable quality — these low prices always offer large savings, and therefore cannot be further discounted. There are systems in the catalog, consisting of only Lafayette components, available at a special price. Choose any system and get the best price at Lafayette.

Write to our Audio Division specifying the models and components you want — no charge or obligation.

The LAFAYETTE STEREO 235

Uncompromising Quality!



35 Watt Stereo Amplifier
17½ Watts Per Channel

SUPER VALUE!
\$ **69.50** Comparable Value ~~109.50~~
Only 5.00 Down

SUPERIOR IN CONCEPT, DESIGN AND PERFORMANCE

The Lafayette LA-235 represents the highest standards of stereophonic amplifier design. Engineered to deliver the finest performance under all conditions with complete versatility... this instrument may be used as a dual 17½ watt stereo amplifier or as a single monophonic 35 watt amplifier. Every outstanding feature has been provided—an exclusive blend control has been incorporated, providing continuously variable channel separation from full monophonic to full stereo, thus insuring the correct degree of stereo separation for individual listening tastes and room acoustics. Concentric clutch-operated volume—balance controls provide individual or simultaneous level control for both channels. Bass and treble are adjusted by means of separate dual-concentric controls for independent tonal control of each channel. Function switch provides Aux, Tape (high level) Tuner and Phono. Simple slide switches are furnished for Power on-off, Phase Reverse and Channel Reverse.

SPECIFICATIONS

35 watts-17½ watts per channel ± 1 db. Institute of High Fidelity Manufacturers Rating (70 watts peak) Harmonic Distortion: Less than 1% at rated output; IM Distortion: Less than 2%. Frequency Response: 20 to 20,000 cps ± 1 DB (at normal listening level); Tone Control Range: Treble ± 10db at 10kc; Bass ± 10db at 50 cps. Sensitivity: For full power-High level inputs 0.5v, Mag. phono 4mv. at 1 kc. Hum and Noise: Volume control at max. -High level inputs 65 db below rated output. Mag. phono 55db below rated output. Channel Separation: Greater than 40 db. Total 10 inputs: 2 Aux, 2 Tape (high level) 2 Tuner 2 Mag. Phono 2 Crystal Phono; Total 4 outputs: 2 Tape Out, AC convenience outlet located on rear. Dual 8 and 16 ohms speaker outputs. Total of 9 tubes consisting of 4-EL84 2-7199, 2-12AX7 and 1-6Z34. For 117 volts 50/50cps. AC. Attractively styled in a rich brown vinyl cage with brass plated escutcheon and ivory and gold knobs. Dimensions: 14Wx4½Hx9"D. Cover and legs may be removed for panel mounting Shpg. wt., 22 lbs.

LA-235WX 5.00 Down Net 69.50

OUTSTANDING FEATURES

- Frequency Response 20-20,000 cps ± 1DB
- Dual Concentric Separate Bass and Treble Controls
- Clutch-Operated Volume-Balance Controls
- Variable Blend Control Eliminates Exaggerated Channel Separation

**HARMONIC DISTORTION LESS THAN 1%
AT RATED OUTPUT**
IM DISTORTION LESS THAN 2%

LAFAYETTE COMPLETE STEREO PHONO SYSTEM



Lafayette SK-128

Garrard RC-210

Lafayette LA-235

COMPONENTS

- LAFAYETTE LA-235 35-WATT STEREO AMP (HIB) 69.50
- GARRARD RC 210 4-SPEED RECORD CHANGER 44.50
- NEW PICKERING 380C DIAMOND STEREO CARTRIDGE 29.95
- WOOD BASE PICK RC210 (SPECIFY FINISH) 3.95
- 2-LAFAYETTE SK-128 FULL RANGE 8" BIXIAL SPEAKERS 59.00

Regular Catalog Price ~~187.70~~

MATCHED COMPONENTS

153.50 5.00 Down

Complete stereo phono system as listed above, with choice of the Pickering 380C or Shure M7D stereo cartridges. Shpg. wt., 46 lbs.

- HS-200WX 5.00 Down Net 153.50
- Same as HS-200WX, with the addition of 2-Lafayette "Mini-Duct" Bookshelf Enclosures (Specify Enclosure Finish) Shpg. wt., 92 lbs.
- HS-201WX 5.00 Down Net 193.50
- Same as HS-200WX, but with 2-Lafayette Famous SK-58 Free Edge 12" 2-way speakers. Shpg. wt., 58 lbs.
- HS-202WX 5.00 Down Net 172.50
- Same as HS-202WX, with the addition of 2-Eliptoflex Bookshelf Enclosures (Specify Enclosure Finish) Shpg. wt., 106 lbs.
- HS-203WX 10.00 Down Net 241.50

Choice of Pickering 380C or Shure M7D Stereo Cartridge

SK-58 12" Coaxial Speaker

ALTERNATES
Eliptoflex Enclosures.

OPTIONAL ENCLOSURES
Mini-Duct Enclosures



• SELECT YOUR OWN CARTRIDGE • You may choose the Pickering 380C or Shure M7D with any system on this page at no additional cost. The Audio Empire 108 may be substituted for an additional 3.50 or the Shure M3D at an additional cost of 12.00

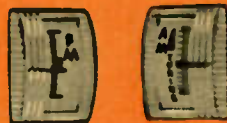
**AMAZING
VALUES!**

Lafayette

**FM-AM
STEREO TUNER**



WEAK SIGNAL—STRONG SIGNAL
... Lafayette's separate, precision twin-tuning meters for FM and AM insure pin-point tuning accuracy every time



TRULY A TRIUMPH OF ENGINEERING SKILL

MODEL LT-77

... Simplicity, flexibility and superb styling have been carefully integrated in this quality instrument. Offering tremendous versatility, the LT-77 will receive the new simultaneous FM-AM stereophonic broadcasts or, since the FM and AM sections are completely independent, the tuner may also be employed for FM or AM reception separately. Designed with the future in mind... a multiplex output has been included for the new stereo FM. Each unit has been hand wired and individually laboratory tested.

Controls provide for every tuner function. On-off power switch; Separate AM/FM flywheel tuning; Individual AM/FM volume controls; Choice of AM, FM, FMAFC or stereo reception. FM circuitry features Armstrong grounded grid low noise front end and triode mixer coupled with tuned dual limiters, Foster-Seeley discriminator with AFC and AFC defeat. FM Sensitivity of 1.5 uv for 20 db quieting insures long range reception. Superhet AM circuit with 3 stages AVC and ferrite loopstick antenna. Individual 3-gang tuning condenser and tuned RF stages for both AM & FM sections. Selectivity: FM 200 KC band width; 6 db down, AM 8 KC BW; 6 db down. Frequency Response: FM 20-20,000 cps $\pm 1/2$ db, AM 20-5,000 cps ± 3 db; Harmonic Distortion under 1% on FM; under 1% on AM for up to 80% modulation, Hum Level—60 db, Image Rejection: FM, better than 40 db AM 70 db. I.F. Rejection: FM 70 db, AM 50 db Radiation meets FCC requirements. Tubes: 2-6AQ8, 4-6BA6, 2-6AU6, 1 each 6BE6, 6AL5 and 6X4 plus diode detector. Antenna Input; 300 ohms.

Superbly styled low silhouette enclosure finished in gold and white with easy to read black dial face. Complete with cage and legs; Dimensions: 14 1/2" W x 4 1/2" H x 10 3/4" D. Legs add 3/4" to height. Shpg. wt., 16 lbs.

LT 77 AM-FM STEREO TUNER 5.00 Down NET 74.50

74⁵⁰

**COMPARABLE
VALUE 139⁵⁰**

- 14 TUBE PERFORMANCE — 10 TUBES (2-DUAL PURPOSE + RECTIFIER + DIODE & 2-TUNING METERS) • ARMSTRONG CIRCUIT WITH DUAL TUNED LIMITERS AND FOSTER—SEELEY DISCRIMINATOR • FM AFC AND AFC DEFEAT • EXTREME SENSITIVITY AND WIDE FREQUENCY RESPONSE • TUNED GROUNDED GRID R.F. STAGE ON AM & FM • MULTIPLEX OUTPUT • FLY WHEEL TUNING • AM FEATURES BROADBAND TUNED I.F. STAGE • 2—3 GANG CONDENSERS
- INDIVIDUAL VOLUME-BALANCE CONTROLS FOR AM & FM

LAFAYETTE FM TUNER



- ARMSTRONG CIRCUIT FOSTER-SEELEY DISCRIMINATOR AND DUAL TUNED LIMITERS • AFC
- AFC DEFEAT • EXTREMELY SENSITIVE—1.5 UV FOR 20 DB QUIETING • 10-TUBE PERFORMANCE—8 TUBES (2-DUAL PURPOSE) • 20-20,000 CYCLES $\pm 1/2$ DB • SUPERB LOW SILHOUETTE STYLING
- 3 GANG TUNING CONDENSER • TUNED GROUNDED GRID RF STAGE • MULTIPLEX OUTPUT

49⁵⁰

**COMPARABLE
VALUE 89⁵⁰**

Remarkable... Quality, performance and styling that is in every respect the equal and in many instances superior to tuners priced far above the modest cost of this instrument. The same sensitive FM circuit employed in the LT-77 AM-FM Stereo Tuner (Specifications as listed above) has been incorporated in the LT-80... designed and constructed of the finest components, with jewel like precision (each unit is hand wired) in order to insure that each tuner will maintain its excellence year after year with a minimum of maintenance. Making every attempt to anticipate the requirements of the future, Lafayette designers have included a multiplex output for the new stereo F.M. broadcasts. Controls consist of On-Off; FM; FM AFC and FM MEX. Flywheel action tuning control provides velvet-smooth tuning action. Tube complement consists of 2-6AQ8, 2-6BA6, 2-6AU6, 1 each 6AL5 and 6X4. Handsome low silhouette enclosure will do justice to any decor. Beautifully finished in gold and white with contrasting black dial face. Complete with cage and legs. Dimensions: 11 3/8" W x 8" D x 4 1/4" H. Legs add 3/4" to height. Shpg. wt., 11 lbs.

LT 80 FM STEREO TUNER 2.00 Down NET 49.50



Pin-point tuning accuracy
Is provided by this precision tuning meter; evaluates relative strength of the incoming signal... invaluable when tuning weak stations.

ALL LAFAYETTE HI-FI COMPONENTS INCLUDE CASE AT NO EXTRA COST

Page 7

New! LAFAYETTE LA-55 15 WATT MONAURAL AMPLIFIER



39.50

COMPARABLE
VALUE
~~69.50~~

ONLY 2.00 DOWN

The Most Extraordinary Hi-Fi Value Ever Offered

- Frequency Response: 15-30,000 CPS • Power Output 15 Watts • Sensitivity: 3 MV Mag. Phono • Hum 65 Db Below Rated Output
- Harmonic Distortion Less Than .3% • 5 Input Channels • Rumble Filter • EL84 Output Tubes in Push-Pull • Beautifully Styled

Outstanding Performance and Engineering + Beautiful Styling + Unbeatable Price—add up to make the Lafayette LA-55 truly the finest HI-FI monaural amplifier value today . . . Beautifully styled in gold and white, the LA-55 easily adapts to any room decor. Perfect for that music system in your living room, finished basement, store or office. Ruggedly constructed, this fully integrated amplifier-preamplifier employs premium quality EL84 tubes in push-pull and advanced circuitry for faithful reproduction of all monophonic sources . . . perfect for use as a second amplifier for stereo or for starting out monophonically and adding stereo at a later date. Engineered to include every practical feature making a worthwhile contribution to hi-fi reproduction . . .

SPECIFICATIONS: Power Output 15 watts Institute of High Fidelity Manufacturers Rating (30 watts peak). Frequency Re-

sponse 15-30,000 cps \pm 1 db (at normal listening level); Sensitivity: For full power, High level inputs 0.5v. Mag. phono 3 mv. Hum and Noise: Volume control at max. High level inputs 65 db below rated output. Mag-Phono 55 db below rated output; Harmonic Distortion less than .3%. Inputs: Total 5—Aux, Tuner, Mag. Phono, Crystal Phono, Tape Head. Outputs: Tape Out, 4, 8 and 16 ohm speaker terminals; Tubes: Total of 5 plus rectifier—2-EL84, 1-6BL8, 1-6AV6, 1-12AX7, and 1-6CA4/WZ81. Controls: Monitor/On-Off; Volume/Power On-Off; Bass; Treble; Rumble Filter. Hum balance control. Selector: 4-position, Aux, Tuner, Phono, Tape Head. Complete with removable case and legs. AC receptacle on rear of chassis. Dimensions: 13 $\frac{1}{4}$ Wx4Hx8 $\frac{3}{4}$ "D. Knobs extend $\frac{3}{4}$ " in front of panel. Shpg. wt., 20 lbs.

LA-55WX 2.00 Down Net 39.50

LAFAYETTE SUPER-VALUE HIGH-FIDELITY PHONO SYSTEM

PLAY STEREO & MONAURAL RECORDS MONAURALLY, NOW — ADD COMPLETE STEREO LATER. This economical high-fidelity system is the performance value of the year. Designed for ruggedness as well as beauty, these components will satisfy even the most critical music listener.

COMPONENTS

LAFAYETTE LA-55 15 WATT COMPLETE AMPLIFIER	39.50
NEW PICKERING MODEL 380C (.7 MIL) DIAMOND CARTRIDGE FOR STEREO AND MONAURAL RECORDS	29.85
GARRARD RC210 4-SPEED RECORD CHANGER	44.50
WOOD BASE FOR RC210 (Specify mahogany, blonde or walnut)	4.85
LAFAYETTE SK-128 FULL RANGE 8" BIAxIAL SPEAKER	19.50
<i>Regular Catalog Price</i> 138.20	

LAFAYETTE SYSTEM PRICE **108.50** YOU SAVE 29.70

Complete monaural system as above with choice of Pickering Model 380C Cartridge or Shure M7D Cartridge. Specify cartridge choice. Shpg. wt., 39 lbs.	HS-300WX	5.00 Down	Net 108.50
Same system as HS-300WX, with the addition of Lafayette's Amazing "Mini-Duct" Bookshelf Enclosure (Specify Finish). Shpg. wt., 62 lbs.	HS-301WX	5.00 Down	Net 128.85
Same system as HS-300WX, but with famous Lafayette SK-58 free-edge 12" 2-way speaker. Shpg. wt., 45 lbs.	HS-302WX	5.00 Down	Net 118.85
Same system as HS-302WX, with the addition of the revolutionary "Eliptoflex" Bookshelf Enclosure (Specify Finish). Shpg. wt., 69 lbs.	HS-303WX	5.00 Down	Net 153.85
Same system as HS-300WX, with the addition of the Lafayette LT-80 FM Tuner. Shpg. wt., 56 lbs.	HS-304WX	5.00 Down	Net 158.00
Same system as HS-302WX, with the addition of the Lafayette LT-80 FM Tuner. Shpg. wt., 80 lbs.	HS-305WX	5.00 Down	Net 168.00



LAFAYETTE LA-55

GARRARD RC210



WOOD BASE



SK-128 8" BIAxIAL SPEAKER



CHOICE OF CARTRIDGE



LAFAYETTE LT-80



PICKERING 380C



SHURE M7D

**PROFESSIONAL FM LABORATORY
STANDARD PERFORMANCE**

Budget Kit Price **54.50**

Save Over 50% ... Build It Yourself

ONLY 5.00 DOWN

Now From Lafayette ...

THE REMARKABLE KT-650 FM TUNER KIT

- Low Noise Front End With Triode Grounded Grid Amplifier and Triode Mixer
- Double Tuned Dual Limiters and Foster Seeley Discriminator
- Sensitivity 3 μ v For 30 db of Quieting
- Variable AFC Literally "Lock In" Stations
- Frequency Response $\pm 1/2$ db 15-35,000 cps
- Multiplex Output For Stereo FM
- Easy-To-Build Printed Circuits
- Electronic Bar Tuning Indicator Tube
- Pre-Aligned IF and Discriminator Coils
- 3 Gang Tuning Condenser

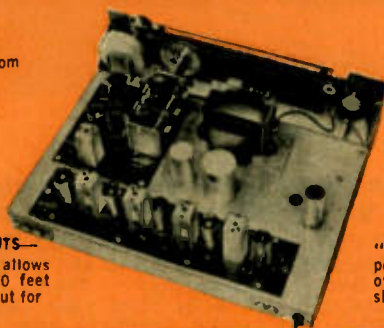


• Virtually Distortionless Performance — Less than .15% Distortion at 100% Modulation.

STAND OUT FEATURES OF THE KT-650

EASY FLYWHEEL TUNING—

Smooth, effortless tuning from one station to another.



FRONT PANEL LEVEL CONTROL—

Provides precise control of your tuner output level.

VARIABLE AFC—

"Locks in" the station for positive drift free reception of both weak and strong signals.

MULTIPLEX AND MAIN OUTPUTS—

Plate follower main output allows connection of tuner up to 50 feet from amplifier. Multiplex output for future FM stereo.

Lafayette proudly presents the KT-650 FM Tuner Kit. This is a remarkable instrument—the product of an extensive research and engineering program, designed to produce a no compromise FM Tuner Kit capable of achieving the highest Laboratory Standards. The KT-650 ranks with the very finest FM Tuners ... Lafayette engineers have succeeded in developing an instrument with performance and flexibility that equals and surpasses factory-wired or kit tuners many times its modest cost.

The KT-650 incorporates every desirable FM Tuner feature. A Multiplex jack at the rear of the tuner provides for addition of a Multiplex Adapter for future FM Stereo Reception. (Multiplex FM is still in the development stage). Flywheel weighted tuning enables effortless station-to-station tuning. Pinpoint tuning accuracy is assured by a special electronic bar tuning indicator tube that indicates maximum closure at the point of best tuning. A variable AFC (Automatic Frequency Control) is featured. Once properly tuned, the AFC literally "locks in" the station and is adjustable for tuning weak stations adjacent to strong stations. The convenient front panel Tuner Level Control allows precise adjustment of the Tuner output level.

Superb circuitry features a low noise front end with triode mixer plus double tuned dual limiters and wide band Foster Seeley discriminator. Sensitivity of the KT-650 is such that in many areas the only antenna needed will be a short piece of wire, except of course in remote locations. Plate follower outputs permit using the tuner up to 50 feet from the amplifier. Lafayette Kit Research makes doing-it-yourself a pleasure. Time-saving printed circuit boards are utilized to make wiring errors almost nonexistent. Alignment is a critical factor that directly affects the quality of reception in FM Tuners. The KT-650 is provided with IF and discriminator coils that have been carefully factory prealigned — permits you to play the tuner as soon as assembly is completed.

More than just mere electronics, the KT-650 is a tuner you'll be proud to display. The superbly styled low silhouette enclosure will do justice to any decor. Beige cover is set off by a Cream and Sienna Brown etched panel and knobs with contrasting Black Dial Face. Complete with cage and legs. Overall Dimensions: 14x5 1/2x11" D. For 117V, 50-60 cycle AC. Power consumption 40 watts. Shpg. wt., 13 1/2 lbs.

KT-650 FM Tuner Kit 5.00 Down Net 54.50

COMPARE THESE SPECIFICATIONS:

Sensitivity: 3 microvolts for 30 db of quieting. Usable Sensitivity: 6 microvolts (latest IHFM Tuner standards. Image Rejection: 66 db. AM Suppression: 48 db. Discriminator Linearity 600 kc. Distortion and Noise: Better than 57 db below 1.5 volts at 100% modulation. Frequency Response: $\pm 1/2$ db from 15 to 35,000 cps with a standard 75 microsecond de-emphasis network. Audio Output: 1.75 volts at 75 KC deviation (100% modulation). Antenna Input: 300 ohm. Controls: Tuning; Level; AFC Control and Power Switch. Outputs: (2) Multiplex Adapter; Amplifier. Tube Complement: ECC85, 6BK7B, 6AL5, 2-7543, 2-6BA6, 6AV6, EM84 Electronic Bar Tuning Indicator Tube and a silicon diode rectifier.

COMPLETE WITH THESE LAFAYETTE KIT EXTRAS

Attractive Low Silhouette Enclosure — Adds protection and beauty to your tuner — an additional charge with most manufacturers, included with the KT-650.



Alignment Tools — Included to help keep your KT-650 at peak performance.

Interconnecting Cables & Plugs

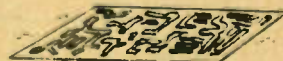


Indoor Folded Dipole Antenna — In most locations this is the only antenna the KT-650 requires.



LAFAYETTE KIT RESEARCH MAKES KIT BUILDING A SNAP

1



Printed Circuit Boards — Most of wiring is done for you — keeps errors down to an absolute minimum and insures top performance.

2



Pre-aligned RF and Discriminator Coils — Permits you to play the KT-650 as soon as assembly is completed — no need for costly Lab equipment.

3



Lafayette Instruction Manuals — Contain detailed step-by-step instructions. Full scale pictorials show where every wire and component goes — the KT-650 does not require technical skill to assemble.

4



Highest Quality Components — Continuous quality control and laboratory testing is your assurance of flawless performance.

LAFAYETTE

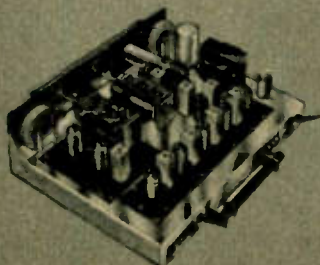
presents

THE MOST FLEXIBLE TUNER EVER DESIGNED!



KT-500A
74.50
 IN KIT FORM

LT-50A
124.50
 COMPLETELY WIRED
 AND TESTED



THIS STEREO TUNER IS YEARS AHEAD!

Use it as a Stereophonic FM - AM Tuner • Use it as separate Monaural FM & AM Tuners • Use it as straight Monaural FM or AM Tuner

• MULTIPLEX OUTPUT FOR NEW STEREO FM • TWO PRINTED CIRCUIT BOARDS AND IF'S PREALIGNED • FM AFC AND AFC DEFEAT • 17 TUBE PERFORMANCE—11 Tubes (4 dual-purpose) + Tuning Eye & Selenium Rectifier • ARMSTRONG CIRCUIT WITH DUAL LIMITERS AND FOSTER-SEELEY DISCRIMINATOR • 12 TUNED CIRCUITS AND DUAL CATHODE FOLLOWER OUTPUTS • EXTREME SENSITIVITY AND WIDE FREQUENCY RESPONSE

Over a year of research, planning and engineering went into the design of this superb Stereophonic Tuner. Designed against obsolescence, it incorporates every practical and worthwhile feature necessary for all present and future types of broadcasting. The KT-500A will receive simultaneous FM and AM stereo broadcasts or since the two sections are completely independent it may be utilized for normal FM or AM reception. The Tuner also provides an output for the new multiplex FM stereophonic reception.

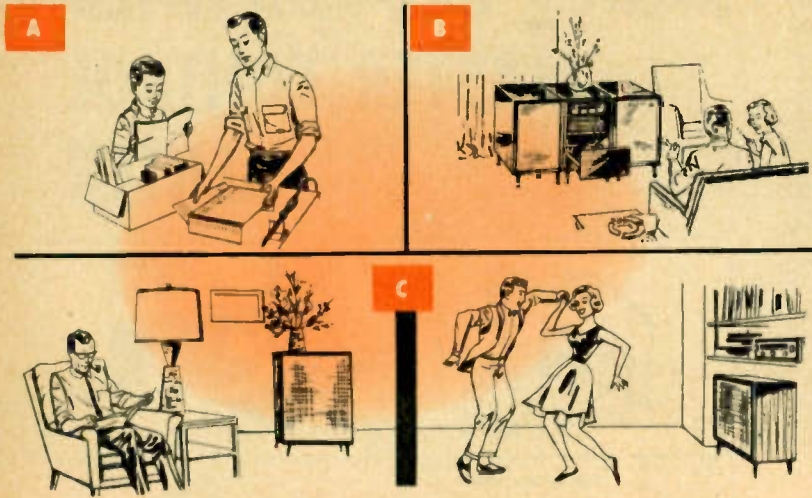
Apart from its unique flexibility, the KT-500A offers noise-free, drift-free, distortion-free performance the equal and in many instances superior to the highest priced tuners. It has been engineered without compromise of any kind—only the finest component parts have been employed. Each FM & AM section is tuned with its own 3-gang tuning capacitor and is provided with individual cathode follower outputs. This means that long output cables can be used to connect tuner to amplifier or control center without fear of high frequency loss. Also, separate volume controls are provided for each channel so that when used for stereophonic reception, a proper balance between channels can be achieved. Convenient front panel switch changes from stereo to monaural use. Simplified accurate knife-edge tuning is provided by magic eye which operates independently on FM and AM. Automatic frequency control "locks in" FM signal permanently. Ferrite rod antenna with loading ring is supplied to bring in weak AM stations for quality reproduction.

Designed for easy assembly, the kit is built around two printed circuit boards and prealigned. IF's insuring fast accurate construction even for the beginner. Beautifully styled, the KT-500A employs a cream and brushed brass front panel plus matching brown knobs with copper inserts set in a beige finished vinyl enclosure.

MODEL KT-500AWX Stereo Tuner Kit 5.00 down Net 74.50
 LT-50AWX Same as above, completely wired and tested 5.00 down Net 124.50

The Lafayette Stereo-Tuner is
UNIQUE and INCOMPARABLE

KT-500A



- A** Famous Lafayette step-by-step instruction manuals insure easy accurate assembly.
- B** Receive your favorite FM or AM monaural broadcasts.
- C** Use as a FM-AM Stereophonic Tuner for simulcast stereo reception.
Use as two individual tuners—listen to AM in one room and FM in another.

SPECIFICATIONS

FM CIRCUIT: Armstrong, low noise front end with triode grounded grid amplifier and triode mixer. Double tuned dual limiters, Foster-Seeley discriminator, AFC and AFC defeat. **AM CIRCUIT:** Superhet with 3 stages AVC, 10kc whistle filter, ferrite antenna. **DISTORTION:** Under 1% harmonic on FM; under 1% on AM for up to 80% modulation. **HUM LEVEL:** 60 db below 100% modulation. **SENSITIVITY:** FM—full limiting on signals as low as 1 uv, 2 μ v for 30 db quieting; AM Terminal Sensitivity 5 uv. **SELECTIVITY:** FM 200kc bandwidth; 6 db down, AM 8kc BW; 6 db down. **FREQUENCY RESPONSE:** FM 20-20,000 cps \pm 1/2 db, AM 20-5,000 \pm 3 db. **IMAGE REJECTION:** FM 40 db; AM 30 db. **I. F. REJECTION:** FM 70 db, AM 50 db. **CONTROLS:** 5 controls; FM VOL, AM VOL, FM Tuning, AM Tuning, and five position function selector switch. **TUBES:** 3-6BA6, 2-6AU6, 1 each 6BK7B, ECC85, 6AL5, 6BE6, 12AU7 and 6U5 tuning eye. Selenium rectifier. **OUTPUT IMPEDANCE:** Low Impedances cathode follower. Output jacks for FM, AM or Stereo. **ANTENNA INPUT:** 300 ohms. Size 13 3/4" W x 10 3/8" D x 4 1/2" H. Shpg. wt., 18 lbs. Kit comes complete with all parts and metal cover, a step-by-step instruction manual, schematic and pictorial diagrams.

TRIED, TESTED, APPROVED and ACCLAIMED by ENGINEERS, MAGAZINES, KIT BUILDERS!

"Instructions superb. As an electronics advisor on the staff of one of the Bell system companies, I find this an excellent unit, comparable to units at three times the price."

B. Spring
Portland, Oregon

"I am enjoying my KT-500 more and more each day. It works beautifully and meets, if not exceeds, all your specifications. A friend of mine, after seeing and hearing my KT-500, has decided to order one for his Hi-Fi unit."

Charles Bell
St. Louis, Mo.

"I thoroughly enjoyed building this kit. It proved to be worthy of all my expectations. I am very pleased with its performance. Keep up the good work!"

John Kinney
Santa Monica, Calif.

"Instructions good ... the kit's tops."

Dominic Grande
Cambridge, Mass.

"Instructions were very good. Performance is wonderful. Best all around design ..."

S. B. Heberlig
Glendora, New Jersey

"Instructions and diagrams were very good. AM is tremendous, very good tuner."

F. Hathaway
Pompey, New York

"... this kit is excellent all the way around. It would be difficult to improve upon."

Robert Meier
Washington, D.C.

Comments from the CRITICS and TECHNICAL PRESS!

hi-fi music
AT HOME

"The assurance of success lies in the excellent design of this tuner, the thoughtful manner in which it was planned for assembly from a kit of parts, the use of RF and IF printed-circuit boards of the FM sections, and the very complete illustrations and Instructions. You will have reason to be proud and pleased with the results."

July-Aug. 1958

Radio-Electronics

"The KT-500 tuner has a number of interesting construction and design features not usually found in moderately priced tuner construction kits."

Oct., 1958

audiocraft
HI-FI

"... low distortion on the FM channel and excellent sensitivity of the tuner as a whole combines with simplicity of construction to make the KT-500 a pleasure to build and use."

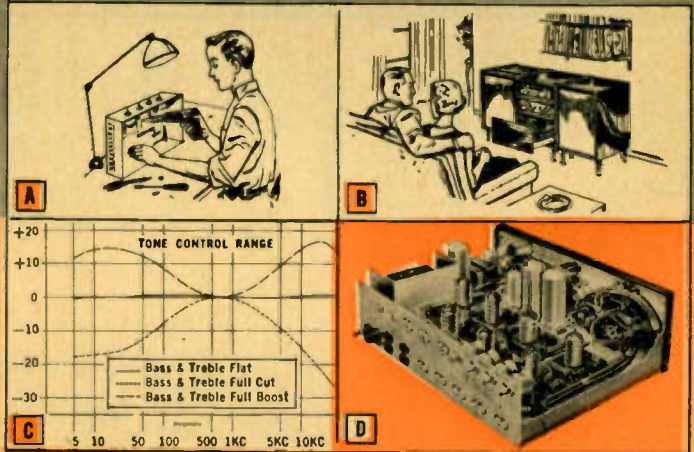
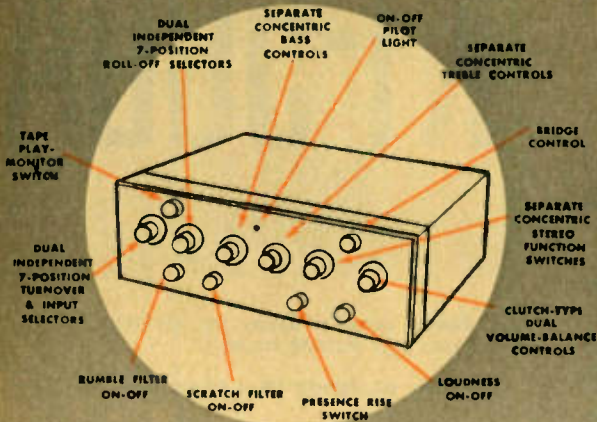
July, 1958

LAFAYETTE KITS PROVIDE TOP PERFORMANCE AT FAR LOWER PRICES

Page 11

With All The Versatility Of A
Broadcast Studio Control Console

LAFAYETTE PROFESSIONAL STEREO PRE-AMPLIFIER MASTER CONTROL CENTER



- A** Amazing Ease of Assembly—Lafayette's famous step-by-step pictorial instructions make kit building a pleasure.
- B** Superb Styling—Whether you build it in or use it on a bookshelf, the KT-600A is an attractive asset to any decor.
- C** Proof of Performance—Equals and surpasses the costliest professional equipment.
- D** Highest Quality Components—Costly deposited metal film resistors and 5% mica capacitors insure long life and peak performance.

SPECIFICATIONS

FREQUENCY RESPONSE: 5-40,000 cps \pm 1 db. **DISTORTION:** Less than 0.05% 1M at 2 volts out; Less than 0.1% Harmonic, at 2 volts out. **SENSITIVITY:** Low level 2.2 mv for 1 volt out; high level 94 mv for 1 volt out; Tape Head inputs 1.8 mv for 1 volt out. **HUM AND NOISE:** High level inputs better than 80 db below 2.0 volts; low level inputs better than 62 db below 2.0 volts. **INPUT IMPEDANCES:** High level—250K ohms; Mag—96K ohms; Ceramic—96K ohms in series with 68 uuf; Tape Head—470K ohms. **OUTPUT IMPEDANCES:** Main Outputs—1500 ohms; Tape Outputs—2700 ohms; Bridged Output—1100 ohms. **TONE CONTROL RANGE:** Bass \pm 15 db at 30 cps; Treble \pm 15 db at 10 Kc. **RUMBLE FILTER:** 12 db/octave slope, down 15 db at 30 cps. **SCRATCH FILTER:** 12 db/octave slope, down 15 db at 15 Kc. **CROSSTALK:** Greater than 55 db separation between channels. **AUXILIARY AC OUTLETS:** 4, 1 unswitched. **TUBES:** 7-7025, 2-Selenium Rectifiers. **POWER REQUIREMENTS:** 35 Watts, 105-125 volts AC, 50/60 cycles. **SIZE:** 14" Wx4 1/4" H x11 1/2" D, not including projections. Shpg. wt., 16 lbs.

TRIED, TESTED, APPROVED and ACCLAIMED by MANY ENGINEERS, MAGAZINES, STEREOPHILES, KIT BUILDERS!

"As an Electrical Engineer by profession, my sincere admiration goes to the engineers who performed the background work in developing the layout and assembly instructions for this kit assembly."
H. C. Pendergast
Boise, Idaho

"Everything excellent!"
Carl Jensen
Randolph, Mass.

"The KT-600 is simply wonderful."
Felipe Reyes
New York, New York

"I wish to commend the staff who designed this kit. I think it is one of the best planned, best organized kits I have ever seen."
Robert Fitz
Columbus, Ohio

"... one of the finest stereo preamps available... I congratulate you on the fine achievement..."
Bill Mitchell
Santa Rosa, Calif.

"It was a real pleasure putting the KT-600 together. Your etched circuit board set-up is finest I have seen."
I. E. Ricketts
Glendale, Calif.

Comments from the CRITICS and TECHNICAL PRESS!

AUDIO

"This is a skillfully engineered unit incorporating almost every mono and stereo function of value that has yet appeared."

May, 1959

high fidelity

THE MAGAZINE FOR MUSIC LISTENERS

"The Lafayette KT-600 is unquestionably one of the most flexible stereo control units available today. Its flexibility is complemented by overall performance comparable to manufactured units selling for far more than its modest price. For all practical purposes may be considered a distortionless device."

Oct., 1959

ELECTRONICS WORLD

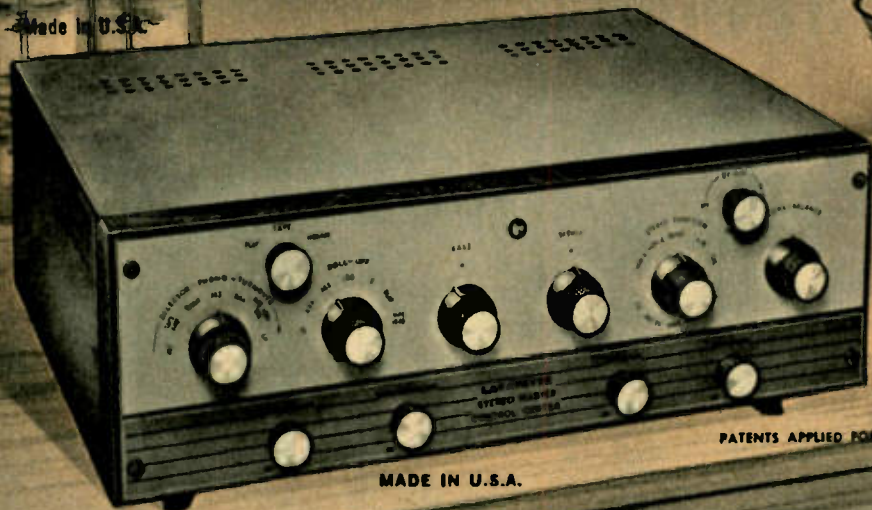
"It incorporates just about all the features one could hope to find on a single chassis."

May, 1959

AN ELECTRONIC ACHIEVEMENT
A Magnificent Musical Instrument!

KT-600A

Made in U.S.A.



PATENTS APPLIED FOR ON BRIDGE AND NULL BALANCE CIRCUITRY.

MADE IN U.S.A.

THE KT-600A SOLVES EVERY STEREO MONAURAL PROBLEM

**MODEL
 KT-600A**
 IN EASY-TO-BUILD
 KIT FORM

79.50

5.00 Down

LA-600A
 COMPLETELY WIRED
 AND TESTED

134.50

5.00 Down

• RESPONSE 5-40,000 CPS \pm 1 DB • TAPE HEAD PLAYBACK EQUALIZATION FOR NEW 4-TRACK STEREO • LOW LEVEL SENSITIVITY 2.2 MILLIVOLTS FOR 1 VOLT OUT • HIGH LEVEL SENSITIVITY 94 MILLIVOLTS FOR 1 VOLT • SWITCHED 12DB/OCTAVE RUMBLE & SCRATCH FILTERS • LESS THAN .03% IM DISTORTION • DUAL TAPE MONITOR JACKS & SWITCH FOR RECORD & PLAYBACK • DUAL INPUTS FOR STEREO/MONAURAL CERAMIC, CRYSTAL OR CAPACITIVE PICKUPS WITH FULL USE OF EQUALIZATION SELECTORS • SIGNAL-TO-NOISE BETTER THAN -80 DB AT HIGH LEVEL & -62 DB AT LOW LEVEL INPUTS FOR 2 VOLTS OUT • "PRESENCE" SWITCH SOLO PROJECTION • BASIC CONTROLS ALL CONCENTRIC • "PLATE FOLLOWER" OUTPUTS FOR LOW IMPEDANCE WITH LOWEST DISTORTION • 7-TYPE 7025 LOW-NOISE DUAL TRIODES • 4-AUXILIARY AC OUTLETS

The KT-600A represents one of the most brilliant audio achievements since the advent of stereo. This "no compromise" stereo preamplifier and control unit offers unlimited versatility... Includes every feature necessary for the finest reproduction. Already in use professionally, the KT-600A has been overwhelmingly acclaimed by those who own it as the finest stereo preamplifier available—at any price! It has a total of 12 input jacks (6 stereo pairs) for program sources of any type and any level—all of which may be selected by a front panel control. Separate Turnover and Roll-Off switches provide 24 positions of correct equalization—independently adjustable on each channel.

A dual concentric Stereo Function selector provides extreme flexibility in the control of your selected program sources—there is practically no mode of operation which cannot be provided by these two switches. A unique Bridge Control provides continuously variable channel separation from full monaural to full stereo, or it can optionally be used to regulate the 3rd channel output. A clutch-operated Volume Balance control provides independent or simultaneous level adjustment of channels. Additionally, this control may be used to balance channels by means of an audible "null"—far more accurate than meters! Low impedance cathode follower outputs are provided for connection to two basic amplifiers (or stereo amplifier) and in addition to the 3rd channel output, there are two tape output jacks for recording purposes. Other features include: 4 dual concentric input level controls; Presence Rise switch; Individual Bass and Treble controls for each channel; Rumble Filter; Scratch Filter; Loudness switch; Tape Play-Monitor switch.

KT-600AWX Stereo Preamplifier Kit 5.00 down...Net 79.50
 LA-600AWX Stereo Preamplifier, wired and tested 5.00 down...Net 134.50

A "Futurama" OF DESIGN FEATURES

- PRECISION "NULL" STEREO CALIBRATION & BALANCING
- 4 CONCENTRIC REAR-PANEL INPUT LEVEL CONTROLS
- 180° PHASE REVERSAL
- 24 SEPARATE EQUALIZATIONS ON EACH CHANNEL
- 6 CONCENTRIC FRONT-PANEL CONTROLS
- THIRD CHANNEL CONTROLLED OUTPUT
- PARALLELED OR SINGLE CHANNEL AMPLIFIER DRIVE WITH MONAURAL SOURCES
- CHANNEL REVERSAL WITH OR WITHOUT PHASE REVERSAL
- CONTROLLED CROSS-CHANNEL SIGNAL MIXING
- MONAURAL RECORDING OR PLAY WITH STEREO SOURCES
- SWITCHED FLETCHER-MUNSON LOUDNESS CONTOUR COMPENSATION
- CONTROLLED MONAURAL MIXING OF ALL INPUTS

USE LAFAYETTE'S EASY PAYMENT PLAN—SIMPLE, FAST AND CONFIDENTIAL

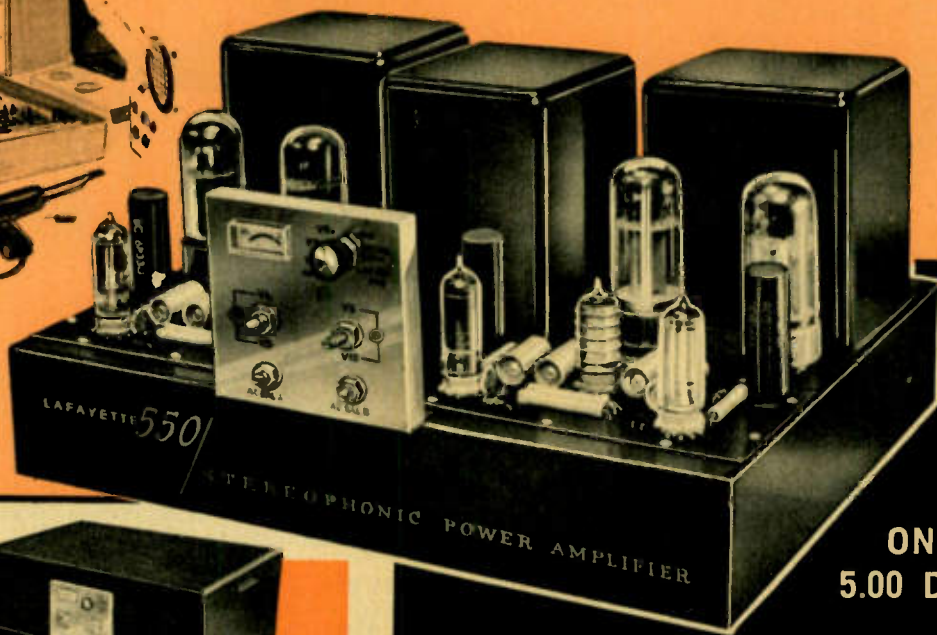
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From Lafayette Kit Research Laboratories

The KT-550 "NEW LABORATORY BASIC STEREO"



MADE IN U.S.A.



COMPLETE with ATTRACTIVE METAL ENCLOSURE



ONLY 5.00 DOWN

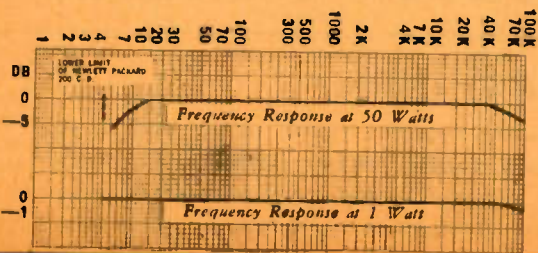
in Kit or Wired Form

Flawless Performance

- Conservatively Rated at 50-Watts Per Channel—100-Watts For Monophonic Use.
- Frequency Response From 2-100,000 cps. ± 0 , -1 db at 1-Watt
- Distortion Levels So Low They Are Unmeasurable
- Hum and Noise Better Than 90 db Below 50-Watts
- Multiple Feedback Loop Design (over 30 db) Lowers Distortion Without Sacrificing Stability
- Metered Calibration Control Panel With D.C. Bias and AC Balance Potentiometers
- Massive Grain Oriented Silicon Steel Transformers
- New High Power Sensitive 7027A Output Tubes
- Silicon Diode Power Supply
- Effortlessly Drives Today's Low Efficiency Speakers

COMPARE PERFORMANCE

These performance curves demonstrate the ability of the KT-550 to provide high power output with extremely flat response at both ends of the frequency spectrum—Furnishes phenomenal reproduction even at low listening levels and is perfect for today's low-efficiency speakers.



THE SEARCH FOR PERFECTION —The KT-550 represents high-fidelity engineering and design in its furthest state of advancement. In effect the KT-550 is a dream that has been engineered into reality. It has long been our contention at Lafayette that the quality of a home music system need be no different from that of a professional studio. Our guiding philosophy has been that of producing equipment that would meet these standards and yet be well within the reach of the music lover. Toward this end, Lafayette's Laboratories undertook an extensive research program resulting in the introduction of equipment in kit form that has come to be regarded as standards of excellence in high fidelity design. Most notable are the KT-500 Stereo Tuner and KT-600 Stereo Preamplifier — equipment hailed by both professionals and audiophiles alike, as the finest instruments of their type available. It is in this tradition that Lafayette introduces the KT-550 "Laboratory Standard" Dual 50-Watt Stereo Amplifier Kit — the finest instrument possible to design and produce regardless of price.

Brilliantly conceived, the KT-550 incorporates advanced engineering techniques along with new concepts in audio design to achieve an output of 50-watts per channel for stereo operation, or 100-watts combined output in monaural application. Laboratory and listening studies have shown that the performance characteristics of an amplifier in the non-audible frequency ranges, have a direct effect on the quality of sound in the audible frequency range. Amplifiers limiting their frequency response to slightly above and below the limits of audibility have a tendency toward strident reproduction, a poorly defined low end and an inferior differentiation of instruments in the high overtones. The sound reproducing capabilities of the KT-550 are far in excess of the audible range . . . $\pm 0 - 1$ db from 2 to 100,000 cps without evidence of ringing or instability.

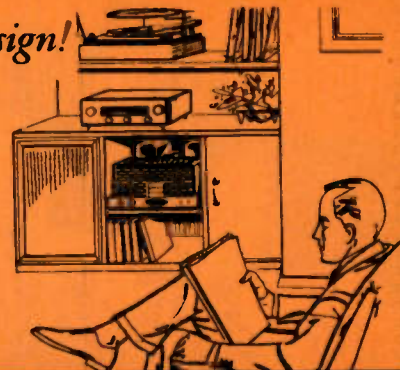
The conventional approach in amplifier design for lowering distortion has been the use of "single loop" feedback. In contrast the KT-550 utilizes a "multiple loop" design to increase the degree of feedback and thus achieve phenomenally low distortion and high stability, with an absolute absence of listening fatigue. The ratio of these "multiple loops" are adjusted to the relative degree of distortion produced. If one stage has twice the distortion of another, twice as much feedback is applied to it. This technique results in a 20/1 to 30/1 reduction in distortion as compared with a 10/1 to 20/1 reduction in conventionally designed units.

Every component part of the KT-550 was carefully chosen to complement its overall excellence. Special output transformers were designed to entirely utilize the broad

An Unprecedented Achievement In Stereo Amplifier Design!

STANDARD" DUAL 50-WATT AMPLIFIER KIT

"Guaranteed To Outperform Any Basic
Stereo Amplifier On The Market"



MODEL KT-550

134.50

IN EASY TO BUILD KIT FORM

MODEL LA-550

184.50

COMPLETELY WIRED AND TESTED

band circuitry — fully potted, massively designed and constructed with grain oriented silicon steel cores in 11 winding sections, as opposed to 5 or 7 sections in normal audio transformers. The use of these special output transformers with wide band high-frequency amplifier circuitry and multiple feedback loops provide a frequency response two octaves above and below the normal range of human hearing. Other features include telephone grade electrolytics, highest-quality capacitors plus costly Corning deposited metal film glass core resistors. The newly developed 7027A high power sensitivity output tubes are capable of delivering up to 70 watts, yet in the KT-550 to insure long life at lowest distortion levels, they are required to perform at only 50 watts. A well regulated power supply is provided by employing four Silicon Diode Rectifiers, an extremely low copper loss potted power transformer, choke and heavy duty electrolytics. To meet exacting professional specifications and insure optimum performance the KT-550 employs a metered calibration control panel consisting of four potentiometers, a function switch and a precision meter for bias and AC balance adjustments. The plate current of each 7027A output tube may be adjusted for proper balance and lowest distortion. In addition a 60 cycle test signal is provided for AC balance adjustments — thus optimum performance is assured even after aging of the output tubes. For easy access in furniture mounting and installation convenience, the calibration control panel is mounted on the front of the amplifier.

THE PROOF IS IN THE LISTENING — The technical achievements of the KT-550 are of course impressive. Musically, however, this is a superb instrument, one that will recreate with complete fidelity the whole range of musical values. Bass response is tight and solid with the overall response unbelievably realistic. The listening impression is one of being projected clear through the amplifier back to the orchestra. Since power output is high at the extreme ends of the frequency spectrum, the KT-550 is able to effortlessly drive today's low efficiency speakers at any power level.

Engineered for the kit builder, the KT-550 incorporates two printed circuit boards — virtually eliminates any possibility of error. Lafayette's famous step-by-step instruction manuals plus large pictorials provide ease of assembly even for the most technically inexperienced — assures performance equal to the original, custom-built laboratory model. Handsomely finished in contrasting brown and beige with control panel finished in brass. Complete with all components including attractive beige finish steel cover, with built-in handles. 9 3/4" H x 12 1/2" D. For 110-125V 50/60 cycle operation. Shpg. wt., 60 lbs.

KT 550WX 5.00 Down Net 134.50

Dual 50-watt stereo amplifier as above, wired and tested.
LA-550WX 5.00 Down Net 184.50

REMARKABLE LAFAYETTE KIT ENGINEERING

There is more to the KT-550 than meets the eye—completely new concepts and advanced techniques in audio design combined with the finest components provide a stereo amplifier in Kit form that not only meets, but surpasses the performance of the most costly units available.

1. Specially Designed Output Transformers — fully potted, massively constructed with grain oriented silicon steel cores in 11 winding sections.



2. Newly Developed 7027A Output Tubes — rated at 70-watts, these tubes perform conservatively at 50 watts in the KT-550. Low operating temperature with extremely high efficiency for long tube life.



3. Revolutionary Multiple Feedback Loop Circuitry — over 30db of feedback virtually eliminates distortion without sacrificing stability.



4. Metered Calibration Control Panel — complete range of basic amplifier controls for balance and bias adjustments.



5. Finest Components—Telephone grade electrolytics with costly Corning, deposited metal-film glass-core resistors.



6. Highest Quality Printed Circuit Boards — Most of wiring is done for you — errors are virtually non-existent and top performance is assured.



7. Famous Lafayette Instruction Manuals — detailed step-by-step instructions. Large pictorials show where every wire and component goes — technical skill or experience is not required to assemble the KT-550.



TECHNICAL SPECIFICATIONS

Power Output: 50-watts per channel continuous RMS from 20-20,000 cps; 100-watts monophonic operation. Total Harmonic Distortion: Less than 0.5% at 50 watts from 20-20,000 cps, less than 0.1% below 10-watts, from 20-20,000 cps. Intermodulation Distortion: Less than 0.5% at 50-watts equivalent sine wave power, 60 & 7,000 cps, 4:1 ratio. Less than 0.15% at 10-watts equivalent sine wave. Frequency Response: 14-45,000 cps, +0 -1 db at 50-watts; 2-100,000 cps, +0 -1 db at 1-watt. Sensitivity: 1.0 volt RMS input for 50-watts output. Damping Factor: 18 at 1 kc — 16 ohms. Feedback: Total of 30 db in six multiple loops. Hum and Noise: Better than 90 db below 50-watts. Output Impedance: 4, 8 and 16-ohms. Convenience Outlet: Single A.C. convenience outlet. Fuse: Externally accessible Fuse. Controls: 4 Bias Controls, 2 AC Balance Controls, Meter Selector Switch and Power On/Off Switch. Tube Complement: (Total of 15) 4-7027A, 4-6CL6, 2-6BR8A and 5 Silicon Diodes. Power Consumption: 350-watts.

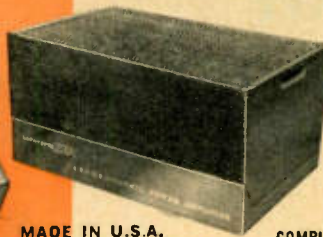
CHOOSE YOUR OWN MUSIC SYSTEM FEATURING LAFAYETTE QUALITY COMPONENTS

Page 15

THE NEW LAFAYETTE KT-270

DUAL 35-WATT

BASIC STEREO AMPLIFIER KIT



Performance
That Challenges
The Costliest
Factory Wired Units!

MADE IN U.S.A.

COMPLETE WITH ATTRACTIVE
STEEL ENCLOSURE

AVAILABLE
NOVEMBER 30, 1960

KT-270

In Easy-To-Build
Kit Form

89.50

LA-270

Completely Wired
and Tested

124.50

ONLY 10.00 DOWN

A STATEMENT OF QUALITY

Conceived and developed by Lafayette Research Laboratories, the KT-270 represents audio engineering in its furthest state of advancement. The precise engineering and use of only premium parts are assurance of the best possible performance and reliability. We firmly believe the KT-270 to be the finest basic stereo amplifier available in its class today.

SUPERB QUALITY

- Distortion So Low At Normal Listening Levels As To Be Unmeasurable
- Conservatively Rated At 70-Watts —35 Watts Each Channel
- Wide Frequency Response: 10-50,000 cps +0 -1db at 35 Watts
- Over 30db of Feedback In Multiple Loops For Low Distortion With Extreme Stability
- Specially Designed Grain Oriented Silicon Steel Transformers
- Well Regulated Silicon Diode Power Supply
- Hum and Noise —100db At Full Output
- Rugged Printed Circuitry
- Perfect For Use With Low Efficiency Speaker

NOW FROM LAFAYETTE KIT RESEARCH LABORATORIES —

the KT-270 Dual 35-Watt Stereo Amplifier. Conceived in the same tradition as the widely acclaimed Lafayette KT-600 Stereo Preamplifier and KT-500 FM-AM Stereo Tuner (acknowledged by professionals and audiophiles as the finest instruments of their type available). The design philosophy behind the KT-270 has been: "The Quality Of a Modern Home Music System Need Be No Different From That Of A Professional Studio." Engineered in Kit form so as to be well within the reach of every music lover, the KT-270 achieves a performance level previously associated with the costliest factory wired and professional studio equipment . . . indeed this instrument sets new standards of amplifier excellence for its class.

VIRTUALLY A DISTORTIONLESS DEVICE — The KT-270 is conservatively rated at 35-watts per channel and will deliver 70-watts in monaural application. Employing a standard 1000 cycle test signal and measured at full power output the only distortion present is that induced by the test equipment itself. This remarkable performance is achieved by use of the most advanced audio engineering techniques . . . Multiple Feedback Loop circuitry (30 db overall) coupled with massive, grain oriented silicon steel output transformers constructed in 11 winding sections (as opposed to 5 or 7 sections in normal audio transformers). High-gain, wide frequency response and low distortion is further assured by use of Dual-Triode Tubes in a special voltage amplifier circuit, developed to provide the high-gain characteristics of a pentode and low distortion of a triode. Total Harmonic Distortion at 35-watts is less than 0.1% at 1KC. Frequency Response at 35-watts is 10-50,000 cps. +0 -1db. Overload and recovery characteristics are outstanding, with exceptional stability at all power levels.

EVERY COMPONENT IS OF THE HIGHEST QUALITY and has been specially selected to operate well within its rated output. The new 7581 output tubes are capable of providing up to 55-watts, yet in the KT-270 are required to perform at only 35-watts maximum . . . further assurance of long life and low distortion. In addition, costly Corning deposited metal-film, glass-core resistors and highest-quality capacitors are utilized. The extremely well regulated power supply employs 4 Silicon Diode Rectifiers, a special low copper loss power transformer plus a heavy duty choke and telephone grade electrolytics. Six potentiometers, easily accessible on the chassis furnish precise Bias adjustments for each output tube plus AC Balance adjustments for each amplifier section.

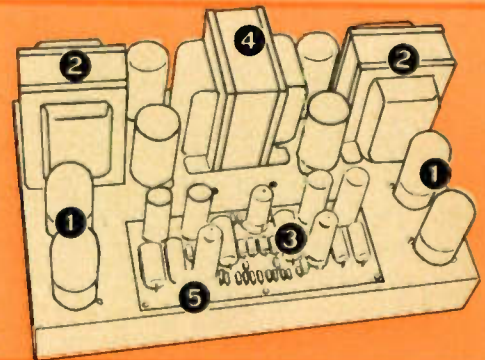
THIS IS A SUPERB MUSICAL INSTRUMENT — an amplifier that proves itself in the listening. The quality of performance is one of listening through the amplifier back to the original performance rather than to the amplifier itself. Reproduction can best be described as transparent with a tight, solid bass response. The KT-270 easily drives today's popular low efficiency speakers and performs effortlessly under the most exacting program sources.

DESIGNED FOR EASIEST ASSEMBLY, the KT-270 employs a printed circuit. Chance of error is virtually eliminated, since the major portion of the amplifier wiring is contained in the printed circuit. In addition the famous Lafayette detailed step-by-step instructions and large pictorial diagram insure fast, easy construction, even if you've never built before. Attractively finished in contrasting brown and beige and complete with enclosure. Size: 9½Dx15½Wx7"H. For 110-125V 50/60 cycle operation. Shpg. wt., 35 lbs.

KT-270WX	5.00 Down	Net 89.50
Dual 35-watt Basic Stereo Amplifier, wired and tested.		
LA-270WX	5.00 Down	Net 124.50

TECHNICAL SPECIFICATIONS

These Specifications Represent the MINIMUM Performance Capabilities of the KT-270.
Power Output: 35-watts per channel continuous RMS from 20-20,000 cps; 70-watts monophonic operation. Total Harmonic Distortion. Less than 0.5% at 35 watts from 30-20,000 cps; less than 1.0% from 20-20,000 cps at 35-watts. Intermodulation Distortion: Less than 0.5% at 35-watts equivalent sine wave power, 60 & 7,000 cps, 4:1 ratio. Frequency Response: 10-50,000 cps, +0, -1db at 35-watts; 5-100,000 cps, +0 -1db at 1-watt. Sensitivity: 1.5 volts RMS input for 35-watts output. Damping Factor, 18 at 1 KC on 16 ohms tap. Total of 30db in feedback multiple loops. Hum and Noise: 100 db below 35-watts. Output impedance 4, 8, & 16 ohms. Convenience Outlet: Single AC convenience outlet. Fuse: Externally accessible fuse. Controls: 4 Bias & 2 AC Balance Potentiometers easily accessible on chassis. Tube Complement: 2-12B27, 1-6CG7, 4-7581. Power Consumption 175 watts.



LAFAYETTE KIT DESIGN

Utmost Quality & Value — Easiest Construction

1. Four 7581 output tubes in push-pull rated at 55-watts they practically loaf at 35-watts. Cool operation, maximum tube life and high efficiency are assured.
2. Output transformers are massively constructed in 11 winding sections of grain oriented silicon steel. Most audio transformers employ only 5 or 7 winding sections.
3. The finest Corning, deposited metal-film, glass-core resistors and highest quality capacitors assure top performance for years to come.
4. Well regulated power supply utilizes heavy duty choke, telephone grade electrolytics and low copper loss power transformer.
5. Rugged printed circuit simplifies construction and further assures accurate assembly.



The OUTSTANDING "Stereo 250A" KIT



MADE IN U.S.A.

NO TECHNICAL SKILL REQUIRED

Designed for ease of construction, the KT-250A can be assembled in a minimum of time. Assembly manual contains detailed step-by-step instructions . . . guides you every step of the way. Large full-scale pictorials show you where every wire and component goes.

IN EASY-TO-BUILD KIT FORM

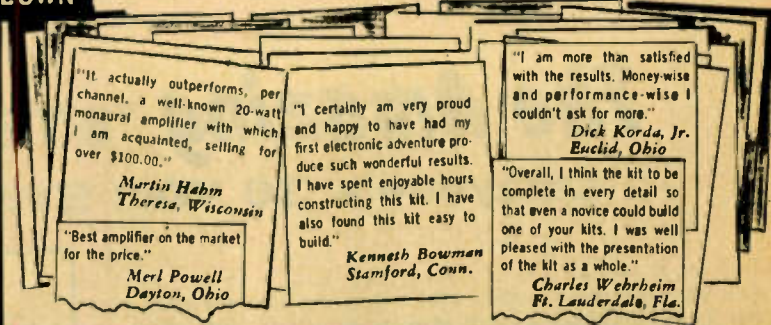
74.50

5.00 DOWN

ADVANCED AUDIO CIRCUITRY INCLUDES:

- DC applied to all preamplifier and tone control tube heaters for hum-free operation
- RIAA equalization on phono inputs
- NARTB tape equalization on tape head inputs
- Individual bias and balance controls
- Hum balance Control
- Excellent DC power supply regulation provided by silicon diodes
- Total of 9 tubes, plus 3 silicon diodes—uses premium 6CW5/EL86 output tubes.

COMMENTS ON THE 250A



SPECIFICATIONS

POWER OUTPUT: 50 watts (100 watts peak) 25 watts per channel ± 1 db. **DISTORTION:** Total Harmonic Distortion ± 1 db at less than 1% at 1KC at normal listening level (1 watt); I.M. Distortion less than 0.5% at normal listening level. **FREQUENCY RESPONSE:** 15-40,000 cps ± 0.5 db at normal listening level, 20-50,000 cps ± 1 db at rated output. **HUM & NOISE:** Zero volume hum 77 db below rated output; max volume hum high level inputs 70 db below rated output; Mag. phono inputs 50 db below rated output. **Sensitivity:** For full output high level inputs 0.5V; Mag. phono 3.5 MV at 1KC. **CHANNEL SEPARATION:** Greater than 55 db at 1KC; greater than 45 db from 20-20,000 cps. **SPEAKER AUXILIARY OUTLET:** 1 switched. **TUBE COMPLEMENT:** 4-6CW5/EL86, 2-7199, 3-12AX7, 3 Silicon diodes. **IMPEDANCE:** 4, 8 and 16 ohms per channel. **POWER:** 200 watts; 110-125V AC 50-60 cps.

MODEL KT-250AWX 5.00 Down..... Net 74.50

The new Lafayette KT-250A offers remarkable versatility, high quality of reproduction and new distinctive styling in one convenient low-cost unit. Designed and engineered for ease of assembly, the KT-250A is a fine stereo preamplifier and 50 watt stereo amplifier combined — with all the controls and features to enable you to enjoy the utmost in listening pleasure in any situation. Whether you use it as a stereo amplifier delivering 25 watts per channel or as a powerful 50 watt monophonic amplifier, you are assured of true high fidelity reproduction — free from hum, noise and distortion.

DELUXE FEATURES

Unique Separation Control—A new stereo control which provides continuously variable channel separation—from full monophonic to full stereo. Lets you select the amount of separation you want.

Clutch-Operated Volume Balance Control—Gives you a choice of independent or simultaneous control of both channels—you can use it as a master volume control without disturbing previously selected settings on each channel.

4 Independent Tone Controls—Independent Bass and Treble adjustment for each channel. Concentric mounting for convenience—inner knob controls one channel, outer the other channel.

Mode Switching—Two slide switches provide Normal Stereo—Reverse Channel—Mon A (Channel A reproduced through both channels)—Mon B (Channel B reproduced through both channels).

Input Selector—4-position switch lets you select instantly any one of your connected monophonic or stereo sources—special non-shorting arrangement on one position permits recording and playback using a permanently connected tape recorder.

Loudness Switch—Provides the frequency response changes required by the ear at low listening levels and permits the Volume-Balance control to function as a compensated loudness control.

Phase Switch—Reverses the phase of one channel electrically—corrects for speakers connected out of phase or for reversed phase recordings sometimes found commercially.

3 Pairs of High Level Inputs—For connection of Crystal or Ceramic phono. Tuner, and auxiliary equipment.

2 Pairs of High Level Inputs—For connection of magnetic phono and Tape Head.

Main Speaker Outputs—Dual 4, 8 and 16 ohm terminals may be paralleled for 4 or 8 ohm operation at 50 watts.

Tape Output—Provides an output for Tape recording—unaffected by Volume and Tone Controls.

Bridged Output—A monophonic blend of both channels which can be fed to a third single channel power amplifier and speaker for a greater sound spread in stereo. May also be used for listening in another room.

COMMENTS FROM HI-FI AND TECHNICAL PUBLICATIONS

"The KT-250A is distinctly the easiest and fastest to assemble. Point-to-point wiring is used and all capacitors, resistors, etc. are accessible for servicing. I was pleased to see that Lafayette continues to place importance in the Speaker Phasing switch, rather than hide it or ignore it. Also, the KT-250A has a Separation Control, a useful device to overcome exaggerated 'ping-pong' effects in stereo records and tapes."

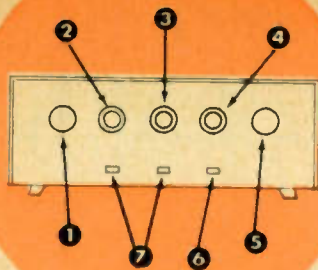
Hi-Fi/Stereo Review June 1960

"If you haven't yet 'gone stereo' — or if you're looking for a 'best buy' to replace your present stereo amplifier — the Lafayette KT-250A kit is a good bet."

Popular Electronics July 1960

LAFAYETTE KITS OFFER BEST QUALITY AT LOWEST COST

Page 17



DELUXE STEREO CONTROLS

- 1 3-position Selector switch
- 2 Dual concentric Bass control
- 3 Dual concentric Treble control
- 4 Concentric clutch-operated Volume control
- 5 Unique "Blend" control
- 6 Phase reverse switch
- 7 Mode switches

Easy to Build!

Anyone can build these superb Lafayette stereo kits—no special skill is needed. Assembly manuals contain clearly-worded step-by-step instructions which guide you all the way. Large full-scale pictorials illustrate every stage of assembly—show you exactly where every part goes. Join the thousands who have already discovered this easy low-cost way of owning the finest audio equipment.



MADE IN U.S.A.



59.50
ONLY 5.00 DOWN

The Amazing "STEREO 236" KIT

Lafayette's 36 Watt STEREO AMPLIFIER

A NEW LOW-COST STEREO AMPLIFIER ANYONE CAN BUILD

Fine wide-range stereo reproduction can be yours when you build this easily constructed 36 watt stereo amplifier (18 watts each channel). The KT-236A provides all the necessary inputs—lets you connect your stereo or monophonic sources permanently, with instant selection provided by the turn of a switch. Has built-in dual preamps for low level phono inputs—RIAA equalized for flat response. It includes a unique "Blend" control which provides continuously variable channel separation from full monophonic to full stereo—you select the exact degree of separation you want. Other features are: Concentric clutch-operated Volume control for independent or simultaneous level adjustment of both channels; Dual concentric Bass and Treble controls—give you 4 independent tonal adjustments; 3-position Selector Switch—Aux-Tuner-Phono; Mode (2 Slide Switches) provide Normal Stereo, Reverse channel, Mon A and Mon B; Phase switch—makes up for reversed-phase recordings sometimes found commercially and also corrects for speakers connected out of phase.

SPECIFICATIONS

POWER OUTPUT: 36 watts—18 watts per channel ± 1 db. Institute of High Fidelity Manufacturers Rating (72 watt peak). **FREQUENCY RESPONSE:** 15-30,000 cps ± 1 db at normal listening levels. **SENSITIVITY:** For full output; High level Inputs 0.5v; Mag. Phono 3 mv. **DISTORTION:** Harmonic, less than 0.15% at normal listening level; IM, less than .3%. **HUM AND NOISE:** (At full volume) High level Inputs 70 db below rated output; Mag. phono 53 db below rated output. **CHANNEL SEPARATION:** Better than 50 db. **SPEAKER OUTPUT IMPEDANCE:** 8 and 16 ohms. **INPUTS:** (Total 8) Dual Aux, dual Tuner, dual Crystal Phono, dual Mag. Phono. **OUTPUTS:** (Total 4) Dual main

speaker output, dual Tape Out jacks. **TUBE COMPLEMENT:** 4-EL84, 2-7199, 3-12AX7 plus 2 silicon diodes. Attractive beige vinyl laminated steel cabinet. Handsomely designed brass anodized aluminum front panel. Slenna brown molded legs, matching knobs with polished brass inserts. 14 $\frac{3}{8}$ wide x 11 $\frac{1}{2}$ deep x 5 $\frac{3}{8}$ high (with legs and knobs). Shpg. wt., 24 lbs.

MODEL KT-236AWX — 36 watt Integrated Stereo Amplifier Kit, complete with deluxe cabinet and legs, all necessary parts and detailed assembly manual.

5.00 Down Net 59.50

COMMENTS ON THE KT-236A

"Excellent instructions. You gave me a real bargain."

*Dr. Jack McKenty
Marshfield, Wis.*

"I am very proud of my first effort and satisfied with the KT-236 and its instructions."

*Stephen Melnick
Terryville, N. Y.*

"Instructions excellent and very complete. Very quiet with good quality and gain. This unit is a terrific value for the money—for the price I don't see how the unit can be improved. Excellent as is."

*T. E. Anderson
Darien, Conn.*

"The unit is proving to be superior to any unit in its price range."

*Sam Seales
Earlville, Tenn.*

"This is one of the best, if not the best, presentation I ever saw. The large scale sheets are wonderful. The KT-236 played well on first trial."

*Richard G. Monges
Tenafly, N. J.*

Magazine Comment on the KT-236A

ELECTRONICS ILLUSTRATED

"This is one of the easiest kits to put together. In fact the KT-236A manual is as near to fool-proof as we've seen. Another thing we like is the spacious layout of the chassis. There's plenty of room to work in."

"A flexible unit, the KT-236A offers just about every control needed to cope with today's stereophonic reproduction. A unique feature... is the "blend control." This provides continuously variable channel separation from full monophonic to full stereo, thereby permitting you to select just the right amount of separation to fit your particular room acoustics.

"I RATE THE KT-236A A GOOD BUY!"

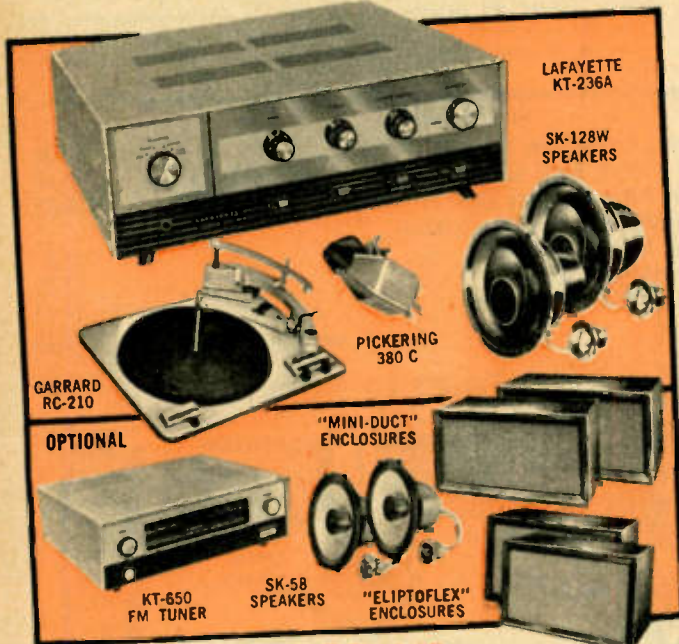
July 1960



"DO-IT-YOURSELF" and **SAVE** with LAFAYETTE HI-FI STEREO KIT SYSTEMS

MORE IN EVERY WAY! You save more—you get more when you build a Lafayette Stereo System Kit. Carefully selected and matched by experts each component has been completely evaluated by comparative laboratory and listening tests, in order to provide the utmost in flexibility, quality and value. Lafayette Kit Systems are priced at far less than you would

pay if you purchased the components separately and by assembling the amplifier yourself you are able to enjoy an amplifier the equal of costly factory-wired units. Building a Lafayette-Kit is easy, even if you've never built before. Lafayettes famous step-by-step assembly instructions with large easy-to-follow pictorials guide you all the way — make kit building a truly rewarding experience.



BUILD THIS 36-WATT STEREO SYSTEM KIT

ONLY

139.50

YOU SAVE 33.35
10.00 Down

COMPONENTS

Lafayette KT-236A 36-Watt Stereo Amplifier Kit	59.50
Garrard RC210 4-Speed Record Changer (Less Base)	44.50
Pickering 380C Diamond Needle Stereo Cartridge	29.85
2—Lafayette SK-128W 8" Ultra-Linear Duaxial Speakers @ 19.50	39.00
	172.85

- Heart of this excellent system is the easy-to-assemble KT-236 integrated stereo amplifier — A complete stereo control center plus two 18-watt amplifiers in one instrument. Advanced design features a complete array of controls and inputs.
- Lafayette SK-128 8" Duaxial Speakers provide multiple speaker performance with a full even coverage over the entire audible range.
- The famous Garrard RC210 4-Speed Record Changer is supplied with your choice of the Pickering 380C or Shure M7D Stereo Cartridges.

Complete stereo system as described above. Shpg. wt., 50 lbs. (Specify Cartridge).

HS-280WX	5.00 Down	Net 139.50
Same as HS-280WX plus 2 Lafayette CAB-47WX Mini-Duct Bookshelf Enclosures (Specify Finish). Shpg. wt., 93 lbs.		
HS-281WX	5.00 Down	Net 182.50
Same as HS-280WX, but with 2 Lafayette SK-58 12" Coaxial speakers instead of 2 SK-128 speakers. Shpg. wt., 61 lbs.		
HS-282WX	5.00 Down	Net 159.50
Same as HS-282WX, but with 2 Lafayette CK-14WX Elliptoflex Bookshelf Enclosures in Kit form. Shpg. wt., 109 lbs.		
HS-283WX	5.00 Down	Net 199.95
Same as HS-280WX, with the addition of the Lafayette KT-650 FM Tuner Kit. Shpg. wt., 64 lbs.		
HS-284WX	5.00 Down	Net 189.00

See Index For Record Changer Base

DELUXE 50-WATT DO-IT-YOURSELF STEREO KIT SYSTEM

ONLY

169.50

YOU SAVE 33.35
10.00 Down

COMPONENTS

Lafayette KT-250A 50-watt Stereo Amplifier Kit...	74.50
Garrard RC210 4-Speed Record Changer	44.50
Pickering 380C Diamond Needle Stereo Cartridge	29.85
2-Lafayette SK-58 12" Coaxial Speakers @ 29.50	59.00
	207.85

- The KT-250 represents the finest quality value in its class — provides everything you could want in a stereo amplifier. Two 25-watt amplifiers integrated with complete stereo control facilities. Provision to expand at a later date with stereo tape deck and/or stereo FM/AM tuner. Features include separate bass and treble controls for each channel and concentric clutch-operated control for individual or simultaneous level adjustment of each channel — The equal of the finest factory-assembled units and you save by building it yourself.
- Two famous Lafayette SK-58 12" Coaxial speakers with sheepskin free-edge cone and 3" cone tweeter provide superb reproduction without coloration or distortion.
- The Garrard RC 210 4-speed record changer designed for stereo is furnished with your choice of the Pickering 380C or Shure M7D Stereo Cartridges.

Complete systems as described above. (Specify Cartridge) Shpg. wt., 80 lbs.

HS-180WX	5.00 Down	Net 169.50
Same as HS-180WX plus two famous Lafayette CK-14WX Elliptoflex Bookshelf Enclosures in kit form. Shpg. wt., 128 lbs.		
HS-181WX	10.00 Down	Net 210.50
Same as HS-180WX, but with two of Lafayette's advanced design SK-180 Triflex 10" 3-way speakers instead of SK-58's. Shpg. wt., 122 lbs.		
HS-182WX	5.00 Down	Net 173.50
Same as HS-182WX, plus two famous Lafayette CK-14WX Elliptoflex Bookshelf Enclosures in Kit form. Shpg. wt., 170 lbs.		
HS-183WX	10.00 Down	Net 214.50
Same as HS-180WX, with the addition of the Lafayette KT-500 AM/FM Stereo Tuner Kit. Shpg. wt., 100 lbs.		
HS-184WX	10.00 Down	Net 239.50



• **CHOICE OF RECORD CHANGER** • In any system featuring the Garrard RC 210 Record Changer, you may substitute the Garrard RC88/11 for an additional 15.00 or the Garrard Model A at an additional \$23.00.



• **SELECT YOUR OWN CARTRIDGE** • You may choose the Pickering 380C or Shure M70 with any system on this page at no additional cost. The Audio Empire 108 may be substituted for an additional 3.50 or the Shure M30 at an additional cost of 12.00

NOW

YOU CAN AFFORD

The Very Finest

LAFAYETTE BUILD-IT-YOURSELF PROFESSIONAL 100 WATT STEREO SYSTEM

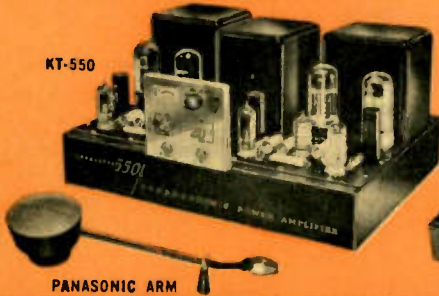
Take the Smart Approach Toward Stereo—Build your system the Lafayette way—the Kit way. Nothing can compare to the feeling of personal pride and sense of achievement derived from "doing-it-yourself." For many who have always wanted the finest High-Fidelity equipment, but have found the cost of factory-wired units prohibitive, Lafayette Kits offer the ideal solution. Indeed the quality of your

home stereo system need be no different from that of a professional studio. Specially selected and matched, this Lafayette Kit Stereo system offers you professional performance at far less than equivalent factory wired units and by purchasing the complete system, you take advantage of Lafayette's System plan price.

COMPONENTS



KT-600



KT-550

PANASONIC ARM



PK-240

BASE



SK-115

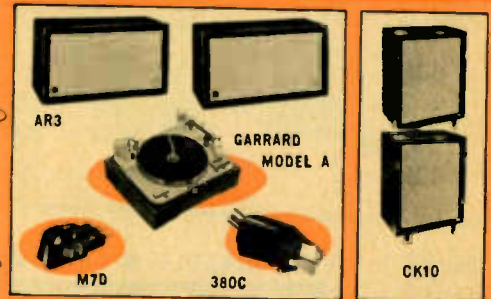
COMPONENTS

Lafayette KT-600A Stereo Preamplifier Kit	79.50
Lafayette KT-550 Dual 50-Watt Basic Stereo Amplifier Kit (with enclosure)	134.50
2-Lafayette SK-115A 15" 3-Way Speakers	79.50 ea.
Lafayette-Panasonic PK-448 Integrated Transcription Tone Arm and Moving Magnet Cartridge	32.50
Lafayette PK-240 Transcription Turntable	37.50
Lafayette Turntable Base (Choice of Finishes)	14.95

Only 10.00 Down
You Save **45.80**

Regular Catalog Price ~~457.95~~

LAFAYETTE KIT SYSTEM PRICE 412.15



AR3

GARRARD MODEL A

M7D

380C

CK10

• Considered by professionals as the finest stereo preamplifier available, the KT-600 offers all the versatility of a broadcast studio control console yet is designed specifically for the kit builder.

• Center of the system is the new KT-550 "Acoustic Standard" dual 50-watt basic stereo amplifier. Utilizes advanced multiple feedback loop circuitry and offers unsurpassed distortionless performance.

• The 4-speed PK-240 professional transcription turntable employs a 3 lb. aluminum turntable and is ideal for stereo. Combined with the new PK-448 Lafayette Panasonic integrated transcription tone arm and moving

magnet cartridge for perfect reproduction of stereo and monaural records.

• Two Lafayette-Goodmans SK-115 3-way 15" speakers featuring a 5 lb Magloy magnet and built-in crossover network. Provides a breathtaking purity of sound from 20-20,000 cycles. Complete professional stereo system in kit form as listed above. Specify finish of turntable base. Shpg. wt., 190 lbs.
HS-380WX 10.00 Down Net 412.15

Same as HS-380WX, but with Garrard Model A record changer with choice of the Pickering 380C or Shure M7D Stereo Cartridges instead of Lafayette PK-240

and PK-448 Tone arm. Shpg. wt., 176 lbs.
HS-381WX 10.00 Down Net 420.80

Same as HS-380WX, but with the addition of the Lafayette KT-500 AM-FM Stereo Tuner Kit. Shpg. wt., 206 lbs.
HS-382WX 10.00 Down Net 481.15

Same as HS-382WX, but with the addition of 2 CK-10 Bass Reflex Enclosure Kits. Shpg. wt., 314 lbs.
HS-384WX 10.00 Down Net 535.05

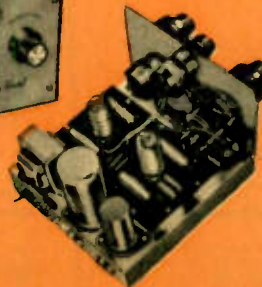
Same as HS-380WX, but with 2-AR-3 speaker systems finished in walnut instead of Lafayette SK-115 speakers. Shpg. wt., 228 lbs.
HS-383WX 10.00 Down Net 649.65

KT-315 STEREO REMOTE CONTROL CENTER KIT

- OUTPUT FOR "THIRD CHANNEL"
- CLUTCH-TYPE VOLUME CONTROL
- PHASE AND CHANNEL REVERSAL



KT-315



- TWO LOW NOISE 7025 DUAL-TRIODES
- POSITIVE CONTROL 50 FEET OR MORE
- BRIDGE BALANCING CIRCUIT

Complete control of your separate amplifier stereo system is provided by this easy to build self powered electronic control center kit. Easily utilized with any system employing a separate preamp and amplifier, or two individual amplifiers with tape monitoring facilities. The KT-315 goes far beyond the other stereo-adaptor units in that it has been designed not only to provide your amplifier with the basic stereo functions, but will equip them with the same controls and functions of the finest integrated stereo units.

Inclusion of a low-impedance "plate follower" outputs permits remote operation 50 feet or more from the controlled amplifiers. Unusual bridge circuit assures precise balancing of the stereo system by means of an

audible "null." Objectionable "hole-in-the-middle" effect can be eliminated by cross-feeding variable amounts of audio from each channel. Includes controlled third-channel output for driving a third amplifier and speaker if desired. Individual or simultaneous control of each channel. Phase reversal with or without channel reversal. Selective monaural operation. Frequency response 10 to 25,000 cps \pm 0.5 db; gain db; cross channel rejection better than 50 db.

Premium type 7025 dual triodes—Printed circuit boards insure easy error free assembly. Supplied with a complete step by step illustrated instruction manual. Adapter with cage measures 6¼x4½x7"D (not including knobs and projections). Shpg. wt., 7½ lbs.
KT-315 2.00 Down Net 27.50

LAFAYETTE KITS ARE THE FINEST . . . THROUGH RESEARCH AND ENGINEERING



DELUXE STEREO HI-FI PHONO SYSTEMS

SCOTT 299B

GARRARD RC88/II

ALTERNATE SPEAKER SYSTEM

PICKERING 380C OR SHURE M7D

2-LAFAYETTE SK-58 ELIPTOFLEX SPEAKER SYSTEMS

2-JENSEN TR-10 SPEAKER SYSTEMS

OPTIONAL TUNER SCOTT 330D

ALTERNATE GARRARD MODEL A

SCOTT 50-WATT STEREO PHONO SYSTEM COMPONENTS

SCOTT 299B 50-Watt Stereo Amplifier (Less Case)	209.95
GARRARD RC88/II Changer (Less Base)	59.50
PICKERING 380C Diamond Needle Stereo Cartridge	29.85
2-JENSEN TR-10 Speaker System @ 119.50	239.00

Regular Catalog Price **538.50**

LAFAYETTE SYSTEM PRICE 431.50

Only 10.00 Down

You Save 106.80

Complete Stereo System as listed above with choice of Pickering 380C or Shure M7D Stereo Cartridge (Please Specify). Shpg. wt., 209 lbs. (Specify Speaker Finish).
 HS-700WX 10.00 Down Net 431.50

Same as HS-700WX, but includes 2-Lafayette Eliptoflex Speaker Systems with famous Lafayette Free Edge SK-58 12" Coaxial Speakers instead of Jensen TR-10. Eliptoflex is finished on four sides in Mahogany, Blonde, Walnut or oiled Walnut. Shpg. wt., 189 lbs.
 HS-701WX 10.00 Down Net 364.30

Same as HS-700WX, with new Garrard Model A Changer in place of RC88/II. Shpg. wt., 214 lbs.

HS-702WX	10.00 Down	Net 439.50
Same as HS-700, plus Scott 330D FM-AM Stereo Tuner. Shpg. wt., 226 lbs.		
HS-703WX	10.00 Down	Net 599.50

- For Record Changer Bases, See Index.
- See Scott Component Page For Correct Enclosures.

SCOTT 24-WATT STEREO PHONO SYSTEM COMPONENTS

SCOTT 222B 24-Watt Stereo Amplifier (Less Case)	144.95
GARRARD RC210 Record Changer (Less Base)	44.50
PICKERING 380C Diamond Needle Stereo Cartridge	29.85
2-LAFAYETTE SK-58 12" Coaxial Speakers @ 29.50	59.00

Regular Catalog Price **278.30**

LAFAYETTE SYSTEM PRICE 222.95

Only 10.00 Down

You Save 55.35

SCOTT 222B

GARRARD RC210

ALTERNATE SPEAKER SYSTEM

PICKERING 380C OR SHURE M7D

2-LAFAYETTE SK-58 SPEAKERS

GARRARD RC88/II

OPTIONAL SPEAKER SYSTEM LAFAYETTE ELIPTOFLEX BOOKSHELF ENCLOSURES

SCOTT 314

Complete Stereo System as listed above with choice of Pickering 380C or Shure M7D Stereo Cartridge (Please Specify). Shpg. wt., 58 lbs.
 HS-704WX 10.00 Down Net 222.95

Same as HS-704WX, but SK-58 speakers mounted in Lafayette's famous Eliptoflex bookshelf enclosures, finished on four sides in Mahogany, Blonde, Walnut or Oiled Walnut (Specify Finish). Shpg. wt., 106 lbs.
 HS-705WX 10.00 Down Net 287.95

Same as HS-704WX, with new Garrard RC88/II Record Changer in place of RC210. Shpg. wt., 63 lbs.
 HS-706WX 10.00 Down Net 297.95

Same as HS-704WX, but includes new Scott 314 FM Tuner. Shpg. wt., 68 lbs.
 HS-707WX 10.00 Down Net 314.95

- For Record Changer Bases, See Index.
- See Scott Component Page For Correct Enclosures.

SCOTT 399

GARRARD RC88/II

ALTERNATE

PICKERING 380C OR SHURE M7D

2-UNIVERSITY 312 SPEAKERS

2-LAFAYETTE SK-180 SPEAKERS

GARRARD MODEL A

LAFAYETTE ELIPTOFLEX BOOKSHELF ENCLOSURES

SCOTT 40-WATT COMPLETE FM-AM STEREO PHONO SYSTEM COMPONENTS

SCOTT 399 40-Watt Amplifier and FM-AM Receiver (Less Case)	389.95
GARRARD RC88/II Changer (Less Base)	59.50
PICKERING 380C Diamond Needle Stereo Cartridge	29.85
2-UNIVERSITY 312 12" Triaxial Speakers @ 73.00	146.00

Regular Catalog Price **625.30**

LAFAYETTE SYSTEM PRICE 499.50

Only 10.00 Down

You Save 125.80

Complete Stereo System as listed above with choice of Pickering 380C or Shure M7D Stereo Cartridge (Please Specify). Shpg. wt., 86 lbs.
 HS-708WX 10.00 Down Net 499.50

Same as HS-708WX, but includes 2-Lafayette Eliptoflex Bookshelf Enclosures, finished on four sides in Mahogany, Blonde, Walnut and Oiled Walnut for the University 312 Speakers. Shpg. wt., 134 lbs. (Specify Finish).

HS-709WX 10.00 Down Net 571.25
 Same as HS-708WX, but includes new Garrard Model A Record Changer instead of

RC88/II. Shpg. wt., 91 lbs.
 HS-710WX 10.00 Down Net 509.25

Same as HS-708WX, but employs two Lafayette new SK-180 10" "Trihelix" Speakers with two Eliptoflex Bookshelf Enclosures, finished in Mahogany, Blonde, Walnut or Oiled Walnut. (Specify Finish). Shpg. wt., 129 lbs.

HS-711WX 10.00 Down Net 513.45

- For Record Changer Bases, See Index.
- See Scott Component Page For Correct Enclosure.



• SELECT YOUR OWN CARTRIDGE • You may choose the Pickering 380C or Shure M7D with any system on this page at no additional cost. The Audio Empire 108 may be substituted for an additional 3.50 or the Shure M30 at an additional cost of 12.00

THE FISHER COMPONENTS SYSTEMS

FISHER 50-WATT STEREO PHONO SYSTEM COMPONENTS

FISHER X-202 50-Watt Stereo Amplifier (Less Case)	229.50
GARRARD RC88/II Record Changer (Less Base)	59.50
PICKERING 380C Diamond Needle Stereo Cartridge	29.85
2-WHARFEDALE 60 Speaker Systems — Choice of Blonde, Mahogany or Walnut @	210.00
	105.00

Regular Catalog Price ~~528.85~~

LAFAYETTE SYSTEM PRICE

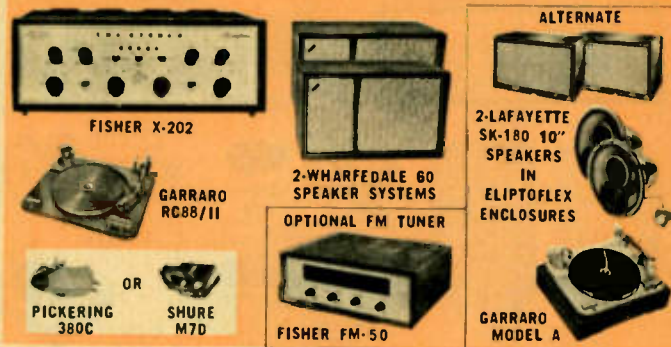
Only 10.00 Down

422.40

You Save 106.45

Complete Stereo System as listed above with choice of Pickering 380C or Shure M7D Stereo Cartridge (Specify Speaker Finish). Shpg. wt., 140 lbs.

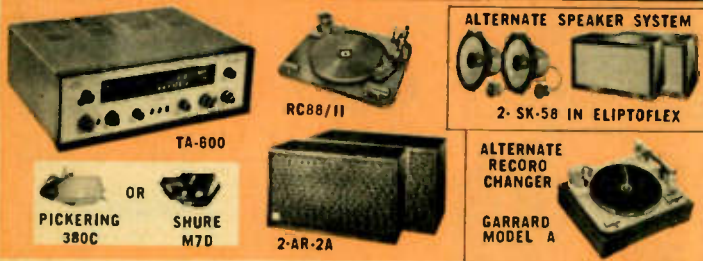
HS-550WX	10.00 Down	Net 422.40
Same as HS-550WX, but employs two Lafayette new SK-180 10" "Trihelix" Speakers with two Eliptoflex Bookshelf Enclosures, finished on four sides in Mahogany, Blonde, Walnut and Oiled Walnut (Please Specify) instead of the Wharfedale 60 Speaker Systems. Shpg. wt., 115 lbs.		
HS-551WX	10.00 Down	Net 385.95



Same as HS-550WX, but includes the new Garrard Model A Record Changer instead of RC88/II. Shpg. wt., 145 lbs.

HS-552WX	10.00 Down	Net 432.95
Same as HS-550WX, plus Fisher FM-50 Tuner. Shpg. wt., 154 lbs.		
HS-553WX	10.00 Down	Net 528.55

- See Index For Record Changer Bases.
- See Fisher Component Page For Correct Enclosure.



Complete FM-AM Stereo System as listed above with choice of Pickering 380C or Shure M7D Stereo Cartridge (Specify Speaker Finish). Shpg. wt., 154 lbs.

HS-554WX	10.00 Down	Net 619.50
Same as HS-554WX, featuring two Lafayette Famous Free Edge SK-58 Coaxial Speakers with Eliptoflex Bookshelf Enclosures, finished on four sides in choice of Mahogany, Blonde, Walnut or Oiled Walnut, in place of the AR-2A Speakers. (Specify Finish). Shpg. wt., 145 lbs.		
HS-555WX	10.00 Down	Net 525.90
Same as HS-554WX, but includes the new Garrard Model A Record Changer instead of RC88/II. Shpg. wt., 159 lbs.		
HS-556WX	10.00 Down	Net 627.50

FISHER 40-WATT FM-AM STEREO PHONO SYSTEM COMPONENTS

FISHER TA-600 40-Watt Stereo Amplifier and FM-AM Tuner Combination (Less Case)	369.50
GARRARD RC88/II Record Changer (Less Base)	59.50
PICKERING 380C Diamond Needle Stereo Cartridge	29.85
2-ACOUSTIC RESEARCH AR-2A Speaker Systems — Choice of Korina, Blonde or Walnut @	256.00
	128.00

Regular Catalog Price ~~764.85~~

LAFAYETTE SYSTEM PRICE

619.50

Only 10.00 Down

You Save 145.35

- See Index For Record Changer Bases.
- See Fisher Component Page For Correct Enclosure.

FISHER DELUXE 60-WATT STEREO PHONO SYSTEM COMPONENTS

FISHER 400-CX Stereo Master Audio Control Preamp (Less Case)	199.50
FISHER SA-300B 60-Watt Stereo Amplifier	199.50
AUDIO EMPIRE 208 Turntable (Less Base)	87.50
AUDIO EMPIRE 98 12 Inch Tone Arm	34.50
AUDIO EMPIRE 108 Diamond Needle Stereo Cartridge	34.50
2-FISHER XP-1 Speaker System — Choice of Mahogany, Walnut, Cherry, or Blonde @	259.00
	129.50

Regular Catalog Price ~~814.50~~

LAFAYETTE SYSTEM PRICE

Only 10.00 Down

651.50

You Save 163.00

Complete Stereo System as listed above. Shpg. wt., 160 lbs.		
HS-557WX	10.00 Down	Net 651.50
Same as HS-557WX, plus Fisher FM-50 Tuner. Shpg. wt., 174 lbs.		
HS-558WX	10.00 Down	Net 755.10

CHOOSE YOUR OWN STEREO SYSTEM AND SAVE... Take advantage of Lafayette's low, low system plan prices. Simply write, listing the components you desire—Lafayette will promptly send you a special money saving package price quotation on the stereo system of your own preference.



- See Index For Turntable Bases.
- See Fisher Component Page For Correct Enclosures.

• CHOICE OF RECORD CHANGER • In any system featuring the Garrard RC 210 Record Changer, you may substitute the Garrard RC88/II for an additional 15.00 or the Garrard Model A at an additional \$23.00.

LAFAYETTE RECOMMENDED *Bogen* STEREO SYSTEMS

BOGEN 24-WATT STEREO PHONO SYSTEM



BOGEN DB212



PICKERING 380C

OR



SHURE M7D



GARRARD RC210

LAFAYETTE SK128 SPEAKERS



COMPONENTS

BOGEN DB212 24 Watt Stereo Amplifier (Less Case) 119.95
 GARRARD RC210 Record Changer (Less Base) 44.50
 PICKERING 380C Diamond Needle Stereo Cartridge 29.85
 2-LAFAYETTE SK-128 Full Range 8" Blaxial Speakers @ 19.50 39.00

Regular Catalog Price **233.30**

LAFAYETTE SYSTEM PRICE

186.50

Only 5.00 Down

You Save 46.80

Complete Stereo System as listed above with choice of Pickering 380C or Shure M7D Stereo Cartridge (Please Specify). Shpg. wt., 42 lbs.

HS-503WX 5.00 Down Net 186.50
 Same as HS-503WX, but includes Lafayette's Mini-Duct Bookshelf Enclosure for SK-128 speakers (Specify Finish). Shpg. wt., 90 lbs.
 HS-504WX 10.00 Down Net 226.50



BOGEN ST442 TUNER



GARRARD RC88/II

ALTERNATES

LAFAYETTE MINI-DUCT BOOKSHELF ENCLOSURES



Same as HS-503 WX, but with Garrard RC88/II Record Changer instead of RC210. Shpg. wt., 47 lbs.

HS-505 WX 10.00 Down Net 201.50

Same as HS-503 WX, with addition of Bogen ST442 FM-AM Stereo Tuner. Shpg. wt., 56 lbs.

HS-506 WX 10.00 Down Net 306.10

- See Index For Record Changer Base
- See Bogen Component Page For Correct Enclosures.

BOGEN 40-WATT STEREO PHONO SYSTEM



BOGEN AP-40



PICKERING 380C

OR



SHURE M7D



GARRARD RC88/II



2-UNIVERSITY 312 SPEAKERS

COMPONENTS

BOGEN AP-40 40-Watt Stereo Amplifier (Less Cage) 199.50
 GARRARD RC88/11 Record Changer (Less Base) 59.50
 PICKERING 380C Diamond Needle Stereo Cartridge 29.85
 2-UNIVERSITY 312 12" Triaxial Speakers @ 73.00 146.00

Regular Catalog Price **434.85**

LAFAYETTE SYSTEM PRICE

347.95

Only 10.00 Down

You Save 86.90

Complete Stereo System as described above with choice of Pickering 380C or Shure M7D Stereo Cartridge. Shpg. wt., 75 lbs.

HS-500WX 10.00 Down Net 347.95
 Same as HS-500WX, but includes 2-Lafayette Eliptoflex Bookshelf Enclosures finished on four sides in Mahogany, Blonde, Walnut or Oiled Walnut, for the University 312 Speakers. (Specify Finish). Shpg. wt., 123 lbs.
 HS-501WX 10.00 Down Net 417.95

ALTERNATE SPEAKER SYSTEMS



2-LAFAYETTE SK-180 10" "Trihelix" SPEAKERS IN ELIPTOFLEX

Same as HS-500WX, but employs two of Lafayette's new SK-180 10" "Trihelix" Speakers with two Eliptoflex Bookshelf Enclosures, finished on four sides in Mahogany, Blonde, Walnut or Oiled Walnut. (Specify Finish). Shpg. wt., 140 lbs.

- See Index For Record Changer Bases
- See Fisher Component Page for Correct Amplifier Enclosure.

SHERWOOD 45-WATT STEREO PHONO SYSTEM



SHERWOOD S5500



PICKERING 380C

OR



SHURE M7D



2-JENSEN TR-10 SPEAKER SYSTEMS



GARRARD RC88/II

COMPONENTS

GARRARD RC88/11 Record Changer (Less Base) 59.50
 PICKERING 380C Diamond Needle Stereo Cartridge 29.85
 2-JENSEN TR-10 Speaker Systems — Choice of Mahogany, Tawny Ash or Walnut @ 119.50 239.00

Regular Catalog Price **328.35**

You Save 65.85

Special Price 262.50

Sherwood S5500 45-Watt Stereo Amplifier — (Less Case) (Fair Traded) 149.50

LAFAYETTE SYSTEM PRICE

412.00

Only 10.00 Down

Complete Stereo System as listed above with choice of Pickering 380C or Shure M7D Stereo Cartridge. Shpg. wt., 136 lbs.

HS-750WX 10.00 Down Net 412.00

- See Index For Record Changer Bases
- See Sherwood Component Page for Correct Enclosure.

CHOOSE YOUR OWN STEREO SYSTEM AND SAVE . . . Take advantage of Lafayette's low, low system plan prices. Simply write, listing the components you desire—Lafayette will promptly send you a special money saving package price quotation on the stereo system of your own preference.

LAFAYETTE

harman kardon

STEREO SYSTEMS

HARMAN-KARDON 60-WATT COMPLETE FM-AM STEREO SYSTEM

COMPONENTS

HARMAN-KARDON TA-260 60 Watt Stereo Amplifier and FM-AM Tuner (Less Case)	299.95
GARRARD RC88/II Record Changer (Less Base)	59.50
PICKERING 380C Diamond Needle Stereo Cartridge	29.85
2-LAFAYETTE SK-58 12" Co- axial Speaker @ 29.50	59.00
Regular Catalog Price	448.30



HARMAN-KARDON 30-WATT STEREO PHONO SYSTEM

COMPONENTS

HARMAN-KARDON A230 30- Watt Stereo Amplifier (Less Case)	109.95
GARRARD RC210 Record Changer (Less Base)	44.50
PICKERING 380C Diamond Needle Stereo Cartridge	29.85
2-LAFAYETTE SK-58 12" Co- axial Speakers @ 29.50	59.00
Regular Catalog Price	243.30



LAFAYETTE SYSTEM PRICE

357.50

You Save 90.80
Only 10.00 Down



Complete Stereo System as listed above with choice of Pickering 380C or Shure M7D Stereo Cartridge (Please Specify). Shpg. wt., 82 lbs.

HS-600 WX	10.00 Down	Net 357.50
Same as HS-600 WX, but with SK-58 speakers mounted in Lafayette's famous Eliptoflex Bookshelf Enclosures finished on four sides in Mahogany, Blonde, Walnut or Oiled Walnut. (Specify Finish). Shpg. wt., 152 lbs.		
HS-601 WX	10.00 Down	Net 423.64
Same as HS-600 WX, but includes new Garrard Model A Record Changer in place of RC88/II. Shpg. wt., 87 lbs.		
HS-602 WX	10.00 Down	Net 365.50

- See Index For Record Changer Bases
- See Harmon-Kardon Component Page for Correct Enclosures.

LAFAYETTE SYSTEM PRICE

192.00

You Save 51.30
Only 5.00 Down



Complete Stereo System as listed above with choice of Pickering 380C or Shure M7D Stereo Cartridge (Please Specify) Shpg. wt., 54 lbs.

HS-603WX	5.00 Down	Net 192.00
Same as HS-603WX, but with SK-58 speakers mounted in Lafayette's famous Eliptoflex Bookshelf Enclosures. (Specify Finish) Shpg. wt., 124 lbs.		
HS-604WX	10.00 Down	Net 257.00
Same as HS-603WX, but with Garrard RC88/II Record Changer in place of RC210. Shpg. wt., 58 lbs.		
HS-605WX	10.00 Down	Net 207.00

- See Index For Record Changer Bases
- See Harmon-Kardon Component Page For Correct Enclosures.

PILOT 30-WATT COMPLETE FM-AM STEREO SYSTEM

COMPONENTS

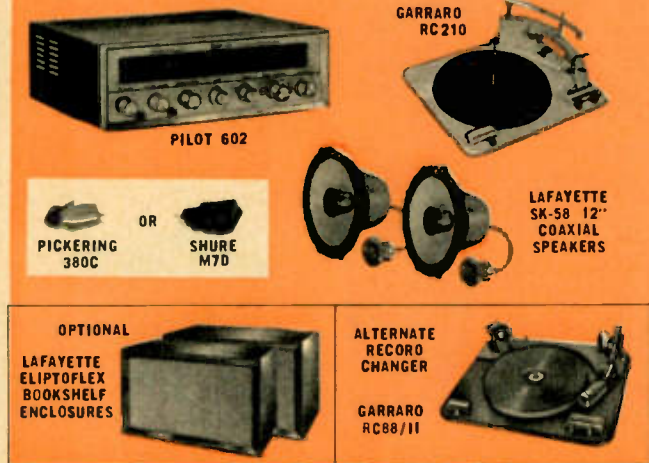
PILOT 602 30-Watt Stereo Amplifier and FM-AM Tuner	249.50
GARRARD RC210 Record Changer (Less Base)	44.50
PICKERING 380C Diamond Needle Stereo Cartridge	29.85
2-LAFAYETTE SK-58 12" Coaxial Speakers @ 29.50	59.00
Regular Catalog Price	382.85

LAFAYETTE SYSTEM PRICE

Only 10.00 Down

305.95

You Save 76.90



Complete FM-AM Stereo System as listed above with choice of Pickering 380C or Shure M7D Stereo Cartridge. Shpg. wt., 60 lbs.

HS-650WX	10.00 Down	Net 305.95
Same as HS-650WX with two Lafayette Eliptoflex Bookshelf Enclosures for the SK-58 Speakers. Eliptoflex is finished on four sides in choice of Mahogany, Blonde, Walnut or Oiled Walnut (Please Specify). Shpg. wt., 109 lbs.		
HS-652WX	10.00 Down	Net 371.95
Same as HS-650WX but features the Garrard RC88/II (Less Base) instead of RC210. Shpg. wt., 114 lbs.		
HS-651WX	10.00 Down	Net 320.95

- See Index For Record Changer Bases
- See Pilot Component Page For Correct Enclosure.

- CHOICE OF RECORD CHANGER • In any system featuring the Garrard RC 210 Record Changer, you may substitute the Garrard RC88/II for an additional 15.00 or the Garrard Model A at an additional \$23.00.

- SELECT YOUR OWN CARTRIDGE • You may choose the Pickering 380C or Shure M70 with any system on this page at no additional cost. The Audio Empire 108 may be substituted for an additional 3.50 or the Shure M30 at an additional cost of 12.00.

SHERWOOD

Hi-Fi Stereo Components



S-3000 III



S-5000 II



S-7000

NEW S-3000III FM/MX STEREO TUNER

This new tuner features Sherwood's usual sensitive FM circuitry plus internal plug-in space for FM multiplex stereo. Other features are front-panel level and stereo balance controls, FM interchannel hush, "Acrobeam" tuning eye, 7-inch expanded slide-rule tuning scale, AFC and local-distant switch. In addition the S-3000 III incorporates "Corrective" Inverse Feedback around the entire IF-limiter-discriminator chain, reduces distortion which would result from over-modulation by the broadcasting station and increases the effective discriminator bandwidth to over 1 mc. and IF bandwidth to 290 KC without sacrificing tuner selectivity. SPECIFICATIONS: SENSITIVITY: 95 microvolts for 20 db quieting, 1.8 microvolts for 30 db. FREQUENCY RESPONSE: 20-20,000 cps \pm 1/2 db. DISTORTION AT 100% MODULATION: 1.3% IM, 1/4% harmonic, HUM AND NOISE: 60 db below 100% modulation. DRIFT: \pm 2 kc with AFC, \pm 15 kc without AFC. OUTPUTS: Cathode follower audio, FM multiplex. AUDIO OUTPUT: 2 volts. TUBES: 9 tubes and rectifier. POWER CONSUMPTION: 40 watts 110-120V, 50-60 cycles. SIZE: 14x10 1/2 x 4". Shpg. wt., 16 lbs.

G-295WX Less Case	5.00 Down	Net 110.50
G-289W Brown Flexitone Case		
Shpg. wt., 6 lbs.		Net 5.00
G-290W Black Flexitone Case		
Shpg. wt., 6 lbs.		Net 5.00

NEW S-5500 40 WATT STEREO AMPLIFIER

A fine dual-20 watt stereo amplifier that fills the power requirements for most home music systems. Features highly versatile dual loudness, bass and treble controls; one knob simultaneously varies both channels, yet individual control may be obtained by pulling out the knob. Other controls include scratch and rumble filters, stereo normal/reverse switch, phase invert switch, tape-monitor switch and mode indicator lights. The use of DC filaments eliminates hum originating from filament supply. A special phasing system is employed when playing monaural records with stereo cartridges to balance out vertical (rumble and noise) pickup. 8 high level and 4 low-level inputs are provided for maximum flexibility. OTHER SPECIFICATIONS: POWER: 20 watts each channel, 40 watts on monaural. RESPONSE: 20-20,000 cps \pm 1/2 db at full power. NOISE: -80 db (-60 db for phono). OUTPUTS: dual 4, 8, 16 ohms, dual cathode followers for tape recorder. TUBE COMPLEMENT: 4-7591, 5-12AX7, 2-silicon rectifiers. POWER REQUIREMENTS: 110-120 volts AC, 50-60 cycles. SIZE: 14x14 1/4 x 14". Shpg. wt., 22 lbs.

G-299WX Less Case	5.00 Down	Net 149.50
G-283W Brown Flexitone Case		
Shpg. wt., 6 lbs.		Net 5.00
G-284W Black Flexitone Case		
Shpg. wt., 6 lbs.		Net 5.00

S-4400 DUAL STEREO PREAMP AND AMPLIFIER

Designed for conversion of existing monaural hi-fi sets to stereo. Same as S-5000 except has single 36 watt power amplifier. FEATURES: Stereo-monoaural indicator lights. Dual/signal treble and bass controls/Stereo normal-reverse switch. Phase Inversion switch. Ganged phono and scratch filter switches. Ganged tape monitor switch. Six high level inputs. Four phono/tape preamp inputs. Two recordings outputs. Color-coded cables and receptacles. Small physical dimensions making possible bookshelf installation. SPECIFICATIONS: POWER OUTPUT: 36 watts (72 peak), at 1 1/2% distortion. FREQUENCY RESPONSE: 20-20,000 cps \pm 1/2 db. SENSITIVITY: radio 0.20V phono 2 mv. NOISE RATIO: radio 80 db, phono 60 db, below rated output. OUTPUT: 4, 8 and 16 ohms. Size: 14x10 1/2 x 4". Shpg. wt., 24 lbs.

G-266WX Less Case	5.00 Down	Net 139.50
G-289W Brown Flexitone Case		
Shpg. wt., 6 lbs.		Net 5.00
G-290W Black Flexitone Case		
Shpg. wt., 6 lbs.		Net 5.00

S-5000II 72 WATT STEREO AMPLIFIER

Featuring the same circuits and controls of the highly-rated S-5000, this improved amplifier now provides adequate power to drive any of the popular low-efficiency speakers. Features dual loudness, bass and treble controls; one knob varies both channels simultaneously — yet, pull out on the knob, and you can vary each channel independent of the other! Other features include 12 db/octave scratch and rumble filters, which operate on all channels, presence-rise switch, 1.8 mv phono sensitivity, DC filaments and indicator lights to indicate mode of operation used. For playing monaural records with stereo cartridges, an ingenious phasing system balances out all vertical (rumble and noise) pickup! SPECIFICATIONS: POWER: 36 watts each channel. 72 watts on monaural. RESPONSE: 20-20,000 cps \pm 1/2 db at full power. INPUTS: Phono (RIAA), tape head (NARTB), 6 high level. NOISE: -80 db (-60 db for phono). OUTPUTS: Dual 4, 8, 16 ohms, dual cathode followers for tape recorder. 12 Tubes: 4-7591, 6-12AX7, 2-silicon rectifiers. POWER CONSUMPTION: 30 watts, 110-120 volts AC, 50-60 cycles. 14x14 1/4 x 4". Shpg. wt., 30 lbs.

G-296WX Less Case	5.00 Down	Net 199.50
G-283W Brown Flexitone Case		
Shpg. wt., 8 lbs.		Net 5.00
G-284W Black Flexitone Case		
Shpg. wt., 8 lbs.		Net 5.00

S-2200 FM/AM STEREO TUNER

The Model S-2200 FM-AM tuner, fulfills today's need for simultaneous FM-AM Stereo broadcast reception, yet is ready, too, for tomorrow's FM multiplexing. Features include FM interchannel noise muting with front-panel level control, FM and AM tuning eyes, AFC and delayed AGC for FM, AVC for AM. GENERAL SPECIFICATIONS: Sensitivity: FM: 0.95 μ v for 20 db quieting; 1.8 μ v for 30 db quieting; 3.6 μ v for 50 db S/N. AM: 2 μ v @ 60% mod. for 0.5v output, 6 db S/N. SELECTIVITY: FM: 195 kc @ -6 db; AM: (wide) 15 kc @ -6 db, (narrow) 5 kc @ -6 db; FM discriminators: 600 kc peak-to-peak; FREQUENCY RESPONSE: FM: 20-20,000 cps \pm 1/2 db, AM: (wide) 20-7500 cps @ -6 db; DISTORTION: FM: less than 1/2% IM @ 100% mod. (60c 17 kc; 4/1 w/std. preemphasis). Less than 1/4% harmonic @ 100% mod., 400 cps; HUM AND NOISE LEVEL: FM: 60 db below 100% mod., AM: -55 db below 100% mod. FM DRIFT: \pm 2 kc w/AFC \pm kc w/o AFC. AFC CORRECTION: 20 db. MUTING CONTROL RANGE: 0 db to -40 db audio reduction. OSCILLATOR RADIATION: 6 db Balance All controls and switches operate both channels. TUBE COMPLEMENT: 4-7189, 2-7199, 5-12AX7/ECC83, 1-5AR4/GZ34 and selenium rectifier. POWER REQUIREMENTS: 110 watts, 110-120 volts AC, 50-60 cycles. Fused. 14x14 1/4 x 4". Shpg. wt., 29 lbs.

G-276WX Less Case	5.00 Down	Net 179.50
G-283W Brown Flexitone Case		
Shpg. wt., 6 lbs.		Net 5.00
G-284W Black Flexitone Case		
Shpg. wt., 6 lbs.		Net 5.00

S-1000 II 36 WATT AMPLIFIER

FEATURES: A versatile combination preamplifier—control center and 36 watt amplifier. Rumble and scratch filters, exclusive "CENTER SET" loudness control, phono, microphone and tape head inputs, 3 hi-level inputs. DC on preamp filaments for low hum. Recorder output, presence filter. SPECIFICATIONS: POWER OUTPUT: 36 watts (72 watts peak) at 1/2% harmonic, 1 1/2% IM distortion, 4, 8, 16 ohm outputs. SENSITIVITY: radio 0.3 v, phono .003 v. CONTROLS: Selector, Equalization, Bass, Treble, Loudness, Loudness In-Out, Tape Monitor, Presence, Scratch Filter, Rumble Filter, Phono Level Set. TUBES: 4-6BQ5/EL84, 6BA8A, 12AX7/ECC83, 6AQ6, 5AR4/GZ34. SIZE: 14x10 1/2 x 4". Less Cabinet. Shpg. wt., 24 lbs.

G-267WX Less Case	5.00 Down	Net 100.50
G-289W Brown Flexitone Case		
Shpg. wt., 6 lbs.		Net 5.00
G-290W Black Flexitone Case		
Shpg. wt., 6 lbs.		Net 5.00

NEW S-7000 24 + 24 WATT FM/AM STEREO RECEIVER

This fine receiver combines in one unit the famed performance of Sherwood's FM and AM tuner circuitry along with two 24 watt amplifiers, two complete phono preamplifiers and stereo control amplifiers. Features two "Acro-beam" tuning eyes for FM and AM, two balanced flywheel tuning knobs, friction-locked stereo bass and treble controls, ganged loudness controls, phono level control, stereo balance control, stereo function and input selector switch. Six slide switches control scratch and rumble filters, FM AFC, AM bandwidth, phase reverse, and tape monitor. Inputs are provided for tape playback, tape monitor, phono, FM multiplex, and two auxiliary. Outputs are for recording and FM multiplex adapter. DC filament supply. OTHER SPECIFICATIONS: POWER OUTPUT: Stereo 24 + 24 watts (50 watts music power) at 1 1/2% IM distortion. FREQUENCY RESPONSE: 20-20,000 cps \pm 1 db @ 24 watts. HUM AND NOISE: Phono input, 60 db below 24 watts. SENSITIVITY: FM: 0.95 μ v for 20 db quieting; AM: 2 μ v @ 60% mod. for 0.5v output, 60 db S/N. SELECTIVITY: FM: 195 kc @ -6 db; AM: (wide) 15 kc @ -6 db (narrow) 5 kc @ -6 db. TUBE COMPLEMENT: 22 tubes plus 4 rectifiers and 2 diodes. POWER REQUIREMENTS: 150 watts at 110-120 volt AC, 60 cps. 16 1/4 x 14 1/2 x 4". Shpg. wt., 31 lbs.

G-297WX Less Case	10.00 Down	Net 299.50
G-298W Brown Leatherette Case		
Shpg. wt., 10 lbs.		Net 7.50



S-5500



S-2200



S-4400



S-1000 II



OUTSTANDING HIGH



299B 50-WATT STEREO AMPLIFIER

The perfect answer for all your stereo requirements, the new 299B is rated at 50-watts and includes two complete channels with dual preamplifier and dual 25-watt power sections. Offers complete stereo facilities — a third channel output is provided for three channel stereo. The Master Function Selector furnishes operation for stereo records; stereo AM-FM broadcasts; using a stereo cartridge for monaural records or playing a monophonic source through both power amplifiers. Additional controls include: separate Bass and Treble controls for each channel; Balance control; Loudness control; Rumble and Scratch filter, Phase Reversal switch and Input Selector (EUR78, NARTB Tape, ORTHO RIAA, Tuner, Extra) Stereo Tape Recorder facilities include: recorder output, playback input (monitor provision); plus a front panel tape monitor switch. Unit also may be used as an electronic crossover. Frequency Response is flat from 20 to 30,000 cps. Hum Level of main amplifier is better than 80db below maximum output. Harmonic Distortion is less than 0.8%. Intermodulation Distortion is less than 0.3%. The low level stereophonic cartridge input has a 3 millivolt sensitivity for accommodating stereo cartridges with very low output. 4, 8 and 16-ohm speaker taps are furnished for each channel. For 105-125 volts, 50-60 cycle operation. Size including optional accessory case: 15½x12½x4½". Shpg. wt., 25 lbs.

G-135WX 10.00 Down Net 209.95

222B 30-WATT STEREO AMPLIFIER

A high quality 30-watt stereo amplifier (15 watts each channel) that offers complete stereo facilities at a budget price. Outstanding features include separate bass and treble controls for each channel plus a center channel output for three channel stereo. The stereo function selector switch permits any of these modes of operation: Balance Channel A; Balance Channel B; monophonic records; stereo; reverse stereo; channel A monophonic; Channel B monophonic. Front panel controls include: Input selector; Phono (or tape head), Tuner, Extra, stereo selector; bass channel A; treble channel A; bass channel B, treble channel B; stereo balance; loudness; volume—loudness; scratch; equalization (RIAA or NARTB tape); tape monitor. Input facilities: Low (3mv sensitivity) magnetic; high (9mv sensitivity) magnetic; tuner; extra. Outputs: Stereo Tape recorder; 4, 8, 16 ohm speaker outputs on each channel; center channel; switched accessory AC outlet. D.C. is applied to preamp tube filaments to achieve extremely low hum level. Hum and Noise are better than 80db below full power output. Harmonic Distortion is .8% at full power output. I.M. Distortion is less than .3%. Frequency Response is from 20 cps to 30,000 cps. For 105-125 volts, 50-60 cycle operation. Attractive brushed gold finish with black knobs. Size including optional accessory case: 15½x12½x4½". Shpg. wt., 21 lbs.

G-137WX 5.00 Down Net 144.95

SCOTT 272 DYNAURAL 88-WATT STEREO AMPLIFIER

This new Scott 272 stereo amplifier combines a professional quality 88-watt power stage (44 watts each channel) with an extremely versatile stereo preamplifier. In addition to such features as center channel output & separate tone controls for each channel, the 272 incorporates the patented H.M. Scott dynamic rumble suppression. This feature eliminates turntable and record rumble without eliminating audible music. Also featured are: scratch filter; center channel level control; tape monitor switch; separate level controls for each power amplifier; input level control for phono; equalization for records and tape and Fletcher-Munson loudness compensation. Front panel controls include: Function selector (Balance A, Balance B, Stereo, Reverse Stereo, Monophonic Records, Channel A, Channel B); Bass and Treble Controls; Loudness control; Center Channel level; Dynamic Rumble Suppressor control; Loudness—volume switch; Scratch Filter switch and Input selector switch. Stereo tape facilities are furnished for record and playback, 4, 8 and 16—ohm speaker taps are provided for each channel. The 272 may also be used as an electronic crossover. An extremely low hum level is achieved by employing DC on preamplifier tube filaments—Hum and Noise are better than 80 db below full power output. Frequency Response 20 to 30,000 cps. Harmonic Distortion is 0.8% at full power output. IM Distortion is 0.3%. For 105-125 volts 50-60 cycle operation. Size including optional accessory case 16¼x13¼x6¼". Finished in attractive brushed gold with black knobs. Shpg. wt., 42 lbs.

G-161WX 10.00 Down Net 269.95



SCOTT 122

SCOTT 122 DUAL DYNAURAL STEREO PREAMPLIFIER

A complete stereo audio control center incorporating all of the famous Scott features. Includes separate Dynaural Noise Suppressor on each channel. These patented noise suppressors eliminate undesired scratch and rumble without affecting music response. An instantaneous visual display of the operation of the noise suppressors is furnished by two "Dyncator" control tubes. Three channel stereo is made possible by a center channel output with a front panel level control. Other important features include equalization for microphone input; completely separate bass and treble controls for each channel; provisions for rapid balancing of each stereo channel using the music being played; phase reverse and tape monitor provisions with front panel switches. The stereo selector switch provides for virtually every mode of operation. Front panel also incorporates a loudness con-

rol with loudness—volume switch and pickup selector. Frequency Response is from 19 cps to 35,000 cps. Harmonic Distortion less than .15% at rated output. Hum and Noise is more than 80db below full output on high level inputs. Magnetic input sensitivity is 3 millivolts for 2.5 volts output; NARTB tape sensitivity 1.5 mv for 2.5v output; Tuner and extra input sensitivity 1.1 volt for 2.5 volt output. For 105-120 volts 60 cps. Dimensions in optional accessory case: 15½x12½x4½". Shpg. wt., 16 lbs.

G-167WX 10.00 Down Net 265.00



SCOTT 290

SCOTT 290 90-WATT LABORATORY POWER AMPLIFIER

An entirely new stereo power amplifier designed for the audio perfectionist. The 290 furnishes a power rating on each channel of 45 watts, music waveform (short-time RMS); 40-watts long-time continuous maximum output for lab application on each channel. Frequency response is flat from 20 cps to 40,000 cps. Harmonic distortion is less than 0.5% at full output. First order tone intermodulation distortion is less than 0.1%. A precision meter is incorporated into the unit to give instant measurement of bias voltages. The Self-balancing phase inverter automatically balances output circuit; hum level

is 85db or more below full output. Hum adjustment allows compensation for tube replacement. Speaker output terminals are 4, 8 and 16 ohms. The two input circuits 0.2 and 0.5 megohms require 0.5 and 1.5 volts input respectively for full output. Controls: 2 input level, 2 hum balance, 2 AC balance, 4 Bias adjustment, power tube selector (bias). Tubes: 2-6CA7, 2-5U4G, 4-12AX7, for 105-125 volt 50-60 cycle AC operation. Size in accessory case: 15½x11¼x7¼". Shpg. wt., 48 lbs.

G-162WX 10.00 Down Net 239.95



SCOTT 250

SCOTT 250 40-WATT LABORATORY POWER AMPLIFIER

An all new basic power amplifier; ideal for high quality monophonic installations or stereo conversions. The 250 provides 40-watts for undistorted power output on music waveforms (short-time maximum r.m.s.) with less than 0.5% harmonic distortion; less than 0.1% first-order difference-tone intermodulation distortion. Frequency response is flat from 12 cps to 60,000 cps. A self-balancing phase inverter automatically balances the output circuit. Hum level is 85 db or more below full

output with a hum adjustment allowing compensation for tube replacement 4, 8, and 16-ohm speaker output terminals. Two input circuits of 0.2 and 0.5 megohms require 0.5 and 1.5 volts input respectively for full output. Controls: input level, hum balance, DC and AC balance. Tubes: 2-6CA7, 1-5U4G, 2-12AX7, for 105-125 volt 50-60 cycle AC operation. Size: 13x11x1½". Shpg. wt., 30 lbs. Includes cover.

G-138WX 5.00 Down Net 129.95



SCOTT 99D

SCOTT 99D 22 WATT AMPLIFIER

Important new features make this model better than ever. Provision for instant adaption to stereo. Front panel controls: Record Compensator; Input Selector; Bass; Treble; Loudness—Power; Rumble filter; Scratch filter; Loudness—Vol.; Pickup selector; Tape monitor; Rear panel connections: Mag. Input 2—low and 2-high; tuner; tape; TV inputs; stereo-Daptor output (to recorder)

and input (to tape monitor); speakers 1 and 2, 4, 8, and 16 ohm taps. Freq. Response: 20 to 30KC. Hum and noise inaudible. Power output: 22 watts, 44 watts peak. Harmonic distortion: 0.8%. For 105-125V. 60 cps. 6 tubes. Dimension in optional accessory case: 15½x11x1½". Less case. Size 4¾x15x12". Shpg. wt., 20 lbs.

G-142WX 5.00 Down Net 114.95

FIDELITY COMPONENTS



SCOTT 330D AM-FM STEREO TUNER

This tuner features famous wide-band FM circuitry and wide-range AM circuitry. Separate AM and FM sections for reception of stereo AM and FM broadcasts. Features stereo phase reverse circuitry, illuminated tuning and signal strength meter for FM and AM precision tuning, plus built-in ferris-loopstick antenna for improved AM reception. FM Section: Sensitivity of 1 microvolt for 20 db quieting on 72 ohm input; wideband circuitry consists of 150 kc IF passband, 2 megacycle detector BW; 2 stages of full limiting; automatic gain control makes manual adjustment of sensitivity unnecessary; low capture ratio, max. audio output 4 volts for 75 kc dev.; low impedance out.; separate tape and multiplex outputs. AM Section: 1 microvolt sensitivity for usable audio output; 3-position adjustable IF BW; 10 kc whistle filter; 4 volts audio output for full modulation. Extended freq. response compatible with FM quality. Controls include: FM tuning; AM tuning; Mode Selector (Off, Mono, Stereo, Stereo rev.); band selector (FM, AM wide, AM normal, AM distant); Meter (AM, FM); Separate AM and FM level controls. Separate output jacks for stereo and tape. For 105-125V 50/60 cps. Dimensions in optional accessory case: 15 1/4 x 12 1/2 x 4 3/4". Shpg. wt., 17 lbs. G-143WX 10.00 Down Net 208.95

SCOTT 399 STEREO TUNER-AMPLIFIER COMBINATION

The new Scott 399 combines the famous Scott 330D FM-AM stereo tuner and 299 40-watt stereo amplifier (20-watts each channel) on one compact chassis. The tuner section features a separate silver-sensitive FM Front End for maximum sensitivity and reliability. Individual AM and FM professional tuning controls and tuning eyes furnish precise station selection. Circuitry includes a wideband FM detector plus a widerange AM detector for high fidelity performance on AM stations. Tuner has switching provisions for FM multiplex stereo or FM-AM stereo. FM Sensitivity is 1 microvolt for 20db of quieting on 72-ohm antenna terminals. Amplifier section employs separate Bass and Treble controls for each channel, phase reverse switch, tape monitor switch, third channel output and DC filament supply for preamp. Frequency response is 20-30,000 cps. Harmonic Distortion is 0.8% at full power output. Hum better than 80db below full power output. Maximum sensitivity is 3 millivolts for rated output. For 105-125 volts 60 cycle AC operation. Dimensions in optional accessory case: 16 1/4 x 13 1/2 x 6 3/4". Shpg. wt., 35 lbs. G-159WX 10.00 Down Net 389.95

SCOTT 314 WIDEBAND FM TUNER

This new Scott FM Tuner offers the same wideband circuitry as the famous Scott professional tuner — and at a budget price. Silver plated RF circuitry and a copper clad aluminum chassis result in maximum sensitivity and highest fidelity. Sensitivity is 1 microvolt for 20 db of quieting with matched 72 ohm antennas. Automatic gain control makes manual adjustment of sensitivity unnecessary. Multiplex output is provided for FM stereo reception. Circuit includes 150kc bandpass, 2 megacycle detector bandwidth and 2 stages of full limiting. A low impedance output permits connecting cable up to 50 ft. long. Outputs: Channel A (output); Channel B (tape); Multiplex output. Controls: Power (off-on); Level (rear panel); tuning. Supplied with connecting cable and folded dipole antenna. For 105-125 volts, 50-60 cycle operation. Gold finish Metal Knob. Dimensions including optional case: 15 1/4 x 12 1/2 x 4 3/4". Shpg. wt., 10 lbs. G-163WX 5.00 Down Net 114.95

SCOTT 310D FM BROADCAST MONITOR TUNER (NOT ILLUSTRATED)

Represents the highest standards of performance for FM reception. Has professional instrument tuning controls with lighted lucite dial. DYNATURAL interstation noise suppressor is provided. Sensitivity is 3/4 micro-volts on matched 72 ohm antenna for 20db quieting. Full 150 kc IF passband and 2 megacycle limits and detector; effectively 3 stages of full limiting. Automatic gain control is provided. Max. audio output 4 v. for 75 kc deviation. Low impedance output. Controls: Power on-off; Level; Interstation noise suppressor; Local-Distant sw; FM tuning Outputs: Channel A High and Low (tape); Channel B High and Low (tape); Multiplex out; switched AC outlet. For 105-125 volts 60 cycle AC operation. Dimensions in optional accessory case: 15 1/4 x 12 1/2 x 4 3/4". Shpg. wt., 15 lbs. G-146WX 5.00 Down Net 184.95

SCOTT CASES (AV. SHPG. WT., 1 1/2 LBS.)

Stock No.	Scott No.	Type	Component No.	Price	Stock No.	Scott No.	Type	Component No.	Price
G-147W	C	Steel*	99D 122	12.95	G-131W	F	Steel* Mah.	272, 399	14.95
G-149W	CWM	Wal.	130, 222B	19.95	G-132W	FW	Blonde	272	29.95
G-150W	CWW	Wal.	299B, 310D	19.95	G-160W	FWW	Type K Metal	222B	29.95
G-151W	CWB	Blonde	314, 330D	19.95	G-133W	FWB	Knob Kit	272	4.95
G-168W	314M	Type M Metal Knob Kit	314	3.95	G-166W	222M			8.95
					G-169W	272M			

*Leatherette Covered

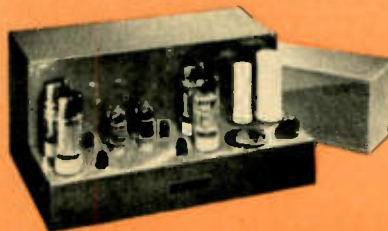
MARANTZ QUALITY HI-FI COMPONENTS

MODEL 7C STEREO CONSOLE PREAMPLIFIER



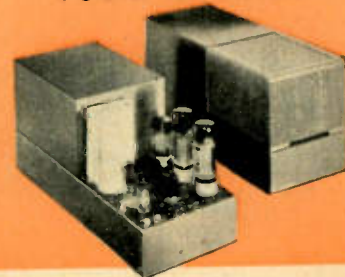
This new self-powered stereo preamplifier combines Marantz's remarkable quality construction with complete versatility and ease of operation. Front Panel Controls feature: 8-pos. Selector (Mic, Phono 1, Phono 2, Tape-head, FM-AM, FM Multiplex, TV, Auxiliary, 5-pos. Mode (Stereo, Stereo Reverse, Ch A, Ch B, Ch A+B), Volume, Balance, 4-Independent Base and Treble Tone Controls, Record Equalizer, Tape Playback on Monitor, High Filter, Rumble Filter and Power Switch. Rear Controls feature: Output Level-sets, 3 Pairs of Outputs, Tape-head Equalizer Adjustments, 9 Pairs of Inputs, 6 AC Convenience Outlets and System Grounding point. Frequency Response: 1/2 db 20-20,000 cps. IM Distortion: 0.1%. Total Noise: in 20-20,000 cps audio range, 80 db below 10 mv phono input with RIAA curve. Tubes 6-ECC83/12AX7. Dimensions: 14 3/4" W x 5 3/4" H x 8 1/2" D. Panel 15 3/4" WX 5 3/4" H. For 110-120v. 50-60 cycle AC. Shpg. wt., 16 lbs. G-251WX Marantz Model 7C-Less Cabinet 10.00 Down Net 249.00 WOOD CABINET FOR ABOVE: Specify Mahogany, Blonde, Walnut, Oiled Walnut. Shpg. wt., 4 lbs. G-253W Net 24.00

MODEL 8A DUAL 30-WATT STEREOPHONIC POWER AMPLIFIER



Professional in every respect the Model 8 Stereo Amplifier furnishes performance and workmanship found in high quality Broadcast or Laboratory equipment. Optimum performance is insured by built-in metered test instruments which provide simple, accurate adjustments. Power Output is 30 Watts per channel (60 watts peak) "Ultra-Linear" operation. 18-watts of Triode operation is possible by altering two connections. Can be paralleled for nearly 70-watts monaural operation on 2, 4 or 8-ohms output impedance. Response: 0.1 db from 20-20,000 cps at 30-watts. Distortion: harmonic, less than 0.1%. IM, less than 0.5%. Hum: 90 db. Input Sensitivity 1.3 volts. Power Supply employs 3 heavy duty telephone quality electrolytics and choke. Output impedance: 4, 8 and 16 ohms. Tubes: 2-6BH6, 2-6CH7, 4-EL34/6CA7. Overall size: 13 1/2" W x 7 1/4" H x 10 1/2" D. For 117 volts 60 cycles AC. Shpg. wt., 55 lbs. G-250WX Marantz Model 8A Less Cabinet 10.00 Down Net 237.00 Model 8G Gold Finish Perforated Snap on Grille for above. Shpg. wt., 1 lb. G-257W Net 9.00

MODEL 5A 30-WATT POWER AMPLIFIER



The highest standards of workmanship, components and design guarantee unexcelled performance from this Marantz basic power amplifier. Power Output is 30 watts (60 Watts Peak) "Ultra-Linear" operation. 18 Watts of excellent Triode operation can be obtained by alternating two connections. Response at 30-watts is 0.1 db from 20-20,000 cps. Distortion: harmonic, less than 0.1%. IM, less than 0.5%. Hum is better than 90 db below 30 watts. Power Supply employs transmitting-type oil input condenser, choke, telephone quality electrolytic and GZ-34 heater-cathode rectifier. A built-in meter and test switch provide accurate adjustment of each output tube bias. Tubes: 1-6BH6, 1-6CG7, 2-EL34/6CA7, 1-GZ-34. For 117 volts, 60 cycles AC. Overall size: 7 3/8" H x 6" W x 15 1/4" D. Shpg. wt., 35 lbs. G-252WX Marantz Model 5A Less Cabinet 5.00 Down Net 147.00 Model 5G Gold Finish Perforated Grille, for above. Shpg. wt., 11 lbs. G-258W Net 7.50

WRITE TO LAFAYETTE FOR A SYSTEM PRICE QUOTATION WITH COMPONENTS OF YOUR CHOICE

BOGEN-PRESTO STEREO AND MONAURAL



SRB20 STEREO RECEIVER

A highly sensitive FM-AM Stereo tuner, a versatile stereo audio control center, a fine 20 watt (10 per channel) stereo amplifier—all in one compact unit. **CONTROLS:** Function Selector; FM Tuning; AM Tuning; Separate Bass and Treble for each channel (lock for simultaneous control of both); Volume for each channel (lock for simultaneous control); Separate On-Off Power; FM On-Off and AFC; AM On-Off; Multiplex. **SPECIFICATIONS:** Output Power: 20 watts (2 10 watt channels). Antennas: Built-in FM and AM antennas; Frequency Response: 20-20,000 cps. \pm 1 db. Noise and Hum: FM: — 58 db; AM: — 48 db; Mag Phono: —50 db; Crystal Phono —70 db. Output Impedance: 4, 8, and 16 ohms. Tubes: 16 plus 3 crystal diodes, Incl. 1 matched pr. RF Sensitivity: FM: 4 μ V; AM: 250 μ V per meter—loop sensitivity. Audio Sensitivity: Mag: 4 mv; Signal-to-Noise: 45 db. Crystal/Aux: 1/2v; Signal-to-Noise: 60 db. Distortion: FM: 1.5%; AM: 3%; Phono (Mag): 0.6% at continuous power output. Dimensions: 16 1/2 x 12 1/2 x 5 1/2" h. Shpg. wt., 25 lbs.

G-189WX Stereo Receiver 10.00 Down Net 219.50
 G-195W Model ENB1 Enclosure and legs, 5 lbs. Net 8.50
 Model WE-3 Walnut Cabinet Shpg. wt., 6 lbs.
 G-208W 2.00 Down Net 27.75



NEW! AP40 40-WATT STEREO AMPLIFIER

Provides everything necessary to achieve the ultimate in stereo listening. This 40 watt amplifier (20 watts per channel) furnishes more than enough power to drive even the lowest efficiency speakers. Covers the full audio spectrum to beyond audibility with less than \pm 1 db deviation, and at 1/2% distortion at full rated output. Employs an extra heavy duty "permafll" treated power transformer with oversized conservatively used parts. Latest Bogen Programming Selector Controls allow instant selection of FM, AM, Multiplex, Phono (Mag.), Phono (Xtal or ceramic), Tape Heads, TV, Aux., Off. Illuminated visual indicators are provided for both the Programming Selectors and front panel Speaker Selectors; shows at a glance program source, channels being used and how speakers are connected. Also included is a 3rd channel output for 3 speaker stereo, blend control, independent treble and bass controls for each channel, loudness contour, scratch and rumble filter switches. Dimensions: 16x6x13 1/2" or 110-120v. 60 cycles AC. Shpg. wt., 34 lbs.

G-310WX 40 Watt Stereo Amplifier 5.00 Down Net 199.50
 G-311W Model EN-4 Metal Enclosure Shpg. wt., 6 lbs. Net 10.75
 Model WE-4 Walnut Cabinet Shpg. wt., 6 lbs.
 G-312W 2.00 Down Net 27.75



DB212 24 WATT STEREO AMPLIFIER

With this "Stereo-Control Center" you can precisely control all stereo sources and feed them through the self contained dual amplifiers to your speaker systems. When you use monaural program sources you have 24 watts of power available to the speaker system. "Speaker Phasing Switch" eliminates the "hole-in-the-middle" effect. **Output Power:** 24 watts (two 12 watt channels) peak power 48 watts. Harmonic Distortion: 0.5% at rated output. Frequency Response: 20 to 20,000 cps \pm 1 db. Speaker Output: 4, 8, and 16 ohms. Tone Controls: Bass \pm 10 db at 60 cycles; Treble \pm 10 db at 10,000 cycles. Controls: 4 position selector switch (tape, phono, radio, aux.); Function switch (Monaural: Channel 1, Channel 2, Channels 1 and 2; Stereophonic: normal, inverted). Volume; Bass; Treble; Hi-filter (flat, 4 kc). Lo-filter (flat, 100 cps); Speaker (2 position). Power on-off switch. Dimensions: 15Wx4 3/4Hx12 1/4" O. For 110-220 V, 60 cycles AC. Shpg. wt., 20 lbs.

G-185WX Stereo Amplifier Grey 5.00 Down Net 119.95
 G-182WX Stereo Amplifier Gold 5.00 Down Net 119.95
 Model WE-2 Walnut Cabinet Shpg. wt., 6 lbs.
 G-209W 2.00 Down Net 23.50

NEW! RP-40 COMPLETE FM-AM 40-WATT STEREO MUSIC CENTER



RP40

Combines in one instrument a versatile stereo tuner/control center/amplifier — literally a home music center. The Tuner section features separate FM-AM stereo tuners for monaural reception or receiving the new AM-FM stereo simulcasts. The FM tuner employs a fully tuned RF stage; three wide-band tuned IF circuits and dual limiting action with a ratio detector. Drift free performance is insured with an IN-OUT AFC control. On-chassis provision is made for future addition of a multiplex adaptor. Color-coded Tunetab cueing indicators spot favorite stations on the dial. In addition two sensitive electronic tuning indicators assist tuning. The 40-watt amplifier (20-watts each channel) covers the full audio spectrum to beyond audibility with less than \pm 1 db deviation and 1/2% distortion at full rated output — more than enough power for the lowest efficiency speak-

ers. A "third channel" output may be used for 3-speaker stereo. Front panel features a full range of controls; includes new Bogen programming selector with visual indicators, blend control, independent volume and bass-treble controls for each channel, loudness contour, scratch and rumble filter switches. Circuitry features separate, low impedance cathode follower type outputs and high audio sensitivity. Dimensions: 16Wx6Hx13 1/2" O. For 110-120v 60 cycles AC. Shpg. wt., 37 lbs.

G-316WX Bogen Music Center 10.00 Down Net 329.50
 G-311W Model EN-4 Metal Enclosure Shpg. wt., 6 lbs. Net 10.75
 Model WE-4 Walnut Cabinet Shpg. wt., 6 lbs.
 G-312W 2.00 Down Net 27.75



PR2

BOGEN PR2 STEREO PREAMPLIFIER

A superb stereo preamplifier and control unit. Inputs are furnished for a variety of stereo or microphonic program sources—tuner, high and low level phono, tape head, microphone and multiplex adaptor. Other features include a dual tape recorder output for stereo recording, individual volume, bass and treble controls for each channel plus the convenience of position indicator lights on input selector switch and mode. To insure minimum hum, DC is supplied to all input tubes. **SPECIFICATIONS:** Frequency Response: 20-20,000 cps \pm 1 db; Distortion: Better than 0.4% at rated output; Noise and Hum: High Level inputs — 65 db, Low Level inputs

— 55 db below rated output. Outputs: 2V from cathode followers: **CONTROLS:** 6 position input selector; Dual Volume, Bass and Treble controls; Mode Selector; Stereo reverse-Left Channel-Right Channel-Stereo normal-Monophonic left-Monophonic right; Panel Switches (6) Power, Loudness, Phase, Hi-filter, Lo-filter, Monophonic phono. Size: 15Wx4 1/2Hx8" D. Shpg. wt., 12 lbs., include built-in power supply.

G-190WX Stereo Preamplifier Grey 5.00 Down Net 99.50
 G-191WX Stereo Preamplifier Gold 5.00 Down Net 99.50
 G-205W Model DEG Enclosure and legs, 5 lbs. Net 2.50

BP50 STEREO 50-WATT BASIC AMPLIFIER

(Not Illustrated)

This new 50-watt stereo basic amplifier is capable of undistorted full-range performance with 25 watts output per channel. Ideal for both stereo or monaural use with any preamplifier or tuner with conventional output facilities. Overall distortion is under 0.5% at full rated output, and linearity of response is kept to under \pm 1 db from 20 to 20,000 cycles. Input controls for each

channel help adjust the settings of the program source equipment, as well as aid the alignment of stereo balance. "Third Channel" output is provided. Accepts 4 to 16 ohm speakers. Complete with metal enclosure. Size: 16Wx7 3/4Hx6 1/2" O. Shpg. wt., 25 lbs.

G-317WX 5.00 Down Net 99.50



DB130A

DB130A 35 WATT AMPLIFIER

A superb 35 watt high fidelity monaural amplifier with professional features and performance. Easily adapts to stereo without modifications. **SPECIFICATIONS:** Power Output: 35 watts; tone burst peak power: 100 watts. Frequency Response: 15-30,000 cps \pm 0.5 db. Harmonic Distortion: 0.3% at 35 watts. Intermodulation Distortion: 1.5% at 35 watts. Gain: Phono (Lo Mag) 113 db; Phono (Hi Mag) 105 db; Aux Tape, Tuner: 85 db. Hum and Noise: Fundamental — 85 db; Low Level Inputs — 60 db; High Level Inputs — 80 db. Inputs: Low Magnetic, High Magnetic, Hi-Fi Crystal, Tuner, Tape, Auxiliary. Outputs: Speaker(s), Tape. Controls: Power (ON-OFF), Volume, Bass + 15 . . . 0 . . . —15 db. Treble + 15 . . . 0 . . . —15 db. Contour (Loudness Contour): 0, —5, —10, —20,

—30 db. Selector (Inputs): Phono, Radio, Tape, Aux. Equalizer; Selector US78, EU78, AES, RIAA, COL LP, NAB, POP. Damping factor: +0.1 . . . Infinity . . . —1.5 (continuously variable). Lo Filter: Flat, 50 cps, 100 cps, High Filter: Flat, 8,000 cps, 4,000 cps. Speaker selector A, AB, B. Tape Monitor (ON-OFF). Aux. adj.: Auxiliary channel level-set control. Hum adj.: adjustment for minimum hum. Output Impedances: 16, 8, 4 ohms. Tuner Tape, Aux—500K—110—120 Volts 60 cps AC. Overall dimensions 15Wx4 3/4Hx12 1/4" O. Shpg. wt., 23 lbs.

G-194WX Monaural Amplifier 5.00 Down Net 129.50
 G-186W Model BEG Enclosure and Legs, 4 lbs. Net 7.50

HIGH FIDELITY COMPONENTS *Bogen*



NEW! TP-40 STEREO AM-FM TUNER

Contains advanced circuitry insuring full range, reliable reception of AM- and FM simultaneous stereo broadcasts. Sensitivity as low as 1 microvolt. Built-in antennas for both AM and FM. AM receiver has shielded rotatable loopstick and TRF. FM circuit features tuned RF, IF with 3 circuits and 2 stages of amplification, dual limiting with ratio detector. Unique tuning aids provided. A predetermined level of automatic interstation hush retains "tuning presence." Continuously variable Automatic Frequency Control has IN-OUT switch on front panel. Two, new tuning indicators for AM and FM used. Tuner is equipped with color-coded TUNE TAB cueing indicators for spotting favorite stations on the dial — eliminating repeated reference to station frequencies. Multiplex output and chassis provision for adapter. Well regulated self-contained power supply, Cathode follower outputs. Dimensions: 16x6x9" deep. For 110-120V., 60 cycles AC. Shpg. wt., 20 lbs.

G-313WX Stereo AM-FM Tuner 5.00 down Net 189.50
Model EN-5 Metal Enclosure Shpg. wt., 5 lbs.
G-314W Net 8.50
Model WE-5 Walnut Cabinet. Shpg. wt., 8½ lbs.
G-315W 2.00 Down Net 23.50



ST442 STEREO FM-AM TUNER

A professional quality instrument for FM, AM, or stereo FM-AM, with superb sensitivity and selectivity on both AM and FM tuning bands. Advanced FM circuitry includes Automatic Frequency Control—stations are "locked in". Automatic Volume Control in both FM and AM provides constant sound levels even with distant stations, prevents overloading under strong signal conditions. Fine tuning is easy with the visual FM-AM tuning meter. Other features include: Cathode follower outputs; built-in FM and AM antennas; provision for Multiplex adapter built-in.

SPECIFICATIONS: Sensitivity: FM 1.5 μ V—30 db quieting at 75 ohm input, and 3.0 μ V—30 db quieting at 300 ohms input. AM: Loop Sensitivity—100 μ V/meter for 20 db S/N. Frequency Response: FM: 20-18,000 cps. \pm 5 db; AM: 20-4,500 cps \pm 1.5 db. Controls: Selector Switch—Stereo (FM-AM), FM, AM, Multiplex, AFC out; FM Tuning; AM Tuning; Power Switch. Tubes: 1-6AB4, 1-12AT7, 2-6AU6, 2-6BA6, 1-6BE6, 1-12AU7, 1-EZ80, 2 prematched IN542 crystal diodes, 1-IN541 crystal diode. Power Requirements: 117V. 60 cps AC, 80 watts, .75 amp. Size: 15x4¼x12¼". Shpg. wt., 20 lbs.

G-197WX Stereo FM-AM Tuner, Grey Net 149.50
G-186W Model BEG Enclosure and legs, 4 lbs. Net 7.50



FM51 FM TUNER

Extreme sensitivity and selectivity assure clear reception of even weak and distant stations. Automatic Frequency Control "locks in" stations at their optimum listening point. Low noise front section consists of double tuned RF amplifier and two IF stages. Ratio detector plus limiter for dual limiter and discriminator functions. "Magic Eye" tuning assures easy pinpointing of stations. Other features include a built-in line antenna and built-in provision for Multiplex adapter. **SPECIFICATIONS:** Sensitivity: 1.25 μ V, 30 db quieting at 75 ohm input, 2.5 μ V, 30 db quieting at 300 ohm input. Selectivity: 180 kc, 3 db. down. Frequency Response: 20-18,000 cps \pm 0.5 db. Audio Output: IV, high impedance. Controls: Selector; Power (ON-OFF), AFC Out, Tuning. Outputs: Normal (for amplifier, disc or tape recorder) and multiplex. Power Requirements: 117V. 60 cps AC, 50 watts. 0.5 amp. Tubes: 1-6AB4, 1-12AT7, 1-ECC81, 4-6AU6, 1-6X4, 1-EM840, 2 matched IN542 Xtal diodes. Size: 12Wx4¼Hx12¼"D. Shpg. wt., 14 lbs.

G-198WX FM TUNER 5.00 Down Net 115.00
G-199W Model AEG Enclosure and legs 3 lbs. Net 6.00

RB115 FM/AM TUNER AMPLIFIER

This exciting receiver not only does triple duty as a superb AM-FM tuner, a powerful amplifier and a complete preamplifier, but it can also function as the nucleus of a complete stereo high fidelity system. Response: 20-20,000 cps \pm 1 db. Power Output: 15 wats at less than 2% distortion. Sensitivity: FM: 3.5 μ V for 30 db quieting; AM: 5 μ V for 20 db s/n. Selectivity: FM: 180 KC, 3 db; AM: 8 KC, 3 db. FM circuit Armstrong type with limiter and Foster-Seeley discriminator. Controls: compensated volume control; loudness OFF-ON switch; Bass; Treble; Equalization selector

switch (old, 78, RIAA, AFC out, FM, AM, AUX); Lo filter at 100C, Hi Filter at 4 KC, Speaker Selector Switch (A, AB, B), tuning. Output Impedances: 4, 8, and 16 ohms. Tubes: 13 (plus 3 crystal diodes). Power requirements: 85 ma at 117 volts 60 cps. Size is 15Wx4¼Hx12¼"D. Shpg. wt., 21 lbs

AM-FM Tuner Amplifier
G-204WX 5.00 Down Net 159.50
Model BEG Enclosure with legs Shpg. wt., 4 lbs.
G-186W Net 7.50



McIntosh Professional Quality HI-FI EQUIPMENT



C20 STEREO COMPENSATOR

Full stereo flexibility provided plus built-in protection for your investment in monophonic records. Mode Selector has: 6 positions including Stereo, Stereo Rev., Left Channel on left speaker only, Right channel on right speaker only, Left channel on both speakers, and Right channel on both speakers. Separate treble and bass tone controls. Has separate channel back panel controls to balance the frequency response of the system independent of front panel controls. Equalization, separate bass and treble 6 position switches, including NAB tape and flat for any low level flat source. Provides Fletcher-Munson compensation, continuously variable. Rumble filter and 2-position (9KC and 5KC) high frequency cutoff. 180° phase reversal control. input sensitivity: High level — 0.25V; phono — low 2.5 mv, high 12.5 mv; tape head — low 1.25 mv, high 6.25 mv; tape monitor — 0.25V. Freq. response: \pm 0.5 db 20 to 20 KC. Distortion less than 0.2% at rated output. Outputs: Main — 2.5V with rated input; tape — 0.25V with rated input. Power requirements: 117VAC; 35 watts. A.C. Aux. outlets: 1 unswitched and 3 switched. Less case. Size: 14½x12¼x4¼". Shpg. wt., 19 lbs.

G-170WX 10.00 Down Net 234.00
Model L55. Cabinet for C20 in mahogany or walnut. Shpg. wt., 5 lbs. Specify finish.
G-174W 2.00 Down Net 25.00



MC-240 80-WATT STEREO AMPLIFIER

The MC-240 is the perfect complement for the flexible preamplifier, control center. The use of patented Unity Coupled circuits with bifilar output transformers results in clean power output throughout the audio range and beyond. It has been conservatively rated at 40 watts per channel (stereo), and 80 watts single channel (monaural). Harmonic distortion is less than 0.5% at rated output. Intermodulation distortion is less than 0.5% at twice rated output. Amplifier includes adequate provision for preamplifier power (375v at 15 ma. & 25.2vct at 1.2a) and level adjustment (gain controls for single and twin amplifier inputs). A balance control for stereo channels is provided. Sensitivity, a single channel input of 0.5 volts or dual channel stereo input of 2.5 volts produces full output. Input impedance is 250,000 ohms. Frequency response is \pm 0.1 db from 20-20,000 cps and \pm 1.0 db from 15-60,000 cps at full power output. Hum and noise is better than 90 db below rated output. Phase shift is less than \pm 6° from 20-20,000 cps. Output Impedances (stereo): 4, 8, 16, 125 and 600 ohms; (mono): 2, 4, 8, 16, 32, 62 and 300 ohms. Damping factor is about 10. Tubes are 3-12AX7, 2-12AU7, 2-12BH7 and 4-6L6GC. Chrome and black finish. Size 16¼x10½x7¾". Power consumption 270 watts, 105-130 volts 50/60 cycles AC. Shpg. wt., 56 lbs.

G-179WX 10.00 Down Net 288.00



MR-66 AM-FM STEREO TUNER

Tuner FM section has many circuit features: Cascade RF, 3 IF amplifiers with mechanically captive transformers, dual limiters, and ultra-sonic muting. AFC is variable and has delayed action. FM frequency response: \pm 3 db, 20-20,000 cps. AM sensitivity: 1.5 microvolts. Selectivity is variable. Whistle filter. Contains 18 tubes. Size: 15¼Wx4¼Hx13"D. Shpg. wt., 31 lbs.

G-176WX 10.00 Down Net 325.00
Model L-66 Case for MR-66.
G-177W Mahogany 2.00 Down Net 25.00
G-178W Walnut 2.00 Down Net 25.00

MC-60 60-WATT POWER AMPLIFIER

Amplifier provides 60 watts of power at less than .3% distortion. Frequency response is \pm 1 db, 20-30,000 cps. Hum and noise — 90 db. Power consumption 280 watts, 117/125 volts. 50/60 cps. AC. Size: 14¼x10x8". Shpg. wt., 48 lbs.

G-172WX 10.00 Down Net 219.00

MC-30 30-WATT POWER AMPLIFIER

30 Watt version of MC-60. For 117 V, 50/60 cycles AC. 13¼x8x8". Shpg. wt., 34 lbs.

G-171WX 5.00 Down Net 153.00

BOGEN HI-FI COMPONENTS ARE AVAILABLE ON EASY PAYMENT PLAN—SEE PAGE 318

Page 29

STEREOPHONIC HIGH



**"STEREO FESTIVAL" II TA260
60-WATT STEREO RECEIVER**

Quality and complete flexibility have been integrated into a single compact instrument that includes separate AM and FM sections, dual preamplifier and a powerful 60 watt stereo amplifier (30 watts each channel). The Tuner section may be utilized for simulcast FM-AM stereo reception or monaurally on AM or FM. Separate flywheel tuning is furnished for AM and FM. The FM circuit features a low noise front end with wide band, coupled IF stages, Armstrong circuit, wide band Foster Seeley discriminator and Automatic Frequency Control. Sensitivity is 2.5 microvolts for 20db of quieting. Provision is made for the addition of a multiplex adaptor. AM Tuner has low noise, high gain RF pentode, wide band IF stage, AVC and a High-Q ferrite loopstick antenna. Controls include: Dual friction-clutch tone controls for each channel, a new blend-mode control, speaker phasing, program reversal, loudness control, contour, rumble and scratch filters, separate tape and phono equalization, and an illuminated push-button on/off switch. Frequency Response: ± 1 db 10-55,000 cps at 1 watt; Distortion: 0.5% at rated output. HI Level Hum and Noise is -85db; Crosstalk is better than -50db. A 3rd channel amplifier output is provided for 3 channel stereo. Features 4-7355 beam pentodes in fixed-bias push-pull output with DC on preamplifier filaments. Size: 15 $\frac{1}{4}$ "W x 6 $\frac{1}{2}$ "H x 12 $\frac{3}{4}$ "D. Power Consumption: 195 watts. Shpg. wt., 44 lbs. Handsome finished in brushed gold and charcoal brown. Shpg. wt., 44 lbs. For 117 Volts, 50/60 cycles AC.

- G-241WX Stereo Festival II 10.00 Down Net 299.95
- G-242W CX24 Metal Enclosure Shpg. wt., 3 lbs. Net 12.95
- G-214W WW30 Walnut Enclosure 2.00 Down, Shpg. wt., 3 lbs. Net 29.95



**"BALLAO" A230 DUAL STEREO
PREAMP WITH 15 WATT AMPLIFIERS**

A superb stereo amplifier incorporating dual preamps and dual 15 watt power amplifiers on one strikingly handsome chassis. Equally effective for monophonic or stereophonic reproduction. Among its many new Features are: H-K Friction-Clutch tone controls adjusting bass and treble separately for each channel, locking automatically for ganged operation. Third Channel Speaker Selector permits the addition of a 3rd channel speaker. Self bias of the output tubes assure the finest trouble-free performance. Has illuminated push-button on/off switch. Front Panel Controls include: Treble (dual), Bass (dual), Loudness, Balance, Mode (Stereo, stereo rev., mono., mono. right & left), Function (tape hd./phono lo, phono hi, tuner and aux./tape hi), Rumble Filter, Contour, 2 Speaker Selector Switches, push-button On/Off. Chassis Control has 2 hum adjustments and 2 output tube balance controls. Rear Panel Controls: Equalization for tape NARTB and phono RIAA channels. Speaker Impedance Selector switch, and a Speaker Phasing switch. Output level is 15 watts per channel at less than 1% harmonic distortion. Frequency response ± 1 db 15-70,000 cycles at normal listening level. Hum inaudible. Channel crosstalk better than -50 db. Input levels: Aux., tuner and phono (hi) 300 mv. phono (lo) 3 mv, at 1 KC., will not overload with input level below 180 mv., tape—1 mv at 250 cps. Tape output recording level: 2 volts from each channel. Output impedance: 8 and 16 ohms. Has 2 switched AC outlets. Less cabinet, 117 Volts, 50/60 cycles AC. Size: 13 $\frac{3}{8}$ x 11 $\frac{1}{2}$ x 4 $\frac{3}{4}$ ". Shpg. wt., 20 lbs.

- G-216WX 5.00 Down Net 109.95
- AC23 Enclosure for A230
- G-217W Shpg. wt., 2 lbs. Net 7.95



**"STEREO RECITAL" TA224 30-
WATT STEREO HI-FI RECEIVER**

A complete stereo instrument at a moderate price. Includes a powerful 30-watt stereo amplifier (15-watts each channel) with dual preamplifier and separate sensitive AM and FM sections — all on one compact chassis. The FM tuner section features an Armstrong circuit with pentode limiter, wide band Foster-Seeley discriminator and Automatic Frequency Control. Sensitivity is 2.5 microvolts for 20 db quieting. Antenna input 300 ohms. Provision has been made for the addition of an FM multiplex adaptor for future stereo FM. AM circuitry employs a low noise, high gain pentagrid converter, wide band IF, AVC, and a high-Q ferrite loopstick antenna. The amplifier section furnishes a Frequency Response of 15-30,000 cps ± 0.5 db at normal listening level. Low Level Hum is 60db below 15 watts. Output Impedance is 8 & 16 ohms. D.C. heated preamplifier filaments insure freedom from hum. A total of 9 front panel controls including Dual Loudness, Dual Bass, Dual Treble and a Blend Control designed to eliminate "hole-in-the-middle" effect by introducing a continuously variable cross-feed between the two channels. Finished in brushed copper or gold. Size: 15 $\frac{1}{4}$ "W x 6 $\frac{1}{2}$ "H x 12 $\frac{3}{4}$ "D. Power Consumption: 130 watts. Shpg. wt., 30 lbs. For 117 Volts, 50/60 cycles AC.

- G-236WX Gold 5.00 Down Net 199.95
- G-237WX Copper 5.00 Down Net 199.95
- G-238W CX24 Metal Enclosure Shpg. wt., 3 lbs. Net 11.95
- G-214W WW30 Walnut Enclosure 2.00 Down, Shpg. wt., 3 lbs. Net 29.95
- G-215W FW30 Fruitwood Enclosure 2.00 Down, Shpg. wt., 3 lbs. Net 20.95



"SONNET" T230 STEREO AM & FM TUNER

The T230 engineered with skill and precision is the companion tuner to the A230 stereo amplifier. It incorporates separate AM and FM sections for receiving stereo broadcasts through one unit. Can be readily adapted for multiplex reception. The Sonnet employs a new low noise front end consisting of grounded grid, cathode fed RF amplifier, double tuned over-coupled RF interstage, and low noise grid-fed triode mixer, followed by wideband transitionally coupled IF stages. Features Armstrong circuit with pentode limiter, wideband Foster-Seeley discriminator and automatic frequency control. The AM circuit is a superheterodyne with AVC and a new built-in ferrite loopstick antenna. FM Section—sensitivity 3.5 microvolts for 20 db of quieting on 300 ohms antenna input. Hum level: 60 db below 100%

modulation. Distortion: less than 3% IM at 100% modulation. Frequency response: ± 0.75 db 20-20,000 cps. Output level is 1.5v for 100% modulation. High impedance output. AM Section—Sensitivity: 80 microvolts per meter. Distortion: 10% harmonic. Frequency response: ± 3 db 20-7,000 cycles. Hum level: 45 db below 80% modulation. Total of 3 Controls: FM tuning, Function Selector (Off, FM, FM-AFC, AM, Stereo) and AM tuning. 3 rear panel Outputs: AM-FM Monaural and AM stereo, AM stereo, FM Multiplex, Escutcheon finish in brushed copper. Complete with a handsome enclosure. Has one switched AC outlet. Power consumption: 40 watts. Size: 13 $\frac{3}{8}$ x 12 $\frac{1}{4}$ x 4 $\frac{3}{4}$ ". Shpg. wt., 18 lbs. For 117 Volts, 50/60 cycles AC.

- G-224WX 5.00 Down Net 119.95



THE "LUTE" A220 STEREO AMPLIFIER

An amplifier designed to bring quality component stereo within the reach of everyone. The "Lute" incorporates dual stereo preamps and two hum-free, distortion-free 10 watt power amplifiers all in one handsome copper and black chassis. Peak power is 20 watts for each channel. The A220 is equally effective as a single 20 watt monaural amplifier; for those preferring to start out with one speaker with the thought of eventually enlarging their system for stereo. With the new illuminated push button on/off switch you need only set the controls once—and simply press the button for superb performance every time. Controls include an extremely

effective balance control, separate ganged treble and bass controls, a ganged dynamic loudness control and complete stereo-monaural function switch. Provided are inputs for magnetic phono, crystal or ceramic phono, tuner/aux: 2 stereo tape output receptacles and an AC convenience receptacle. Frequency response is 20-20,000 cycles ± 1 db at normal listening level with harmonic distortion at less than 2% at 10 watts and $\frac{1}{2}$ % at 5 watts with readings taken at 1,000 cycles. Dimensions are 14 $\frac{1}{4}$ "W x 10 $\frac{1}{2}$ "D x 4 $\frac{3}{4}$ "H (excluding knobs). Shpg. wt., 14 lbs. For 117 Volts, 50/60 cycles AC.

- G-220WX with cage 5.00 Down Net 79.95



THE "ARIA" T220 STEREOPHONIC HIGH FIDELITY TUNER

A superbly engineered instrument with performance and features of tuners costing substantially more. Designed as the companion unit to the A220 amplifier. "The Aria" is ideal for receiving the new simulcast AM/FM stereo broadcasts. In addition a multiplex output is furnished for future FM stereo. The FM circuit features a low noise front end consisting of a shaded grid low noise RF amplifier, diode mixer and wide band, transitionally coupled IF stages. Armstrong circuit with pentode limiter, wide band Foster-Seeley discriminator and Automatic Frequency Control. Sensitivity: 2.5 microvolts for 20db quieting; Antenna Input: 300 ohms; Distortion: Lower than 1% (IHF); Hum Level: 60db below 100% modulation; Range: 88-108 megacycles; Frequency Re-

sponse: ± 0.75 db 30-15,000 cps. AM section has a low noise pentagrid converter, wide band IF stage, AVC and a high-Q ferrite loopstick antenna. Range: 530-1640 KC; Distortion: 1% harmonic; Hum Level: 45db below 80% modulation. Controls include separate counterweighted FM and AM tuning and Function Selector; Power Consumption: 30 watts. Dimensions: 13 $\frac{1}{4}$ "W x 12 $\frac{3}{4}$ "D x 4 $\frac{3}{4}$ "H. Handsome brushed brass escutcheon with contrasting black dial face. Shpg. wt., 11 lbs. For 117 Volts, 50/60 cycles AC.

- G-239WX 5.00 Down Net 99.95
- TC-20 Metal Enclosure for T220—Shpg. wt., 2 lbs. G-240W Net 4.95

FIDELITY COMPONENTS

harman kardon



'CHORALE' A260 80-WATT STEREO AMPLIFIER

All the most wanted features for monophonic and stereophonic high fidelity reproduction. Features a third channel speaker selector for three channel stereo. Friction Clutch tone controls adjust bass and treble separately for each channel and lock automatically for ganged operation. Additional features include: Illuminated push button on/off switch, Impedance selector switch chooses 4, 8, or 16 ohms for each channel. Loudness control, Rumble and Scratch filters, Contour, Mode control (stereo rev., Stereo, mono., mono. right and left) and Function Selector (aux. 1, aux 2, tuner, phono, tape head) Output level: 80 watts (40 watts each channel) at less than 0.5% Harmonic Distortion Frequency Response: ± 0.5 db 15-30,000 cps at 1 watt. Hum is 95db below 40 watts. Channel crosstalk better than 50 db. Input level for phono-lo (mag)—3mv at 1 kc; phono-hi 60 mv at 1 KC; tape 1 mv at 250 cps. For 110-120 v 50-60 cycle AC. Size $15\frac{1}{4} \times 4\frac{7}{8} \times 13\frac{7}{8}$ " Shpg. wt., 35 lbs.

G-21EWX 5.00 Down Net 199.95
AC60 Enclosure for A260 Shpg. wt., 2 lbs. Net 12.95
G-219W



"MADRIGAL" ST360A AM & FM STEREO TUNER

The ST360A has separate AM and FM front ends for monaural stereo reception. Accepts MA350 Multiplex Adapter for multiplex FM. The FM section features an Armstrong circuit, Foster-Seeley discriminator, AFC and tuning eye. AM circuit has low noise, high gain RF pentode pentagrid converter, two broad band IF stages, 10KC whistle filter and AVC circuit. FM Sensitivity is 0.9 microvolts for 20db of quieting. Frequency Response ± 0.5 db 20-20,000 cps. Harmonic Distortion is less than 0.8%. Attractive brushed copper escutcheon and black enclosure. Size: $15\frac{1}{4} \times 4\frac{7}{8} \times 13\frac{7}{8}$ ". For 110-120v. 50-60 cycle AC. Shpg. wt., 26 lbs.

G-243WX 5.00 Down Net 199.95

Model CX60 Metal Enclosure for ST360A Shpg. wt., 2 lbs. G-222W Net 12.50

Model MA-350 Compatible Stereo Multiplex Adapter— plugs into chassis of ST360A for reception of the new Crosby compatible FM broadcasts. Shpg. wt., 5 lbs. G-223 2.00 Down Net 49.95



"SONATA" FA-10 FM RECEIVER AMPLIFIER

An exciting 3-in-1 chassis, combining an FM tuner, complete preamplifier and power amplifier in one handsome compact assembly. Easily adaptable to stereo. Tuner circuitry employs a new broad band Foster-Seeley discriminator with limiter and automatic frequency control. RF Specifications: Sensitivity: 2.5 μ v for 20 db quieting; Selectivity: 200 kc bandwidth 6 db down; Distortion: Less than 1% harmonic and IM; Hum Level: 60 db below 100% modulation. Meets FCC radiation specs. Audio Specifications: Output Level: 10 watts at less than 1% harmonic distortion, Speaker Outputs: 8 and 16 ohms; Frequency Response: $\pm .5$ db 15-30,000 cps. Controls: Function (Tape Head, Phono RIAA, FM, AUX), Loudness/ON-OFF, Tuning, full range Treble, Bass and Contour. Size: $13\frac{3}{4} \times 11\frac{1}{2} \times 4\frac{1}{2}$ ". Control panel attractively finished in copper with contrasting black dial face. Supplied with black enclosure. For 117 volts. 60 cycles AC. Shpg. Wt., 18 lbs.

G-228WX 5.00 Down Net 114.95



"ALLEGRO" A-10 10 WATT AMPLIFIER

This unit embodies every important advance in a high fidelity amplifier at a remarkable budget price. Amongst its features are full range treble and bass controls; Frequency response and hum specifications are exceptionally good; ideally suited for stereo adaption and is also the perfect companion for the new F-10 tempo FM tuner. Audio specifications are: Output Level: 10 watts less than 1% harmonic distortion; Peak power: 20 watts; Speaker Outputs: 8 and 16 ohms; Frequency Response: ± 0.5 db 15-30,000 cps at 2 watts and ± 1 db 45-20,000 cps at 10 watts, Hum: minimum vol-

ume 80 db below 10 watts; Input Levels: aux. and tuner .5 volts; Phono 4 μ v. at 1 KC will not overload with input level below 180 μ v; tape 1.5 μ v at 250 cycles. Record Equalization: RIAA, Tape Equalization: 7 1/2 IPS. NARTB. Controls: Loudness, Bass, treble and Functions Selector (Tuner/Aux, RIAA-Phono, Tape head). One convenient AC receptacle on chassis. Size: $12\frac{1}{4} \times 4\frac{1}{2} \times 6\frac{1}{8}$ ". For 117 volts. 60 cycle AC. Complete with enclosure. Control panel is finished in copper, and the enclosure in black. Shpg. wt., 11 lbs.

G-227 2.00 Down Net 49.95



"TEMPO" F-10 FM TUNER

An excellent tuner at a modest price. Incorporates an Armstrong circuit with limiter, Foster-Seeley discriminator, transitionally coupled IF stages plus Automatic Frequency Control. Sensitivity is 3.5 microvolts for 20db of quieting. Distortion is less than 0.5% IM at 30% modulation. Hum level is 60 db below 100% modulation. Frequency Response: ± 0.75 db 30-15,000 cps in-

cluding standard 75 micro-second de-emphasis. Range is 88-108MC with ± 5 KC maximum drift. Output level: 1.5v for 100% modulation. Controls: Power (off-on) and Counter-weighted tuning control. Handsome brushed copper escutcheon with black face. Size: $12\frac{1}{4} \times 4\frac{1}{2} \times 6\frac{1}{8}$ ". Shpg. wt., 10 lbs.

G-244WX 5.00 Down Net 69.95



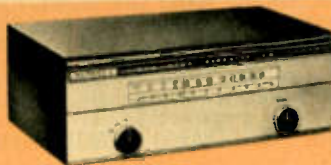
STEREOPHONIC-MONAUURAL HIGH FIDELITY COMPONENTS



707 STEREO AM-FM TUNER AMPLIFIER

Separate sensitive AM and FM tuners with tuning eyes plus a 40 watt stereo amplifier (20-watts each channel) in a single compact instrument. Sensitive FM Tuner section has 2.5 microvolts sensitivity for 20db quieting. Frequency Range: 86.5 to 109.5 mc. AM tuner has a maximum sensitivity of 5 microvolts and features medium selectivity for distant reception and broad for High Fidelity local reception. Frequency Range: 500 to 1700 KC. Provision has been made for adding a multiplex adapter for future FM stereo broadcasts. The amplifier Frequency Response is $\pm .5$ db 20-20,000 cps at 1-watt THD. Is less than 1% at 20 watts. Controls include: Channel balance control, Dual Gain control, Dual Bass control, Dual Treble control, Input Selector, Loudness Contour, Rumble Filter and Stereo Standard Reverse Switch. For 117 volts 60 cps AC. Size: $5\frac{7}{8} \times 15\frac{1}{2} \times 11\frac{1}{2}$ ". Handsome Platinum Gold Finish. Shpg. wt., 35 lbs.

G-552WX 10.00 Down Net 387.00



308A FM TUNER

The ideal companion in appearance and performance to the Altec 353A Stereo Amplifier. Easy finger tip tuning is facilitated by use of a new wide slide-rule dial. Circuitry features a special ratio detector employing a 6AL5 Tube; crystal diode controlled Automatic Frequency Control; souchel circuit in the cathode follower provides 20db quieting between stations; specially developed high gain inductive tuned R.F. section in separate housing and three IF stages including limiter. A multiplex output is provided for future FM stereo reception. Sensitivity is 2.5 microvolts for 20db of quieting. Image Rejection: 40db. IF Rejection: 65db. Frequency Response: ± 2 db 20-20,000 cps. Distortion: less than 2% at 100% modulation and at 1 volt output. Complete with metal cabinet and front panel finished in an attractive Platinum Gold. For 117 volts, 60 cycles AC operation. Dimensions: $14" \times 5" \times 9"$. Shpg. wt., 11 lbs.

G-551WX 5.00 Down Net 120.00



353A 50-WATT STEREO AMPLIFIER

The 353A will furnish 50 watts continuous power output (25-watts each channel). Features include matricing network for three channel stereo, auxiliary speaker connections for stereo or monaural programs, recorder outputs independent of gain and tone controls and dual mike inputs for stereo recording. Includes 14 separate inputs—magnetic and ceramic phono, tape head, tape machine, radio, microphone and multiplex. Six outputs including left, center and right channel outputs, recorder outputs plus auxiliary speaker output. Controls are provided for: Input selector, channel balance, dual gain, dual bass and treble controls for each channel, rumble filter and loudness control switch. Frequency Response: ± 1 db 20-20,000 cps at 25 watts. Less than 1% total harmonic distortion at 25-watts, 1000 cps each channel. Outputs 8 and 16 ohms. Attractive. Platinum Gold front panel. Size $5\frac{7}{8} \times 15" \times 11\frac{1}{2}"$. Supplied with cabinet. For 117 volts 60 cycles AC. Shpg. wt., 35 lbs.

G-550WX 10.00 Down Net 225.00

SEE OTHER PAGES IN THIS SECTION FOR OTHER HIGH FIDELITY EQUIPMENT

THE FISHER... STEREO HIGH



TA-600

TA-600 40-WATT STEREO AMPLIFIER AND RECEIVER

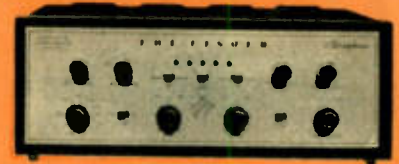
Everything for stereo in one compact unit — incorporates separate stereo FM-AM Tuners, a 40-watt stereo amplifier (20-watts each channel) and Master Audio Control. FM TUNER has cascode RF stage, bridge-type, low noise triode mixer and oscillator, 3 IF stages and wide-band ratio detector. Separate MICRO-RAY tuning indicator. AM TUNER provides rotatable, ferrite loop antenna for strong, noise-free signals. High gain RF stage. Two position bandwidth. 10KC whistle filter. Separate MICRO-RAY tuning indicator. Controls: FM tuning, AM tuning, separate Bass and Treble controls. Input selector (Aux, FM-MPX, FM, AM, phono, Tape Head), Mono-Stereo switch, (Mono-Phono, Rev, Stereo, Chan. A, B), Balance, Volume, Tape Monitor switch, Low and High Frequency filters, AM Bandwidth switch, Loudness Contour switch, Phase Reversing switch, plus 5 input level adjustments. AMPLIFIER has 20 watts per channel. Uniform freq. response. Harmonic distortion less than 1/2% at rated output. Has 5 input connections in each channel and 4 output connections. Size: 17x14 1/2 x 4 3/4". Shpg. wt., 40 lbs. G-119WX Less Cabinet 10.00 Down Net 369.50 Model TA-8. Metal cabinet in simulated leather for the TA-600. Size: 17 1/4 x 13 3/4 x 5 1/2". Shpg. wt., 9 lbs. G-103W Net 17.95



400 CX

400CX STEREO PHONIC MASTER AUDIO CONTROL

The new 400CX preamplifier offers unlimited flexibility for stereo or monaural application. Contains all of the famous Fisher features such as pushbutton program selectors, record-monitor facilities, channel indicator lights, separate bass and treble controls for each channel, plus scratch and rumble filters. Other features include Sonic Null Balancing where balance is achieved by tuning for minimum sound; Stereo Dimension Control furnishes amount of stereo separation from zero to full; Center Channel permits the addition of a 3rd amplifier and speaker for three channel stereo. Frequency Response: 20-20,000 cps \pm 0.5 db. Harmonic Distortion: Less than .04% at 400 cps for 2 volts output. Hum and Noise: 80 db below rated output. Channel Separation is 60 db. For 105-120 volt, 50-60 cycles operation. Size: 15 1/2 x 11 1/2 x 4 3/4". Shpg. wt., 18 lbs. G-117WX (Less Cabinet) 5.00 Down Net 199.50 MC-1 Metal Cabinet in Simulated Leather. Shpg. wt., 9 lbs. G-109W Net 15.95 10-U Custom Wood Cabinets, Mahogany or Walnut. Shpg. wt., 6 lbs. G-101W 2.00 Down Net 24.95



X-202

X-202 50-WATT STEREO AMPLIFIER

A 50-watt stereo amplifier (25 watts each channel) and preamplifier that provides extreme flexibility — Stereo Dimension Control eliminates hole-in-the-middle effect. Center Channel Volume Control allows independent control of a 3rd channel with the addition of an amplifier and speaker. Other controls include separate bass and treble controls for each channel, balance control, master volume control, selector switch, mono-stereo switch, rumble and scratch filter. Frequency Response: \pm 1/2 db from 20-20,000 cps. Hum and Noise: 90 db. IM Distortion: 0.4%. Harmonic Distortion: 0.8% at 50-watts. For 105-120 volts, 50-60 cycles AC. Size: 15 1/2 x 13 3/4 x 12 1/8". Shpg. wt., 30 lbs. G-113WX (Less Cabinet) 10.00 Down Net 229.50 MC-1 Metal Cabinet in Simulated Leather. Shpg. wt., 9 lbs. G-109W Net 15.95 10-U Custom Wood Cabinet in Mahogany or Walnut. Shpg. wt., 6 lbs. G-101W (Specify Finish) 2.00 Down Net 24.95



FM-50

Designed for faultless FM reception. Includes: four IF Stages for maximum gain, broad bandwidth, and high sensitivity plus a wide-band Ratio Detector for maximum AM suppression and minimum distortion. A dual-purpose Micro Ray Tuning Indicator insures precise tuning and also serves as a recording level indicator. Special control permits independent adjustment of signal to tape recorder while listening. Sensitivity is 1.3 microvolts for 20 db quieting. An output jack is provided to connect a Multiplex Adaptor for future FM stereo. Controls include: Recording Level, Selector with interstation noise sup-

FM-50 WIDE-BAND FM TUNER

pressor, Sensitivity control and Tuning control. For 105-120 volt, 50-60 cycle AC. Size: 15 1/2 x 8 3/4 x 7 3/4". Shpg. wt., 12 lbs. G-125WX 5.00 Down Net 129.50 MC-1 Metal Cabinet in Simulated Leather. Shpg. wt., 9 lbs. G-109W Net 15.95 10-U Wood Cabinets — Mahogany or Walnut. Shpg. wt., 6 lbs. G-101W 2.00 Down Net 24.95



X-100

Typical Fisher quality has been engineered into this new 36-watt stereo amplifier (18 watts of Music Power per channel). A total of seventeen front-panel controls and switches provide: Center Channel output for 3 channel stereo; Separate Bass and Treble controls for each channel; Scratch and Rumble filters; Channel Balance control; Loudness Balance and Recording. Monitor Switch for recording through the X-100 and monitoring (with 3-head tape recorders). Harmonic Distortion is 0.8% at full rated output. Hum and Noise more than 90db below full rated output. Unit utilizes 5% low-noise

X-100 36-WATT STEREO AMPLIFIER

resistors and 10% mylar capacitors for all critical applications. For 105-120 volts, 50-60 cycle operation. Size 15 1/2 x 4 3/4 x 11 7/8". Shpg. wt., 22 lbs. G-116WX 5.00 Down Net 159.50 MC-1 Metal Cabinet in Simulated Leather. Shpg. wt., 9 lbs. G-109W Net 15.95 10-U Wood Cabinet—Mahogany or Walnut. Shpg. wt., 6 lbs. G-101W 2.00 Down Net 24.95



SA-300B

Two 45-watt laboratory quality basic amplifiers integrated into one unit for stereo. Frequency Response — 5db at 20 to 20,000 cps. Hum and Noise is more than 100db below rated output. Harmonic Distortion is less than 0.1% at full rated output. Inter-modulation distortion is less than 0.35% by SMPTE American Standards. Only 0.8 volts input is required at 1000 cycles for rated

SA-300B 90-WATT STEREO AMPLIFIER

output in each channel. Input impedance approximately 160,000 ohms, 4, 8, 16 ohm speaker impedance terminals. Controls consist of Input Level, AC Balance, DC Balance and Hum Balance controls in each channel; Balance Adjust switch and Bias Control. Operates on 105-120 volts, 50-60 cycles AC. Size 16 1/2 x 7 1/2 x 6 1/8". Shpg. wt., 36 lbs. G-123WX 5.00 Down Net 199.50



100-T

Two fully independent preamplifier channels have been coupled with independent FM and AM sections. FM tuner section features cascode RF stage. Provision has been made for the Fisher MPX-20 Multiplex Adaptor. Sensitivity: full limiting with only 1 uv signal. Wide band ratio detector AVC plus 3 IF stages. Automatic noise suppression and Microray tuning. AM section contains tuned RF; 10 kc cut-off filter. High gain IF, AVC and Microray

MODEL 100-T INTEGRATED STEREO FM-AM TUNER WITH MASTER AUDIO CONTROL

tuning. Stereo preamplifier section features nineteen controls for every stereo application. Response 20 to 20,000 cps \pm 1 db. Seven inputs for all types of equipment. Provision for 3rd center channel output. Size: 15 1/2 x 4 3/4 x 11 1/8". Shpg. wt., 20 lbs. G-110WX 10.00 Down Net 249.50 Model MC-1 Vinyl covered metal cage for 100-T. G-109W Net 15.95



202-T

Fisher's finest stereo tuner and preamplifier combination has all the features of the 100T (listed above) plus increased sensitivity, Tape Monitor and Muting Switches. For 105-120 volts, 50-60 cycles. Size 4 3/4 x 15 1/8 x 12 7/8". Shpg. wt., 25 lbs. G-107WX 5.00 Down Net 119.50

202-T INTEGRATED FM-AM STEREO TUNER AND MASTER AUDIO CONTROL

Model MC-1 Vinyl covered metal cage for 202-T. Shpg. wt., 9 lbs. G-103W Net 17.95



SA-100

MODEL SA-100 50-WATT STEREO AMPLIFIER

Two separate channels deliver up to 25 watts of music power for each section. Response 20 to 20,000 cps \pm 0db — 1/2 db. Sensitivity: 1.0 volt. Harmonic Distortion 0.1% at 20 watts of music power. IM Distortion 0.3 at full power. Dual 4, 8 and 16 ohm speaker connections. Third channel output. 105-120 volts AC at 60 cycles. G-107WX 5.00 Down Net 119.50

FIDELITY COMPONENTS THE FISHER



TA-800



202-R



100-R

TA-800 60-WATT STEREO AMPLIFIER AND FM-AM RECEIVER

A complete stereo instrument integrating a 60-watt stereo amplifier (30-watts each channel) and two separate sensitive FM-AM Tuners for monaural or stereo reception. 24 controls offer unlimited flexibility. The 30-watt amplifiers provide more than enough power for today's low efficiency speakers. FM Tuner circuit utilizes Golden Cascade RF, triode mixer, high-gain wide-band IF amplifier and automatic interstation noise suppressor. Sensitivity is 1 microvolt for 20db quieting. AM section features a high gain RF, 10KC whistle filter and a high-gain IF with three-position AM band-width to assure high-fidelity FM-AM stereo. Individual Micro-Ray Tuning indicators are provided for FM and AM. Controls include: Master Volume, Selector Switch (Aux, FM-MPX, Tuner, Phono and Tape Head) Mono-Stereo Switch, FM and AM Tuning Controls, Tape Monitor Switch, Separate Bass and Treble controls for each channel, Rumble and Scratch filters, Loudness Contour, Center Channel Volume, Balance and Phase Reverse. Frequency Response: 19-32,000 cps. Harmonic Distortion: 0.5% at 1KC full rated output. Hum and Noise: — 66db Phono. Employs 4 new 7591 pentode output tubes. Sizes 17x 13 1/2 x 4 1/2". Shpg. wt., 40 lbs.

G-114WX 10.00 Down Net 429.50
 TA-8 Simulated Leather metal cabinet Shpg. wt., 9 lbs.
 G-115W Net 17.95

202-R GOLDEN CASCADE STEREO FM-AM TUNER

Independent FM and AM circuits for stereo or monophonic reception. Exclusive new Fisher Autotune AFC, Golden Cascade front end plus six IF stages represent a revolutionary departure in tuner design. Five extremely wide-band limiters furnish a capture ratio of 1.5db. Additional features include: Electronic switch muting for Interstation Noise Suppression and a Local-Distant Switch on FM for optimum reception in all locations. AM section has AVC; high-gain, low noise RF stages; 4-position bandwidth switch plus a sensitive, rotatable ferrite antenna. FM sensitivity: 1 microvolt for 20 db of quieting. Response: 20-20,000 cps ± 1/2 db 16 tubes, 4 diodes, AFC Varicap and rectifier. Accepts 10u cabinet. For 105-125V 50-60 cycles AC. Size: 15 1/4 x 12 3/4 x 4 1/2". H. Shpg. wt., 25 lbs.
 G-128WX 10.00 Down Net 329.50

FM-200 GOLDEN CASCADE FM TUNER (NOT ILLUSTRATED)

Typical Fisher quality is reflected in this excellent FM Tuner. Essentially the same FM circuitry contained in the 202-R (described above.) An automatically operated AFC enables absolutely precise tuning. Six IF stages, sensitive Golden Cascade front end, five wide-band limiters provide a 20-20,000 cps frequency response ± 1/2db with a 1.5db capture ratio. Electronic Switch muting effectively provides interstation noise suppression. 11 tubes, 5 diodes plus an AFC Varicap diode and selenium rectifier. Size: 15 1/4 x 4 1/2 x 12 3/4". D. Accepts Fisher MC-10 or 10u Cabinets. For 105-125V 50/60 cycles AC. Shpg. wt., 18 lbs.
 G-127WX 10.00 Down Net 229.50

100-R FM-AM STEREO PHONIC TUNER

Furnishes every type of tuner operation; FM-AM stereo, FM multiplex stereo (with multiplex adapter) plus FM and AM monaural. The level of performance provided will meet the requirements of the most exacting audio enthusiast. Circuitry employs a "Cascade" front-end, with sensitivity of only 1.6 microvolts for 20db of quieting. Three IF stages provide high gain and insure good selectivity. Harmonic distortion is less than 0.7% at 100% modulation. A wide-band ratio detector suppresses random noises and assures drift-free reception. Frequency Response is 20-20,000 cps ± 1 db. Precise tuning on both FM and AM, even with minimum signals is insured by the Fisher dual-display Micro Ray Tuning Indicator. Tuned IF stage on AM delivers reception comparable to FM quality. Optimum reception is furnished by a precision aligned Ferrite Loop antenna. Controls include: Two-position AM bandwidth switch and two output level controls. Ten tubes, plus two diodes and one selenium bridge rectifier. Accepts 10u Cabinet. For 105-125V 50/60 cycles AC. Size 15 1/4 x 4 1/2 x 12 1/2". Shpg. wt., 20 lbs.

G-126WX 5.00 Down Net 199.50

FAMOUS LAFAYETTE 50-WATT STEREO PHONO SYSTEM WITH TRANSCRIPTION TURNTABLE AND TONEARM

SUPERB COMPONENTS

Lafayette LA-250A 50-watt Stereo Amplifier	99.50
Lafayette PK-240 Transcription Turntable	37.50
Lafayette — Panasonic PK-441 Integrated Transcription Tonearm with Diamond Stylus Moving Magnet Cartridge	32.50
2-Lafayette-Goodmans SK-110A 12" 3-Way Speakers @ 47.50 each	95.00

LAFAYETTE SYSTEM Regular Catalog Price ~~264.50~~

PRICE **236.50** You Save **28.00**
 Only 10.00 Down

Magnificent Stereo Performance — Carefully evaluated and matched by experts, these Lafayette components form an outstanding stereo system, offering the highest level of stereo performance for your home.

- System is centered about the superb Lafayette LA-250A 50-Watt Stereo Amplifier (25 watts each channel). A product of Lafayette's research and development program, this amplifier incorporates facilities for every stereo and monophonic use and is engineered to meet the most critical professional standards.

- The Lafayette PK-240 Transcription Turntable features a 3 lb. 12" Aluminum Table and is combined with the new Lafayette-Panasonic PK-441 Integrated Transcription Tonearm, with diamond stylus moving magnet cartridge for top performance and long record wear.
- 2-Lafayette-Goodmans SK-110A 12" 3-way speakers with 1 3/4 lb. Magloy magnets furnish a quality of reproduction equal to the original performance.

Stereo Phono System as listed above. Shpg. wt., 65 lbs.
 HS-100WX 10.00 Down Net 236.50
 System as above, in Lafayette Eliptoflex bookshelf enclosures for SK-110A Speakers. Finished on 4 sides in choice of Mahogany, Walnut and Blonde. Shpg. wt., 114 lbs.
 HS-101WX 10.00 Down Net 299.50
 Same as HS-100WX, but includes RC88/II 4-speed record changer with choice of Pickering 380C or Shure M7D Diamond Needle Stereo Cartridge. Shpg. wt., 65 lbs.
 HS-102WX 10.00 Down Net 236.50
 See Index for Turntable and Record Changer Bases.



LA-250A STEREO AMPLIFIER



PK-441 PANASONIC TONE ARM



LAFAYETTE GOODMANS SK-110A



LAFAYETTE PK-240 ON OPTIONAL BASE

OPTIONAL



ELIPTOFLEX ENCLOSURES



GARRAD RC/88 MARK II CHANGER

ENJOY A NEW REALISM IN SOUND WITH LAFAYETTE STEREO HI-FI

Pilot STEREO HI-FI COMPONENTS



240



602



248

240 STEREO PREAMP-AMPLIFIER

The 30-watt stereophonic preamp-amplifier that represents the best value in its class. Four independent tone controls. 3 pairs of high level inputs for permanent simultaneous connection of FM-AM tuner, Multiplex adapter and tape recorder. 2 pairs of low level inputs for permanent connection of record changer and turntable. Direct tape playback facilities. Terminals for extension speakers, with front panel speaker selector switch. Electronic crossover for monophonic bi-amplifier use. Automatic shut-off. Mono position on Mode switch automatically cancels out undesired vertical stereo response when playing monophonic records. Eleven front panel controls. Specifications— Power outputs: 30 watts total; 15 watts per channel, music power. Sensitivity for full output phono; 3 mv; FM-AM multiplex, tape recorder, 110 mv. Harmonic distortion 1%. Hum and noise 80 db below full output. Frequency response ± 1 db, 20 to 20,000 cycles. Size: $5\frac{3}{4}$ " high x $14\frac{3}{4}$ " wide x $10\frac{3}{4}$ " deep. Shpg. wt., 23 lbs. Complete with enclosure. G-386WX 5.00 Down Net 134.50

602 STEREOPHONIC 30 WATT AMPLIFIER & FM-AM TUNER

It's a 30-watt Stereo Amplifier, Stereo Preamp, and Stereo FM-AM Tuner — most compact all-in-one stereo component available. The amplifier section delivers a power output of 30 watts total (15 watts per channel). Frequency response is 20-20,000 cps. ± 1 db. Hum and noise is completely inaudible, 80 db. below full output. The Tuner section furnishes separate sensitive FM and AM sections for monaural reception of the new FM-AM stereocasts. Provision has been made for the connection of a multiplex adapter for stereo FM. FM sensitivity is 2 microvolts for 20 db. of quieting. The 602 also features the Pilot Stereo Plus center channel output which provides for three speaker stereo without requiring an additional amplifier. A handsome addition to any room — place the 602 on a shelf or table top or install in your custom cabinet or wall unit. Complete with metal enclosure. Shpg. wt. 25 lbs.

G-387WX 10.00 Down Net 249.50

248 STEREO CONTROL CENTER AMPLIFIER

A highly versatile unit containing a basic 60-watt (30 watts per channel) stereo amplifier and a multi-purpose pre-amplifier on the same chassis. Offers 7 pairs of non-shorting inputs for all signal sources and a total of 13 front and back controls and switches for maximum operational flexibility. Response: ± 1 db, 20-20,000 cps. Harmonic Distortion; less than 0.5%. Hum; down 80 db. Output connection for 4, 8, and 16 ohms plus center speaker. The perfect basic unit for a stereo high fidelity installation where space is at a premium.

STEREO-PLUS curtain of sound provides for center speaker in applications where two speakers are separated by a large distance. Fills the "hole-in-the-middle." Contains 11 tubes plus 4 silicon diodes. Size $4\frac{3}{4}$ "x $14\frac{3}{4}$ "x $10\frac{3}{4}$ ". For 105-120 volts. 60 cps AC. With case. Shpg. wt., 30 lbs.

G-388WX 10.00 Down 249.50



654

MODEL 654 44 WATT STEREOPHONIC AMPLIFIER & FM-AM TUNER

A new compact all-in-one Stereo Amplifier, Stereo Pre-amp, and Stereo AM-FM Tuner. Amplifier section delivers 44 watts (22 watts per channel) utilizing 4-7591 tubes (2 per channel). Frequency response 20-20,000 cps. ± 1 db. Hum suppressed 80 db below full output. Slide switches are included for tape monitoring, and rumble or scratch compensation. Tuner section features separate AM and FM channels for monaural reception of AM-FM stereophonic broadcasts. Provision is made for a multiplex adapter should stereophonic FM be desired at a later date. Features the Pilot "Stereo-Plus" center channel output which provides for three speaker stereo without requiring a third amplifier. FM sensitivity 2 microvolts for 20 db of quieting. Makes a handsome addition to any room and to any hi-fi installation. Can be placed on a shelf in its cabinet or installed in a custom cabinet or wall unit. Complete with metal enclosure. Shpg. wt. 25 lbs.

G-391WX 10.00 Down Net 299.50

216A STEREO PREAMP AND AUDIO CONTROL CENTER

An exceptionally versatile professional type preamplifier and audio control center for high quality stereo systems. Two VU meters to indicate tape recording output level or visually balance both channels. Meter Function switch to select meter operation. 14 inputs—6 high level for FM-AM tuner, Multiplex adapter, tape recorder; 8 low level including two each for record changer, turntable, tape head and microphone. Automatic shutoff enables record changer to turn off complete system after last record. 4 independent feedback-type tone controls. Electronic Crossover for monophonic bi-amplifier use. Mono position on Mode switch automatically cancels out undesired vertical stereo cartridge response when playing monophonic records. 4 outputs: two audio, two tape recorder with tape output unaffected by volume or tone controls. Separate tape output gain controls for each channel for tape recording. Low-level audio tube filaments DC powered. Feedback equalizers. Frequency response ± 1 db from 20 to 20,000 cycles. Audio output, 1 volt. Tape output, 0-1.3 volts adjustable for zero VU. Harmonic distortion, 0.2% (2/10 of 1%) at maximum sensitivity. Hum and Noise, 80 db below 1 volt. Equalization: RIAA automatically. LP, NAB, AES at calibrated points on tone controls. NARTB tube equalization and MIC flat frequency response automatically. 10 tubes including rectifier. Complete with enclosure. Size: $5\frac{3}{4}$ " high x $14\frac{3}{4}$ " wide x 11" deep. Shpg. wt., 20 lbs.

G-375WX 5.00 Down Net 199.50



216A

MODEL 480 AM-FM TUNER

A quality AM-FM Tuner at a popular price. Can be used for AM, FM, or AM-FM Stereophonic broadcasts. Comes ready for the connection of the multiplex adapter (optional accessory) for the latter operation. FM coverage features Pilot's wide band linear detector making tuning non-critical for optimum performance. High sensitivity is obtained by employing a triode RF amplifier, converter, two high gain IF stages, and a saturation limiter stage. Drift is avoided thru use of a temperature compensated oscillator. A Germanium Diode detector handles full modulation with minimum distortion and peak efficiency. Additional features: FM sensitivity; 2 mv for 20 db. of quieting. AM sensitivity; 3 mv for 1 volt ac at the detector. Tuning Indicator for ease of operation. High frequency compensation for use of long cables. 8 tubes and one rectifier. Size $5\frac{3}{4}$ "x $14\frac{3}{4}$ "x $10\frac{3}{4}$ ". Including case. Shpg. wt., 18 lbs.

G-390WX 5.00 Down Net 155.95

MODEL 264 60 WATT STEREO POWER AMPLIFIER

Designed for the ultimate in a distortion free amplifier, the 264 provides 60-watts output (30 watts per channel) at less than 0.2% harmonic distortion at mid-frequencies and less than $\frac{1}{2}$ % over the entire range 20-20,000 cps. Featuring a frequency response of ± 0.2 db from 20-20,000 cps for full output and from 15-50,000 cps at 1 watt per channel, this is a superbly engineered unit. Sensitivity 1 volt for full output. Provides output impedances of 4, 8, and 16 ohms plus "Stereo-Plus" center speaker. Utilizes four 7591 tubes (2 per channel) in the output stage and a total of 8 tubes and 4 silicon diode rectifiers. Black and Gold. For 110-120 volts 60 cps AC. Shpg. wt., 34 lbs. Complete with enclosure G-389WX 5.00 Down Net 179.50



480



264

An Exciting NEW Concept In Speaker DESIGN

THE LAFAYETTE TRIHELIX®

a superb 10-inch 3-way speaker designed expressly for use with bookshelf enclosures.
3 Completely Independent Speakers With 3 Separate Voice Coils In a Single Compact Unit

32.50 On y
2.00 Down

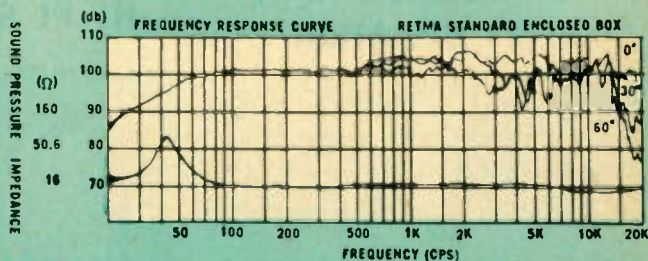
- Frequency Response 30 to 18,000 cps
- Revolutionary "Conical Stiffener"
- Eccentric Baffle Mounting of Midrange & Tweeter Eliminates Interaction Between Speaker Cones
- Built-In Crossover Network and Brilliance Control
- Extremely Efficient
- High Excursion Woofer
- Ideal For Stereo

Recreates The Entire Audio Spectrum With Concert Hall Faithfulness — In a symphony orchestra, the musical sound waves generated by the scores of instruments played singly or together form incredibly complex patterns. Each instrument forms its own individual sound-wave pattern distinguishing it from other instruments. These characteristics impose severe demands on a loudspeaker, making it impossible for a single speaker to give anywhere near perfect reproduction throughout the full audible frequency range.

The Lafayette "Trihelix" represents a major breakthrough in three-way speaker design. Fresh engineering concepts have resulted in a single 10-inch speaker designed expressly for use in bookshelf size enclosures, that delivers a quality of performance with the unmistakable feel, presence and clarity of a 3-way speaker system. The "Trihelix" is in effect a complete three-way high-fidelity speaker system, with three mechanically and electronically independent speakers mounted within a single 10-inch frame.

Although they are individual units the 2-inch tweeter and 5-inch midrange speakers have been especially designed to compliment the woofer. Special treatment of the cones and cone edges with polyester resins provides an even distribution of mid and high frequencies without peaks or resonances. To minimize interaction between the three cones both the midrange and tweeter units are mounted eccentrically or off center in relation to the woofer. In addition the midrange and tweeter are completely enclosed by a specially designed baffle. These unusual design features result in effectively eliminating inter-modulation distortion due to interaction between woofer, midrange and tweeter cones — a common fault in conventionally designed 3-way speakers.

The specially treated woofer cone employs a revolutionary "conical stiffener" located at the apex of the cone in order to stiffen the diaphragm and eliminate "breakup", thus providing a true piston action. This carefully designed cone-stiffening procedure, in addition to its very high compliance, enables the woofer



to deliver a smooth, crisp, solid bass that balances naturally against a crystal clear midrange and natural treble. A built-in electrical crossover network with crossover points at 1500 cps and 5000 cps, allows each speaker to reproduce its portion of the audio range smoothly and efficiently. An adjustable brilliance control permits matching of sound to room acoustics. SPECIFICATIONS: Overall Response 20-20,000 cps (30 to 18,000 cps \pm 3 db). Free Air Resonance 35-55 cps. Impedance 8 ohms. Power Rating: 20 watts Average Program Material. Crossover Points: 1500 & 5000 cps. Overall Diam: 10". Overall Depth: 7". Baffle cut-out: 8 7/8". Screw type terminals are color coded for quick easy connection of amplifier leads. Shpg. wt., 8 lbs.

SK-180 10" Lafayette "Trihelix" 2.00 Down Net 32.50

LAFAYETTE ELIPTOFLEX BOOKSHELF ENCLOSURE WITH SK-180 10" TRIHELIX 3-WAY SPEAKER

An ideal combination of speaker and enclosure that furnishes optimum 3-way speaker performance. Eliptoflex enclosures are finished on all four sides for vertical or horizontal placement. Shpg. wt., 32 lbs.

SY-398WX Mahogany 5.00 Down Net 66.50
SY-399WX Walnut 5.00 Down Net 66.50
SY-400WX Blond 5.00 Down Net 66.50
SY-401WX Oiled Walnut 5.00 Down Net 66.50

THE WIDELY ACCLAIMED LAFAYETTE SK-58 12" COAXIAL SPEAKER

Now Offered Exclusively By Lafayette At

Tremendous Savings

**SUPERB PERFORMANCE GUARANTEED
—OR YOUR MONEY BACK!**

THE WORLD-RENOWNED ORIGINAL LAFAYETTE SK-58

- RESPONSE 30-15,000 CPS
- SHEEPSKIN "FREE EDGE" CONE MOUNTING
- 1¼ LB MAGNET WEIGHT
- 3" COAXIALLY MOUNTED TWEETER
- BUILT-IN LC NETWORK
- RATED AT 20 WATTS CONTINUOUS POWER

29.50

REG. 44.50



Lafayette's exclusive 12" coaxial is a precision-made high fidelity loudspeaker, universally acclaimed by music lovers, hi-fi enthusiasts and professional experts alike as the greatest performance-value on the hi-fi market. It provides a truly faithful reproduction of sound without any "coloration" or distortion, its excellence being responsible for its use in innumerable high fidelity music systems today. The SK-58 incorporates such features as heavy, high flux density TSK-5 magnets for high efficiency; ¾" wide sheepskin cone-edge suspension and special composition fibre cone material, specially treated for ultra-linear, distortion-free response; heavy rugged cast metal frame for freedom from resonances and for greater rigidity.

The coaxially-mounted 3" cone-type tweeter has a bell shaped mounting for maximum dispersion of high frequencies with no back radiation. With the built-in 3000 cps crossover network it contributes its share to the smooth delivery of the overall wide range response of 30-15,000 cps. Woofer resonance in free air is 40 cps. Speaker power handling capacity is 20 watts continuous sine wave, 35 watts peak program material. Impedance of the voice coil is 8 ohms, connections being made to chrome-plated screw terminals. Finished in gray-brown opalescent enamel, the speaker is supplied complete with "brilliance" level control. Shpg. wt., 11 lbs. SK-58W 12" COAXIAL SPEAKER Net 29.50

NEW! LAFAYETTE 8" DUO-CONE HI-FI SPEAKER



- MECHANICAL 2-WAY DESIGN
- OVERALL RESPONSE 40-16,000 CPS.
- LARGE MAGNET STRUCTURE
- PATENTED CONE CONSTRUCTION AND MATERIAL
- HIGH EXCURSION WOOFER

9.95

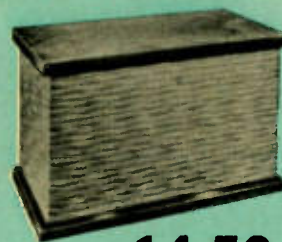
NEW! 6½" COAXIAL HI-FI SPEAKER



- OVERALL RESPONSE 50-16,000 CPS.
- SPACE SAVING & ECONOMICAL FOR STEREO
- BUILT-IN LC NETWORK
- LARGE, HEAVY MAGNETS

6.95

LAFAYETTE DUCTED- PORT BASS REFLEX SPEAKER ENCLOSURE



14.50

The dual-cone construction used in these high quality 8" speakers, provides the same type of wide-range response normally found only in true coaxial speakers or multiple speaker systems. Two separate cones act through a common voice coil. The outer edge of the tweeter cone is attached to the mid-section of the woofer cone; both cones "float" on flexible corrugated edges. This mounting results in true mechanical crossover, so that both cones operate at low frequencies, but only the tweeter cone operates at high frequencies. This gives improved high frequency directional characteristics and minimum distortion. Patented cone materials provide extremely smooth response over the range of 40-16,000 cps. Magnets are large and heavy, with a flux density of 10,500 gauss and total flux of 56,000 maxwells. Terminals are screw-type for solderless connections. Sensitivity is 99.5 db/watt; free air resonance is 55-70cps; voice coil impedance is 8 ohms. Size is 8" diam., 4¼" deep and requires 6¾" diam. baffle opening. Shpg. wt., 5½ lbs.
SK-98 8" 2-WAY SPEAKER Net 9.95
2 FOR STEREO Net 18.95

An excellent speaker with all the best features of coaxial design, the SK-97 will provide the finest sound reproduction available from a speaker of this size. It is especially recommended where space and/or cost are factors. The 6½" woofer is equipped with large, heavy magnet for maximum efficiency and low distortion. The 2" tweeter is a separate speaker coaxially mounted in a housing which completely seals off back radiation; a mesh dispersion screen provides smooth, wide-angle high frequency propagation. When properly enclosed, the response of this low cost hi-fi speaker is genuinely impressive. Its small size makes it perfect for use in a wide variety of small enclosures—ideal for use in pairs for stereo music systems of up to 8-10 watts. Frequency range, 50-16,000 cps. Woofer free-air resonance, 70 cps. Voice coil impedance, 8 ohms. Built-in electrical crossover network. Color-coded screw-type terminals. Requires 5½" diam. cutout. Size is 6½" diam., 3¾" deep. Shpg. wt., 3½ lbs.
SK-97 6½" COAXIAL SPEAKER Net 6.95
2 FOR STEREO Net 12.95

- ACCOMMODATES EITHER AN 8" OR 6" SPEAKER
- DUCTED PORT DESIGN FOR EXTENDED BASS RESPONSE
- ECONOMICAL AND SPACE-SAVING
- RECOMMENDED FOR STEREO

An acoustically engineered loudspeaker enclosure designed to provide full wide-range response when used with any 8" or 6" wide range or coaxial hi-fi speaker. Incorporates a special long duct over the usual bass-reflex port for performance equal to many enclosures of much greater size. Only 11½" high, 18" wide and 9" deep—perfect for bookshelf, table top or other limited-space applications. Made of hardwood veneers throughout, hand-rubbed to a high finish, and lined with heavy acoustical padding. Available in Blonde Mahogany, Mahogany or Walnut finishes. (Please specify your choice.) Shpg. wt., 15 lbs.
CAB-29W Net 14.50

Lafayette Presents

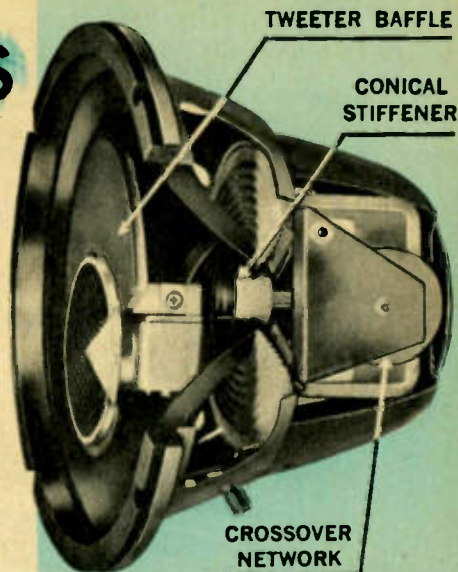
THE NEW ULTRA-LINEAR SK-128 FULL RANGE 8-INCH BIAXIAL SPEAKER WITH NEWLY DEVELOPED TWEETER BAFFLE DESIGN.

- 40 TO 16,000 CPS—FLAT WITHIN 3 DB ■ HIGH EFFICIENCY
- HIGH EXCURSION WOOFER WITH UNIQUE "CONICAL STIFFENER" ■ HANDLES HEAVY BASS PASSAGES WITHOUT "DOUBLING"

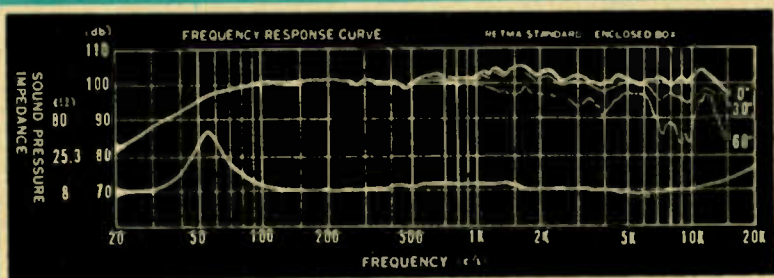
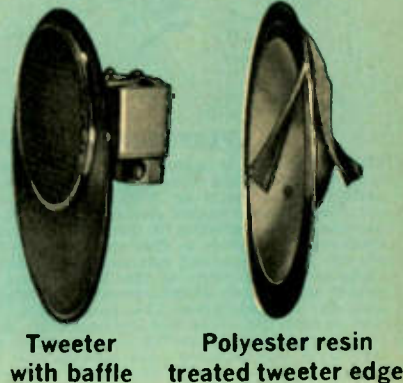
Eccentric Tweeter Mounting & Unique Elliptical Baffle Completely Eliminates Interaction Between Woofer & Tweeter

The SK-128 combines the best features of a multiple speaker system in one compact and economical unit. It offers full, even coverage of the entire audible range, with no distortion or coloration to mar your listening pleasure. The specially treated woofer cone has a unique "Conical Stiffener" at the apex which, coupled with its high compliance, enables the cone to operate in a piston-like manner—delivering a clean, powerful bass response. The 2-inch tweeter has its own voice coil and magnetic field. Special treatment of cone and cone edge provides even distribution of the high frequencies, with no peaks or resonances. The unusual off-center mounting of the tweeter and its elliptical baffle minimizes interaction between tweeter and woofer and insures an overall response free of intermodulation distortion. Electrical crossover from the woofer cone to the tweeter unit is

provided by a built-in network. An adjustable brilliance control permits matching of sound to room acoustics. Efficiency of the speaker is such that it will operate from any amplifier with an output of 1 watt or more. Installed in a bass-reflex type of enclosure, it performs outstandingly, and is recommended for all high-quality music systems—whether monaural or stereophonic. SPECIFICATIONS: Overall Response: 20-20,000 cps (40-16,000 cps \pm 3 db). Free air Resonance: 45-65 cps. Impedance: 8 ohms. Power Rating: 20 watts Integrated Program Material. Crossover: 2,500 cps. Overall Diam. 8 $\frac{1}{2}$ ". Overall Depth: 5 $\frac{1}{2}$ ". Baffle cut-out: 7 $\frac{1}{2}$ ". Rugged, vibration-free speaker frame with color-coded screw-type terminals for quick, easy connection of amplifier leads. Shpg. wt., 5 lbs.
SK-128 Full Range 8" Biaxial Speaker Net 19.50



19.50



LAFAYETTE MINI-DUCT BOOKSHELF ENCLOSURE WITH SK-128 8" ULTRA-LINEAR SPEAKER

The perfect answer for those who demand realistic sound reproduction even where space is limited. Two of these systems are ideal for stereo. Shpg. wt., 28 lbs.

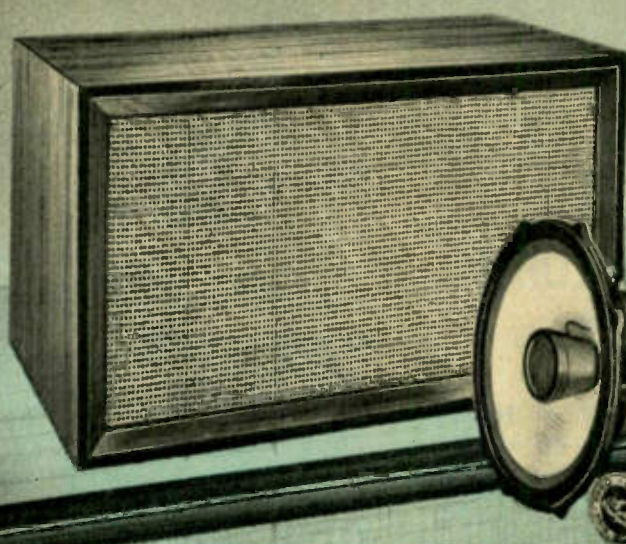
SY-343WX Speaker System in Walnut	2.00 Down.	Net 39.50
SY-344WX Speaker System in Mahogany	2.00 Down.	Net 39.50
SY-345WX Speaker System in Blonde	2.00 Down.	Net 39.50
SY-346WX Speaker System in Oiled Walnut	2.00 Down.	Net 39.50
SY-347WX Speaker System in unfinished birch	2.00 Down.	Net 37.50



SAVE MORE WITH LAFAYETTE'S OWN HIGH FIDELITY EQUIPMENT . . .

Announcing THE FABULOUS LAFAYETTE

ELIPTOFLEX



COMPLETE SPEAKER SYSTEM
with ENCLOSURE

64.50

ONLY 5.00 DOWN

FINISHED ON
4 SIDES

Adapts to any room arrangement. Place horizontally on shelves or vertically on the floor.

- ▶ NOW IT IS POSSIBLE TO HAVE ADVANTAGES OF A HIGH EFFICIENCY 12" SPEAKER IN A BOOKSHELF ENCLOSURE.
- ▶ SPECIALLY DESIGNED 12" COAXIAL SPEAKER WITH SHEEPSKIN CONE EDGE SUSPENSION AND 1 1/4 LB. MAGNET PROVIDE A RESPONSE FROM BELOW 30 TO 15,000 CPS.
- ▶ ENCLOSURE BEAUTIFULLY FINISHED ON FOUR SIDES IN HAND RUBBED VENEERS.

The "Eliptoflex" is the result of an intensive research program whose 3-fold purpose was to:

- 1 Develop a speaker system that would meet space requirements of stereo.
- 2 Utilize the full advantages of efficient 12" speaker performance.
- 3 Provide optimum performance without use of large wattage expensive amplifiers.

The Results Were Remarkable . . . The Eliptoflex utilizes a unique elliptical port which broadens frequency response and provides better transient response. A specially engineered diffracting ring eliminates cancellation effects between front and rear radiation. These engineering advances are coupled with the famous Lafayette free edge SK-58 12" coaxial speaker 3" conetype tweeter, 1 1/4 lb. TSK-5 high flux density magnet and special 3/4" wide sheepskin cone-edge suspension and built-in crossover network level control.

"Eliptoflex" achieves a degree of natural smoothness, low-distortion and rich robust bass hitherto found only in large enclosure speaker systems or inefficient bookshelf speakers many times its price requiring high powered amplifiers. Due to its highly efficient design characteristics the "Eliptoflex" does not require costly high wattage amplification.

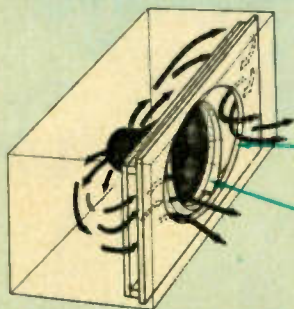
The "Eliptoflex" speaker system is beautifully finished on 4 sides in a variety of hardwood veneers for attractive room placement either horizontally or vertically. Dimensions are 14"Hx23-7/16"Wx13-5/16"D. Shpg. wt., 35 lbs.

SY-381WX "Eliptoflex" Speaker System—Mahogany	Net 64.50
SY-382WX "Eliptoflex" Speaker System—Walnut	Net 64.50
SY-383WX "Eliptoflex" Speaker System—Blonde	Net 64.50
SY-384WX "Eliptoflex" Speaker System—Oiled Walnut	Net 64.50
SY-392WX "Eliptoflex" Speaker System—Unfinished furniture grade birch	Net 59.50

ELIPTOFLEX ENCLOSURE LESS SPEAKER—FINISHED ON 4 SIDES

CAB- 83WX "Eliptoflex" Enclosure—Mahogany	Net 36.50
CAB- 84WX "Eliptoflex" Enclosure—Walnut	Net 36.50
CAB- 85WX "Eliptoflex" Enclosure—Blonde	Net 36.50
CAB- 86WX "Eliptoflex" Enclosure—Oiled Walnut	Net 36.50
CAB-124WX "Eliptoflex" Enclosure—Unfinished Birch	Net 29.50

PHENOMENAL ELIPTOFLEX PERFORMANCE DUE TO:



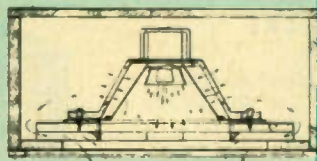
- A Newly Designed Elliptical Port
- B Specially Engineered Diffracting Ring.

PERFORMANCE EXPLANATION

The loudspeaker is mounted on a baffle recessed in the cabinet shell with the front-plate extending partially across the front surface of the baffle forming ducts or tubes from the port openings to the outside air. The elliptical cutout changes the effective length of the duct across its area. This variation in path lengths provide an extremely smooth transition from duct to free air; broadens the frequency response and provide better transient response. A triangular shaped diffracting ring mounted on the front of the baffle board virtually eliminates undesirable cancellation effects normally produced by close coupling of front and rear cone radiation. This results in a "lens" effect, changing relative particle velocities and consequently, phase relationships so as to produce a smooth transition from front to rear radiation. Comparative laboratory and listening tests indicate that "Eliptoflex" performance is demonstratively superior throughout the audio spectrum.



FRONT VIEW



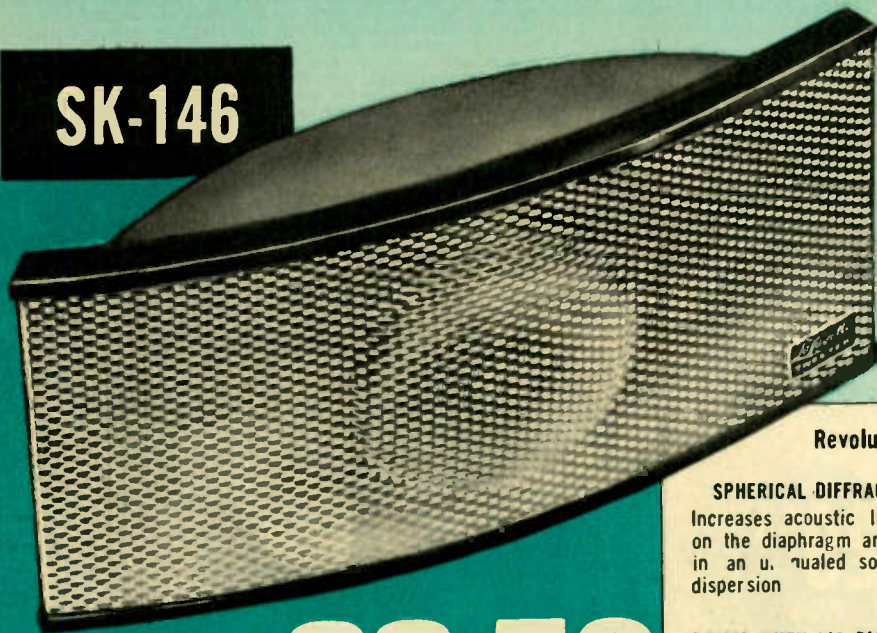
SIDE VIEW

Patents applied for in United States, England and Canada

THE REVOLUTIONARY **NEW** LAFAYETTE Sphericon HIGH FREQUENCY SUPER TWEETER

THE MOST SIGNIFICANT ADVANCE IN TWEETER DESIGN OF THE STEREO AGE

SK-146



- Frequency response from 3,000 cps to beyond 40,000 cps
- Uniform dispersion over 120 degrees in all directions
- High-sensitivity allows use with any 4-16 ohm speaker
- Unique domed phenolic diaphragm
- Specially designed attenuator provides efficient matching of tweeter and woofer
- Requires no high voltage or power supply
- Built-in 3,000 cycle crossover network

22.50
ONLY 2.00 DOWN

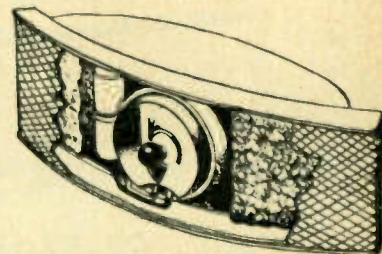
Revolutionary Acoustical Design Features

SPHERICAL DIFFRACTOR

Increases acoustic loading on the diaphragm and results in an unequalled sound dispersion

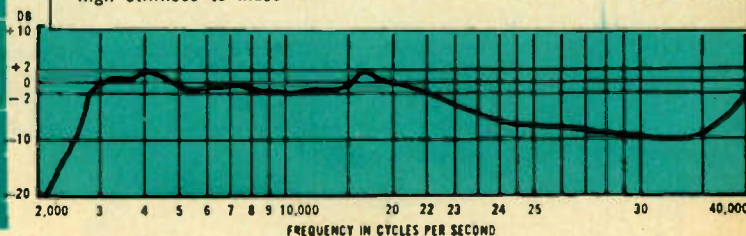
DOMED PHENOLIC DIAPHRAGM

Extremely rigid—constructed of special plastic impregnated cloth providing an extremely high stiffness to mass ratio



THE SPHERICON MATCHES PERFECTLY WITH ANY SPEAKER SYSTEM

The "Sphericon" is perfect for use with the new high compliance bookshelf speaker systems. Built-in Attenuator permits matching with any low efficiency speaker system.



DISCOVER . . . A RANGE AND PURITY OF HIGH FREQUENCY RESPONSE YOU NEVER DREAMED POSSIBLE FROM YOUR RECORDS OR SYSTEM!

Achieve unequalled brilliance and musical warmth from your present speaker system or the system you're now planning. For the first time you'll hear the complete high frequency range with a clarity, transparency and musical quality never before possible. The Lafayette Sphericon is an entirely new concept in tweeter design. Equipped with a built-in 3,000 cycle crossover network and featuring a specially designed domed phenolic diaphragm with spherical diffractor. The Sphericon produces a virtually linear response from 3,000 cps to beyond 40,000 cps, ± 2 db. to 22,000 cps. High frequencies are radiated in a 120° pattern in all directions, vertically as well as horizontally—with absolutely no trace of stridency or harshness.

Unlike electrostatic tweeters the "Sphericon" is highly efficient and may easily be

matched with any speaker or speaker systems . . . especially the low efficiency high compliance type. Precise matching of the "Sphericon" with today's low and medium efficiency speaker is accomplished by means of a special built-in attenuator designed not to affect or lower the efficiency of the woofer. As a result less amplification is needed assuring lower distortion. Power capacity is 30 watts. May be employed with any 4-16 ohm speaker. Beautifully styled with an acoustically designed gold anodized grill set in a sturdy satin black plastic case. Dimensions: 9x4Hx2½"D. Shpg. wt., 4 lbs.

LAFAYETTE SPHERICON SUPERTWEETER

SK-146 2.00 Down Net 22.50

LAFAYETTE *Sphericon* TWEETER AND ACOUSTIC RESEARCH AR-2 SPEAKER SYSTEM COMBINATION AT MONEY SAVING PRICES

SPHERICON EXTENDS THE RESPONSE OF YOUR AR SPEAKER TO BEYOND 40,000 CPS.

AR-2 10" Acoustic suspension speaker system: 42-14000 cps ± 5 db. Size 13½x11x24". Shpg. wt., 52 lbs.
Combination of Lafayette SK-146 Sphericon Tweeter and AR-2 in Mahogany Finish. Shpg. wt., 56 lbs.
SY-296WX 5.00 Down Net 101.60

Combination of Lafayette SK-146 Sphericon Tweeter and AR-2 in Walnut Finish. Shpg. wt., 56 lbs.
SY-297WX 5.00 Down Net 106.00

Combination of Lafayette SK-146 Sphericon Tweeter and AR-2 in Korina (Blond) Finish. Shpg. wt., 56 lbs.
SY-298WX 5.00 Down Net 106.00

Combination of Lafayette SK-146 Sphericon Tweeter and AR-2 in Unfinished Pine. Shpg. wt., 56 lbs.
SY-299WX 5.00 Down Net 95.65



AVAIL YOURSELF OF LAFAYETTE'S 15 DAY TRIAL AND MONEY-BACK GUARANTEE

LAFAYETTE'S Amazing New! MINI-DUCT

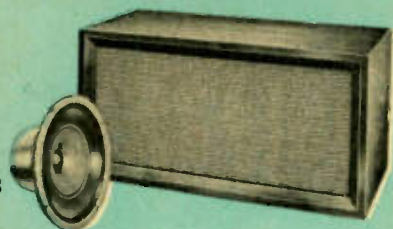
22⁵⁰
2.00 DOWN



Mounting boards accept all types of tweeters



MINI-DUCT BOOKSHELF ENCLOSURE



29⁵⁰
2.00 DOWN

SK-98

A universal ducted-port bookshelf enclosure engineered for use with 1, 2 or 3-way speaker systems.

- SOLIDLY CONSTRUCTED OF 3/4" WOODS
- START WITH A SINGLE SPEAKER AND BUILD INTO A 2- OR 3-WAY SYSTEM LATER
- ACOUSTICALLY LINED THROUGHOUT
- AVAILABLE IN A VARIETY OF FINISHES

Now limited space need not necessarily mean limited sound. The Lafayette Mini-Duct is acoustically designed to achieve smooth, distortion-free reproduction with a remarkably full, clean extended bass response that gives no indication as to its small size. Reducing boards are supplied so that the Mini-Duct will accept an 8" Woofer, 6" Mid-Range and a variety of tweeters. This versatility makes it possible to start with an 8" speaker and eventually build into a 2-way or 3-way speaker system. Solidly constructed of 3/4" woods the Mini-Duct is beautifully finished in a variety of fine veneers on 3 sides. Designed for attractive placement anywhere in your home with dimensions 23Wx11 1/2 Hx11 1/4" D. Shpg. wt., 23 3/4 lbs.

CAB-47WX MINI-DUCT IN WALNUT	2.00 Down	Net 22.50
CAB-48WX MINI-DUCT IN MAHOGANY	2.00 Down	Net 22.50
CAB-49WX MINI-DUCT IN BLONDE	2.00 Down	Net 22.50
CAB-50WX MINI-DUCT IN OILED WALNUT	2.00 Down	Net 22.50
CAB-51WX MINI-DUCT UNFINISHED BIRCH	2.00 Down	Net 19.50

Mini-Duct Enclosure finished on 4 sides for attractive horizontal or vertical placement. Choice of mahogany or walnut.

CAB-105WX Mahogany	2.00 Down	Net 24.95
CAB-106WX Walnut	2.00 Down	Net 24.95

SPEAKER AND ENCLOSURE COMBINATIONS

A PERFECT COMBINATION: The "Mini-Duct" enclosure and the famous Lafayette SK-98 8" mechanical 2-way speaker with patented dual cone construction. This speaker combined with the Lafayette "Mini-Duct" enclosure will give the same wide-range frequency response (40-16,000 cps) normally found only in the coaxial speakers or multiple speaker systems. Shpg. wt., 29 1/2 lbs.

COMBINATION UNFINISHED "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER SY-348WX	2.00 Down	Net 26.50
COMBINATION MAHOGANY "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER SY-349WX	2.00 Down	Net 29.50
COMBINATION WALNUT "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER SY-350WX	2.00 Down	Net 29.50
COMBINATION OILED WALNUT "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER SY-351WX	2.00 Down	Net 29.50
COMBINATION BLONDE "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER SY-352WX	2.00 Down	Net 29.50

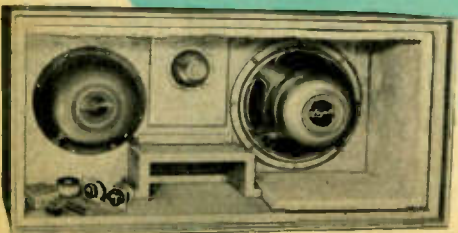
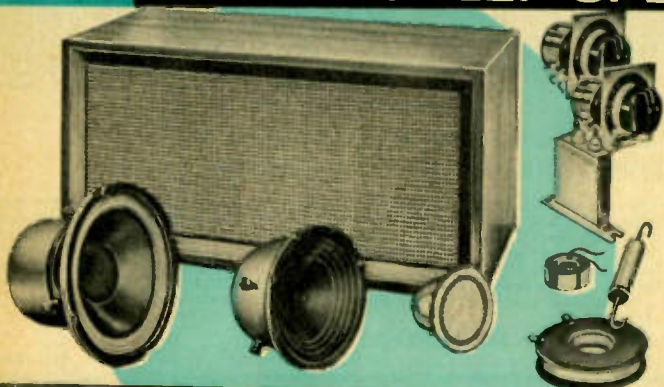
SK-98 SPEAKER AND MINI-DUCT FINISHED ON 4 SIDES

SY-377WX MAHOGANY	2.00 Down	Net 31.95
SY-378WX	2.00 Down	Net 31.95

If true-fidelity in music is important to you

New!

LAFAYETTE HIGH COMPLIANCE 3-WAY BOOKSHELF SPEAKER SYSTEM



49.95
ONLY
2.00 DOWN

- FREQUENCY RESPONSE FROM BELOW 35 TO 18,000 CPS.
- ADVANCED DESIGN 8" HIGH COMPLIANCE WDDFR WITH 1 LB. MAGNET & 1/4" VOICE COIL
- 3-WAY LC ELECTRONIC CROSSOVER NETWORK
- PERFECT FOR STEREO

Lafayette designers have succeeded in achieving a standard of performance formerly associated only with very large speaker systems. The Lafayette Mini-Duct bookshelf enclosure is employed with advanced Hi-Compliance speaker design—both enclosure and speakers have been carefully engineered and matched in efficiency for a precise musical blend and balance. An unusually full, clean low frequency response is provided by the specially designed 8" woofer—indeed the quality of bass response furnished by this unit is superior to systems many times its size and price. The Hi-Compliance woofer cone is suspended by a new type of fabric edging permitting extremely wide cone excursions; the true piston action of the cone plus the use of a 1 lb. magnet and 1/4" voice coil not only provide a high efficiency bass response but also serve to eliminate distortion and give excellent transient response. Both the 6" Midrange speaker and 3" Tweeter have completely sealed rear housings to prevent back radiation and interaction with the woofer. The 6 db per octave LC electronic crossover network crossing over at 750 cps and 5,500 cps employ separate balance controls for the midrange and tweeter, thereby providing precise control for balancing the speaker system to room acoustics and individual listening tastes. Handles up to 25 watts of integrated program material. Impedance 8-16 ohms. Dimensions are 23Wx11 1/2 Hx11 1/4" D. Fine veneer finish on 3 sides. Complete with easy to follow speaker assembly instructions. Shpg. wt., 33 lbs.

SY-358WX 3-WAY BOOKSHELF SPEAKER SYSTEM UNFINISHED BIRCH	Net 46.95
SY-359WX 3-WAY BOOKSHELF SPEAKER SYSTEM MAHOGANY	Net 49.95
SY-360WX 3-WAY BOOKSHELF SPEAKER SYSTEM WALNUT	Net 49.95
SY-361WX 3-WAY BOOKSHELF SPEAKER SYSTEM OILED WALNUT	Net 49.95
SY-362WX 3-WAY BOOKSHELF SPEAKER SYSTEM BLONDE	Net 49.95

FINISHED ON 4-SIDES

SY-375WX 3-WAY BOOKSHELF SPEAKER SYSTEM MAHOGANY	Net 52.40
SY-376WX 3-WAY BOOKSHELF SPEAKER SYSTEM WALNUT	Net 52.40

LAFAYETTE'S ULTRA-COMPLIANCE 2-WAY SPEAKER SYSTEM

VERY SMALL IN SPACE — LESS THAN 1 CU. FT.

VERY LOW IN PRICE

Only **17.50**

Absolutely Gigantic In Performance —
Outperforms Speakers Double LAFAYETTE'S Low Price

- Frequency Response 40-16,000 cps
- Especially Designed Vented, Tuned Duct Type Enclosures
- Unique Mechanical 2-Way Speaker With Extra Heavy Magnet
- Enclosure Finished on 4 sides • Excellent For Stereo



FULL SIZE PERFORMANCE — This outstanding Lafayette Ultra-Compliance 2-way speaker system achieves a purity of sound and musical quality that is astounding from a speaker system occupying less than one cu. ft. of space. A perfect speaker for use anywhere in your home or office makes ideal extension units or use in pairs for stereo.

The speaker features a unique dual cone with an extra heavy magnet structure, employed in a specially designed tuned ducted port enclosure. Both tweeter and woofer "float" on flexible, corrugated edges, with the outer edge of the tweeter cone attached to the mid-section of the woofer. This results in a mechanical crossover so that both cones operate in phase at low frequencies, but only the tweeter cone radiates high frequencies. The same type of wide-range frequency response is achieved that normally is found only in true coaxial or multiple speaker systems. Frequency response is 40-16,000 cps — Impedance: 8-16 ohms.

Available in rich mahogany or walnut. Finished on four sides — place it horizontally on its side or vertically on its base. Easily adapts to bookshelf placement or modular use. Dimensions are only 10 $\frac{1}{8}$ "x18 $\frac{1}{2}$ "x8 $\frac{7}{8}$ " D. Shpg. wt., 15 lbs.

AVAILABLE IN MAHOGANY OR WALNUT (PLEASE SPECIFY)
Lafayette Ultra-Compliance 2-Way Speaker System
SK-124W Net 17.50

Set of Two SK-124W SPEAKER SYSTEMS
FOR STEREO Net 34.00

NEW! LAFAYETTE "MINUETTE" HIGH-FIDELITY SPEAKER SYSTEM

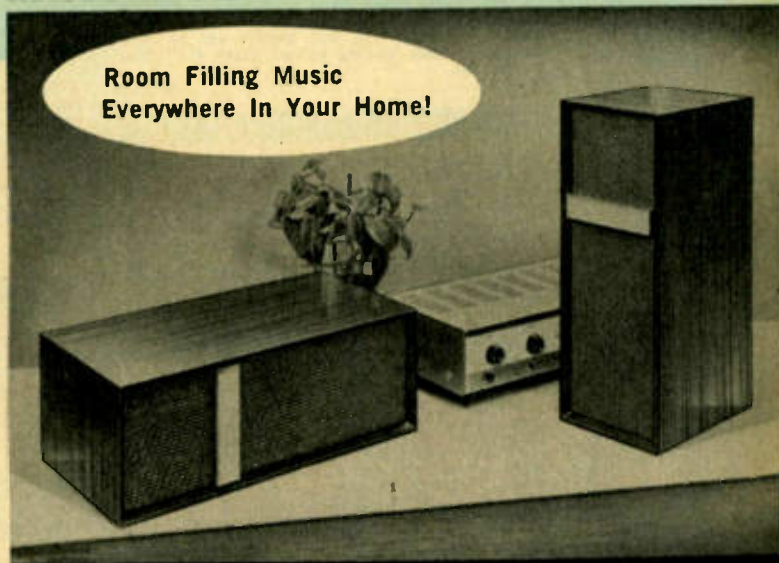
TWO FOR **23⁵⁰** SINGLY
STEREO **12.50**

- Shelf Size — 8 $\frac{1}{4}$ "x15 $\frac{3}{4}$ "x5 $\frac{7}{8}$ " H
- Use Two For Stereo—Perfect For the Small Apartment or Listening Area
- Genuine Walnut Finish on 4 Sides
- Complete with 6' Extension Cable and Phone Plug

An exceptional speaker value . . . the Lafayette "Minuette" Hi-Fi Speaker System will bring music to any room in your home — and for a remarkably low cost. Designed for use where space is at a premium — ideal for the small apartment or listening area. Expand your stereo system to other areas of your home . . . easily used in the den, kitchen, patio or bedroom. Employs a specially designed 5x7" speaker in a rear loaded reflex type enclosure. Provides an exceptionally fine musical quality yet measures only 8 $\frac{1}{4}$ "x15 $\frac{3}{4}$ "x5 $\frac{7}{8}$ " — small enough to fit anywhere. Superb Walnut finish on 4 sides allows placing speaker horizontally or vertically. Frequency Response 100-12,000 cps. Impedance 8 ohms. Rated at 10 watts. Supplied with 6 ft. of extension cable and phone plug. Shpg. wt., 5 $\frac{1}{2}$ lbs.

SK-181 Net 12.50

Save — Buy two for stereo. Shpg. wt., 11 lbs.
Set of two Net 23.50



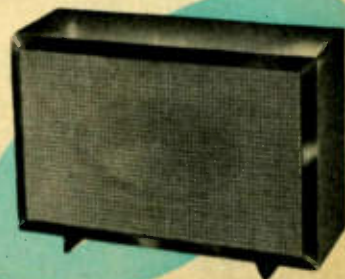
NEW! LAFAYETTE MINIATURE HI-FI SPEAKER & ENCLOSURE

- ATTRACTIVE MAHOGANY FINISHED WOOD CABINET • COMPLETE WITH 25 FEET OF CABLE

Enjoy music everywhere in your home with this amazing Lafayette miniature speaker system. Perfect as an extension speaker for your den, basement, kitchen or bedroom. Use two as extension speaker units for stereo or with your TV and Radio. Housed in a beautiful mahogany — finished wood cabinet with ventilated back cover, the 5-watt 4x6" speaker is designed to work from either 4 or 8 ohm outputs. System is supplied with 25 feet of cable which should meet any hook up requirement. Over-all size: 9 $\frac{1}{2}$ "x7 $\frac{3}{4}$ " (inc. feet) x 3 $\frac{1}{8}$ " D. Shpg. wt., 5 lbs.

SK-109 Miniature Speaker System Net 6.95

6.95



LAFAYETTE HI-FI SPEAKERS AT POCKET BOOK PRICES

NEW! DUAL DIAMETER MAGNETS



Remarkable new development of dual diameter (DD) directional grain Alnico V slug magnets, now in use in the new Boeing Jets. All Lafayette speakers on this page are equipped with DD magnets except*. Magnet weights shown are equivalents of conventional Alnico V.

NEW! 12" HI-FI WOOFER WITH 2 POUND MAGNET

- 30 Watts
- 20-2500 Cps
- 8 ohm Voice Coil Impedance
- Speaker resonance at 30 cps.

This sturdily constructed 12" Woofer is rated at a full 30 watts audio power. Frequency response from 20 to 2500 cps with the speaker resonant frequency at 30 cps. Quality construction techniques provide an accordion type, specially treated edging to add to cone life. Rugged cone construction prevents break-up. By using special wire material in the voice coil circuit, the chance of overheating is minimized. A heavy 2 lb. Alnico V magnet and 2" diameter voice coil permit uniform performance over the entire speaker excursion. Built for long trouble free service, this speaker should be a welcome addition to many hi-fi installations. Shpg. wt., 10 1/2 lbs.



SK-182

SK-182 Net 22.95

8" HI-FI WIDE RANGE SPEAKER

50-13,000 CPS

Answers the need for a good quality but moderately priced speaker with a range of 50-13,000 cycles. An extremely smooth single cone reproducer — ideally suited for hi-fi systems. Excellent for limited space—good overall balance—power handling capacity: 10 watts—6.8 oz. Alnico V magnet—frequency response: 50-13,000 CPS when properly baffled. Rim treatment on cone minimizes possibility of diaphragm distortion. Voice coil impedance: 8 ohms. Cone Resonance 85 cycles. Shpg. wt., 4 lbs.



SK-69

SK-69 Net 6.25

ECONOMY 8" COAXIAL HI-FI SPEAKER

• IDEAL WIDE-RANGE BUDGET SPEAKER • PERFECT FOR STEREO • RESPONSE 70-12,000 CPS • BUILT-IN CROSSOVER • 10 WATT RATING • 3.16 OZ. MAGNET
A fine coaxial high fidelity speaker with built-in electronic crossover. Rated at 10 watts, with response of 70-12,000 cps. Rigid, non-resonant frame, high efficiency 3.16 oz. Alnico V magnet, specially-treated long life cone, and gasket-sealed magnet cover contribute to its fine performance. 8 ohm voice coil. Shpg. wt., 6 lbs.



SK-92

SK-92 LAFAYETTE ECONOMY SPECIAL! Net 5.95

5.95

8" MID-RANGE SPEAKER

Ideal for use with tweeter and crossover networks to make up a 2- or 3-way system. This 8" mid-range speaker is capable of producing undistorted response down to 350 cps, the crossover frequency. Back is enclosed. Power handling capacity: 25 watts. Frequency response 350-13,500 cycles. Recommended to crossover at 5000 cycles to a tweeter. Cone resonance 150 cycles. Impedance: 8 ohms. Shpg. wt., 4 lbs.



SK-74

SK-74 Net 6.50

15" COAXIAL HIGH-FIDELITY SPEAKER

30-20,000 CPS-25 WATTS—
10 OZ. ALNICO V MAGNET

Superb standard of performance throughout the audio spectrum. Consists of specially designed 15" woofer with a full 5" high-frequency tweeter, coaxially mounted, and 1 1/4" voice coil. Extra strong magnets are used in both units for highest efficiency and smoothest response. The 15" woofer gives the deep, rich bass notes for complete satisfaction. Frequency response: 30-20,000 CPS. Crossover frequency: 3500 CPS. Handling capacity: 25 watts, 35 watts peak; Impedance: 8 ohms. Rugged seamless cone, finished in attractive non-marking brown hammerloid enamel. Shpg. wt., 13 lbs. Cone Resonance 45 cycles.



SK-135W

SK-135W Net 17.95

12" COAXIAL HI-FI SPEAKER

Same construction, wattage and magnet weight as above. Response: 40-20,000 cps. Cone resonance 50 cycles. Shpg. wt., 12 lbs.

SK-136 Net 14.95

12" COAXIAL SPEAKER

12" Alnico V PM with 1" voice coil and heavy one-piece cone. Specially designed 3" Alnico V PM tweeter completes this combination speaker. Range 40 to 15,000 cps. Built-in high pass filter. Power rating: 12 watts. 6.8 oz. Alnico V magnet. Impedance 8 ohms. Shpg. wt., 8 lbs.

SK-93W* Net 8.75



SK-93W*

8.75

NEW! 12" THREE-WAY HI-FI SPEAKER

- Rated at 15 Watts
- Woofer, Elliptical Tweeter, and Whizzer
- Built-in Crossover
- Response 35-17,500 cps.

This new 3-way speaker answers the needs of many hi-fi enthusiasts. Featuring a dual-diameter magnet it has a frequency response of 35-17,500 cps. The elliptical tweeter gives improved sound dispersion over cylindrical types. Voice coil: diam- 1", Impedance-8 Ω. Shpg. wt., 6 1/2 lbs.

SK-183 Net 11.95



SK-183

NEW! 2 x 6" ELLIPTICAL TWEETER

A new wide-angle dispersion tweeter with frequency response from 2500-16,000 cps. Will handle up to 20 watts audio power. Voice coil diameter 3/4" with dual-diameter Alnico-V magnet. Built-in crossover. Because of small size, this speaker can be easily mounted in many existing baffles. Depth 2 1/8". Shpg. wt., 6 1/2 lbs.

SK-184 Net 3.28



SK-184

6" MID-RANGE SPEAKER

An excellent mid-range direct-radiator type speaker for installation in 3-way or 4-way speaker systems. Gives clean, distortion-free reproduction at rated power. Features closed back to eliminate interaction with sound waves generated from other speakers in the same enclosure. Rated power handling capacity: 10 watts. Frequency response from 700 to 7000 cps. Magnet weight: 3.16 oz. Voice coil impedance: 8 ohms. Binding post-type terminals. Shpg. wt., 3 lbs.

SK-138* Net 5.25



SK-138*

15" HI-FI WOOFER

- 31.5 OZ. ALNICO MAGNET
- 20 TO 5000 CYCLES—35 WATTS

This efficient 15" low frequency woofer incorporates many exclusive features. For original equipment or replacement, it provides highly efficient extended low-frequency response. Ideal for assembling 2- and 3-way speaker systems. Handles 35 watts of audio power. Frequency response ± 2 db 20 CPS to 1000 CPS, and ± 5 db from 20 CPS to 5,000 CPS with proper baffling. Voice coil dia. 2", Impedance 8 ohms. 31.5 oz. Alnico V magnet.* Finished in beautiful brown enamel. Cone is seamless type, permanently bound to voice coil. Shpg. wt., 13 1/4 lbs.

Cone Resonance 45 cycles
SK-67W* 2.00 Down Net 23.95



SK-67W*

12" HI-FI WOOFER

21.5 OZ. ALNICO V MAGNET—25 WATT

Provides efficient, extended low-frequency response of ± 5 db from 35 to 8000 CPS, and features 25 watts of power handling capacity. Perfect for high-fidelity installations or for modernization of older equipment. Ideal for assembling 2- and 3-way speaker systems at a budget price. Enclosed magnet structure—completely dust-proof. Compliance of outer cone and inner spider carefully calculated for best bass response. 21.5 oz. Alnico V magnet, 1 1/2" dia. voice coil, 8 ohm impedance. All exposed surfaces are finished in beautiful brown enamel. Shpg. wt., 8 lbs. Cone Resonance 50 cycles.

SK-68 Net 15.50



SK-68

Lafayette SPECIAL HI-FI SPEAKER VALUES

SPECIAL PURCHASE

Famous Make Full-Range Hi-Fi Speakers

Lafayette snapped up these quality full range Hi-Fi speakers at a special price and we're passing these savings along to you. You'll recognize the name immediately — manufactured by one of America's oldest most respected names in Hi-Fi. Features include: Heavy Die-cast Frames, Edge-wise-wound Voice Coil, and One-Piece molded cones, fungus-proofed and treated to prevent moisture absorption. Buy two for stereo at these low, low prices.

FULL-RANGE 12 INCH LOUDSPEAKER

Outstanding performance — Response 30 to 13,000 cps. Power handling capacity 20 watts. Impedance 8 ohms. 12 1/2" dia. x 3 1/2" deep. Shpg. wt., 6 lbs.

SK-177 Net 15.95

15.95



SK-177

FULL-RANGE 8-INCH LOUDSPEAKER

Use where space is at a premium. Only 3 1/2" deep, 8 3/4" diam. Response 50-13,000 cps. Power handling capacity 20 watts. Impedance 8 ohms. Shpg. wt., 4 1/2 lbs.

SK-176 Net 14.95

14.95



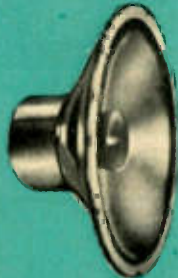
SK-176

6x9 "Twin-Tweeter" COAXIAL HI-FI SPEAKER

- EXCELLENT BASS RESPONSE
- BUILT-IN CROSSOVER
- ADD HI-FI TO AUTOS, TV, RADIO SETS

This 6"x9" hi-fi coaxial speaker opens new possibilities for high-fidelity reproduction. Compact enough for your car, for radio and television sets—and for the high fidelity enthusiast with a space problem. Twin high-frequency tweeters are designed to cross over mechanically at 5000 cps. The excellent bass characteristics of the 6 x 9 woofer faithfully reproduce the low frequencies. High-energy Alnico 5 magnet; voice coil 3/4" diam. Power handling capacity 6 watts (9 watts on peaks). 4" deep. Impedance 3.2 ohms. Shpg. wt., 2 1/2 lbs.

SK-75—6" x 9" hi-fi speaker Net 7.95



15" 2 WAY SPEAKER SYSTEM

Mount this outstanding 2-way speaker system in a horn-loaded corner enclosure or in a bass reflex cabinet and enjoy full range musical reproduction, at an unusually low cost. System includes a Jensen 15" woofer; 2-5" tweeters; and the Lafayette LN-1 2000-cycle L/C crossover network. Baffle-board supplied is 19" x 24", of heavy 3/4" plywood, finished in brown stain. System frequency response 35 to 15,000 cps. 20 watts power handling capability. 8 ohms impedance. Shipped knocked-down, complete with all necessary instructions for easy assembly, plus mounting hardware and wire. Shpg. wt., 20 lbs.

SY-9 Speaker System Net 24.95



LAFAYETTE 8" WOOFER

- Rated 20 watts
- Free edge cone
- 14.7 oz. alnico V magnet
- High Compliance
- 35 to 7500 cps

Ideal for 2 or 3 way systems where space is at a premium, this 8" woofer provides coverage from 35 to 7500 cps. The 14.7 oz. magnet is extraordinarily heavy for this size speaker insuring the efficiency needed for good clean response. Other features include free edge, high compliance cone, 20 watt power dissipation, voice coil dust cover. Cone resonance 50 cycles, 8 ohm V.C. Shpg. wt., 4 1/2 lbs.

SK-164 Net 10.50



8" EXTENDED RANGE SPEAKER

- 45 to 13,000 cps
- SKIVER ROLLED CONE FOR SMOOTH RESPONSE
- 3.16 OZ. NEW TYPE MAGNET

Here is a price buster for the budget-wise hi-fi music lover. This is an extended range domestic speaker whose high sensitivity is achieved through a new hi-efficiency magnetic circuit. Ideally suited for medium and low level monaural or stereo reproduction. It has a 1" voice coil with 8 ohms impedance and will handle musical peaks of 8 watts. Size: O.D. 8 3/4"; Mtg. hole dimensions 7 1/4"; 3 1/2" deep; Brown enamel over heavily plated steel. Shpg. wt., 2 lbs.

SK-106 Net 4.95



6" x 9" WIDE RANGE SPEAKER

- NEW HIGH SENSITIVITY MAGNETIC CIRCUIT
- 55 to 14,000 cps
- SPACE SAVER CONSTRUCTION

This hi-fi extended range speaker is definitely a must for add-on stereo application and lends itself to many new applications such as adding hi-fi to autos, TV, radio sets, and also where space limitations are paramount such as shelves, horizontal enclosures etc. This speaker consists of a special skiver rolled cone with a 1" voice coil with 8 ohm impedance which can handle musical peaks of 8 watts. The shell is of brown enameled heavy plated steel with a 3.16 oz. magnet of new design which produces extra high sensitivity. It has an outside diameter of 6 1/4" x 9 3/4"; Mtg. hole dimensions are 4 5/8" x 6 1/8"; Depth is 3 3/4". Shpg. wt., 2 lbs.

SK-107 Net 4.65



ROYAL DANISH 12" DUAL CONE SPEAKER

- HIGH FLUX DENSITY

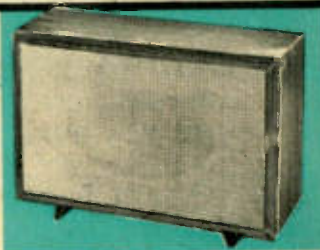
Lafayette brings you this fine imported high fidelity speaker at a fraction of the price you would expect to pay for so much quality. Two cones are mounted on a single axis, and provide remarkable wide range frequency response from 45 to 14,000 cps. Reproduction of program material is exceptionally lifelike throughout the entire range. An exclusive, special formula cone rim treatment eliminates cone rim resonance and distortion. Also, the damping effect improves transient response and prevents "hangover." Overall depth, 5 1/4". Completely enclosed. 1" diameter voice coil with an impedance of 6 ohms. Shpg. wt., 6 lbs.

SK-86, 12" Dual Cone Hi-Fi Speaker Net 7.95

NEW! LAFAYETTE MINIATURE HI-FI SPEAKER & ENCLOSURE

- Attractive Mahogany Finished Wood Cabinet
- Complete With 25 Feet of Cable

6.95



Enjoy music everywhere in your home with this miniature Lafayette speaker system. Perfect as an extension speaker for your den, basement, kitchen or bedroom . . . anywhere in your home or office. Use two as extension speaker units for stereo or with your TV and Radio. Housed in a beautiful mahogany-finished wood cabinet with ventilated back cover. The 5-watt 4" x 6" speaker is designed to work from either 4 or 8 ohm outputs. System is supplied with 25 feet of cable which should meet any hook up requirement. Over-all size: 9 1/2" W x 7 3/4" H (inc. feet) x 3 1/2" D. Shpg. wt., 5 lbs.

SK-109 Miniature Speaker System Net 6.95

LAFAYETTE SK-35



LN-1 CROSSOVER

5" TWEETER AND CROSSOVER NETWORK

A specially designed 5" Tweeter and Crossover Network that will assure high frequency response when used with any speaker you now possess. You can now make your present speaker into a 2-way speaker system increasing the high frequency range up to 15,000 cycles. Diagram included. Shpg. wt., 5 lbs.

SV-14 Net 7.25
LN-1 Crossover Network only Net 4.95
SK-35 5" Tweeter only Net 2.45



World-Renowned LAFAYETTE-GOODMANS 3-Way EXTRA VALUE HIGH FIDELITY SPEAKERS

MADE BY THE FAMOUS GOODMANS
English Mfr of Some of the World's Best
Hi-Fi Speakers!
CUSTOM BUILT TO LAFAYETTE'S
OWN RIGID SPECIFICATIONS

Guaranteed
SUPER PERFORMANCE-
VALUE
YOU BE THE JUDGE!
SATISFACTION
OR YOUR MONEY BACK

- MASSIVE "MAGLOY" AND "ALCOMAX" MAGNETS—THE MOST EFFICIENT MAGNETIC MATERIAL AVAILABLE!
- FREE-EDGED CONE SUSPENSION
- HIGH POWER HANDLING CAPACITY
- HIGH EFFICIENCY WITH LOW-DISTORTION TRANSPARENT RESPONSE
- PLUG-IN 120B/OCTAVE CROSSOVER NETWORK WITH HIGH FREQUENCY LEVEL CONTROL SUPPLIED WITH ALL MODELS.

A product of superb British craftsmanship—Lafayette went to this leading English speaker manufacturer for these outstanding custom speakers to provide you with this exceptional performance value. Designed and constructed to the most exacting laboratory standards, these speakers utilize massive "Magloy" and "Alcomax" magnets—the most efficient magnetic materials available. All are 3-way units, with woofer, mid-range radiator and tweeter axially mounted for efficient, wide-range speaker performance. Woofer cones employ an exclusive Goodmans process,

where the cone rolls and cone edges are bombarded with minute particles of specially-blended plastic materials, to form a virtually free edged cone suspension that eliminates standing waves and surround resonances. A mechanical crossover separates bass and midrange frequencies at 2000 cycles while a plug-in 12 db. per octave electrical crossover provides smooth transition from midrange to tweeter at 5,000 cycles. A High frequency level control allows matching of sound for room acoustics.

LAFAYETTE-GOODMANS 1 3/4 LB. MAGLOY MAGNET 12" 3-WAY SPEAKER

SK-110A
3-WAY
12" SPEAKER



47.50
ONLY
2.00 DOWN

- Frequency Response: 30-20,000 cps.
- Cone Resonance: 35 cps.
- Power Rating: 30 watts

• Voice Coil 3" • 12 db/Octave L.C. Network crosses over at 5,000 cps. into a precision, pressure driven horn loaded tweeter. Total Magnetic Flux Density: 195,000 maxwells. • Dimension 7" overall depth, 12 1/4" diam. • Impedance: 16-ohms. Shpg. wt., 20 lbs.

SK-110AWX 2.00 Down Net 47.50
SAVE—BUY 2 FOR STEREO Ea. Net 44.50

SK-111 1 3/4 LB. ALCOMAX MAGNET - 3-WAY 15" SPEAKER

Similar to SK-110A, but 15" speaker with power rating of 35 watts and cone resonance of 25 cps. Employs 1 3/4 lb. Alcomax magnet and 1 3/4" voice coil, 7" deep, 15 1/4" diam. Shpg. wt., 25 lbs.

SK-111WX 5.00 Down Net 54.50
SAVE—BUY 2 FOR STEREO Ea. Net 51.50

LAFAYETTE-GOODMANS 5 LB. "MAGLOY 15" 3-WAY SPEAKER

- Frequency Response: 20-20,000 cps
- Cone Resonance: 25 cps
- Power Rating: 50-Watts
- Total Magnetic Flux Density: 306,000 maxwells.
- Voice Coil: 3" Diameter
- 12db/Octave L.C. Network crosses over at 5,000 cps into a precision, pressure driven horn loaded tweeter.
- Dimensions: 8 3/4" overall depth . . . 15 1/4" diam.
- Impedance: 16 ohms.
- Shpg. wt., 40 lbs.

SK-115A WX 5.00 Down Net 79.50
SAVE—BUY 2 FOR STEREO Ea. Net 72.50

79.50
only 5.00 Down



D12P



D8J
D12J



D69J



C12R



C8R



CT5FN

UTAH UNIDRIVE WIDE RANGE COAXIALS WITH NEW DUAL DIAMETER MAGNETS

Features the all-new dual diameter magnetic circuitry with 2 Alnico V magnetic material structures combined into one dual diameter, producing more power per pound. Provides exacting full range reproduction of unsurpassed tonal quality. Slim modern design with heavy steel frame.

- MODEL D15P 15"—Power rating: 35 watts peak. Response: 25 to 12,000 cps. 21.5 ozs. magnet. Shpg. wt., 9 1/2 lbs. Net 26.17
GS-535 2.00 Down
- MODEL D12P 12"—Response: 30 to 14,000 cps. 21.5 oz. magnet. Power rating: 30 watts peak. Shpg. wt., 7 1/2 lbs. Net 23.96
GS-534 2.00 Down
- MODEL D12LA 12"—Response: 30 to 16,000 cps. 10 oz. magnet. Power rating: 20 watts peak. Shpg. wt., 6 1/2 lbs. Net 17.61
GS-533 2.00 Down
- MODEL D12J 12"—Response: 35 to 15,000 cps. 6.8 oz. magnet. Power rating: 15 watts peak. Shpg. wt., 6 lbs. Net 11.73
GS-532
- MODEL D8P 8"—Response: 35 to 13,000 cps. 21.5 oz. magnet. Power rating: 20 watts peak. Shpg. wt., 5 lbs. Net 20.73
GS-531 2.00 Down
- MODEL D8LA 8"—Response: 40 to 16,000 cps. 10 oz. magnet. Power rating: 20 watts peak. Shpg. wt., 4 lbs. Net 14.67
GS-530
- MODEL D8J 8"—Response: 45 to 15,000 cps. 6.8 oz. magnet. Power rating: 12 watts peak. Shpg. wt., 3 1/2 lbs. Net 10.29
GS-529
- MODEL D69J 6 1/2"—Response: 60 to 16,000 cps. 6.8 oz. magnet. Power rating: 12 watts peak. Shpg. wt., 2 1/2 lbs. Net 9.97
GS-536

UTAH CONTINENTAL SPEAKERS

High quality speakers featuring extremely wide range response with fine rich tone. Ideal for stereo reproduction. High efficiency Alnico V magnets are used to maintain the smoothest response over the entire range. The midrange speaker and tweeter are fully enclosed in the back to prevent interaction with the woofer. Utilizes the new C-R (controlled response) feature. Cloth skiver roll provides smooth response for woofers. Solderless terminals are phase-coded for easy connections in multispeaker systems. Ultra-rugged construction, featuring seamless cones, with all fibre-to-metal bands made with heat and extreme pressure. Extended range speakers use separate matched cones for bass and treble to provide better response. Finished in distinctive wrinkle-grey and soft-gold trim. All speakers have 16 ohm impedance.

Stock No.	Utah No.	Size & Description	Magnet Wt. (OZ.)	Peak Audio Watt	Frequency Response (CPS)	Shpg. Wt. Lbs.	Net
GS-537	CTFN	5" Tweeter	3.16	40	3500/20,000	3 1/4	9.55
GS-521	CM6J	6" Mid Range	6.8	15	600/6,000	3 3/4	14.41
GS-522	CM8L	8" Mid Range	14.7	20	500/5,000	4 1/2	22.31
GS-538	CBRD*	8" Woofer	2 lb.	25	20/3,000	8	34.99
GS-524	C8R	8" Woofer	2 lb.	25	20/8,000	8	31.72
GS-525	C12P	12" Woofer	21.5	25	25/8,000	7 1/2	30.28
GS-526	C12R	12" Woofer	2 lb.	30	20/7,500	10 1/2	34.66
GS-527	C15R	15" Woofer	2 lb.	40	20/5,000	13	39.25

* Dual Voice Coil

CONTINENTAL C12R0 12" DUAL VOICE COIL WOOFER

Brand new design handles lows of both stereo channels. Magnet weighs 2 lbs. Power handling capacity: 30 watts. Frequency response: 20 to 2,500 cps. Shpg. wt., 10 1/2 lbs. Net 38.22
GS-528 2.00 Down

LAFAYETTE

EXCLUSIVE CROSSOVER NETWORKS & TWEETERS

QUALITY COMPONENTS AT SAVINGS OF 33-50%



LN-5 14.95

NEW! 2- and 3-way L/C CROSSOVER NETWORK

- 4 CROSSOVER FREQUENCIES: 350, 700, 2000-3000, 5000 CYCLES
- 6 CROSSOVER COMBINATIONS
- 2 OR 3 WAY CROSSOVER
- ATTRACTIVE METAL CASE
- BUILT-IN BRILLIANCE & PRESENCE CONTROLS

This versatile unit can be used either as a 2-way or 3-way 6 db per octave network. You can use this network for a 2-way system now, easily and quickly convert to 3-way later. Six crossover combinations are available—2-way crossover with 2000-3000 cycle or 5000 cycle crossover, and 3-way with crossover frequencies of 350 and 5000, 350 and 2000-3000, 700 and 2000-3000 or 700 and 5000 cycles—a total of four different crossover frequencies! Suitable for 8-16 ohm speakers. The network is housed in an attractive metal case, suitable for mounting inside enclosure or leaving out in the open. Two level controls—Brilliance and Presence controls—are mounted on the front panel. If desired, these level controls may be removed, along with the beautiful gleaming copper escutcheon plate, for external mounting; controls are wired with 3-foot long leads. High quality components are used for long life and top performance. Shpg. wt., 6 lbs.

LN-5 Lafayette L/C Crossover

Net 14.95



HW-7 14.95

HIGH FREQUENCY TWEETER WITH ACOUSTIC LENS DIRECT IMPORTATION MAKES THIS PRICE POSSIBLE!

- FREQUENCY RESPONSE FROM 2000 CPS TO BEYOND AUDIBILITY
- LOUVRED ACOUSTIC LENS FOR UNIFORM SOUND DISPERSION
- HANDLES 25 WATTS OF POWER
- PRICED EXCEPTIONALLY LOW

New high frequency tweeter featuring a louvred acoustic lens for uniform sound dispersion and capable of handling up to 25 watts of distortion-free power. The directional tendency of high frequency notes is overcome by the natural wide dispersion angle of the short horn and acoustic lens which disperses and radiates the high notes smoothly throughout the entire listening area. The lens is detachable for panel mounting, with a separate base for the tweeter furnished for external mounting where desired. Aluminum voice coil has 16 ohms impedance. Size: 4 1/4" long x 3" diameter, lens extends 2 1/2". Requires a crossover network, preferably one with a level control, such as the LN-2. With full instructions. Shpg. wt., 5 lbs.

Net 14.95

HW-7



LN-7



LN-1



LN-2B



HK-3



SK-121

SK-122

2 OR 3 WAY CROSSOVER NETWORK

- 4 CROSSOVER FREQUENCIES • L PAD BALANCE CONTROLS
- EASY TO USE • IMPEDANCE 16-OHMS

The LN-7 Crossover Network combines quality performance, beauty and versatility at an unbeatable price. It can be used in a two-way system by crossing over at 500 cps or 3300 cps, and in a three-way system by utilizing the two simultaneously. The change from a two-way to a 3-way 6 db per octave network may be accomplished easily. Two level balance controls. Size 5 1/2"x2 1/2"x2 1/2". Shpg. wt., 2 1/2 lbs.

LN-7

Net 8.75

LAFAYETTE 2-WAY CROSSOVER NETWORK

- CROSSOVER AT 2000/3000 CYCLES
- 6 DB/OCTAVE ATTENUATION
- IMPEDANCE 8-16 OHMS

This Lafayette L/C network, ruggedly built and carefully designed, can be used to divide the audio frequency spectrum at 2/3 kc. as required by 2-way multiple hi-fi speaker systems. Provides attenuation of 6 db per octave. You'll get quality performance at low cost. For 8-16 ohms systems. Enclosed metal case 3x2 1/2"x3". Shpg. wt., 2 1/2 lbs.

LN-1

Net 4.95

LAFAYETTE 2-WAY CROSSOVER NETWORK

ADJUSTS TO EITHER 2500 OR 5000 CPS CROSSOVER FREQUENCY

A carefully designed capacitive-inductive 2-way crossover network with crossover frequency easily set to either 2500 or 5000 cycles. Has a built-in continuously variable high-frequency "Brilliance" level control to match room acoustics perfectly. Control has a 2 1/2 ft. cable to mount on rear or side of speaker cabinet, and a long shaft for thick wood panels. Has an attractive brushed-gold finish escutcheon plate. For use with 8-16 ohm speakers. Easily accessible screw terminals. Metal case 5 1/2"x2 1/2"x2 1/2". Complete with simplified instructions. Shpg. wt., 5 lbs.

LN-2B 2-Way Crossover Network With Control

Net 7.95

CONE TYPE METAL-CASED HI-FI TWEETER

- FREQUENCY RESPONSE 2000-16,000 CPS
- HANDLES 20 WATTS
- IMPORTED TO SAVE YOU MONEY

Without doubt one of the finest cone type high frequency tweeters we have ever tested, and is exceeded in performance only by diaphragm type tweeters. It is particularly efficient in the higher end of the audio spectrum where ordinary cone tweeters tend to lose clarity and volume. With this tweeter added to your present system, you will be able to hear all the fine transients and high notes of the upper register as they were actually recorded. Entirely enclosed in metal case with base for standing by itself, or mounting on a flat surface. Bracket is supplied for mounting on panel or in cabinet. Requires crossover network such as Lafayette LN-2. Diameter 3". Depth 2 1/4". Voice coil impedance 8-16 ohms. HK-3 Hi-Fi Tweeter—Shpg. wt., 4 lbs.

Net 5.95

NEW! METAL CASED TWEETER

- FREQUENCY RESPONSE 3,000-16,000 CPS
- HANDLES 20 WATTS OF POWER
- CHOICE OF 8 OR 16 OHM IMPEDANCE

The modest price of this tweeter gives no indication as to its high quality. Smooth, silky reproduction of the high frequencies along with an even sound dispersion is insured by the use of the round cone. The tweeter assembly is protected by a heavy wire mesh screen and completely encased an attractive Satin Gold metal. As a result of the rear casing on the tweeter, speaker interaction between speakers has been eliminated allowing for the placement of the tweeter in the same enclosure with the woofer and mid-range speakers. Supplied with sturdy attached mounting stand and 2 1/2 ft. hook-up cord. Size 2 7/8" diam. x 2" deep. Shpg. wt., 2 1/2 lbs.

SK-121 8 ohm Tweeter

Net 2.95

SK-122 16 ohm Tweeter

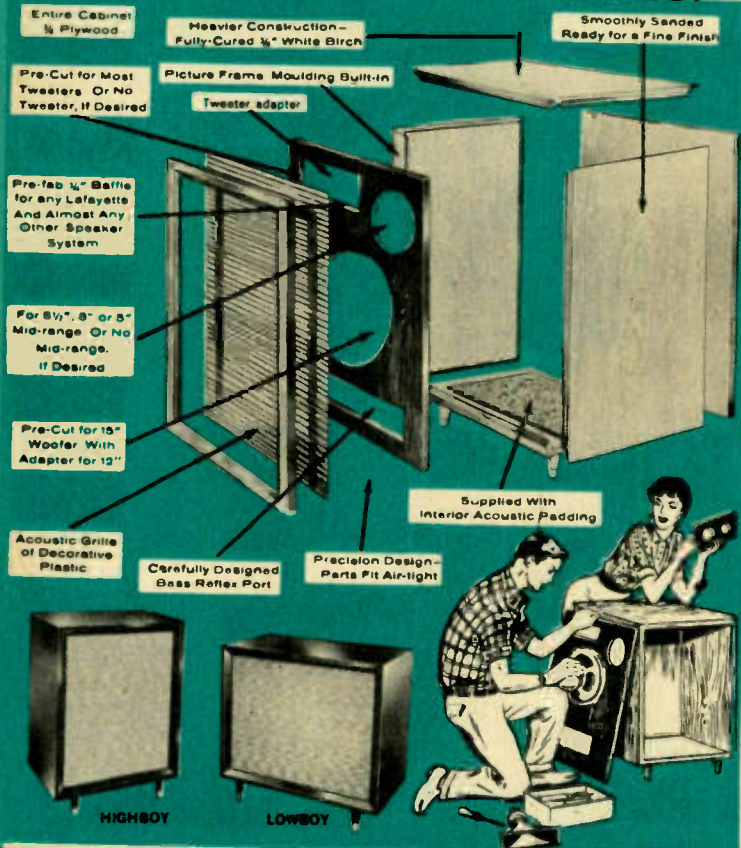
Net 2.95

BUILD-YOUR-OWN LAFAYETTE SPEAKER ENCLOSURES

EASY-TO-ASSEMBLE HI-FI ENCLOSURE KITS and COMPLETE SPEAKER SYSTEMS

AT TREMENDOUS SAVINGS TO YOU!

LAFAYETTE UNIVERSAL HI-FI BASS REFLEX ENCLOSURE KITS



A
LAFAYETTE
BEST BUY
AT ONLY
29.50

● EASIEST TO ASSEMBLE—ALL YOU NEED IS A SCREW-DRIVER! ● 3/4" WHITE BIRCH ● PRECISION-CUT—FITS TOGETHER SMOOTHLY ● PERFECT FOR SINGLE WIDE-RANGE, 2-WAY OR 3-WAY SPEAKER SYSTEMS ● HIGHBOY OR LOWBOY STYLE

All pieces of these carefully designed bass reflex high fidelity speaker enclosures are accurately precut of 3/4" veneers to fit snugly together and eliminate spurious resonances. Front panels have picture-frame moulding and plastic acoustic grilles to blend with any finish and room decor. Tapered offset legs are protected by brass ferrules. Acoustic lining material prevents reverberation and cabinet resonance. Cutouts are provided for 15" speaker plus adapter for 12"; 8 1/2" or 8" midrange plus adapter for 5" and blank wood block if no midrange speaker is used; Jensen compression horn tweeter plus adapter for Lafayette MK-3, HW-7 or Lafayette-Goodmans SK-104 tweeters plus blank wood block if no tweeter is used. Thus, any single wide-range 12" or 15" speaker may be used, or any Lafayette 2- or 3-way speaker system, or almost any other combination of speakers. Kits are supplied unfinished, smoothly sanded and ready for finishing. The lowboy-style cabinet dimensions are (less legs) 28 7/8" W x 23 1/2" H x 16 3/4" D; legs are 7" high. Highboy has same dimensions with height and width interchanged. Instructions, all parts, hardware, and grille are included. Shpg. wt., 54 lbs.

Kit	Price	Net
CK-10WX Unfinished Highboy Enclosure Kit	2.00 Down	Net 29.50
CK-11WX Unfinished Lowboy Enclosure Kit	2.00 Down	Net 29.50

FINISHING KITS

To obtain professional-like furniture finishes. Includes Varnish, Filler-stain, Sealer, Solvent, Brush, Sandpaper and instructions. Shpg. wt., 6 lbs.		
MS-584 Walnut	MS-586 Fruitwood	MS-588 Golden Oak
MS-585 Mahogany	MS-587 Cherry	MS-698 Maple
MS-687 Harvest Wheat	MS-589 Ebony	
Net Each		3.50

Factory-Assembled Bass Reflex Enclosures

Same as the Lafayette Kits above but factory-assembled and finished in lustrous, hand-rubbed mahogany or blonde to measure up to the finest standards of high quality fine-furniture finishes. Also available assembled but unfinished. Shpg. wt., 54 lbs.

CAB-13WX Assembled Unfinished Highboy	2.00 Down	Net 39.50
CAB-19WX Highboy, Assembled in Mahogany or Blonde (specify)	2.00 Down	Net 49.50
CAB-21WX Highboy Assembled in Walnut	5.00 Down	Net 52.50

AT TREMENDOUS SAVINGS TO YOU! Lafayette Oiled Walnut Finishing Kit

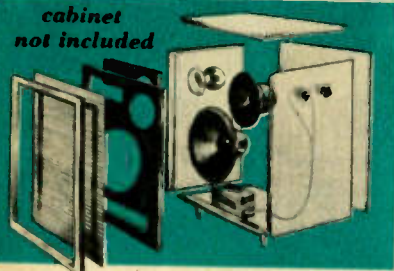


Use this professional walnut oiling kit to achieve a beautiful oil finish on all walnut furniture . . . as well as an attractive walnut colored finish on light colored woods, such as birch. Materials are identical to those used by professional finishers; kit contains walnut oiling mixture, walnut paste wax, sandpaper and instructions. Shpg. wt., 2 lbs. MS-592 Net 2.69

LAFAYETTE BEST-BUY 3 WAY SPEAKER SYSTEM

Famous 3-WAY SYSTEM

with 15" WOOFER... 8" MID-RANGE SPEAKER... HORN TWEETER... CROSSOVER NETWORK



55.50
ONLY 5.00 DOWN

- 15-INCH WOOFER WITH 31.5 OZ. MAGNET (SK-67W)
- 8-INCH MID-RANGE SPEAKER (SK-74W)
- NEW HIGH-FREQUENCY ACOUSTICAL LENS TWEETER (HW-7)
- 3-WAY CROSSOVER NETWORK (LN-5)

EXPLODED VIEW SHOWS HOW SYSTEMS MOUNT IN CABINET

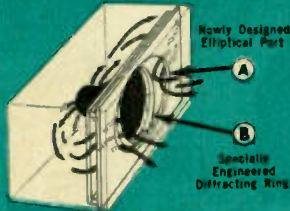
Lafayette presents this outstanding 3-way speaker system designed for the high fidelity enthusiast who desires performance formerly possible in multi-speaker systems costing many times this price. You won't believe your ears when you hear the superb reproduction throughout the entire audio spectrum. The SK-67W 15" woofer provides phenomenal bass response, the SK-74W 8" speaker delivers full bodied, mid-range frequencies,

and the HW-7 high frequency acoustical lens tweeter faithfully reproduces the highest audible frequencies. Crossover points at 350 and 5000 cycles are provided by the LN-5 3-way inductance-capacitance network with continuously variable presence and brilliance controls that adjust tone balance to personal taste. Shpg. wt., 25 lbs. SY-93WX Complete system as listed above Net 55.50

THE FAMOUS LAFAYETTE SPEAKER CABINET in READY-TO-FINISH, EASY-TO-ASSEMBLE KIT FORM

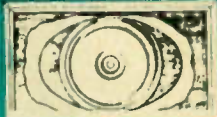
ELIPTOFLEX

PHENOMENAL ELIPTOFLEX
PERFORMANCE DUE TO:



The loudspeaker is mounted on a recessed baffle board extending partially across the front surface of the cabinet forming ducts or tubes. The elliptical cutout varies the effective length of the duct across its area and provides an extremely smooth transition from duct to free air; broadens frequency response, and provides better transient response. A triangular shaped diffracting ring virtually eliminates undesirable cancellation effects and acts as a "lens," changing relative particle velocities and consequently, phase relationships so as to produce a smooth transition from front to rear radiation.

FRONT VIEW



SIDE VIEW



**A Bookshelf-Size Enclosure
Engineered by Lafayette
Research—ASSEMBLE IT,
FINISH IT, and SAVE!**

**5.00 DOWN
ONLY**

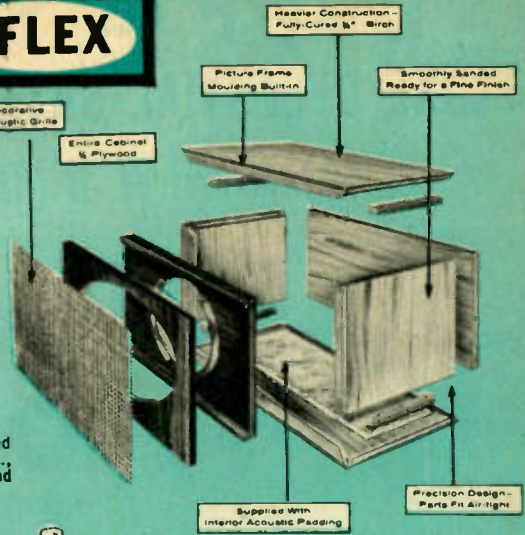
21.50

- The Same Speaker Cabinet That Set A New Standard of Excellence
- Utilizes the Full Advantages of Efficient 12" Speaker Performance
- Provides Optimum Performance Without Use of Expensive Large Wattage Amplifiers
- Adapts to any Room Arrangement for Vertical or Horizontal Placement

This is the same Lafayette Eliptoflex Speaker Cabinet that set a new standard of speaker enclosure excellence—now available in ready-to-finish birch, easy-to-assemble kit form. The easy-to-follow instruction sheet, with large pictures, guide you step-by-step for easy assembling. When completely assembled and highlighted with your favorite finish—you'll be amazed at the professional-looking results.

You'll also appreciate the engineering excellence of this speaker cabinet. The Eliptoflex utilizes a unique elliptical port which broadens frequency response and provides better transient response. A specially engineered diffracting ring eliminates cancellation effects between front and rear radiation. The "Eliptoflex" achieves a degree of natural smoothness, low distortion and rich robust bass. Due to its highly efficient design characteristics, costly high wattage amplification is not required. Assembled the "Eliptoflex" measures 14Hx23 $\frac{1}{4}$ Wx13 $\frac{1}{4}$ "D. Shpg. wt., 24 lbs.

CK-14WX Ready-To-Finish "Eliptoflex" Speaker Cabinet Kit 2.00 Down Net 21.50



**HERE IS THE ELIPTOFLEX
COMPLETELY ASSEMBLED**



EASY TO ASSEMBLE!

NEW Lafayette BASS REFLEX SPEAKER BOOKSHELF ENCLOSURE KIT FOR 8" or 6" SPEAKERS

**COMPARES TO CABINETS
PRICED AT \$35—**

- Precision Cut — Fits Together Smoothly
- Adapts for 8" or 6" Speakers
- Easy To Follow Pictorial Instructions
- Versatile — Use As Floor or Bookshelf Enclosure

BUILD IT YOURSELF . . . All that's required to construct this excellent bookshelf speaker enclosure is a screwdriver and thirty minutes of your time. Expensive woodworking equipment isn't needed — each cabinet component has been precision cut and fits together perfectly. There's nothing else to buy . . . acoustic padding, grill cloth and hardware are provided. Use any 8" or 6" speaker; the mounting board has been precut for 8" speakers and an adapter is supplied for 6" speakers. Completely versatile—along a wall, mount in a bookshelf horizontally or place vertically on the floor, literally adapts to any room arrangement. Constructed of $\frac{3}{4}$ " veneers throughout with handsome picture frame moulding. You save even more by finishing this kit yourself—the smoothly sanded furniture grade white birch provides a finish you'll be proud of. (See Lafayette's professional finishing kits.) Dimensions: 23" x 9 $\frac{1}{2}$ " x 11". Shpg. wt., 15 lbs.

CK-31WX Net 8.95
Speakers for Lafayette CK-31 Cabinet Kit Lafayette 8" Duo-Cone Speaker 40-16,000 cps response. Net 9.95
SK-98 Net 9.95
Lafayette 6 $\frac{1}{2}$ " Coaxial Speaker 50-16,000 cps response. Net 6.95
SK-97

Not $\frac{1}{2}$ ", But $\frac{3}{4}$ " Furniture
Grade White Birch



8.95

Entire Cabinet
 $\frac{3}{4}$ " Plywood

Smooth, Sanded,
Ready for a Fine Finish

Built-In Picture
Frame Moulding

**Assembles In
Less Than
30 Minutes!**

Adapter for 6"
Speaker

Precut for 8"
Speaker

Interior Acoustic
Padding

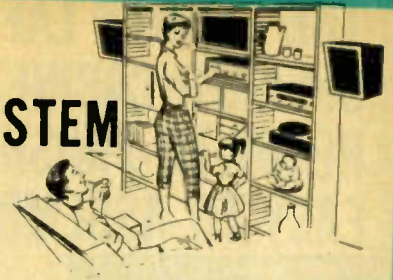
Carefully Designed
Bass Reflex Port

Decorative Acoustic
Grill Cloth

LAFAYETTE

DELUXE CELESTIAL-SATELLITE SPEAKER SYSTEM

A DYNAMIC NEW DIMENSION IN STEREO



COMPLETE SYSTEM
64.50
ONLY 5.00 Down



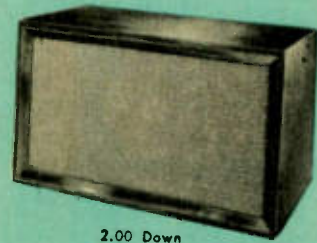
- 12" High Compliance Dual Voice Coil Woofer with 2 lb. Alnico V magnet
- 3-Channel Wide Panoramic Sound Ends "Hole In The Middle" or "Ping Pong" Effect
- Special Crossover Network Kit
- Frequency Response 20-16,000 cps.

OPTIONAL SPEAKER ENCLOSURES

Satellite Speaker Enclosure: Specially designed sloping front 3/4" enclosure for SK-98 satellite speakers. Size: 14Wx10 1/2 Hx7 1/2" D. Shpg. wt., 9 1/2 lbs.
CAB-103WX Mahogany, CAB-104WX Walnut Net 12.45
CAB-125WX Unfinished Net 10.30

Lafayette research and engineering facilities have evolved a new conception in stereo speaker systems. Research has established that the low bass frequencies are nondirectional. By employing a newly designed high compliance 12" dual voice coil woofer SK-133 with 2 lb. Alnico V magnet, Lafayette engineers have utilized this phenomenon. Bass frequencies below 300 cps. are directed from respective stereo channels to two electrically separate voice coils. In this manner both bass signals are blended through the single woofer cone assembly, while the two satellite speakers consisting of 2 SK-128 ultra-linear 8" bi-axial speakers reproduce all the bass overtones, middle and high frequencies.

or small musical group is properly located near the center. Conventional stereo speaker systems require large areas of space with the distance between speakers and location of the listening area in relation to these speakers extremely critical — Not so the Lafayette Celestial-Satellite Stereo system. Complete balance controls are provided for balancing low, middle and high frequency contours to individual listening tastes and room acoustics. Satellites may be placed in any position along the room (high or low) and may be separated by as much as 20 feet, with the Celestial low frequency bookshelf unit located any distance between Satellites as room decor permits. Power Handling Capacity 30 watts. Impedance 8 ohms. Shpg. wt., 27 1/2 lbs. Complete with necessary instructions, hook-up cable, crossover network kit KT-161 plus 2 VC-49 L pads.
SY-396WX Only 5.00 Down Net 64.50
Same as above with 2 Lafayette SK-98 dual cone 8" speakers instead of SK-128 speakers. Shpg. wt., 25 1/2 lbs.
SY-393WX 2.00 Down Net 49.50



2.00 Down

The Celestial-Satellite speaker system utilized with a normal 2-channel amplifier achieves 3-channel wide panoramic stereo without the annoying "hole in the middle" or "ping pong" effect so often found in conventional stereo speaker systems. A large symphony orchestra spreads across the entire area, while a soloist

NEW CELESTIAL-SATELLITE SYSTEM WITH 8" DUAL VOICE COIL WOOFER

This economical 3 channel speaker system provides 3 channel wide panoramic sound from a normal standard 2 channel stereo amplifier and is essentially the same as the larger 12" Celestial-Satellite Speaker System (described above). Speakers consist of a new high compliance 8" dual voice coil woofer SK-139 with 2 lb. Alnico V magnet, two SK-128 8" bi-axial speakers and a special cross-over network with balance controls. Fre-

quency response 20-16,000 cps. Power handling capacity 30 watts. Impedance 8 ohms. Shpg. wt., 26 lbs.
SY-397WX Only 5.00 Down Net 59.50
Same as above with 2 Lafayette SK-98 dual cone 8" speakers. Shpg. wt., 23 1/2 lbs.
SY-394WX 2.00 Down Net 45.50

Famous Lafayette "Elliptoflex" bookshelf enclosure: Finished on 4 sides for SK-133 12" Dual Voice Coil Woofer Size: 14Hx23 3/4 Wx13 3/4" D. Shpg. wt., 24 lbs.
CAB-127WX Mahogany, CAB-126WX Walnut Net 36.50
CAB-126WX Unfinished Net 31.50
Lafayette "Mini-Duct" bookshelf enclosure for SK-139 8" Dual Voice Coil Woofer. (See "Mini-Duct" page for information).

FOR CROSSOVER NETWORK KIT AND "L" PAD SEE BELOW

LAFAYETTE HIGH COMPLIANCE DUAL-VOICE-COIL STEREO WOOFERS

THE VERY SAME STUDIO QUALITY WOOFERS EMPLOYED IN THE LAFAYETTE CELESTIAL-SATELLITE STEREO SPEAKER SYSTEMS

Acoustical studies have shown that low frequency response is not directional. . . Indeed the stereo effect we hear is determined by frequencies above 350 cps. This dual voice coil woofer features two electrically separate voice coils on a single woofer chassis. Each voice coil receives low frequencies from its respective stereo channel. Both of these signals are blended through the single woofer cone. This advance in stereo

design now makes possible 3-channel stereo without the need of complicated costly control filters or adapter networks.

Now Lafayette offers these advanced design dual voice coil woofers for the high-fidelity enthusiast who wishes to build his own 3-channel stereo speaker system—or use it as the basis of a monaural system now and eventually work into a 3-channel stereo system.

12" DUAL VOICE COIL WOOFER
• FREQUENCY RESPONSE 20-2500 CPS • 2 LB. ALNICO V MAGNET • 2" VOICE COIL • HIGH COMPLIANCE CONE FLOATS ON ROLLED CLOTH EDGES • IMPEDANCE—EACH VOICE COIL 8-OHMS • POWER HANDLING CAPACITY 30-WATTS
SK-133 Shpg. wt., 10 1/2 lbs. 2.00 Down Net 25.50

8" DUAL VOICE COIL WOOFER
• FREQUENCY RESPONSE 25-3000 CPS • 2 LB. ALNICO V MAGNET • 2" VOICE COIL • HIGH COMPLIANCE CONE FLOATS ON ROLLED CLOTH EDGES • IMPEDANCE—EACH VOICE COIL 8-OHMS • POWER HANDLING CAPACITY 30-WATTS
SK-139 Shpg. wt., 8 1/2 lbs. 2.00 Down Net 20.95



CROSSOVER NETWORK KIT

Designed for use with Lafayette Dual Voice Coil Woofer (listed above). Crossovers over at 350 cycles. Employs finest quality components. Complete with detailed pictorial instructions. Shpg. wt., 3 1/4 lbs.
KT-161 Net 7.26



LAFAYETTE L PADS
Two necessary for controlling satellite level. Shpg. wt., 6 oz. VC-49 L pad for 8 ohm circuits
Net 1.39

LAFAYETTE HI-FI SPEAKER ENCLOSURES for UNITARY 2-Way - 3-Way SPEAKER SYSTEMS



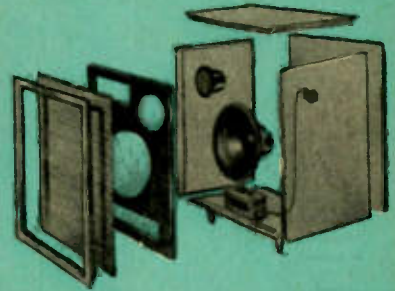
LAFAYETTE
RESONATOR
ENCLOSURE
CAB-16WX-17WX



LAFAYETTE
UNIVERSAL
HIGHBOY BASS REFLEX ENCLOSURE
CAB-13WX-19WX-21WX



LAFAYETTE
UNIVERSAL LOWBOY
BASS REFLEX ENCLOSURE
CAB-14WX-20WX-22WX



BASIC INTERNAL CONSTRUCTION OF LAFAYETTE
UNIVERSAL HI-FI SPEAKER ENCLOSURES

THE CABINET—New, lowboy console table bass reflex cabinet for 12" high fidelity speakers. Completely assembled and finished unit constructed of 3/4" stock of the finest genuine mahogany and walnut veneers. Solidly built and acoustically designed to provide wide range frequency response without reverberation or vibration. Cabinet is lined with acoustic material to prevent cabinet resonance. Front panel has attractive picture frame

LAFAYETTE UNIVERSAL SPEAKER ENCLOSURES are "universal" in the sense that almost any combination of speakers can be installed in the cabinet. Has cutout for 15" speaker plus adapter for 12". Also a cutout for 8 1/2"

Solidly constructed of 3/4" stock. Finished models of genuine veneers of the original wood. Universal speaker panel is detailed with picture frame molding and covered with pleasing plastic grille. 5" tapered offset legs are edge-tipped with brass ferrules. Lined internally with acoustic material. Size of lowboy (less legs): 28 7/8" x 23 1/2" x 16 1/2" D. Same size for highboy

molding and fine quality plastic grille cloth that matches the finish. Baffle area approximately 4.3 cubic feet. Cutout for 12" speaker. Dimensions: 20W x 23H x 16"D. Shpg. wt., 38 lbs.

CAB-16WX Finished Cabinet only (Specify Walnut or Mahogany) ... Net 29.50
CAB-17WX Same as above in Blonde finish Net 31.50

LAFAYETTE UNIVERSAL HI-FI SPEAKER ENCLOSURES

or 8" speaker plus adapter for 5" and blank wood block if such speakers are not desired. In addition, a tweeter opening is provided for most standard tweeters, plus adapter for Lafayette HK-3, HW-7 or similar type plus blank wood block if no tweeter is used.

UNIVERSAL BASS REFLEX ENCLOSURES

with height and width interchangeable. Shpg. wt., 54 lbs.
CAB-13WX Highboy; CAB-14WX Lowboy, Unfinished Net 39.50
CAB-19WX Highboy; CAB-20WX Lowboy. In Mahogany or Blonde (please specify finish) Net 49.50
CAB-21WX Highboy; CAB-22WX Lowboy. In Walnut Net 52.50

SPECIAL MONEY SAVING COMBINATIONS—LAFAYETTE CABINETS AND NATIONALLY FAMOUS SPEAKERS COMBINATIONS WITH LAFAYETTE UNIVERSAL ENCLOSURE

Stock No.	Speaker	CAB.	Reg. Price	Spec. Net
SY-185WX	Univ. 312	CAB-13	111.04	92.79
SY-186WX	Univ. 312	CAB-19	121.04	102.79
SY-187WX*	Univ. 312	CAB-21	124.04	105.79
SY-188WX	Univ. 312	CAB-14	111.04	92.79
SY-189WX	Univ. 312	CAB-20	121.04	102.79
SY-190WX*	Univ. 312	CAB-22	124.04	105.79

Stock No.	Speaker	CAB.	Reg. Price	Spec. Net
SY-191WX	E.V. 12TFXB	CAB-13	104.18	84.75
SY-192WX	E.V. 12TFXB	CAB-19	114.18	94.75
SY-193WX*	E.V. 12TFXB	CAB-21	117.18	97.75
SY-194WX	E.V. 12TRXB	CAB-14	104.18	84.75
SY-195WX	E.V. 12TRXB	CAB-20	114.18	94.75
SY-196WX*	E.V. 12TRXB	CAB-22	117.18	97.75

COMBINATIONS WITH RESONATOR

Stock No.	Speaker	Cab	Reg. Price	Spec. Net
SY-271WX†	E.V. SP12B	CAB-16	63.80	53.50
SY-272WX	E.V. SP12B	CAB-17	65.80	55.50
SY-273WX†	Lafayette SK-58	CAB-16	59.00	55.00
SY-274WX	Lafayette SK-58	CAB-17	61.00	57.00
SY-275WX†	E.V. 12TRXB	CAB-16	94.18	74.75
SY-276WX	E.V. 12TRXB	CAB-17	96.18	76.75
SY-279WX†	Univ. 312	CAB-16	101.04	82.79
SY-280WX	Univ. 312	CAB-17	103.04	84.79

* Specify Walnut or Blonde finish.

† Specify Walnut or Mahogany finish.

ROCKFORD

ACOUSTICAL CABINETRY for HIGH FIDELITY



Model 101

Model 100
OPEN VIEW



Slide-Out
Drop Front

57.50

ROCKFORD 100
EQUIPMENT CABINET

Sturdily built of selected woods by furniture craftsmen to protect the operating stability of your high fidelity components. Upper section of cabinet will house pre-amplifier and/or amplifier, tuner, or tape recorder-player. Has drop front to keep open or closed. Lower pull-out drawer section will mount a record changer or by means of a "T" adapter, a transcription table may be used. Overall size 29W x 32 1/2 H x 18" D. Shpg. wt., 49 lbs.

CAB-87WX	Walnut	5.00 Down	Net 57.50
CAB-88WX	Mahogany	5.00 Down	Net 57.50
CAB-19WX	Blonde	5.00 Down	Net 57.50
CAB-90WX	Ebony	5.00 Down	Net 57.50

ROCKFORD "T" ADAPTER BOARD — Converts Rockford 100 and 105 Equipment Cabinets for use with 12" transcription turntables. Available in Walnut, Mahogany, Blonde, and Ebony. Net 1.50

ROCKFORD 105 EQUIPMENT and RECORD CABINET



Cabinet Closed

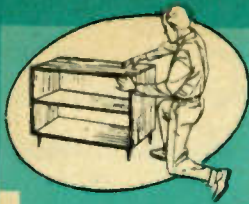
119.95

An all-in-one equipment center designed to house your amplifier and/or preamplifier, tuner, tape recorder, record changer and transcription table. Furniture-crafted of selected woods for component stability, and richly finished this cabinet will be an attractive addition to any room decor. Sliding doors across the entire front add beauty and protection for your components. Inside dimensions of component section are: 18 1/2" x 13 3/4" H. A removable shelf is provided which is adjustable in height for mounting separate components. Lift top compartment measures 16 1/2" x 19 1/2" x 6" D. Overall Size: 40W x 32 1/2 H x 19 1/2 D. Shpg. wt., 113 lbs.

CAB-128WX	Walnut	5.00 Down	Net 119.95
CAB-130WX	Mahogany	5.00 Down	Net 119.95
CAB-131WX	Blonde	5.00 Down	Net 119.95
CAB-132WX	Ebony	5.00 Down	Net 119.95

ROCKFORD 101 SPEAKER ENCLOSURE — Matches perfectly with the 100 and 105 equipment cabinets — place together with the equipment cabinet as a complete entertainment center, or locate separately for best room arrangement. Accepts either 12" or 15" speakers. Size: 20W x 32 1/2 H x 18" D. Shpg. wt., 50 lbs.

CAB-115WX	Walnut	5.00 Down	Net 55.95
CAB-116WX	Mahogany	5.00 Down	Net 55.95
CAB-117WX	Blonde	5.00 Down	Net 55.95
CAB-118WX	Ebony	5.00 Down	Net 55.95



EASY TO ASSEMBLE

GENUINE 3/4" WALNUT OR HARDWOOD BIRCH RECORD CABINET AND ADD-ON KITS

Complete With Matching Legs



Record cabinet and add-on cabinet with legs

- Each Cabinet Holds 125 LP'S • Precision-machined for Easiest Assembly
- Add-on-unit Doubles the Capacity • Choose from Genuine Walnut or Hardwood Birch • Compare With Cabinets Selling for Much More

RECORD CABINET KIT

16.95 3/4" WHITE BIRCH

19.95 3/4" WALNUT

RECORD CABINET KIT

ADD-ON CABINET KIT

14.95 Walnut

11.95 Birch

GO AS HIGH AS YOU LIKE



Now you can store all your phonograph records in a handsome furniture piece that adds to the decor of your home. Constructed of genuine walnut you can stain or finish, or unfinished hardwood birch to paint. Expertly precision-machined at the factory — even the screw holes are set. Complete with four 4" legs, 4 ferrules, 4 brackets, 4 glides. Kit also consists of 2 side pieces, bottom, top, back plate, 4 dividers. All hardware included — all you need is a screwdriver. Complete assembly instructions. Assembled, off legs, the cabinet measures 30Wx14Dx14 1/2"H. Shpg. wt., 34 lbs.

CK-15WX Birch Unfinished Cabinet Kit with Matching Legs Net 16.95

CK-16WX Walnut Unfinished Cabinet Kit with Birch Legs in Walnut Finish Net 19.95

Add-on cabinet gives you double the space without doubling the price. You simply take the top board off the record cabinet, put on the add-on cabinet, and use the top board as the top of the add-on cabinet. Add-on unit kit consists of 2 sides, bottom piece, back plate, 4 dividers. Hardware and instructions included. Assembled it measures 30" wide, 14" deep, 13 3/4" high. Shpg. wt., 29 lbs.

CK-17WX Birch unfinished kit Net 11.95

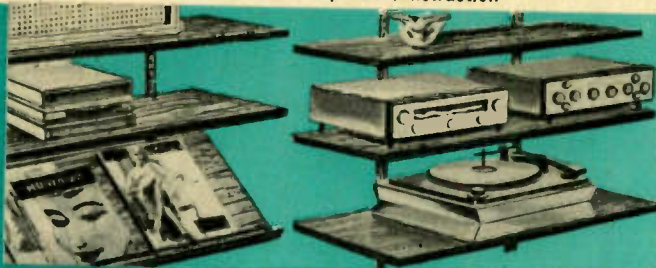
CK-18WX Walnut unfinished kit Net 14.95

MATCHING BOOKCASE AND SHELF KITS

GENUINE 3/4" WALNUT or HARDWOOD BIRCH SHELF KITS

ATTRACTIVE SPACE SAVERS AT LOW PRICES

- Perfect for books or bric-a-brac • Different sizes for every need
- Guaranteed warp free construction



LOW AS **16.95**

More than just multi-purpose wall shelves, they will add new beauty to your rooms. You can choose genuine walnut that is ready to stain or finish, or clear, unfinished hardwood birch ready for finishing. All edges are veneered. With each set of shelves you get rustproof, non-tarnishing, all-steel standards and brackets. All shelves 3/4" thick. (Due to different wall constructions, requiring certain screws, etc., wall mounting hardware is not included with these sets.) HI-FI SET. Set of three 48" shelves designed for a hi-fi set. Shelves are 8", 12" and 16" deep to accommodate turntable, amplifier, etc. Three 36" standards, 9 brackets. Shpg. wt. 36 lbs.

CK-21WX Birch 2.00 Down 34.95

CK-22WX Walnut 2.00 Down 39.95

36" SET. Set of three shelves, 36" wide, 8" deep. Two 36" standards, 6 brackets. Shpg. wt., 22 lbs.

CK-23WX Birch 16.95

CK-24WX Walnut 19.95

48" SET. Set of three shelves, 48" wide, 8" deep: Three 36" standards, 9 brackets. Shpg. wt., 26 lbs.

CK-25WX Birch 2.00 Down 22.50

CK-26WX Walnut 2.00 Down 27.50

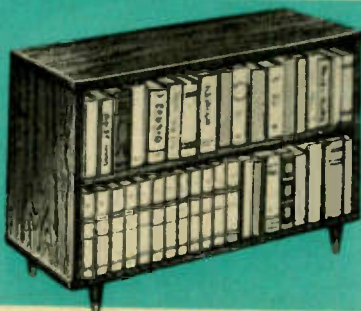
SET WITH MAGAZINE RACK. Includes two 48" shelves, 8" deep, and a 48" magazine rack, 16" deep, with lip. Three 36" standards, 6 regular brackets and 3 adjustable brackets to angle the magazine rack. Shpg. wt., 36 lbs.

CK-27WX Birch 2.00 Down 35.95

CK-28WX Walnut 2.00 Down 43.95

EASY ASSEMBLE BOOKCASE OF GENUINE 3/4" WALNUT or HARDWOOD BIRCH

3/4" WHITE BIRCH **16.95**



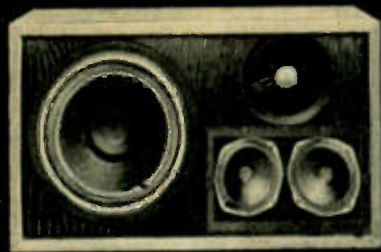
3/4" WALNUT **19.95**

- If bought assembled would cost much more
- Complete in one kit
- Precision-machined at the factory

Assemble your own bookcase and then compare it with units selling for twice as much. Compare construction — you can choose genuine walnut you can stain or finish, or unfinished hardwood birch. All parts are precision-machined at the factory, down to the last screw-hole. All you need is the screwdriver. Compare cost — you'll pay twice as much elsewhere. The kit is complete with a leg set consisting of 4 legs 4" high, 4 ferrules, 4 brackets, and 4 glides. Easy-to-follow assembly instructions also included. Overall, bookcase is 30" wide, 34 1/2" deep, 28" high. Shpg. wt., 30 lbs.

CK-29WX Birch 16.95

CK-30WX Walnut 19.95



AR-2a

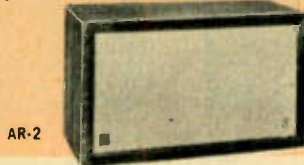
NEW! AR-2a

The AR-2a is an outstanding loudspeaker system that has a clean level frequency response to beyond 20,000 cycles. This three-way system uses a 10" acoustic suspension woofer and a dual 5" tweeter assembly for handling the low and mid-range frequencies, and a special 1 1/2" dome-type super-tweeter for the very high frequencies. An LC cross-over network is employed with cross-overs at 2000 and 7500 cycles. Independent level adjustment controls for the midrange and supertweeter driver units are provided — to compensate for the acoustic characteristics of the listening area. The 10" low frequency driver produces almost distortion free transient response down to 30 cycles. The midrange provides remarkably transparent sound. The dome-type supertweeter used in the AR-2a operates as direct radiator having excellent frequency response characteristics — within 1.5 db of the ideal response curve from 7500 to 20,000 cycles (crossover at 7500 cps). It provides excellent high frequency dispersion even at angles as large as 60° off axis. The reinforced enclosure is filled with fiberglass to prevent undesirable resonance. For best performance a minimum of 20 very clean watts should be available. Impedance 8 ohms. Dimensions: 24Wx11 3/4Dx13 1/2"H. Furniture models are finished on all 4 sides. Utility model of Ponderosa pine on all four sides with birch front molding. Shpg. wt., 41 lbs.

GB-420WX AR-2a Mahogany	5.00 Down	Net 122.00
GB-421WX AR-2a Walnut	5.00 Down	Net 128.00
GB-422WX AR-2a Oiled Walnut	5.00 Down	Net 128.00
GB-423WX AR-2a Korina	5.00 Down	Net 128.00
GB-424WX AR-2a Unfinished	5.00 Down	Net 109.00



AR-1



AR-2



AR-3

AR-1. Based on "acoustic suspension" principle, speaker cone is mounted on a highly compliant free suspension. The cone literally rides on air instead of on mechanical springs. Advantages of this new principle are low bass harmonic distortion, exceptionally uniform extended low frequency response, and small cabinet size for optimum performance. The AR-1 includes an acoustically-suspended 12" low frequency mechanism and an 8" midrange and high-frequency unit. Amplifier should be at least 20 watts; Woofer magnetic circuit is 3.3 lbs. of Alnico 5 plus 6 lb. Armco Iron. System resonance: 43 cps ± 1 cps. Response: 38-1000 cps ± 1 1/2 db; 1,000-13,000 cps ± 5 db; down 15 db at 20 cps and 17,000 cps. Harmonic distortion (10 watts input) 25-70 cps 4 1/2%; 70-1100 cps 1%; 1100-14,000 cps less than 1%. Impedance 4 ohms. Dimensions 25Wx11 3/4Dx14"H. Shpg. wt., 52 lbs.

GB-425WX AR-1 Mahogany	5.00 Down	Net 185.00
GB-426WX AR-1 Walnut	5.00 Down	Net 194.00
GB-428WX AR-1 Korina	5.00 Down	Net 194.00
GB-429WX AR-1 Unfinished Pine	5.00 Down	Net 172.00

AR-3. A 3-way speaker system combining the renowned 12" acoustic suspension AR-1 woofer with revolutionary new mid-and hi-frequency speakers. The dome-shaped diaphragm of these new mid-range and tweeter speakers represent a complete departure from conventional design and provides a linear response to beyond 20,000 cycles. Mid-range magnetic structure is 3.3 lbs. Alnico 5 magnet. Tweeter utilizes 1.1 lb. Alnico 5 magnet. L-C network crossover at 1,000 and 7,500 cps with individual level controls. Impedance 4 ohms. Dimensions: 14Hx25Lx 11 1/2"D. Shpg. wt., 60 lbs.

GB-440WX AR-3 Mahogany	10.00 Down	Net 218.00
GB-441WX AR-3 Walnut	10.00 Down	Net 225.00
GB-442WX AR-3 Korina	10.00 Down	Net 225.00
GB-443WX AR-3 Unfinished Pine	10.00 Down	Net 203.00

AR
ACOUSTIC SUSPENSION SPEAKER SYSTEMS

AR-2. is a lower-priced version of the AR-1 with 10" acoustic-suspension speaker and matched tweeter assembly. Response 42-14,000 cps. ± 5 db; down 10 db at 30 and 16,000 cps. Harmonic distortion (10 watts input) under 2% down to 60 cps under 3% down to 50 cps. 8 ohms. Woofer employs 1.1 lb. Alnico 5 magnet. Requires amplifier delivering 10 or more clean watts. Finished models have unfinished bottoms. Dimensions: 24Wx11 3/4Dx13 1/2"H. Shpg. wt., 35 lbs.

GB-434WX AR-2 Mahogany	5.00 Down	Net 96.00
GB-435WX AR-2 Walnut	5.00 Down	Net 102.00
GB-436WX AR-2 Korina	5.00 Down	Net 102.00
GB-437WX AR-2 Unfinished Pine	5.00 Down	Net 89.00

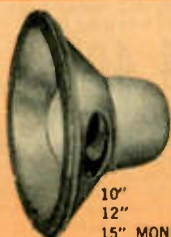
AR-1 WOOFER ONLY WITH ENCLOSURE

GB-430WX AR-1W Mahogany	5.00 Down	Net 145.00
Shpg. wt., 47 lbs.		
GB-431WX AR-1W Walnut	5.00 Down	Net 154.00
Shpg. wt., 47 lbs.		
GB-432WX AR-1W Korina	5.00 Down	Net 154.00
Shpg. wt., 47 lbs.		
GB-433WX AR-1W Unfinished	5.00 Down	Net 132.00
Shpg. wt., 47 lbs.		

AR-3 TWEETER SYSTEMS

GB-480WX AR3ST Mah.	2.00 Down	Net 35.00
(Use with AR-2) 10 lbs.		
GB-481WX AR3ST Wal.	2.00 Down	Net 38.00
(Use with AR-2) 10 lbs.		
GB-482WX AR3ST Kor.	2.00 Down	Net 38.00
(Use with AR-2) 10 lbs.		
GB-483WX AR3ST Unf.	2.00 Down	Net 32.00
(Use with AR-2) 10 lbs.		
GB-484WX AR3T Mah.	5.00 Down	Net 92.00
(Use with AR-1) 25 lbs.		
GB-486WX AR3T Wal.	5.00 Down	Net 96.00
(Use with AR-1) 25 lbs.		
GB-485WX AR3T Kor.	5.00 Down	Net 96.00
(Use with AR-1) 25 lbs.		
GB-487WX AR3T Unf.	5.00 Down	Net 87.00
(Use with AR-1) 25 lbs.		

TANNOY DUAL CONCENTRIC QUALITY HI-FI SPEAKERS

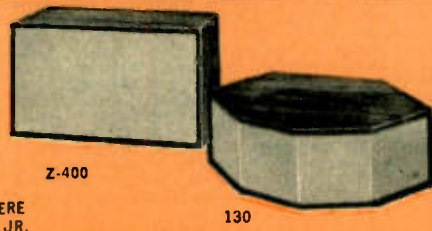


10"
12"
15" MONITOR



BELVEDERE SR. and JR.

Janszen ELECTROSTATIC HIGH FIDELITY SPEAKERS



Z-400

130

MODEL 130

For mid and high frequency range. Electrostatic radiators provides smooth sound, almost completely free of distortion. Frequency response 500 cps to 30,000 cps. Power supply 2 watts, 117 volts, 60 cps AC. Maximum program input 50 watts. Impedance 8 or 16 ohms. Dimensions 7 1/4x22x13". Shpg. wt., 16 lbs.

GB-275WX* Birch	5.00 Down	Net 179.00
GB-276WX* Mahogany	5.00 Down	Net 184.00
GB-277WX* Walnut	5.00 Down	Net 188.00
GB-278WX Utility array	5.00 Down	Net 169.00
GB-279WX Utility square	5.00 Down	Net 161.00

*Add 8 or 16 to model number to indicate Impedance desired.

Z-400 SPEAKER SYSTEM

Wide range speaker system. Janszen electrostatic tweeter is paired with the 11" Model 350 dynamic woofer. The Z-400 covers from 30 to 30,000 cps with low distortion. Built-in power supply and high pass filter. May be placed horizontally or vertically. Size: 15x26x13 1/2". Shpg. wt., 50 lbs.

GB-292WX Birch	5.00 Down	Net 149.50
GB-293WX Mahogany	5.00 Down	Net 149.50
GB-294WX Oiled Walnut	5.00 Down	Net 149.50
GB-295WX Walnut	5.00 Down	Net 149.50
GB-296WX Unfinished	5.00 Down	Net 134.50

ALTEC-LANSING SPEAKERS



605A DUPLEX



MONTEREY JR.

605A DUPLEX

The 605A is a precision instrument that reproduces sound faithfully. Provides unusually smooth response, high linearity and clean transient response. Power handling capacity: 35 watts, 50 watts peak. Frequency response: 20-20,000 cps. Magnet weight: 2 1/4 lbs. (low frequency), 1/2 lb. (high frequency). Voice coil diameter: 5" (low frequency), 1 1/4" high frequency. The exponential multi-cellular high frequency horn distorts sound 90° horizontally and 40° vertically. Impedance: 16 ohms. Shpg. wt., 44 lbs.

GS-400WX	5.00 Down	Net 177.00
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835A MONTEREY JR.

Contains ALTEC "controlled linear excursion" woofer and direct radiator, gap suspension tweeter. Finished on four sides — use vertically or horizontally. Frequency response: 45-18,000 cycles. Power rating: 15 watts. Impedance: 16 ohms. Size 11 1/4Hx23 1/4Wx11 1/4"D. Shpg. wt., 45 lbs.

GB-365WX Mahogany	5.00 Down	Net 89.50
GB-366WX Walnut	5.00 Down	Net 89.50
GB-367WX Blonde	5.00 Down	Net 89.50
GB-368WX Unfinished	5.00 Down	Net 84.00

A 12" dual concentric speaker of unusual design. Cone of woofer acts as part of exponential horn for tweeter. Frequency response from 25 to 20,000 cps Impedance is 16 ohms. External crossover network with 1,700 cps crossover. Handles 30 watts with less than 2% inter-modulation distortion. Flux density 15,000 gauss in tweeter, 11,500 gauss in woofer. Resonant frequency 35 cps. 7 1/2" deep, 12 3/4" overall diameter, 11 3/4" dia. Shpg. wt., 20 lbs.

GS-375WX	5.00 Down	Net 138.00
"15" MONITOR. 15" version of above. 50 watts power capacity. Shpg. wt., 30 lbs.		
GS-376WX	5.00 Down	Net 179.00
NEW! "10" Monitor. 10" version of above. 20 watts power capacity. Shpg. wt., 13 lbs.		
GS-384WX	5.00 Down	Net 112.75

BELVEDERE SENIOR STEREO ENCLOSURE

Designed for the 15" Tannoy Dual Concentric loudspeaker. Constructed of 1/4" bonded material, using dual damped port principle. Available in oil walnut finish. Size: 26x18x 12" deep. Shpg. wt., 76 lbs.

GB-241WX	5.00 Down	Net 85.00
Belvedere Jr. Enclosure — designed for Tannoy 12" speaker systems. Available in oil walnut finish. Size: 26x18x12" deep. Shpg. wt., 40 lbs.		
GB-240WX	5.00 Down	Net 65.00

EXPRESS SHIPMENT IS RECOMMENDED FOR HIGH-FIDELITY EQUIPMENT



SUPERIOR LOUDSPEAKER SYSTEMS



MODEL 6



MODEL 4



MODEL 7



MODEL 8

MODEL 6

An outstanding 2-way speaker system that achieves superlative bass response and provides extremely smooth performance from 32 to over 16,000 cps. Low frequency 12" speaker employs acoustic suspension principle. The high frequency cone-type direct radiator, utilizes a liquid butyl rubber suspension. Unusual mounting—the woofer frame and magnet assembly are cast right on the front panel of the cabinet. This casting is constructed of a fiberglass—reinforced epoxy resin material and steel tubing. In addition the tweeter is completely encapsulated into the front panel by means of an epoxy resin. Thus the woofer and tweeter are integrated into the front panel which actually functions as part of the frames of both speakers. When the grillecloth is mounted and the panel is glued under pressure into the fiberglass filled cabinet, the cabinet itself becomes a structural part of the system. In addition to the woofer and tweeter, the speaker utilizes a 1500 cps LC crossover network with air-cone and oil-filled capacitors. A 3-position switch permits a 5 db variation in balance between the high and low frequency sections. Power handling capacity is 75 watts. Impedance 8 ohms. Cabinet is constructed of 3/4" veneer plywood and measures 12 1/2 x 23 1/2 x 11 1/2" Shpg. wt., 36 lbs.

GB-317WX—Mahogany	5.00 Down	Net 129.00
GB-318WX—Korina	5.00 Down	Net 129.00
GB-316WX—Walnut	5.00 Down	Net 134.00
GB-320WX—Oiled Walnut	5.00 Down	Net 134.00
GB-319WX—Unfinished	5.00 Down	Net 119.00

MODEL 4

An excellent performing two way loud-speaker system designed to faithfully reproduce throughout the entire audio range. The Low frequency section uses a 12 in. acoustic suspension type speaker. The High frequency speaker is a small cone-type direct radiator. Crossover network provides independent level adjustment of 5db above 1500 cycles and also above 6000 cycles. High and low frequency sections may be connected separately. Impedance 16 ohms. Shpg. wt., 44 lbs. Size: 13 1/2 Hx25 Wx 12" D.

GB-311WX—Mahogany	10.00 Down	Net 224.00
GB-310WX—Walnut	10.00 Down	Net 231.00
GB-312WX—Utility	10.00 Down	Net 209.00

MODEL 7

The model 7 is an unsurpassed quality bookshelf system of 2.6 cu. ft. The low-frequency section of the model 7 is a 12" acoustic suspension type speaker. The High Frequency section contains two small cone type direct radiators operating as rigid pistons over the range of 1500-20,000 cps. This arrangement gives a wide dispersion of sound. LC crossover at 1500 cycles. Low and high frequency levels variable ± 2.5 db. Runners 1 1/2" high support cabinet bottom. Impedance 8 ohms. Size: 24 3/4 Hx21 1/2 Wx11 7/8" D. Shpg. wt., 52 lbs.

GB-313WX—Walnut	10.00 Down	Net 203.00
GB-314WX—Mahogany	5.00 Down	Net 196.00
GB-315WX—Unfinished Birch	5.00 Down	Net 189.00
GB-322WX—Korina	5.00 Down	Net 196.00

MODEL EIGHT FM RECEIVING SYSTEM

- Not A Radio, But a Complete FM Music System
- A Full Range of Inputs
- Attractive Solid Walnut Cabinets

An entirely new concept in QUALITY FM reception. The Model Eight is designed for the music lover who desires the finest in FM music; The Model Eight is a complete FM music system for your den, bedroom, kitchen, office or store.

The Model Eight consists of two separate but electronically integrated units housed in two solid walnut cabinets, each of which measures 10 3/4 Wx5 3/4 Hx6 1/2" D. One of these encloses the FM Tuner-amplifier chassis. The other constitutes a wide-range loudspeaker system in a sealed enclosure. They are connected by a 30' cable which can be coiled on the back of the speaker cabinet. Output jacks on the back of the tuner-amplifier chassis are provided for addition of a multibox adapter, and for use of the tuner section alone with a tape recorder or an external amplifier and speaker. Additional terminals permit substitution of an external 300 ohm antenna for the built-in antenna. Separate controls on the front panel of the tuner-amplifier section perform the following functions: on-off, treble, volume, and tuning. Each tuner is individually temperature compensated to insure freedom from drift.

Tube complement: 1- 6BS8, 1- 6U8, 3- 6AU6, 2- 6BM8, 2-germanium diodes and 1-silicon power rectifier. Fully transformer operated; requires 110-120V, 60 cps AC. Attractive satin walnut finish. Shpg. wt., 15 lbs.

G-360WX	5.00 Down	Net 139.00
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Spacial Fidelity by RFL

THE PROVINCIAL



THE SUBURBAN



THE METROPOLITAN



SPACIAL FIDELITY

Famed Radio Frequency Laboratories has developed a new approach in loudspeaker systems. After several years of extensive research, they have developed a superb system incorporating proper wood materials, cabinet construction, internal cabinet treatment, loudspeaker driver units & exact dimensions to produce Spacial Fidelity. All Spacial Fidelity systems employ the same unique design to radiate full range musical sound equally in all directions, throughout the listening area. Use stereophonically with no "hole in the middle," no squirting or beaming as through speaker portholes. Even monaural sound takes on surprising depth and dimension. Placement is non-critical. Systems do not need to be adjacent wall or corner of room—will even perform well out of doors. System available in several modes of exquisite fine furniture styling. Tasteful decor and quality performance. Impedance (all models): stereo 8 ohms, monaural 4 or 16 ohms.

THE PROVINCIAL

Captures the spirit of elegant 18th century living. Fashioned by the notable hand of Petruccielli. Size: 49x 33 3/4 x 21 7/8". Contains 6 speaker units—3 for each channel (1-12" woofer, 1-5" midrange, 1-1 1/2" tweeter). Available in platinum walnut or fruitwood. Specify finish. Shpg. wt., 192 lbs.

GB-472WX	10.00 Down	Net 795.00
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THE SUBURBAN

Its lowboy styling and clean sharp lines were created by Petruccielli to express the tempo of today's modern living. Available in walnut or red mahogany. Specify finish. Size: 35 3/4 x 27 3/4 x 15 3/4". Contains 4 speaker units—2 for each channel (1-10" woofer, 1-5" mid range). Shpg. wt., 118 lbs.

GB-471WX	10.00 Down	Net 375.00
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THE METROPOLITAN

Designed with functional versatility in mind, it may be wall mounted, set on a shelf or fitted with legs as a lowboy. Simple unobtrusive, its graceful lines will harmonize with any decor. Contains 2 speaker units—1 for each channel (1-8" full range). Size: 39x12 1/2 x 11 7/8". Available in walnut. Shpg. wt., 59 lbs.

GB-470WX	10.00 Down	Net 225.00
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ADVANCED ACOUSTICS



NEW! 440 BI-PHONIC COUPLER

- Constructed Like A Fine Musical Instrument
- No Cone, No Baffle, No Grill Cloth
- Only 4 1/2 Inches Deep
- Full Frequency Range

134.40 5.00 Down

A remarkable new development in loudspeaker design—the Bi-Phonic Coupler does not employ a cone or grille cloth nor does it require a baffle. Conventional high fidelity loudspeakers use freely suspended cones utilizing large motion or long throw, in order to move relatively large amounts of air. The Bi-Phonic Coupler however has been engineered and constructed in the same manner as a true musical instrument—as in a fine bass violin the 15x22" wall structure is the reproducing element: This rigid radiating panel is driven by a 7 1/2" diameter high efficiency, high gauss 20 lb. ring magnet assembly, with full electro magnetic coupling of the voice coil structure to the magnetic circuit gap. The vibrations of the front panel are radiated in a forward direction and through controlled resistance into the rear direction, so that sound is reproduced from both sides of the system. High frequencies are reproduced by a wide dispersion cone tweeter system. The 440's doubly free-radiating characteristics enable it to reproduce the very deepest bass notes with concert clarity and a naturalness matched only by the original performance. Frequency response is from 30 cps to well beyond audibility. Only 18 Wx 24 Hx 4 1/2" D. The 440 lends itself to an infinite variety of installations. . . It may be hung on a wall, mounted on the ceiling, installed into a wall, door or bookshelf area. Precise adjustment of room acoustics is provided by an exclusive Acoustic Placement Control. Requires only 15 watts amplifier source but will handle up to 50 watts. Impedance is 8 ohms. Shpg. wt., 37 lbs.

GB-260WX Cherry Mahogany	5.00 Down	Net 134.40
GB-261WX Light Walnut		
GB-262WX Oiled Walnut	5.00 Down	Net 134.40
Optimal Ebony Base. Shpg. wt., 3 lbs.		
GB-263W		Net 7.50

SELECTED HI-FI SPEAKERS & SPEAKER SYSTEMS



Bozak



B-302A E-300 CONTEMPORARY



B-209



S108 M108



B-207A



B-200X TWEETERS



B-199A

B-207A 12" COAXIAL — 1 bass 2 treble speakers on a cast-aluminum frame. Response 40-16,000 cps, built-in crossover at 2500 cps; impedance 8 ohms; power capacity 15 watts continuous, peaks to 30 watts. OD 15" depth 7". Recommended enclosure Infinite baffle 5 cu. ft. minimum, 9 cu. ft. optimum. Shpg. wt., 13 lbs.
GS-420 5.00 Down Net 89.50

B-199A 12" WOOFER — High efficiency woofer designed for top-quality 2- and 3-way speaker systems. 1 1/2 lb. Alnico V magnet assures low distortion and linear response over the entire frequency range of 30 to 4500 cycles, at a power level of 15 watts of program material. Cone resonance frequency 40 cycles, impedance 8 ohms. Shpg. wt., 8 lbs.
GS-421 5.00 Down Net 52.50

B-209 6" MID-RANGE — For use in 3-way systems or used with the Bozak B-207A and N-10102. Response 200 to 3500 cps. Recommended crossovers 400 or 800 cps and 2500 cps. Impedance 8 ohms, for use in 50-watt systems. Voice coil 1 1/2" diam. ribbon, 1 1/2 lb. Alnico 5 magnet. 6 1/2" OD 3 1/2" deep (5 1/2" diameter cutout). Shpg. wt., 8 lbs.
GS-422 5.00 Down Net 51.00

N-10102 CROSSOVER NETWORK (Not illustrated) 6 db per octave frequency divider. Crossovers 400, 800 and 2500 cps at 8 ohms; 800 and 2500 cps at 16 ohms. For use with B-207A and B-209 in 3-way system 8Wx 2Dx5 1/2"H. Shpg. wt., 6 1/2 lbs.
GS-423 2.00 Down Net 27.50

B-200X TWEETERS — Direct-radiating paper-and-dural cones of this dual unit reproduces from 2000 to 16,000 cps. Dispersion: 120°. Power rating: 20 watts. Size: 6 1/2 Wx3 1/4 Hx2 1/2 D. Shpg. wt., 5 lbs.
GS-424 2.00 Down Net 32.00

B-800 8" FULL-RANGE AUXILIARY SPEAKER
 NEW, versatile reproducer. Frequency response: 50-15,000 cycles. Impedance: 8 ohms. Size: 8 1/2" dia., 3 3/4" Deep. Shpg. wt., 8 lbs.
GS-425 2.00 Down Net 45.00

M-108 8" WEATHERPROOF SPEAKER for outdoor installations. Frequency response: 65-15,000 cycles. Impedance 8 ohms. Mounting centers: 7 3/4" dia., 3 3/4" deep. Shpg. wt., 8 lbs.
GS-426 2.00 Down Net 47.50

SPEAKER SYSTEMS AND ENCLOSURES

E-300 Enclosure for 3-way systems—available in either a contemporary or Urban (not illustrated) enclosure. These contemporary or Urban cabinets are specially designed with cutout for 5 cu. ft. cabinets are specially designed with cutout for B-207A Coaxial and removable panel for B-209 mid-range speaker. Sturdily built of 3/4" plywood, with lined interior. Size: 24Wx30 1/2 Hx17 D. Specify Walnut, Mahogany or Birch finish. Shpg. wt., 58 lbs.
GB-350WX E-300 Contemporary (Specify finish) 5.00 Down Net 79.50

GB-358WX E-300 Urban (Specify finish) 5.00 Down Net 85.00

E-300 KIT (Contemporary only). Complete with all parts and instructions for building E-300 enclosure. Unfinished, solid birch outside trim. Dark grille cloth. Shpg. wt., 58 lbs.
GB-351WX 2.00 Down Net 42.50

B-302A 3-WAY SYSTEM — Housed in E-300 cabinet in either Contemporary or Urban styling. Speaker system consists of the B-207A 12" coaxial speaker for the bass and treble speaker and the B-209 6" for the middle registers. The N-10102 network 3-way crossover is included. System response is exceptionally linear from 40 to 16,000 cps. Power rating 15 watts, impedance 8 ohms. Size: 24Wx17Dx30 1/2 H. Shpg. wt., 80 lbs. Specify Mahogany, Walnut or Blonde finish.
GB-352WX B-302A Contemporary (specify finish) 10.00 Down Net 249.50

GB-357WX B-302A Urban (specify finish) 10.00 Down Net 254.50

OTHER BOZAK SYSTEMS

Pinet Bookshelf Speaker Systems (Oil Walnut, Mahogany)
GB-355WX B502 3-way system (specify finish) 10.00 Down Net 227.50

GB-356WX B502 3-way system unfinished 10.00 Down Net 217.50

GB-353WX B500 2-way system (specify finish) 5.00 Down Net 147.50

GB-354WX B500 2-way system unfinished 5.00 Down Net 137.50

Wharfedale

LOUDSPEAKERS and SPEAKER SYSTEMS

LOUDSPEAKERS

SUPER 12/FS/AL 12" WIDE RANGE — Finest single speaker in the Wharfedale line. Special cone for smoother response in upper-middle range. Extremely high sensitivity, excellent damping. One of the most powerful magnets in use today—17,000 lines flux density. Voice coil 12-15 ohms; resonance 30-38 cps; power 12 watts; depth 7". Response 30-18,000 cps. Shpg. wt., 19 lbs.
GS-445 5.00 Down Net 87.71

SUPER 8/FS/AL 8" WIDE RANGE — Response 50-20,000 cps. Recommended as single speaker in moderately priced systems or in 2-way or 3-way systems with 1000 cps crossover. Impedance 8-10 ohms; Resonance 55-65 cps; flux density 13,000 lines; 4 watts power handling. Shpg. wt., 4 lbs.
GS-446 5.00 Down Net 25.97

NEW! W-60 SPEAKER SYSTEM

A handsome 2-way speaker system with exclusive Wharfedale sand-filled panels permitting full, rich bass, without spurious resonance. W-60 uses a 12" speaker with 2" dia. voice coil, and 9.5 lb. magnetic assembly. Highs radiate from a 5" speaker with 1.25 lb. magnetic assembly acoustically isolated from 12" driver. Impedance 8 ohms. Power rating: 30 watts continuous, 60 watts peak. Requires 5 or more watts drive. L.C. type cross-over at 1500 cps. Treble control provides 0-100% attenuation of highs. Size 14 1/4 Hx13Dx24 W. Shpg. wt., 45 lbs. In true wood veneers.

GB-381WX W-60 Oiled Walnut	5.00 Down	Net 107.31
GB-382WX W-60 Polished Walnut	5.00 Down	Net 107.31
GB-383WX W-60 Mahogany	5.00 Down	Net 107.31
GB-384WX W-60 Lined Oak	5.00 Down	Net 107.31
GB-385WX W-60 Unfinished	5.00 Down	Net 92.61

SUPER 3 TWEETER—For extending high frequency response. Range 3,000 to 20,000 cps; extremely smooth response, high sensitivity and efficiency. Voice coil impedance 8-15 ohms; flux density 13,000 lines; depth 2 3/8". Shpg. wt., 4 lbs.
GS-447 5.00 Down Net 25.97

NEW! W-50 SPEAKER SYSTEM

W-50 is a modestly priced version of the famous W-60 loudspeaker system using two special matched speakers, housed in a performance proven sand-filled enclosure. Low frequency driver is resonant in the 25 to 30 cycle region, uses high compliance suspension. High frequency driver has level control for adjusting to room acoustics. Cabinets finished on all four sides can be used in horizontal or vertical position. System ideally suited for use in pairs for stereo. Impedance 8 ohms. Size: 14 1/4 Hx13Dx24 W. Shpg. wt., 45 lbs. In true wood veneers.
GB-386WX W-50 Mahogany 5.00 Down Net 92.61
GB-387WX W-50 Walnut 5.00 Down Net 92.61
GB-388WX W-50 Blonde 5.00 Down Net 92.61
GB-389WX W-50 Unfinished 5.00 Down Net 77.91

NEW! W-70 SPEAKER SYSTEM

W-70 here is a deluxe, quality 3-way loudspeaker system housed in an enclosure using the exclusive Wharfedale sand-filled principle. This integrated unit is built around a 12" high compliance driver. High performance woofer has double ribbed humidity resistant spider capable of producing large linear excursions. Magnetic assembly is sulphur filled and brass bushed for rigidity. Complementing 12" driver are two additional high frequency speakers especially designed for use in the sand-filled enclosure. Result is clean uncolored sound free from spurious resonance. Impedance 8 ohms. Size: 24Hx12Dx21 W. Shpg. wt., 65 lbs. In true wood veneers.
GB-390WX W-70 Mahogany 5.00 Down Net 146.51
GB-391WX W-70 Walnut 5.00 Down Net 146.51
GB-392WX W-70 Lined Oak 5.00 Down Net 146.51
GB-393WX W-70 Unfinished 5.00 Down Net 136.71



W-70



SUPER 12/FS/AL



SUPER 8/FS/AL



W-60



W-50



SUPER 3

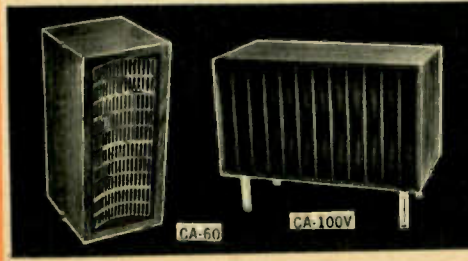
CA-100 SPEAKER SYSTEM

The CA-100 is a loudspeaker system unconventional in both acoustic design and appearance. Fine bass is a result of Paraflex design. Two 10" woofers are mounted symmetrically about a ducted slot to produce viscose damping of resonance peaks. A pair of tweeters provide quality highs. Frequency response is 30-20,000 cycles. Power capacity 40 watts. Cabinet front has satin aluminum grille forming long rectangular channels covered with attractive acoustic cloth. Enclosure has an oil walnut finish. Size 12x15x25". Shpg. wt., 39 lbs.
GB-500WX CA-100H (grille horizontal) 5.00 Down Net 139.95
GB-502WX CA-100V (grille vertical) 5.00 Down Net 139.95

AUDAX SPEAKER SYSTEMS

CA-60 SPEAKER SYSTEM

The CA-60 is a small compact system, but high in sound reproducing ability. A 6" low frequency speaker operates with Paraflex suspension together with a cone-type tweeter to provide an overall response of 70-17,000 cycles. Less than 5 watts are necessary to fill the average listening room with sound. Handles up to 20 watts of power. Curved grille work contrasts with oiled walnut cabinet. Size: 9 1/2 x 10 x 18". Shpg. wt., 15 lbs.
GB-501 CA-60 5.00 Down Net 59.95
GB-503WX CA-LC Chrome satin legs, easily attached to CA-60 CA-100V or CA-100H 5.00 Down Net 7.95



CA-60

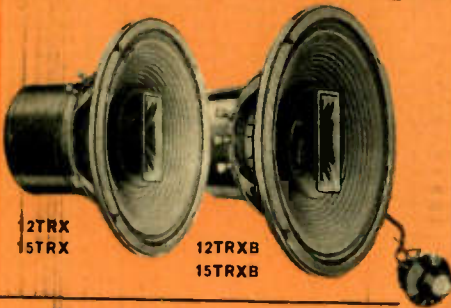
CA-100V

USE LAFAYETTE'S CONVENIENT EASY PAYMENT PLAN—SEE PAGE 318

Electro-Voice HIGH FIDELITY SPEAKERS

TRX- INTEGRATED 3 WAY SPEAKERS

The 3 concentrically mounted sections feature the advantages of super SONAX VHF reproduction, a radax propagator, and a large bass cone with heavy ceramic magnet in one compact assembly.



MODEL 15TRX—15½" diameter overall. Resonance 35-45 cps. 30 watts. Magnet weight, 5¼ lbs. Response 30-15,000 cps. Depth behind panel 9¼". Mechanical crossover 2000 cps, electrical crossover, 3500 cps. Impedance, 16 ohms. Sens. rtg. 51 db. Shpg. wt., 48 lbs. With X36 and AT37.

GS-16WX 5.00 Down Net 146.02

MODEL 12TRXB—Integrated 3-way assembly completely wired with HF Control. Overall diam. 15¼". Resonance 38-48 cps. 20 watts. Magnet weight 1 lb. 2 oz. Response 30-15,000 cps. Mechanical crossover 2000 cps, electrical crossover 3500 cps. Depth behind panel 7¾". Impedance 16 ohms. Sens. rtg. 47 db. Shpg. wt., 17 lbs. X36 not required.

GS-14WX 5.00 Down Net 77.42

MODEL 12TRX—Overall diameter 12¼". Resonance, 40 cps. 25 watts. Magnet weight, 3½ lbs. Response, 30-15,000 cps in recommended ARISTOCRAT enclosure. Mechanical crossover, 2500 cps; electrical crossover, 3500 cps. Depth behind panel, 8". Impedance, 16 ohms. Sens. rtg. 49 db. Shpg. wt., 32 lbs. With X36 and AT37.

GS-17WX 5.00 Down Net 122.50

MODEL 12TRXB—3-Way assembly completely wired with HF control. Overall diam. 12¼". Resonance 45 cps. 20 watts. Magnet wt., 1 lb., 2 oz. Response, 35-15,000 cps in ARISTOCRAT Mech. crossover, 2000 cps; built-in electrical crossover 3500 cps. Depth behind panel 6¼". Imp., 16 ohms. Sens. Rtg. 46 db. Shpg. wt., 14 lbs. X36 is not required.

GS-15 5.00 Down Net 64.68

RADAX- COAXIAL SPEAKERS

The Radax coaxial speaker is the basic unit in high efficiency Electro-Voice multiway systems. Used alone, it will give excellent full-range performance, but it may also be used in separate two, three, or four-way systems.



SP8B
SP12B
SP12
SP15
SP15B

MODEL SP8B RADAX SUPER-EIGHT—8" speaker. Resonance, 55-65 cps. 20 watts. Response 35-13,000 cps. 16 ohms impedance. Sens. rtg. 45 db. Cross-over, 600 cps. 1 lb. Alnico V magnet 8¾" diam., 7" baffle opening, 4¾" depth behind panel. Shpg. wt., 9 lbs. GS-18 2.00 Down Net 28.91

MODEL SP12B RADAX TWELVE—12" speaker. Resonance, 40-50 cps. 20 watts. Response, 30-13,000 cps. 16 ohms impedance. Sens. rtg. 46 db. Crossover, 4500 cps. 1 lb. Alnico V magnet. 12¼" diameter. 11" baffle opening 6" depth behind panel. Shpg. wt., 12 lbs. GS-19 2.00 Down Net 34.30

MODEL SP12 RADAX SUPER-TWELVE—12" speaker. Resonance, 35-45 cps. 25 watts. Response, 30-13,000 cps. 16 ohms impedance. Sens. rtg. 48 db. Cross-over 4000 cps. 3 lbs. Alnico V magnet. 12¼" diameter, 11" baffle opening 7½" depth behind panel.

Shpg. wt., 25 lbs. GS-20WX 5.00 Down Net 64.68

MODEL SP15B RADAX FIFTEEN—15" speaker. Resonance 38 cps. 15-20 watts. Response 30-13,000 cps. 16 ohms impedance. Sens. rtg. 47 db. Crossover 3500 cps. 1 lb. Alnico V magnet. 15¼" diam., 13½" baffle opening. 7¾" depth behind mtg. panel. Shpg. wt., 15 lbs. GS-22WX 2.00 Down Net 42.14

MODEL SP15 RADAX SUPER-FIFTEEN—15" speaker. Resonance 40 cps. 30 watts. Response 30-13,000 cps. 16 ohms impedance. Sens. rtg. 50 db. Crossover 3000 cps. 5¼ lb. Alnico V magnet. 15¼" diameter. 13¼" baffle opening 9" depth behind panel. Shpg. wt., 41 lbs. GS-21WX 5.00 Down Net 87.22

FAMOUS ELECTRO VOICE WOOFERS, TWEETERS, and CROSSOVER NETWORKS.

TWEETERS

NEW T-250 TREBLE DRIVER

Has high sensitivity and power rating, and level response, ± 2.5 db, 600-3800 cps, ± 1 db, 1500-3500 cps. 3 lb. Alnico magnet. Power rating 50 watts program. EIA sensitivity 58 db. Size: 5¼x6¼x4x5¼"D. Shpg. wt., 14½ lbs.

GS-52 5.00 Down Net 79.38

MODEL T350—Adds very high frequencies with extra sensitivity. For use in multiway systems having extended bass range. Response to 21 kc. Sens. Rtg. 60 db. 2 lb. magnet, 16 ohms. Recommended crossover 3500 cps. Horn 7-1/2" long, 2¾" wide. Pot 3½" diameter. Overall depth 4¾". Shpg. wt., 9½ lbs. GS-11 5.00 Down Net 58.80

MODEL T35—Reproduces VHF range, for use with deluxe multiway systems. Response to 19 kc. Sens. Rtg. 57 db. 8 oz magnet, 16 ohms. Recommended crossover 3500 cps. Horn 5¼" long, 2" wide. Pot 2¼" diameter. Overall depth 3¼". Shpg. wt., 3 lbs. GS-12 2.00 Down Net 34.30

MODEL T35B—For VHF reproduction in multiway systems. Response to 18 kc. Sens. Rtg. 54 db. 16 ohms. Recommended crossover 3500 cps. Horn 5½" long, 2" wide. Pot 2¼" diameter. Overall depth 3". Shpg. wt. 3 lbs. GS-13 2.00 Down Net 21.56

MODEL T25A-HF driver, 20-30 watts. Response 400-13,000 cps. Imp, 16 ohms. Sens. rtg., 53 db. 1 lb. Alnico V magnet. 3¾" diam., 4¾" deep. Throat diam. 7". Shpg. wt., 6 lbs. GS-28 5.00 Down Net 58.84

Model 8HD Diffraction Horn. New principle provides perfect dispersion of high frequencies through a 120° solid angle. Actual cutoff 600 cps. Crossover 800 cps, eliminating cutoff disturbances. Made of fiberglass. For T10A and T25A drivers. 3¾h., 14¼w., 7½"d. Mounting hardware included. Shpg. wt., 4 lbs. GS-35 2.00 Down Net 17.64

Model AT37 Level Control. 16 ohm "L" pad. For use with T35, T35B, T10A, T25A, 848HF drivers and similar applications. Adjusts output level to individual taste. Mahogany dial. Shpg. wt., 6 oz. GS-33 2.00 Down Net 3.81

Model AT37B—Similar to above but blonde. Shpg. wt., 6 oz. GS-34 2.00 Down Net 3.81

WOOFERS

MODEL 15W—15" LF driver. Resonance, 25-35 cps. 5¼ lb. Alnico V magnet. 30 watts. 16 ohms impedance. Sens. rtg., 50 db. 15¼" diam. 13½" max. opening. 9" behind panel. Shpg. wt., 41 lbs. GS-26WX 5.00 Down Net 87.22

MODEL 30W 30" LF Driver, 8 cps. 4½ lb. ceramic magnet. 16 ohms. Imp. Sens. rating 55 db. 29¾" dia. 28¼" max. opening, 13½" behind panel. Shpg. wt., 42 lbs. GS-39WX 5.00 Down Net 181.30

CROSSOVER NETWORK

All EV crossovers use high-Q air core coils and paper condensers. Low insertion loss: attenuation 12 db per octave in ¼ section, 6 db per octave in ½ section crossovers.

MODEL X8 Crossover. ½ section. Crossover point, 800 cps. Impedance 16 ohms in and out. Size 4¼" h., 4¼" w., 3¾" d. Shpg. wt., 4 lbs. (not illustrated) GS-30 2.00 Down Net 31.36

MODEL X825 Crossover as used in EV 108 system. ¼ section. Crossover point, 800 cps. Impedance 16 ohms in and out. Size 3¼" h., 4¾" w., 3¾" d. Shpg. wt., 3 lbs. (not illustrated) GS-29 2.00 Down Net 18.82

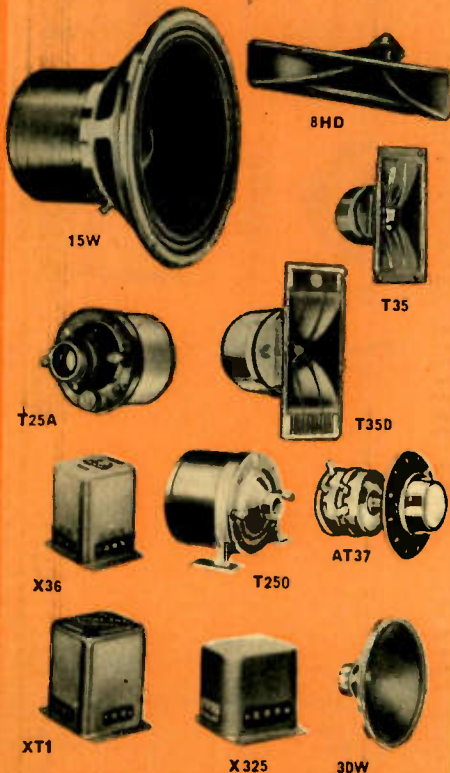
Model X36 Crossover. Recommended for use with T35 and T35B. ½ section. Crossover point, 3500 cps. Impedance 16 ohms in and out. Size 3¼" h., 4¾" w., 3¾" d. Shpg. wt., 2 lbs. GS-31 2.00 Down Net 9.31

NEW X 325 CROSSOVER

Quarter-section. Crossover, point, 300 cycles. Impedances 16 ohms in and out. Size 5¼x5¼x4¾"D. Shpg. wt., 7 lbs. GS-53 2.00 Down Net 31.63

MODEL XT1 STEREO MIXER

Permits use of either 4-8 or 16 ohm system with feed-back loops in the voice coil secondary. The XT1 isolates the feedback potential and prevents what otherwise would be a short circuit of both amplifiers. Shpg. wt., 3 lbs. GS-40 2.00 Down Net 13.23



ENCLOSURES and COMPONENTS *Electro-Voice*

THE ARISTOCRAT SPEAKER ENCLOSURE

The Aristocrat is an enclosure of distinction for any full-range 12" speaker. This extremely popular enclosure will improve the performance of many types of 12" coaxial and triaxial speakers and 2- and 3-way systems. Use it in conjunction with Wolverine 12" full range speakers and Wolverine Step-Up Kits with no cabinet modifications. This enclosure utilizes the principles of improved baffling. Any system of speaker units can be expected to improve in all-around performance when installed in the Aristocrat. The lows will be enhanced — response will lower up to one full octave. Efficiency and power handling capacity will both increase. Space-saving corner-horn design uses the walls of the room as an extension of the horn, for augmenting bass. Unusually smooth reproduction down to 35 cycles, without unrealistic booming. Baffling permits speakers to operate freely with low distortion at high levels. Attractive highboy has been designed for use in corner of the room location. Styling blends with any decor — classical or modern. Supported by 2 sturdy, wooden runners. Handsome brushed brass grille. Solidly constructed of heavy wood, glued, screwed and nailed to remain rigid and free from vibration when speakers are driven at high levels. Includes handsome brushed brass grille. Selected hardwood veneers. Dimensions: 29½"Hx19"Wx16¼"D. Shpg. wt., 44 lbs.

GB-15WX Mahogany	5.00 Down	Net 70.56
GB-16WX Oak	5.00 Down	Net 77.42
GB-17WX Walnut	5.00 Down	Net 77.42

KD-6 ARISTOCRAT SPEAKER ENCLOSURE KIT

Includes all the materials required to construct the famous Aristocrat enclosure. Space-saver corner horn will improve the power handling capacity, in the bass range, of speakers by as much as 50% over bass reflex enclosures of the same size. For 12" wide range, 2- and 3-way speaker systems. Clear-grained korina exterior wood surfaces have been prepared for finishing. Includes grille cloth, all necessary hardware and instructions. Size 29½"Hx19"Wx15¾"D. Shpg. wt., 36 lbs.

GB-49WX	2.00 Down	Net 38.22
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KD-9 MARQUIS SPEAKER ENCLOSURE KIT

A do-it-yourself kit for building the Marquis (same as the Aristocrat except for along-the-wall corner horn loaded enclosure). The baffling employed increases reflected acoustical induction by increasing the mass of rear air load to lower the resonant frequency. Uses vertical porting slots. Holds frequency response level down to 40 cycles. Kit includes all parts necessary, with step-by-step instructions. Wood is unfinished clear-grained korina veneer. Size 29½"Hx19"Wx14½"D. Shpg. wt., 38 lbs.

GB-51WX	2.00 Down	Net 35.28
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AK-6 ARISTOCRAT DECORATIVE TRIM KIT

Addition of this grille and trim set will provide for your Aristocrat Enclosure a smart finished appearance, enhancing the other furnishings of the room. Lacquered antique brushed brass crossbar grille. Shpg. wt., 3 lbs.

GS-41W		Net 4.70
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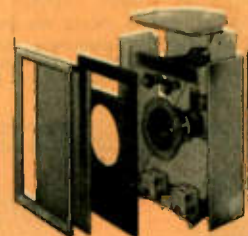
IB6 ARISTOCRAT INSTRUCTION BOOK

A complete instruction book for the do-it-yourself enthusiast. Tells how to build the Aristocrat Enclosure with clear step-by-step instructions. Includes tips on selecting lumber, laying out and cutting parts and recommended speakers to use.

BK-1037		Net .98
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ARISTOCRAT SPEAKER ENCLOSURE



STEP-UP KITS

"WOLVERINE" FULL RANGE HiFi SPEAKERS

LS-8 FULL RANGE 8-INCH LOUDSPEAKER

Famous, economical 8" speaker for use where space is at a premium. Radax construction with one piece molded cones for efficient bass and high frequency performance. EIA sensitivity rating is 43 db. Free air resonance 55-70 cps. Power rating 20 watts program material. Efficiency: 15 watts drive produces 100 db volume level. Recommended amplifier damping factor: 15. Mechanical cross-over at 6,000 cycles. Flux density 8,500 gauss and 64,500 lines total, 8¾" diam. 3½" deep, 7¼" baffle opening; mounts with 4-¼" holes equally spaced on 7¾" circle. Frequency response 55-13,000 cycles. Impedance 8 ohms. Shpg. wt., 5 lbs.

GS-36		Net 17.64
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LS-12 FULL-RANGE 12-INCH LOUDSPEAKER

Outstanding popular priced 12-inch coaxial loudspeaker of exceptionally high quality. Radax cone provides smooth treble response, low distortion. Speaker has heavy-duty diecast frame built shallow for easy mounting in small space. Voice-coil of fiberglass with flattened ribbon conductor for increased efficiency. Frequency response 40 to 13,000 cycles. Power capacity is 20 watts program, 40 watts peak. Impedance 8 ohms. Mechanical crossover at 4500 cps. Total gap energy 2,470,000 ergs. Flux density 10,500 gauss; 64,500 lines. 12¼" diam.; 3½" deep, 11" baffle opening; mounts with 4-¼" holes spaced on 11½" circle. Shpg. wt., 6 lbs.

GS-37		Net 19.11
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LS-15 FULL RANGE 15-INCH LOUDSPEAKER

Low cost 15-inch coaxial loudspeaker. Radax construction. Long-throw edgewise-wound voice-coil is 18% more efficient than types using round wire coils. Power rating 20 watts program, 40 watts peak. Only 8 watts will produce concert volume (100 db level). Mechanical cross-over at 4500 cycles. EIA sensitivity rating 46 db. 15¼" dia. 6½" depth, 13¾" baffle opening; mounts with 4¾" holes spaced on 14¾" circle. Frequency response 35-13,000 cps. Impedance 8 ohms. Shpg. wt., 12 lbs.

GS-38	2.00 Down	Net 24.01
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WOLVERINE STEP-UP KITS

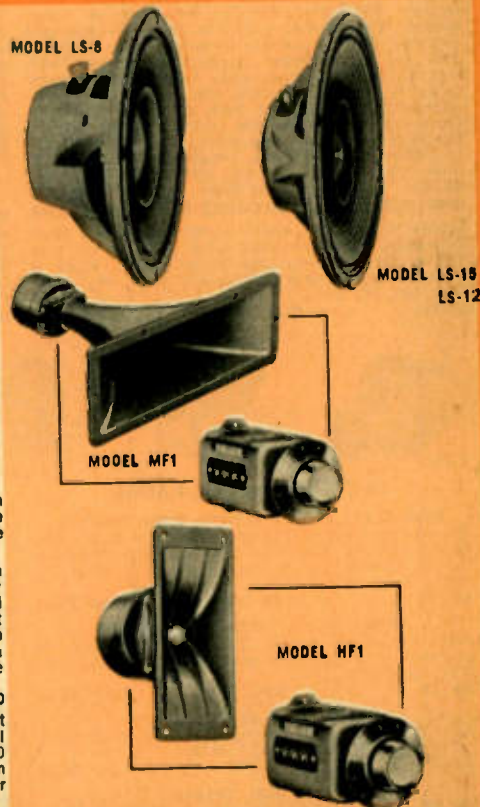
These step-up kits permit the expansion of full-range Wolverine speaker systems to 2- and 3-way systems, in economical steps, without making the existing speaker obsolete. The Wolverine full-range speaker, when used with the HF-1 High Frequency Step-Up Kit becomes a bass and midrange speaker. When the MF-1 Midrange Step-Up Kit is added the Wolverine speaker operates as a woofer. Adjustable level controls supplied with the HF-1 and MF-1 allow compensation for room acoustics to obtain a level response.

HF-1 HIGH FREQUENCY STEP-UP KIT — Converts Wolverine 8", 12" and 15" full range speakers to an improved 2-way system, extending high frequency response to beyond audibility. KIT includes high frequency horn-type driver and 3500 cycle cross-over with built-in level control. Hoodwin diffraction horn spreads sound evenly through a full 180 degree arc for brilliant sound in any part of the listening room. Special throat design does not allow high frequency cancellation and improves frequency response. Unique linen diaphragm has better internal damping than conventional metal diaphragms. Tweeter size: 5¼"Lx2Wx2¾"D. Baffle opening: 1¾x4¼". Level control diam., 2¼". Requires only 5 minutes to install. Shpg. wt., 3 lbs. With all hardware and instructions.

GS-49		Net 19.60
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MF-1 MID-FREQUENCY STEP-UP KIT. For addition to Wolverine 12" and 15" speaker systems after HF-1 kit has been added, converting the 2-way system to a 3-way system. Increases "presence" without unnatural peaks. Includes special diffraction horn driver with 180 degree dispersion for even sound spread, and a 1000 cycle 6 db per octave cross-over network with built-in level control. Diaphragm of phenolic impregnated linen for excellent internal damping. Light weight, self-supporting voice coil has leads of conductive paint. Speaker size: 4Wx10½Lx9¾"D. Baffle opening 9½x3". Level control diam. 2¾". Shpg. wt., 5 lbs.

GS-50	2.00 Down	Net 24.50
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MODEL LS-8

MODEL LS-12
LS-15

MODEL MF1

MODEL HF1

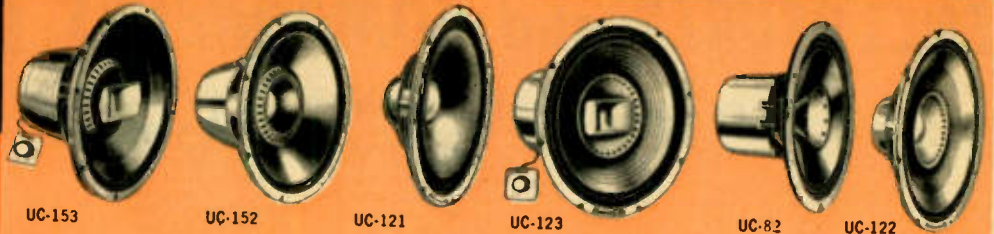
SEE INSIDE BACK COVER FOR LISTINGS OF FAMOUS ELECTRO-VOICE SYSTEMS

ELECTRO-VOICE SPEAKERS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN—SEE PAGE 318

Page 55



SERIES 100
SUPERB WIDE RANGE
SPEAKERS



MODEL UC-153 15" 3-WAY DIFFAXIAL
Features high efficiency tweeter and deluxe, multi-element Diffusicone midrange. 2 lb. all-Alnico 5 magnet. Response from below 30 cps to inaudibility. 30 watts rating. 8-16 ohms. Shpg. wt., 12 lbs.
GS-100WX 5.00 Down Net 81.34

UC-152 15" 2-WAY DIFFAXIAL
Patented Diffusicone element provides dual horn loading at apex of cone to extend mid and high frequency response. Excellent wide-angle dispersion of highs. 1½ lb. all-Alnico 5 magnet. Response from below 30 to 14,000 cps. 30 watt rating. 8-16 ohms. Shpg. wt., 8¼ lbs.
GS-101WX 2.00 Down Net 44.10

MODEL UC-123 12" 3-WAY DIFFAXIAL
Exclusive sectional Diffusicone element. UXT-5 super-tweeter with "reciprocating flare" horn. Super sensitive all-Alnico 5 magnet. Crosses over at 1000 cps mechanically, 5000 cps electrically. Response: below 45 cps to 17,500 cps. 25 watts rating. 8-16 ohms. Shpg. wt., 9 lbs.
GS-102 5.00 Down Net 65.17

MODEL UC-121 12" EXTENDED RANGE
Only 4" deep, perfect for wall and other limited space installations. Highly efficient. 1 lb. All-Alnico 5 magnet. Response: 45-10,000 cps. 30 watts rating. 8-16 ohms. Shpg. wt., 5¼ lbs.
GS-104 2.00 Down Net 27.44

MODEL UC-122 12" 2-WAY DIFFAXIAL
Coaxial horn loading at apex of cone extends mid and high frequency response. Exclusive uni-sectional Diffusicone element provides 1000 cps mechanical cross-over and uniform wide-angle dispersion. Super-sensitive all-Alnico 5 magnet. Response: 45-13,000 cps. 25 watts rating. 8-16 ohms. Shpg. wt., 5¼ lbs.
GS-103 2.00 Down Net 34.79

MODEL UC-82 8" WIDE RANGE NEW!
Especially designed for small cabinet stereo applications. Ideal for later addition of one University dual voice coil woofer to extend combined bass range of both channels. Also effective as second channel or stereo add-on speaker. All-Alnico 5 magnet. Response: 45-14,000 cps. 24 watts rating. 8-16 ohms. Shpg. wt., 3½ lbs.
GS-105 Net 16.61

NEW - ADVANCED UNIVERSITY SERIES 200 HI-FI SPEAKERS



MODEL 312 12" 3-WAY DIFFAXIAL SPEAKER
Features an unusually rigid die-cast basket, heavy magnet, Diffusicone midrange and Spheron super-tweeter. Woofer response down to 28 cps. Multielement midrange operates over the frequency range of 1000-3000 cps. Super-tweeter disperses highs over 120°, both horizontally and vertically. Tweeter has reflector baffle to prevent interaction and possible intermodulation distortion between high and low frequencies. Cross-over network built-in, with brilliance control. Overall frequency response extends from 28 to 40,000 cps. Power rating 35 watts. Impedance 8-16 ohms. 13" diam., 6½" deep. Shpg. wt., 10¼ lbs.
GS-107 5.00 Down Net 71.54

DIFFUSICONE-8 8" EXTENDED RANGE DIFFAXIAL
Speaker designed for quality performance in very small enclosures. Dual horn-loaded radial projector has wide spread. Frequency response 30-15,000 cps. Rated at 35 watts. Impedance 8-16 ohms. 9¼" diam., 4¼" deep. Shpg. wt., 4¼ lbs.
GS-111 2.00 Down Net 27.44

MODEL 315C SUPER 15" 3-WAY DIFFAXIAL
Woofer has double spired, anti-breakup diaphragm. Patented Diffusicone midrange operates between 1000 and 5000 cps. T-50 Hypersonic driver is centered in a "reciprocating flare," wide angle super-tweeter horn. Midrange and treble have separate balance controls. Frequency response ranges from 25 cps to inaudibility. Power capacity 50 watts. Impedance 8-16 ohms. Built-in LC cross-over. 15½" diam. 12" deep. Shpg. wt., 34½ lbs.
GS-106WX 5.00 Down Net 152.88

MODEL 6201 12" DUAL RANGE COAXIAL
Tweeter projects through the center of woofer. Separate drivers are employed for woofer and compression type tweeter. Electrical cross-over at 2500 cps with brilliance control. Frequency response from 28-18,500 cps. Power rating 35 watts. Impedance 8-16 ohms. 13", 6½" deep. Shpg. wt., 10 lbs.
GS-108 5.00 Down Net 56.60

DIFFUSICONE-12 12" FULL RANGE DIFFAXIAL
Speaker uses the patented multielement Diffusicone midrange and a quality woofer cone on a very rigid frame, concentrically. Dual horn-loading at cone apex improves treble performance. Mechanical cross-over at 1000 cps. Frequency response 28-15,000 cps. Power rating 35 watts. Impedance 8-16 ohms. 13" diam., 6½" deep. Shpg. wt., 9 lbs.
GS-109 2.00 Down Net 38.95

MODEL 308 8" 3-WAY DIFFAXIAL SPEAKER
Employs an extra large voice coil for 8" woofer, a patented Multielement Diffusicone midrange, and a compression type tweeter with "reciprocating flare" wide angle horn. Built-in electrical cross-over at 5000 cps. Frequency response 30-17,000 cps. Power rating 35 watts. Impedance 8-16 ohms. 9¼" diam., 6½" deep. Shpg. wt., 5 lbs.
GS-110 2.00 Down Net 41.16



TWEETER AND MID-RANGE
NEW! MODEL T-202 SPHERICON SUPER TWEETER
Operates from 3000-40,000 cps, ± 2 db to 22,000 cps. Domed phenolic diaphragm with spherical diffractor. Built-in network and brilliance control. 8 ohms. 30 watts. Shpg. wt., 3 lbs.
GS-135 2.00 Down Net 24.45

MODEL HF-206 HYPERSONIC TWEETER
High frequencies beyond audibility. For 5000 cps crossover or above. 25-50 watts. 8 ohms. 6x3¼x6¼". Shpg. wt., 3½ lbs.
GS-119 2.00 Down Net 32.34

MODEL UXT-5 SUPER TWEETER
For 5000 cps crossover or above. 8 ohms. 25-50 watts rating. ¾x2½x4". Shpg. wt., 1¼ lbs.
GS-120 2.00 Down Net 20.58

MODEL 4401 TWEETER
For 2500 cps crossover. Response to 15,000. 8 ohms. 25 watts rating. 6x2¼x6¼". Shpg. wt., 2 lbs.
GS-121 Net 17.64

MODEL H-600 HORN
600 cps cut-off horn. Use with T-30 or T-50 driver and N-2A network. 7¼x8¾x4¾". Shpg. wt., 2½ lbs.
GS-122 Net 18.62

COBREFLEX HORN
Perfect as top end of 2-way, or 3-way system. Permits crossover as low as 350 cps. 10¼x18½x9¼". Shpg. wt., 10¼ lbs.
GS-123 2.00 Down Net 23.67

WOOFERS
C-15W 15" DUAL VOICE COIL WOOFER
Response from below 25 to 1500 cps. 50 watts rating. 4-20 ohms. 10½" deep. Shpg. wt., 26¾ lbs.
GS-112WX 5.00 Down Net 83.30

NEW! MODEL C-12HC HIGH COMPLIANCE DUAL VOICE COIL WOOFER
For Use in compact enclosures. Overhanging voice coil. Requires 15 watts drive. Cone resonance below 20 cps. Frequency response 20-3000 cps. Impedance 4-8, 10-20 ohms. 13" diam. 6½" deep. Shpg. wt., 9 lbs.
GS-117 2.00 Down Net 48.51

MODEL C-8W 8" WOOFER
Response down to 50 cps with proper baffling. All-Alnico 5 Gold Dot magnet. 25 watts rating. 8 ohms. 4¼" deep. Shpg. wt., 3 lbs.
GS-114 Net 14.70

OTHER UNIVERSITY SPEAKERS & NETWORKS

Stock No.	Univ. No.	Description	Shpg. Wt. Lbs.	Net
GS-113	C12SW	12" Woofer	7½	38.71
GS-116WX	C15HC	15" Woofer	24¾	87.71
GS-118	C8HC	8" Woofer	7¼	39.16
GS-124	T-30	Driver—200 to 15,000 cps (Use with H600)	2¾	29.40
GS-125	T-50	Driver—600 to 20,000 cps (Use with H600)	5	48.51
GS-126	N-1	High Pass Filter	1¾	13.72
GS-127	N-3	3-Way Crossover	5½	31.36
GS-128	N-2A	2-Way Crossover	2¼	17.64
GS-129	N-2B	2-Way Crossover	2¼	13.72
GS-131	AP-8	Balance control	1	3.87
GS-136	T-203	Super Tweeter	7	28.91

OUTSTANDING UNIVERSITY SPEAKERS & NETWORKS



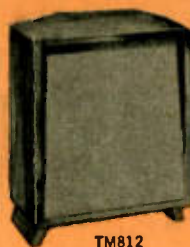
MEDALLION XII French Provincial
Select-A-Style Frame & Base



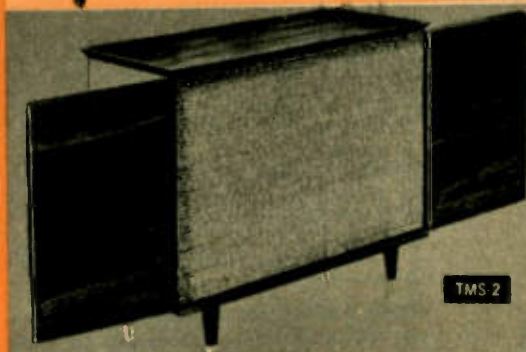
SPEAKER SYSTEMS AND ENCLOSURES



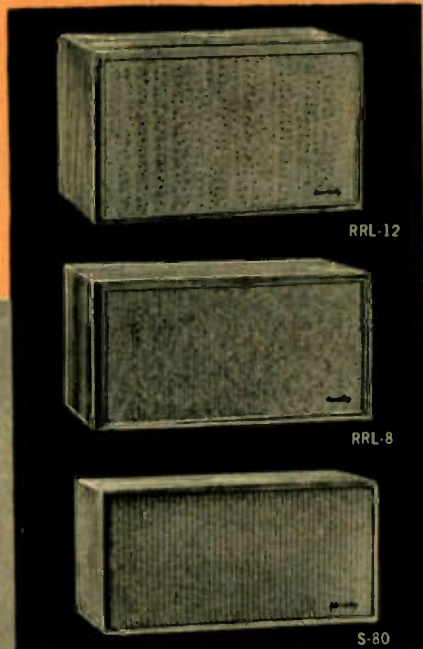
EN1215



TM812



TMS-2



RRL-12

RRL-8

S-80

NEW! MEDALLION SPEAKER SYSTEM

An unusually versatile, compact 3-way system featuring optional snap-on Select-A-Style speaker grilles. With grille front attachment provision, speaker will adapt to Provincial, Modern, or Contemporary stylings. An ideal answer to the interior decorator's plan for a stereophonic speaker array. Speaker front can be conveniently changed to suit surrounding furniture and decor. System employs 3 separate, quality loudspeakers to reproduce the entire audio range with clean level response. Bass augments from a specially designed 12" high compliance, heavy-duty woofer. Important mid-range presence is obtained from an 8" speaker. High frequencies to beyond the limit of audibility radiate evenly in all directions from a Sphericon super-tweeter. Unnatural peaks and valleys at certain frequencies are not present. Frequency response is smooth from 28-22,000 cycles and extends to 40,000 cycles. Built-in network provides cross-over at 500 and 3000 cycles. Multi-position controls are provided for adjusting to the acoustical conditions of the listening area. High system efficiency permits the use of amplifiers that can supply 10 or more watts drive. Use in pairs for quality, matched speaker stereo systems. All models are finished on all four sides—use upright or lengthwise, as desired. Available in selected finished woods. Size 24Hx17Wx12½"D. Floor base available as an accessory. Shpg. wt., 40 lbs.

MEDALLION XII SPEAKER SYSTEM (without grill)

GB-515WX Mahogany	5.00 Down	Net 137.15
GB-516WX Walnut	5.00 Down	Net 137.15
GB-517WX Oil Walnut	5.00 Down	Net 137.15
GB-518WX Fruitwood	5.00 Down	Net 137.15

SELECT-A-STYLE FRAMES

The Medallion XII features the unique, exclusive "convert-a-frame" styling concept. You can now select either a Modern, French Provincial, Early American, Italian Provincial, or Swedish Modern styling by simply attaching the grill frame of your choice to the Medallion XII system. Shipping wt., 3 lbs. (frames are available for only the finishes and matching woods listed under the corresponding stock numbers below)

Style	Mah.	Wal.	Oil Wal.	Fruitwood	Net
Modern	GB-519W	GB-520W	GB-521W		9.75
French Provincial				GB-522W	14.65
Early American				GB-523W	14.65
Italian Provincial	GB-524W	GB-525W	GB-526W		14.65
Swedish Modern	GB-527W	GB-528W	GB-529W		14.65

Wood Base for Medallion Speaker System. Shpg. wt., 3 lbs.		
GB-930W Mahogany		Net 14.65
GB-931W Walnut		Net 14.65
GB-932W Oil Walnut		Net 14.65
GB-933W Fruitwood		Net 14.65

TMS-2 "TRIMENSIONAL" STEREO SYSTEM

The TMS-2 is designed to utilize the acoustical properties of the surrounding walls of the listening room. Features the C-12 HC woofer (exclusive dual voice coil). Specially designed separate mid-range and tweeter units for each channel project sound from the sides of the cabinet. By adjusting the deflector doors, the amount of stereo spread can be increased or decreased. "Hole in the Middle" is eliminated by using central combined bass and widely reflected midrange and highs. "Presence" and "Brilliance" controls are provided for each channel. Size: 30" wide, 25" high, 12½" deep. Shpg. wt., 92 lbs.

GB-100WX Mahogany	10.00 Down	Net 252.84
GB-101WX Walnut	10.00 Down	Net 257.74
GB-102WX Blonde	10.00 Down	Net 257.74
"Early American" TMS-2. Same as above, but handcrafted in rock maple with a fine furniture fruitwood finish.		
GB-103WX	10.00 Down	Net 275.35

MODEL RRL-12 12" 3-SPEAKER RRL SYSTEM

Offers really big, full-range performance in a compact loudspeaker system. Precision acoustic coupler increases radiation resistance—resulting in increased efficiency. A special double spider 12" High Compliance Woofer extends response below 35 cps. The University Sphericon Super Tweeter provides smooth response up to 40,000 cps, ± 2 db to 22,000 cps. Heavy Magnet structure of Hiflux Uniferron -7. The 3½" direct radiator speaker provides mid-range response. Power rating: 40 watts, 8-16 ohms. Size: 25x15½x12½". Complete with variable brilliance control and 6 db per octave cross-over network. Finished on 4 sides. Shpg. wt., 38½ lbs.

GB-113WX Mahogany	5.00 Down	Net 117.55
GB-114WX Walnut	5.00 Down	Net 121.47
GB-115WX Lined Oak	5.00 Down	Net 121.47
GB-116WX Oiled Walnut	5.00 Down	Net 123.43
GB-117WX Unfinished	5.00 Down	Net 112.65

MODEL RRL-8 8" 3-SPEAKER RRL SYSTEM

The all new RRL-8 speaker system is a superb quality unit of amazing compactness and moderate price. Ideal for stereo installations. Components consist of 1-8" High Compliance woofer and 2-3½" direct radiator tweeters. Frequency response extends from below 30 cps to 20,000 cps. Clean bass response without undesirable resonances or multiplying. High efficiency permits small linear excursions for low distortion. Can be used as highboy or lowboy. Power rating: 30 watts, 8-16 ohms. Complete with variable brilliance control. Size: 22½x12x10½". Finished on 4 sides. Shpg. wt., 28 lbs.

GB-100WX Mahogany	5.00 Down	Net 97.51
GB-100WX Walnut	5.00 Down	Net 100.45
GB-110WX Lined Oak	5.00 Down	Net 100.45
GB-111WX Oiled Walnut	5.00 Down	Net 103.39
GB-112WX Unfinished	5.00 Down	Net 93.59

MODEL S-80 2-WAY HIGH EFFICIENCY SYSTEM

The all new S-80 2-way, high efficiency speaker system is modestly priced, compact, and has excellent wide-range response. Components consist of 1-8" C-8W woofer and 1-3½" direct radiator tweeter in a phase inverter enclosure. Includes 6 db per octave cross-over network. Small size permits speaker system to be put on any bookshelf. Excellent frequency response. Impedance: 8-16 ohms. Size: 21¾x11½x9¼". Finished on 4 sides. Shpg. wt., 17 lbs.

GB-104WX Mahogany	5.00 Down	Net 58.75
GB-108WX Walnut	5.00 Down	Net 58.75
GB-108WX Fruitwood	5.00 Down	Net 58.75
GB-107WX Unfinished	5.00 Down	Net 55.81

MODEL TM-812 "TINY MITE" SPEAKER ENCLOSURE

Surprising performance in this compact, attractive enclosure. Handsome clean-cut cabinet can be placed in a corner, against the wall or upside down near the ceiling. Provides high efficiency—only a 5 or 10 watt amplifier is required. Use a pair with 2 identical speakers for stereo. May be used with any 8" or 12" wide range speaker—ideal with coaxial and triaxial types. Angled sides and base form a rigid structure. Size: 21¼x15¼x12½". Shpg. wt., 26 lbs.

GB-137WX Mahogany	2.00 Down	Net 42.83
GB-138WX Blonde	2.00 Down	Net 45.57
GB-139WX Walnut	2.00 Down	Net 45.57
GB-140WX Unfinished	2.00 Down	Net 37.00

MODEL EN-1215 "DEBONAIRE" ENCLOSURE

Smallest lowboy that can take 12" or 15" speakers, or a multi-speaker system. Employs phase inversion principle to augment low frequency response. Enclosure design assures full bodied coverage of the entire audio range with any speaker system. Sturdily mounted on tapered legs. Size: 27¾x25¾x16". Shpg. wt., 56 lbs.

GB-141WX Mahogany	5.00 Down	Net 61.74
GB-142WX Blonde	5.00 Down	Net 67.62
GB-143WX Walnut	5.00 Down	Net 67.62

SPEAKER SYSTEMS ARE AVAILABLE ON EASY PAY PLAN—SEE PAGE 318

Jensen HI-FI SPEAKERS & COMPONENTS

YOU'RE AHEAD WITH JENSEN AUTHENTIC HIGH FIDELITY!

The new Jensen line of unitary loudspeakers offers for the first time a complete range of types and sizes to meet every performance and budget requirement. Many have remarkable advantages over previously available similar speakers; in each case, skillful design and advanced manufacturing methods have resulted in better performance . . . authentic high fidelity by Jensen . . . at lower cost.

TRIAxIAL AND TRIAX 3-WAY SYSTEMS

The famous Jensen G-610A and new G-600 are genuine 3-way systems, the only speakers with three electrically and acoustically independent L-F, M-F and H-F channels for utmost balance, efficiency, smoothness and range extension to upper hearing limit. M-F and H-F sections both employ compression-driver horn-loaded units for low distortion and wide angle dispersion of highs. Separate dual crossover network. M-F and H-F Balance Controls, fully wired. The ultimate in performance in a unitary speaker.

COAXIAL 2-WAY SYSTEMS

Jensen "H" and "K" Series Coaxials are genuine 2-way with electrically and acoustically independent "woofer" and "tweeter". "K" Series uses direct radiator cone type "tweeters" for a maximum of value at low cost; they have integral electrical crossovers. KTX-2 Step-Up Kit will later provide compression-driver highs above 2000 cps. "H" Series is designed for ultimate coaxial performance; they employ the expensive through-bore compression-driver "tweeter" for maximum 2-way system performance and low crossover frequency (2000 cps). Full L-C crossover network. KTX-1 Step-Up Kit may be added later for range extension to upper hearing limit.

COAXIAL 3-ELEMENT SYSTEMS

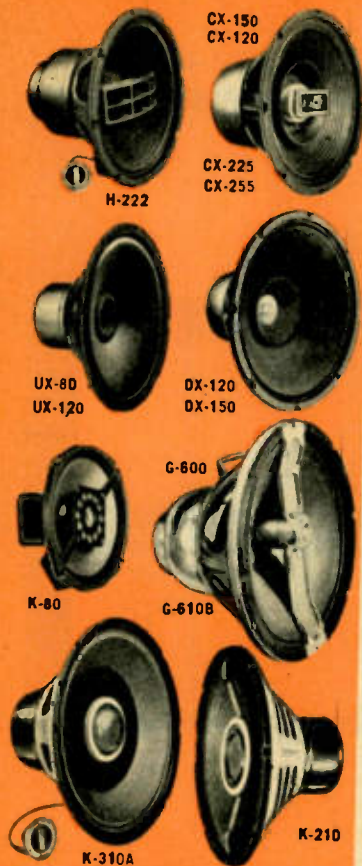
"CX" Series speakers are a combination of a compression driver supertweeter and a 2-element direct-radiator woofer-mid-channel. Electrical crossover is at 4000 cycles. Small diffusion radiator disperses and balances radiation from 2000 to 4000 cps. Three terminals for easy wiring of KTX-3 Step-Up Kit for later conversion to full 3-way system with compression driver mid-channel. A "best buy" for performance intermediate between DUAX and "H" Series coaxials.

DUAX 2-ELEMENT SYSTEMS

"DX" Series speakers have two carefully coordinated cones driven by a single voice coil. Both operate together up to a "mechanical crossover" at 4000 cps; the small H-F radiator is effective above 4000 cps. May be expanded to 2-way system with compression driver "tweeter" with KTX-2 Step-Up Kit.

UNAX SINGLE ELEMENT LOUDSPEAKERS

A new high in single-cone voice coil speakers with performance exceeding that of some speakers costing far more. Cone is specially designed so central sector radiates smoothly and efficiently at high frequencies. Viscous edge damping. KTX-2 Step-Up Kit may be added to make 2-way system.



**P8-QF
FLEXAIR
WOOFER**

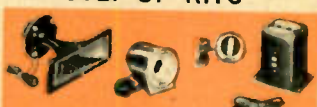
8" FLEXAIR woofer with high compliance and long, linear travel . . . a full 3/4". Provides smooth, low-distortion bass down to 36 cycles in a "bookshelf" size enclosure. Use with P35-VAH or RP-103 tweeter. Crossover, 2000 cycles. Power rating, 25 watts average program. Magnet wt., 3/4 lb. Alnico 5. 16 ohms. Shpg. wt., 5 1/4 lbs.
GS-296 . . . 2.00 Down . . . Net 22.50



**DXF-80 8"
2-ELEMENT
HIGH
FIDELITY
SPEAKER**

A brand new hi-fi speaker with extremely long travel and linear high-compliance made possible by Jensen's FLEXAIR principle. Excellent for stereo or mono system. Clean bass to below 36 cycles in compact "bookshelf" size enclosures. Auxiliary radiator extends response to 14,000 cycles. 3/4 lb. of high efficiency Alnico 5 magnet. Power rating: 20 watts program material. 16 ohms. Shpg. wt., 5 1/4 lbs.
GS-297 . . . 2.00 Down . . . Net 24.50

STEP-UP KITS



KTX-1 SUPER TWEETER KIT
Consists of RP-302 supertweeter, A-402 network, and ST-901 control. Power rating, 35 watts. Impedance 16 ohms. Shpg. wt., 5 lbs.
GS-293 . . . 2.00 Down . . . Net 43.75

KTX-2 TWEETER KIT
Consists of RP-103A tweeter, A-204 network, and ST-901 control. Power rating, 30 watts. Impedance, 8-16 ohms. Shpg. wt., 7 lbs.
GS-294 . . . 2.00 Down . . . Net 32.50

KTX-3 MIDRANGE KIT
Consists of RP-201 midrange unit, A-61 network, and ST-917 control. Power rating, 35 watts. Impedance, 16 ohms. Shpg. wt., 17 lbs.
GS-295 . . . 5.00 Down . . . Net 62.50

JENSEN A-1060 MANUAL
A guide to kit selection and enclosure construction. Describes Bass-Ultraflex, backloading and Folded-Horn enclosures in complete detail, with exploded views and simplified wiring instructions. 36 pages. Shpg. wt., 12 oz.
BK-20 . . . Net .50



**UNITARY
LOUD
SPEAKER
SYSTEM**

H-223F COAXIAL 2-WAY SPEAKER — The H-223F combines the convenience, utility and quality of the true 2-way speaker plus the exceptional performance of the Flexair woofer. Response 20-15000 cps. L-C crossover at 2000 cps to new concentrically mounted reflexed compression driver tweeter. With balance control. Impedance 16 ohms. Power rating 30 watts. Shpg. wt., 13 lbs.
GS-306 . . . 5.00 Down . . . Net 72.50

Stock No.	Model & Description	Size	Frequency Range	Imped. Ohms	Power Rating	Magnet Weight	"Step-Up" Kit	Shipping Weight	Net
GS-275WX	G610B Triax 3 Way	15"	25-UHL†	16	40 w.	6 1/2 lbs.	—	46 lbs.	252.75
GS-276WX	G600 Triax 3 Way	15"	30-UHL†	16	35 w.	3 1/2 lbs.	—	36 1/4 lbs.	134.50
GS-277	H222 Coax 2 Way	12"	30-15,000 cps	16	25 w.	1 3/4 lbs.	KTX-1	13 lbs.	62.50
GS-278	K310A Coax 2 Way	15"	40-14,000 cps	16	16 w.	3/4 lb.	KTX-2	12 lbs.	39.75
GS-279	K-210 Coax 2 Way	12"	45-14,000 cps	8	14 w.	1/2 lb.	KTX-2	7 lbs.	27.50
GS-280	K-80 Coax 2 Way	8"	50-14,000 cps	16	12 w.	1/2 lb.	KTX-2	4 lbs.	17.75
GS-281	CX-255 Coax 3-Element	15"	30-15,000 cps	16	27 w.	1 3/4 lbs.	KTX-3	13 1/2 lbs.	76.50
GS-282	CX-150 Coax 3-Element	15"	30-15,000 cps	16	25 w.	1 lb.	KTX-3	12 1/2 lbs.	66.50
GS-283	CX-225 Coax 3-Element	12"	30-15,000 cps	16	22 w.	1 3/4 lbs.	KTX-3	10 3/4 lbs.	61.75
GS-284	CX-120 Coax 3-Element	12"	30-15,000 cps	16	20 w.	1 lb.	KTX-3	9 3/4 lbs.	52.50
GS-285	DX-150 Duax	15"	40-13,000 cps	16	22 w.	1 lb.	KTX-2	11 lbs.	35.50
GS-286	DX-120 Duax	12"	40-13,000 cps	16	20 w.	1 lb.	KTX-2	7 1/2 lbs.	27.50
GS-287	UX-120 Unax	12"	40-12,000 cps	8	14 w.	1/2 lb.	KTX-2	5 1/2 lbs.	17.95
GS-288	UX-80 Unax	8"	50-12,000 cps	8	12 w.	1/2 lb.	KTX-2	4 lbs.	14.50

†High energy DP-Alnico-5. ‡Response to Upper Hearing Limit. Note: Low frequency response depends on enclosure.

ECONOMY 2-WAY SYSTEM COMPONENTS

Ideal for inexpensive 2-way systems. A choice of compression-driver RP-103A or direct radiator P35-VAH tweeters is available, either of which may be used with P12-RL (12") or P8-RL (8") woofers for a matched system. For crossover use 2 mmf. capacitor or A-204 network.

P12-RL WOOFER
Power 20 watts. 40-2500 cps. Imp., 16 ohms. Magnet 1/2 lb. DP-Alnico-5. Size: 12 1/4" O.D.; 6 1/4" D; Cutout 10 1/2" dia. Shpg. wt., 6 lbs.
GS-289 . . . Net 12.90

P8-RL WOOFER
Power 20 watts. 50-3000 cps. Imp., 8 ohms. Magnet 1/2 lb. DP-Alnico-5. Size: 8 1/4" O.D.; 4" D; Cutout 6 3/4" diameter. Shpg. wt., 3 lbs.
GS-290 . . . Net 8.75

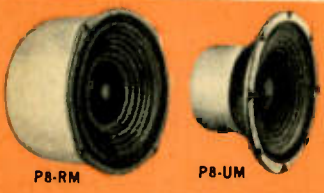
RP-103A TWEETER
Compression horn type. Power 30 watts. 2000-15000 cps. Imped., 16 ohms. Size: 3"H; 7 1/2" W; 6 1/4" D. Cutout 2x6". Shpg. wt., 3 1/4 lbs.
GS-291 . . . Net 16.50

P35-VAH TWEETER
Direct radiator type. Power 15 watts. 2000-14000 cps. Imp., 16 ohms. Size: 3 1/2"H&Wx2 1/8"D. Cutout 3 3/8" dia. Shpg. wt., 3/4 lb.
GS-292 . . . Net 4.00

JENSEN FAMOUS MIDRANGE SPEAKERS

P8-RM 8" M-F Unit. Heavy duty direct-radiator unit with enclosing back cover. For upper-bass range, or mid-range in 3-way and 4-way systems. Range 200-4000 cycles. Power rating with network 40 watts, impedance 16 ohms. 1/2 lb. DP-Alnico-5 magnet. Size 8 1/4" O.D. x 5" deep. Baffle cutout 6 3/4" dia. Shpg. wt., 3 1/4 lbs.
GS-307 . . . Net 12.50

P8-UM 8" M-F Unit. Low cost m-f unit, direct radiator type for 600-4000 cycle range. Closed housing prevents backside radiation. Power 30 watts. Impedance 16 ohms 8 1/4" D.D. x 4 1/2" depth. Baffle cutout 6 3/4". Shpg. wt., 3 lbs.
GS-308 . . . Net 7.50



Jensen HI-FI SPEAKER SYSTEMS

NEW TR-30 DECORATOR GROUP 3-WAY SYSTEM

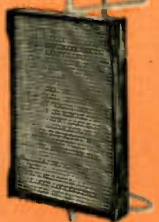
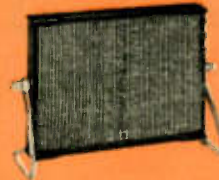
The TR-30 is a quality performing 3-way loudspeaker system housed in a beautiful bookshelf console with choice of select decorator furniture styling. Excellent bass is accomplished with a 12" Flexair woofer. The Flexair high compliance speaker with its SYNTAX-6, 1 1/4 lb. magnet has high efficiency and can travel up to 1" with minimum distortion. The highs are adequately handled by new compression type midrange and supertweeter speakers. Cross-over frequencies are 900 and 6000 cycles. The over-all frequency response of the system extends from 20 cycles to inaudibility. High efficiency does not make high power amplifiers a requirement. Only 10 watts are needed to completely fill the average listening room with sound. Power rating is 30 watts continuous and 60 watts peak. Midrange and high frequency level controls are mounted on the rear panel. Four unusually attractive finished models are available. Each has its own distinct styling, wood finish, and woven grille fabric. Furniture models are finished on all four sides—use as a high-boy or as a low-boy. Unfinished utility model is ideal for built-in installations. Impedance: 8 ohms. Dimensions: 16 1/2"Hx25 1/2"Wx11 3/4"D. Shpg. wt., 50 lbs.

GB-222WX	TR-30 Danish model in walnut	5.00 Down	Net 159.50
GB-223WX	TR-30 Provincial model in cherry	5.00 Down	Net 159.50
GB-224WX	TR-30 Contemporary model in limed oak	5.00 Down	Net 159.50
GB-221WX	TR-30 Traditional model in mahogany	5.00 Down	Net 159.50
GB-225WX	TR-30 Utility model in gum hardwood	5.00 Down	Net 134.50
GB-215	ST-979 Accessory Floor Stand in walnut, cherry, oak or mahogany (specify finish)		Net 9.95



TR-30

TR-1C WITH ST-979 FLOOR STAND



GALAXY GS-3 SYSTEM WITH ST-979 FLOOR STAND

NEW GS-3 GALAXY III COMPLETE STEREO SATELLITE SPEAKER SYSTEM

The GS-3 is a deluxe satellite loudspeaker system with select decorator furniture styling designed to reproduce full dimension stereophonic sound using a single bass speaker for both channels and two compact midrange-high frequency speakers. This space saving arrangement affords wide panoramic coverage. The center bass unit contains a 12" Flexair woofer which operates only up to 350 cycles and adds center-fill. Low frequencies (up to 350 cps) from both channels are mixed in a new bridge-matrix. Two satellite speakers carry separately the frequencies above 350 cps for each channel. Each satellite uses a special elliptical speaker for frequencies from 350-4000 cycles and a compression type supertweeter operates above 4000 cycles. System has a frequency range of from 20 cycles to inaudibility. Satellite speakers can be placed horizontally or vertically at from 8 to 20 feet apart. With attached sturdy swivel yokes the satellites can assume any desired orientation. System is available in four decorator models—each with different styling and appropriate wood finish. Money saving utility model can be finished as desired. Power rating is 30 watts program material, 60 watts peak. Full room volume can be obtained with as little as 10 watts per channel. Impedance: 8 ohms each channel. System contains one B31 Bass Center Unit and two S-31 Satellite Units with 20 feet of connecting cords, swivel yokes and mounting hardware. Size: Bass Center Unit: 16 1/4"Hx25 1/2"Wx11 3/4"D. Each Satellite: 11 1/2"Hx7 7/8"Wx4 1/2"D. Shpg. wt., 60 lbs.

GB-216WX	GS-3 Traditional model in mahogany	10.00 Down	Net 229.50
GB-217WX	GS-3 Danish model in walnut	10.00 Down	Net 229.50
GB-218WX	GS-3 Provincial model in cherry	10.00 Down	Net 229.50
GB-219WX	GS-3 Contemporary model in limed oak	10.00 Down	Net 229.50
GB-220WX	GS-3 Utility model in hardwood	5.00 Down	Net 195.50
GB-215	ST-979 Accessory Floor Stand for Gass Center Unit; in walnut, cherry, oak or mahogany (specify finish). Shpg. wt., 2 lbs.		Net 9.95

TR-10 TRI-ETTE 3-WAY SPEAKER SYSTEM

A diminutive speaker system that is definitely hi-fi in quality and can serve as the main unit in the home music system or as an add-on unit for stereo. It may be used as a floor piece standing vertically, on a table base (ST-945) or on a floor stand (ST-944), both of which are available. Heart of the Tri-ette is the new Flexair 12" woofer with its super low free-air resonance of 20 cycles and high damping. The cabinet incorporates the Bass superflex construction and Fibreglass lining, giving a range of 25-15,000 cps. with lowest possible distortion. Other speakers are the special 8" mid-channel and RP-103A Tweeter which operate at cross-overs of 600 and 4,000 cps. Impedance is 16 ohms; power rating of 30 watts; can be driven by 10 clean watts of power. Dimensions: 13 7/8"Hx25Wx11 3/4"D. Shpg. wt., 45 lbs. Specify finish—Walnut, Tawny Ash, Mahogany.

GB-203WX		5.00 Down	Net 119.50
TR-10 system in unfinished plain rectangular cabinet.			
GB-204WX		5.00 Down	Net 84.50
ST-944 STAND — To mount TR-10 TRI-ETTE horizontally for floor use. Specify finish—Walnut, tawny ash, mahogany. Shpg. wt., 8 lbs.			Net 12.95
GB-205			Net 12.95
ST-945 BASE—For table or shelf use with TR-10 TRI-ETTE. Specify finish—Walnut, tawny ash, mahogany. Shpg. wt., 5 lbs.			Net 5.45
GB-206			Net 5.45

SS-100 SINGLE 3-WAY SYSTEM WITH STEREO DIRECTOR

Serves as one section of a stereo system or as a monaural system to which additional unit may be added later. Two SS-100's are ideal for stereo, as its flexibility-plus makes this combination a natural. This elegant model includes Jensen Bass-Superflex enclosure, as illustrated, DC-3 Stereo Director Chassis and KT-33 3-Way Speaker System Kit. A rear opening gives access to the Stereo Director. Response is smooth from 20-15,000 cps. Impedance is 16 ohms, power rating 30 watts. Dimensions: 32x21x18 3/4". Shpg. wt., 56 lbs. Speciv finish—Walnut, Tawny Ash, Mahogany.

GB-200WX		5.00 Down	Net 179.95
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TF-3 3-WAY SPEAKER SYSTEM

This new economical system available in unfinished gum hardwood has been designed for high quality reproduction. Smooth response from 25 cycles to inaudibility using 4 speakers. 10" Flexair woofer has a 1 lb. Alnico V magnet. 2-3 1/2" midrange units are positioned for maximum spread. Supertweeter has a spherical sector element. Power rating 25 watts, 50 watts peak. Enclosure ready for finishing. Impedance 8 ohms. Size 13 1/2"Hx23 3/4"Wx11 3/4"D. Shpg. wt., 38 lbs.

GB-226WX	TF-3	5.00 Down	Net 79.50
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KT-33 3-WAY SYSTEM KIT

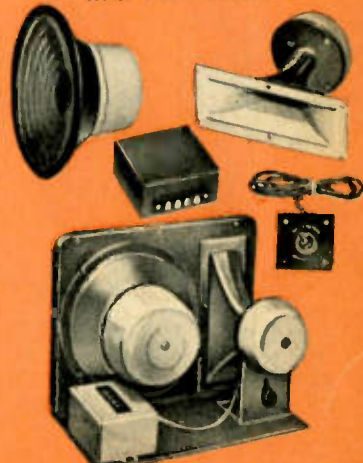
Quality kit includes basic speaker components in "knocked-down" form (shown assembled in illustration, on DC-3 Stereo Director Chassis which is not included and which must be ordered separately); Flexair 12" woofer, special 8" mid-frequency unit, RP-103A compression high frequency unit control, crossover network, wiring cable, full instructions for building enclosure and installing speaker system. Impedance 16 ohms; power rating 30 watts. Shpg. wt., 22 lbs.

GS-300	DC-3 STEREO DIRECTOR CHASSIS. Shpg. wt., 4 lbs.		Net 80.00
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GS-300	DC-3 STEREO DIRECTOR CHASSIS. Shpg. wt., 4 lbs.		Net 9.50
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TE-3



KT-33 3-WAY SYSTEM KIT



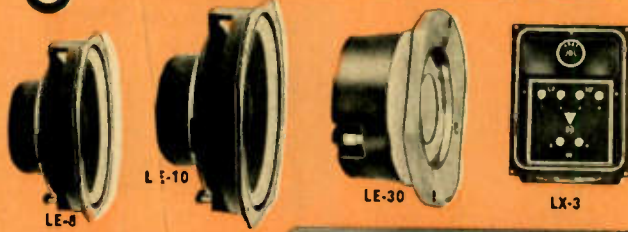
TR-10 TRI-ETTE



SS-100

JAMES B. LANSING HI-FI SPEAKERS & SYSTEMS

LINEAR EFFICIENCY SERIES

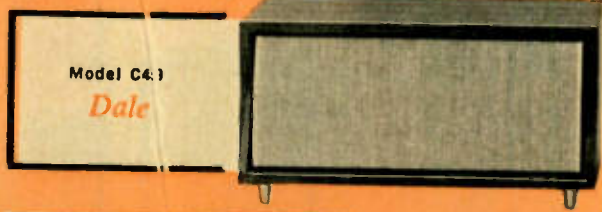


LE-8

LE-10

LE-30

LX-3



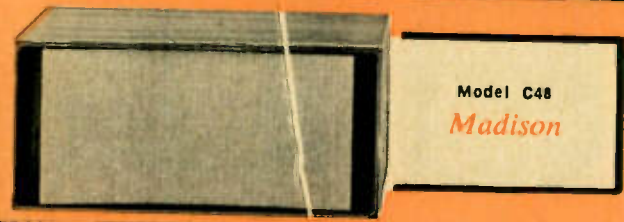
Model C41
Dale



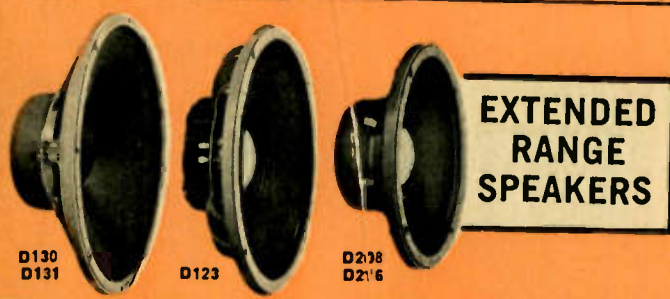
Model C46
Minigon
with
LOUVERED GRILLE



Model C46
Minigon
with
FABRIC GRILLE



Model C48
Madison



D130
D131

D123

D208
D216

EXTENDED RANGE SPEAKERS

D123 12" SPEAKER

Incorporates essentially the same design, same high quality and painstaking construction as its larger 15" counterpart, making it one of the finest 12" speakers available. Can be used singly or in 2-way or 3-way systems for those who want D130 performance in smaller enclosures. Specifications: Response — 30 to 17,000 cps; Capacity — 20 watts; magnet construction — 3 lb. Alnico V PM in special design. Free cone Resonance — 39 cps. Voice coil construction — 4" coil attached to 4" dural center dome; Depth — 5". Shpg. wt., 21 lbs.

GS-230WX 5.00 Down Net 88.50

D208 8" SPEAKER

A moderately priced unit with power input of 12 watts, 15 oz. Alnico 5 magnet, 2" diam. edge-wound aluminum ribbon voice coil, dural center dome vented to eliminate non-linear compression effects. 8 ohms. Response 40-13,000 cps ± 5 db. Free air cone resonance 55 cps. Diam. 8 1/4", Depth 2 3/4". Shpg. wt., 6 lbs.

GS-232 2.00 Down Net 31.80

JBL Linear Efficiency speaker systems are the result of two years of concentrated research and development. New "equipulse" suspension with "Lans-a-loy" cone termination allows extreme straight-line piston travel. Free-floating piston assemblies can trace delicate waveforms even at maximum displacement. Larger diameter edged voice coils for tight dynamic control of piston: Pure iron high intensity magnetic gaps. Non-resonant cast frames for front or rear mounting in small enclosures or in-wall installation. Designed for use in sealed cabinets of minimum dimensions these speakers are not interchangeable with high-efficiency types designed for reflex or horn enclosures.

LE-8 8" EXTENDED RANGE SPEAKER

Specifically designed for small enclosures or Infinite baffle. Titanium high frequency radiator dome for superior treble, long linear travel cone for full bass. 16 ohms impedance, 20-watt capacity. Depth 4 3/8". Shpg. wt., 11 lbs.

GS-225 5.00 Down Net 59.70

LE-10 10" LOW FREQUENCY DRIVER

For use in small sealed enclosure. Smooth response 16-2000 cps. Can be mounted from front or rear. Cross over at 1500 cps or lower. 30-watt power capacity. Free air cone resonance: 15 cps. 3" V.C. diam., 16 ohms impedance. Depth 4 1/8".

GS-226 Shpg. wt., 15 lbs. 5.00 Down Net 55.80

LE-30 HIGH FREQUENCY DRIVER

Extremely low distortion. Completely sealed and self-contained. Smooth response from 1000 cps to beyond audibility. 16 ohms impedance. 1 3/4" V.C. diam. Power capacity: 30-watts. Diam. 5 1/4", depth 2 3/4". Shpg. wt., 6 lbs.

GS-227 5.00 Down Net 55.80

LX-3 DIVIDING NETWORK

Designed for LE-30 only. Relative treble intensity control on front panel. Cross-over at 1000 cps. Capable of 12 db/octave attenuation with LE-30. 3 1/4"x3 1/4"x2 3/4".

GS-228 Shpg. wt., 3 lbs. 5.00 Down Net 17.40

MODEL C49/DALE SYSTEMS

D49LE8 C49 "Dale" with LE8 installed. A superb bookshelf enclosure. Excellent low frequency response despite small size. System has smooth response through entire spectrum. Choice of finish: dark mahogany, korina, light walnut, oil walnut. Please specify finish. Size: 23 3/4"Wx11 1/2"Dx12"H (with legs). Shpg. wt., 36 lbs.

GB-156WX 5.00 Down Net 119.70

D49S5 C49 "Dale" with S5 System installed. Includes the new Linear Efficiency components; LE30 HF driver, LX3 matching network, LE10 LF driver. Please specify finish: dark mahogany, korina, light walnut or oil walnut. 23 3/4"Wx11 1/2"Dx12"H (with legs). Shpg. wt., 41 lbs.

GB-157WX 5.00 Down Net 189.00

C49 "Dale" enclosure only. Specify finish.

GB-158WX 5.00 Down Net 60.00

D46LE8 C46 "Minigon" With LE-8 installed. Brand new outstanding small-scale home stereo system. The "Minigon" enclosure gives outstanding reproduction. Delivers full bases with the LE8, Linear Efficiency transducer. Features interchangeable grille frames, and provisions which make it possible to hang the cabinets on a wall. For stereo, a pair of the "Minigon" systems can be used in separate locations in the room or placed side by side to offer full-field stereo reproduction. Choice of finish: dark mahogany, korina, light walnut and oil walnut. Please specify finish. Size: 32Wx15 3/4"Dx12 1/2"H. Shpg. wt., 60 lbs.

GB-150WX Louvered grille 5.00 Down Net 179.50

GB-151WX Fabric grille 5.00 Down Net 179.50

MODEL C/46 MINIGON SYSTEMS

D46S5 C46 "Minigon" With S5 System installed. The S5 consists of the LE30 wide band high frequency driver, LX3 matching network, and LE10 Linear Efficiency low frequency driver. The S5 is engineered for use in small sealed enclosures such as the C46 "Minigon". Choice of finish: Dark mahogany, korina, light walnut, oil walnut. Please specify finish. Size: 32Wx15 3/4"Dx12 1/2"H. Shpg. wt., 65 lbs.

GB-152WX Louvered grille 10.00 Down Net 249.00

GB-153WX Fabric grille 10.00 Down Net 249.00

C46 "Minigon" enclosure only, with louvered grille. Specify finish.

GB-155WX 5.00 Down Net 120.00

MODEL C48/MADISON SYSTEMS

D48LE8 C48 "Madison" with LE8 installed. The attractive "Madison" enclosure is of beautiful Danish design. Smooth bass response without the "out of focus" quality of most small sealed speaker systems. Power handling capacity: 20 watts. Specify choice of finish: dark mahogany, korina, light walnut, and oil walnut. 23 3/4"Wx13 1/2"Dx11 3/4"H. Shpg. wt., 41 lbs.

GB-161WX 5.00 Down Net 119.70

D48S5 C48 "Madison" With S5 System installed. Consists of LE30 HF driver, LX3 matching network, LE10 LF driver. Specify choice of finish: dark mahogany, korina, light walnut, and oil walnut. 23 3/4"Wx13 1/2"Dx11 3/4"H. Shpg. wt., 46 lbs.

GB-162WX 5.00 Down Net 189.00

C48 "Madison" enclosure only. Specify finish.

GB-163WX 5.00 Down Net 60.00

D123 12" SPEAKER

An extended range speaker of radically new design. It is extremely shallow and compact so that it can be mounted between studs in standard 4" walls, having a depth of only 3 3/8" overall. Its 3" diam. voice coil of edge wound aluminum cone which yields such good results. Smooth extended highs are delivered by the of highs. The rigid, "curvilinear" cone reproduces lows as precisely defined bass notes. Cone Response — 40 cps; usable response — 30-15,000 cps; Capacity — 20 watts; Impedance — 16 ohms. Shpg. wt., 12 lbs.

GS-231 5.00 Down Net 65.70

D130 15" SPEAKER

A basic speaker which provides distinct bass and smooth extended treble when used alone. May also be used as a low frequency unit in 2-or 3-way divided network system. Its large 4" voice coil of edge wound aluminum directly attached to a 4" dural center dome accounts for its relatively low voice coil excursion, high efficiency, low distortion. The 3 lb. Alnico V magnet is contained in a magnetic structure which yields practically no stray field. Specifications: Response — 5 db 30 to 17,000 cps; Capacity — 25 watts, Impedance — 16 ohms; cone resonance — 37 cps; Depth — 5 1/4". Shpg. wt., 23 lbs.

GS-229WX 5.00 Down Net 91.80

D216 8" SPEAKER

Same as D208 except 16 ohm impedance of voice coil. Shpg. wt., 6 lbs.

GS-233 2.00 Down Net 31.80



Famous JAMES B. LANSING

HI-FI COMPONENTS & ENCLOSURES

WOOFERS, TWEETERS, CROSSOVERS, AND NETWORKS

130A 15" WOOFER

A high grade low frequency speaker designed for 1200 cps crossover. Response: ± 5 db 30-1200 cps. 4" voice coil, 16 ohms impedance; 3 lb. magnet; 25-watt capacity. Shpg. wt., 23 lbs. (Not Illustrated).
GS-234WX 5.00 Down Net 88.80

N1200 DIVIDING NETWORK

For use with 175DLH & 130A, 1200 cps crossover. 3-position attenuation switch; attenuation 12 db/octave beyond crossover. 4 $\frac{3}{4}$ x6x3 $\frac{1}{2}$ ". Shpg. wt., 9 lbs. (Not Illustrated).
GS-236 2.00 Down Net 35.25

N2600 CROSSOVER NETWORK

Designed for D130 line, D123 or D208 for 2500 cycle crossover in any combination such that total impedance is 16 or 32 ohms. Variable HF level control. 4 $\frac{3}{4}$ x6x3 $\frac{1}{2}$ ". Shpg. wt., 3 $\frac{3}{4}$ lbs.
GS-238 2.00 Down Net 24.60

075 HIGH-FREQUENCY RADIATOR

High-efficiency HF radiator designed for 2500 cps crossover. 1 $\frac{3}{4}$ " diam. voice coil. Baffle hole diam. 3 $\frac{3}{4}$ ". Overall length 3 $\frac{1}{4}$ ". Input 20 watts above 2500 cps. Impedance 16 ohms. Dispersion 90° solid angle. Shpg. wt., 6 lbs.
GS-235 5.00 Down Net 59.40

175 DLH HIGH FREQUENCY DRIVER-HORN-LENS ASSEMBLY

For use above 1200 cps. Dispersion 90° solid angle. Power capacity, 25 watts; Driver impedance, 16 ohms. Horn throat diameter 1"; Mounting hole diam. 5 $\frac{3}{8}$ "; Overall length 11 $\frac{1}{2}$ ". Shpg. wt., 12 lbs.
GS-237WX 5.00 Down Net 124.50

N7000 CHANNEL DIVIDING NETWORK

May be used to supply 7000 cps crossover point and dividing network in 2-way or 3-way speaker systems. Impedance is 16 ohms. HF level control is continuously variable. Dimensions: 3 $\frac{1}{4}$ x3 $\frac{1}{4}$ x2 $\frac{3}{4}$ ". Shpg. wt., 3 lbs.
GS-239 2.00 Down Net 20.40



JAMES B. LANSING HI-FI SPEAKER ENCLOSURES

MODEL C38 SPEAKER ENCLOSURE

Compact lowboy bass reflex-type speaker enclosure. Acoustically engineered to bring out the full capabilities of JBL extended range loudspeakers and 2-way systems. Designed for use with D130, D131, D123, D208, D216, or any similar speaker. Designed for floor use and mounted on modern style legs, Model C38's small size allows it to be used almost anywhere. Two are perfect for stereo use. Choice of finish permits harmony with any decor. Accommodates 8", 12" or 15" speaker size: 23 $\frac{3}{4}$ x24 $\frac{3}{8}$ x15 $\frac{7}{8}$ "D. Shpg. wt., 47 lbs.
GB-174WX Mahogany finish 5.00 Down Net 77.70
GB-175 Light oak or light walnut finish 5.00 Down Net 77.70

MODEL C34 REAR-LOADED CORNER CONSOLE HORN

The C34 contains a 6' exponential folded horn that delivers an extra octave of clean, crisp bass. Corner placement is not required. From 150 cps on down, energy from the back of a 15" speaker radiates through the horn. Above 150 cps, the speaker acts as a direct radiator. Recommended for speaker systems such as D130 15" speaker used as woofer, 075 HF driver and N2600 crossover network. Size: 40Hx 23 $\frac{3}{4}$ x22 $\frac{3}{8}$ "D. Shpg. wt., 90 lbs.
GB-164WX Mahogany finish 5.00 Down Net 170.40
GB-165WX Light oak or light walnut finish 5.00 Down Net 170.40



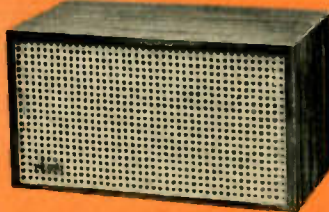
C-34



C-38



FREE-PISTON HI-FI 3-SPEAKER SYSTEMS



XP-1 DELUXE BOOKSHELF SPEAKER SYSTEM

This compact, full range speaker system uses one 12 inch woofer and two 5 inch tweeters to produce a clean overall response of 30 to 15,000 cycles. The woofer has a 2 inch voice coil, a flux density of over 12,500 gauss, and a resonant frequency well under 30 cycles. The system handles up to 60 watts, but because of its high efficiency, can be used even with a modest 10 watt amplifier. Electrical crossover is provided by a crossover network utilizing oil-filled condensers and an air-coil. Hermetically sealed and in slim-line, bookshelf size, the enclosure can be used anywhere, horizontally or vertically. The Presence/Brilliance control and speaker terminals located at the rear are recessed for further convenience. The protective and decorative speaker grille is designed for high frequency dispersion, and is completely free of parasitic vibration.

Heavily lined with Acoustic glass, it is available in three rich wood finishes—Mahogany, Walnut, and Cherry. Also available as unfinished Birch, ready for staining. Size: 13 $\frac{1}{4}$ x24x11 $\frac{1}{4}$ " front-to-back. Shpg. wt., 40 lbs.
GB-450WX Fisher XP-1 Mahogany 5.00 Down Net 129.50
GB-451WX Walnut 5.00 Down Net 129.50
GB-452WX Cherry 5.00 Down Net 129.50
GB-453WX Unfinished 5.00 Down Net 124.50



XP-2 THREE-SPEAKER BOOKSHELF ENCLOSURE

The XP-2 is a new free-piston three speaker ultra-compact system designed for space-conscious apartment dwellers and "small home" owners. The XP-2 easily out-performs many larger and higher-priced speakers. It offers high compliance plus high efficiency, and can be used with amplifiers rated as low as 10 watts. Contains two 8" woofers and one 5" tweeter, with a crossover network constructed of air-core coils and oil-filled capacitors. Overall frequency response is rated from 35 to 15,000 cps.

The handsome exterior design of the XP-2 is unmarred by any nails or screws, since the cabinet is constructed with interlocking joints. The XP-2 enclosure is completely filled with high-density Acoustiglass for complete freedom from panel resonance. Dimensions: 22Wx12Hx 11 $\frac{1}{4}$ "D. Shpg. wt., 32 lbs.
GB-454WX Fisher XP-2 Cherry 5.00 Down Net 84.50
GB-455WX Mahogany 5.00 Down Net 84.50
GB-456WX Unfinished 5.00 Down Net 79.50
GB-457WX Walnut 5.00 Down Net 84.50

WEATHERS HARMONY STEREO SPEAKERS AND HIDEAWAY BASS



HARMONY STEREO SPEAKERS

Based on a radically new principle in speaker design, and specifically designed for stereo, the SE-50 Harmony combines the ultimate in sound reproduction with economy of space. Can be used in pairs or singly as an additional stereo speaker converting your present monaural system. Rated at 3 watts continuous and 10 watts peak. Impedance: 4 ohms. Frequency response: 70 to 15,000 cycles. 3/4 amp fuse included for overload protection. Fits vertically in a bookshelf only 11 inches high. Choice of Ebony or Cordova finish. 11Hx3 $\frac{3}{8}$ Wx 9 $\frac{1}{4}$ "D. Shpg. wt., 5 lbs.
GB-534 SE-50 Ebony 2.00 Down Net 29.75

NON-DIRECTIONAL HIDEAWAY BASS SPEAKER

The SE-55 provides greatly improved bass reproduction by separately radiating the combined low frequency outputs of both channels. 10" diameter speaker has response of from 30 to 80 cycles and is rated at 10 watts, 8 ohms impedance. Finished in ebony and complete with Control Center. 6Hx16 $\frac{1}{2}$ Wx16 $\frac{1}{2}$ "D. Shpg. wt., 11 lbs.
GB-535 SE-55 5.00 Down Net 69.50
SE-60 Complete System (with 2 Harmony speakers) 5.00 Down Net 119.50
GB-536 less amplifier 5.00 Down Net 119.50

A301 10 WATT BASS AMPLIFIER

Designed for use with the SE-55 hideaway bass speaker. 9Wx3 $\frac{3}{4}$ Hx2 $\frac{1}{4}$ "D. Shpg. wt., 25 lbs.
G-610W 5.00 Down Net 60.00

FOR DETAILS OF LAFAYETTE'S EASY PAYMENT PLAN SEE PAGE 318

Lafayette

outstanding values in AUTOMATIC RECORD CHANGERS

NATIONALLY ADVERTISED 4 SPEED AUTOMATIC RECORD CHANGER WITH COMPATIBLE STEREO-MONAUROAL DIAMOND CARTRIDGES



S-108

380C

Complete with Pickering 380C Diamond Stereo Cartridge
Regular 74.35
SPECIAL 44.50

Complete with Audio Empire S-108 Diamond Stereo Cartridge
Regular 79.00
SPECIAL 59.25

Another fabulous buy from Lafayette—Famous Make 4-speed record changer with cartridge, ready for stereo as well as monaural use. Intermix operation. Employs a powerful 4 pole motor which maintains constant speed with changes in load and line voltage. Heavy weighted turntable. Priced so low we DARE NOT mention the manufacturer's name. Offer includes Lafayette's MONEY BACK GUARANTEE—if you are not satisfied that you have made a purchase of exceptional value, your money will be refunded. Size: 14 7/8 x 13", 5" above and 3 1/8" below motor board. Includes line cord, pick up cables, mounting hardware, plug-in shell, Pickering 380C or Audio Empire S-108 compatible stereo cartridge (See listing below for choice of cartridge). Less 45 rpm spindle and base. Shpg. wt., 15 lbs.
PK-475W Changer with Pickering 380C with .7 mil dia. stylus 2.00 Down Net 44.50
PK-476W Changer with Audio Empire S-108 with .7 mil dia. stylus 5.00 Down Net 59.25
Wood Bases For Above
PK-362W Mahogany finish Net 3.95
PK-363W Blonde finish Net 3.95
PK-364W Walnut finish Net 4.50



S-108

380C

NEW! GLASER-STEERS GS-400 STEREO RECORD CHANGER

Complete with Pickering 380C Diamond Stereo Cartridge
Regular 77.35
SPECIAL 52.50

Complete with Audio Empire S-108 Diamond Stereo Cartridge
Regular 82.00
SPECIAL 61.50

AN UNBEATABLE STEREO VALUE from Lafayette. This new Glaser-Steers 4-speed stereo record changer is provided with new compatible Diamond Stylus Stereo Cartridge for perfect stereo and monaural reproduction. Check these Glaser-Steers features... automatic intermix; acoustically isolated and dynamically balanced transcription type tone arm; idler automatically disengaged in off position preventing flat spots; muting switch and RC network maintain silence for both stereo channels. Finished in Gray and Silver trim with Oyster White turntable pad. For 105-130 volts 60 cycle AC. Dimensions 13 1/2 x 12" D. 3" below and 5 1/2" above mounting board. Shpg. wt., 14 lbs.
GS-400 Record Changer, Less base, with Pickering 380C compatible stereo cartridge with .7 mil diamond stylus.
PK-471W 5.00 Down Net 52.50
Same with Audio Empire S-108 compatible stereo cartridge with .7 mil diamond stylus.
PK-472W 5.00 Down Net 61.50
Wood Base as illustrated. Ebony with Gold Trim. Shpg. wt., 5 lbs.
PK-350W Net 9.60
Black wood base
PK-473W Net 5.90
PK-352 Automatic 45 rpm spindle, 1 1/2 lbs. Net 2.95



UNITED AUDIO

DUAL 1006 4-SPEED COMBINATION STEREO TURNTABLE/CHANGER

An unconventional record changer employing many design principles used only in transcription tables. It features unusual flexibility and ease of operation as an automatic changer. Tone arm is completely free-floating using ball bearings. Built-in stylus pressure gauge with calibrated easy to read scale. 3 1/2 lb. turntable is laminated and girded for rigidity. Powerful motor reaches full speed under load in 1/2 sec. "Rigid equipoise" motor suspension. 4-speed control system with separate drive gears for each speed prevents flat-spot thumping. Simplified push button controls. Stereo-Mono switch removes vertical noise which stereo cartridges pick up playing monaural records. "Elevator action" isolates bottom record on the spindle from the rest of stack assuring protection of record grooves and centers. Intermix mechanism handles single play spindle, changer spindle and 45 adaptor disc. For 110/120V 60 cyc./AC. Chassis 10 1/2 x 13"; requires 3" clearance below, 6" above. Shpg. wt., 20 lbs.

GR-106WX Less base, 5.00 Down Net 79.95
Wooden Base for Dual-1006 Record Changer. Specify Mahogany or Walnut finish.

GR-188W Net 6.95
Dual AS-4 Automatic 45 RPM Record Changer Spindle.
PK-392 Net 4.80



BSR MONARCH

4-SPEED STEREO RECORD CHANGER COMPLETE WITH STEREO TURNOVER CARTRIDGE

SPECIAL

SALE!

19.95

• FULL INTERMIX IN ANY ORDER • PLAYS BOTH STEREO AND MONAUROAL RECORDS

The newest British made BSR Monarch featuring heavy duty 4-pole-induction motor, rim-driven rubber cushioned turntable with ball bearing mounting, rumble-free, wow-less low hum, automatic operation. Automatically plays 7", 10" and 12" records at 16 2/3, 33 1/3, 45 or 78 rpm. Intermixes in any order. Tone arm unflinchingly settles into lead-in groove of record. Switch turns off motor after last record. Jam-proof mechanism. Manual design and construction assure trouble-free operation and long life. Complete with compatible stereo turnover cartridge, dual sapphire styl. Dimensions: 12 1/2 x 10 1/2" D; 2 1/4" below mounting board, 5 1/2" above mounting board. Shpg. wt., 18 lbs.

PK-285W with Stereo Cartridge Net 19.95
PK-289 MONARCH 45 RPM Spindle Net 1.88
PK-371W Wood base, mahogany, 5 lbs. Net 3.95
PK-372W Wood base, blonde, 5 lbs. Net 3.95
PK-373W Wood base, walnut, 5 lbs. Net 4.50

(less cartridge and base)

59.50



PLASTIC COVER

GLASER-STEERS GS-77 4-SPEED STEREO RECORD CHANGER

• UNIQUE "TURNTABLE PAUSE" BETWEEN CYCLES • SHORT 9 SECOND CHANGE-CYCLE • TRANSCRIPTION-TYPE TONE ARM • INAUDIBLE WOW, RUMBLE AND FLUTTER

Many new features make this the ideal stereo changer. Amazing "SPEEDMINDER" automatically selects correct turntable speed, and provides record and stylus protection. The transcription-type tone arm is dynamically balanced and acoustically isolated for distortion-free reproduction. Fine features include: double channel muting switch; Stereo-Monaural switch; 4-pole hum-shielded motor; automatic and manual operation; at all 4 speeds complete intermix, automatic idler wheel disengagement in off position. Styled in ebony with brushed gold trim, and oyster white turntable pad. Size: 13 1/2 x 12" D, 3" below and 5 1/2" above mounting board. Operates from 105-130 volts 60 cycle AC. Shpg. wt., 13 lbs.

GR-50WX less cartridge and base 5.00 Down Net 59.50
PK-350W Wood base, ebony with gold trim, 5 lbs. Net 9.60
PK-474W Wood base, blonde, 5 lbs. Net 5.90
PK-351W Mounting Board, unfinished, 1 lb. Net 2.40
PK-352 Automatic 45 rpm spindle, 1 1/2 lbs. Net 2.95
GR-51 Plastic Cover, Shpg. wt., 8 oz. Net 9.75

Garrard

High Fidelity RECORD PLAYING EQUIPMENT

NEW! MODEL "A" AUTOMATIC TURNTABLE



69.50

RC88 "MARK II" CHANGER

Wired For Stereo and Monaural

A precision turntable and tone arm with the convenience of automatic record changing. It has many quality features found only in professional manual players. Polished 6 lb. cast turntable. "Laboratory balanced", constant speed motor is completely shielded. Tone arm is dynamically balanced with adjustable counterweight and spring tension — no slide pressure on groove. Tracking force is set by sliding knurled knob along scale. Pusher changing mechanism featuring 1 piece center spindle. Level adjusted without tools, using knurled knob. Five wire system, fully wired for stereo — utilizing separate ground wire to minimize residual hum. Cabinet Size: 15Wx12½D", 2½" below and 5¾" above top of motor board. Complete with line cord, pickup leads, plug-in shell, mounting hardware, standard and manual spindles, 45 rpm adaptor. Less cartridge and automatic 45 rpm spindle. Shpg. wt., 19 lbs. GR-166WX Less cartridge and base... 5.00 Down... Net 69.50



59.50

RC210 "PRIDE" RECORD CHANGER

Wired For Stereo and Monaural

4-speed deluxe Auto-Manual changer wired for stereo and monaural use. 5 wire system with separate ground. Full manual position. Lightweight cast aluminum tone arm. Smooth, quiet shaded 4 pole "Induction-Surge" motor, silent free-wheeling ballbearing turntable mount and oversized live rubber idler traction wheel. Features a true-turret drive with all 4 speeds operating off the motor on a single turret which eliminates drive belts. Heavy steel precision turntable. Rubber isolated mounting springs. Simplified stylus pressure and pickup height adjustments. Floating motor completely isolated and damped. Plug in shell has lever lock to prevent resonance. Size: 15½x13¼", 5¾" above and 3¾" below mounting board. Complete with line cord, pickup lead, plug-in shells, mounting hardware, standard and manual spindles and 45 rpm adaptor. Less cartridge and automatic 45 rpm spindle. Shpg. wt., 16 lbs. GR-126W Less cartridge 5.00 Down Net 59.50



44.50

Wired For Stereo and Monaural

This precision 4-speed changer is the latest addition to the Garrard line. New "side/slide" control levers for fast, simple speed selection and automatic or manual operation. "Induction Surge" 4 pole motor is employed with Garrard Intermix changing mechanism. Wired for stereo and monaural use. Handsomely finished in sparkling white, chrome and satin black. Dimensions are 14¾x13", 5" above 3¼" below motor board. Complete with line cord, pickup cables, plug-in shell and mounting hardware less 45 rpm spindle and cartridge. Shpg. wt., 14 lbs. GR-133W Less cartridge 2.00 Down Net 44.50



GARRARD
T-MK II
CREST
MANUAL
PLAYER

Wired For Stereo
and Monaural

Compact and efficient 4-speed manual player for fine reproduction of either stereo or monaural discs. Heavy Duty 4-pole shaded induction surge motor. Size 14¾x12½", 3" above and 2¼" below motorboard. With 45 rpm adaptor, rubber turntable mat, etc. Shpg. wt., 14 lbs. GR-158W Less Cartridge 2.00 Down Net 32.50



GARRARD
4HF
MANUAL
4
SPEED
PLAYER

Wired For Stereo
and Monaural

Deluxe professional type, manual transcription player with 12" heavy weight turntable and "TPA/12 Inspired" tone arm, on single unit plate. 4-speeds, with variable speed adjustment. New lubricating system. Supplied with plug-in Universal head. For 100/130 volts, 60 cps. (50 cycle bushing available.) Size, 17¼x13¼", 3½" above and 3½" below motorboard. Shpg. wt., 15 lbs. GR-124W Less Cartridge 5.00 Down Net 59.50

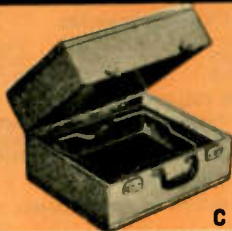


Wired For Stereo
and Monaural

GARRARD
301
PROFESSIONAL
TURNTABLE

A hi-fi 3-speed turntable designed to professional specifications. Exclusive heavy duty motor has a dynamically balanced armature. Precision 6½ lb. 12" aluminum turntable. Eddy current brake permits variation of all speeds. Less than 0.2% wow; less than .05% flutter. For 100-130/200-250 Volt, 60 cycle A.C. operation. 50 cycle pulley available. Size: 16x13¼", 2½" above and 3½" below motorboard. Supplied with line cord, handsome stroboscopic disc and individual inspection report. Shpg. wt., 20 lbs. GR-123WX 2.00 Down Net 89.00

GARRARD BASES, BOARDS AND CASES



WOOD MOUNTING BASES (A)

Choice of Mahogany, Blonde, or Walnut. Shpg. wt., 4 lbs. Specify finish.

Stock No.	Description	Net
PK-393W	For RC88, RC98 and A	4.95
PK-394W	For RC-210	4.95
PK-395W	For RC-121/11	4.60
PK-396W	For T/11	4.60
PK-397W	For 4HF	6.50
PK-398W	For 301	8.95

WOOD MOUNTING BOARDS (B)

Unfinished, smooth sanded. Shpg. wt., 1½ lbs.

Stock No.	Description	Net
PK-399W	For RC88, RC98 and A	2.25
PK-401W	For RC-210	2.25
PK-402W	For RC-121/11	2.25
PK-403W	For T/11	2.25
PK-404W	For 4HF	2.25

CARRYING CASES (C)

Portable Wood cases with handsome simulated leather covering. Shpg. wt., 6 lbs.

Stock No.	Description	Net
PK-405W	For RC88, RC98 and A	15.00
PK-406W	For RC-210	15.00
PK-407W	For RC-121/11	15.00
PK-408W	For 4HF	19.50

45 RPM AUTOMATIC SPINDLES

Shpg. wt., 10 oz.
For use with RC-121/11 & RC-210.
PK-409 Net 3.80
For use with RC-88 & RC-98.
PK-410 Net 3.80



GARRARD STEREO CONVERSION KITS



Kit contains leads, shell, hardware, and instructions to convert older monaural models to stereo. Shpg. wt., 12 oz.

Model SK-1 To convert RC88, RC98, RC121 and T/11.
GR-163 Net 4.95
Same as above, but for RC-121/11.
GR-164 Shpg. wt., 12 oz. Net 4.95

RECORD CHANGERS ARE AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN—SEE PAGE 318

Page 63

Collaro RECORD CHANGERS and PLAYERS



CONQUEST II
REG. PRICE
~~12.23~~
SPECIAL

Complete with Audio Empire S-108 Diamond Compatible stereo cartridge.
GR-23WX 54.17

FULLY WIRED FOR STEREO OR MONAURAL

5.00 Down



CORONATION II
REG. PRICE
~~76.15~~
SPECIAL

Complete with Audio Empire S-108 Diamond Compatible stereo cartridge.
GR-32WX 57.11

FULLY WIRED FOR STEREO OR MONAURAL

5.00 Down



REG. PRICE
~~92.81~~
SPECIAL

Complete with Audio Empire S-108 Diamond Compatible stereo cartridge.
GR-24WX 69.65

FULLY WIRED FOR STEREO OR MONAURAL

5.00 Down

- 6½ LB. DIE-CAST NON-MAGNETIC TURNTABLE
- EXCEEDS NARTB STANDARDS FOR WOW, FLUTTER AND RUMBLE
- 2-PIECE TRANSCRIPTION ARM

MODEL TSC-640 CONQUEST II

An ideal low cost automatic changer for the latest stereo and monaural records. Made in England, it is carefully engineered and precisely constructed. The two-tone color finish will fit any decor and its functional controls assure ease of operation. This changer can be converted into turntable operation instantly. Features a new one-piece transcription-type tone arm, completely wired for stereophonic use. The tone arm will accept all standard high-fidelity stereo and monaural cartridges. "Semi-magic" tone arm automatically "feels" the record diameter. Handles 7", 10" and 12" records stacked in order of decreasing size. Extremely quiet and smooth operation is achieved by the use of heavy duty 4 pole induction motor driving a heavy rim-weighted turntable, equipped with removable rubber mat. Other features include: Automatic shut-off after last record; muting switch and pop filter to eliminate extraneous noises; tropicalized against adverse weather conditions; jam proof machinery. Size 12x13½". Clearance 5" above and 2¾" below motor board. Shpg. wt., 20 lbs.

Model TSC-640E. Less base and cartridge.
GR-16WX 2.00 Down Net 37.73

MODEL TSC-740 CORONATION II

Enjoy the latest stereo and monaural records with this superb stereo record changer. Deluxe styling includes two-tone color finish to fit any decor. New changer mechanism automatically changes and finds the proper location for lowering the tonearm. Gentle handling of records and operational ease mark this changer as one of the finest available. Features the revolutionary new two-piece transcription type tone arm, dynamically balanced and properly damped to eliminate audio frequency resonance. Plug-in head accepts all standard stereo and monaural cartridges. Heavy duty 4 pole, shaded induction motor drives a heavy rim-weighted turntable, equipped with removable rubber mat, reducing wow and flutter to less than 0.25% rms at 33½ rpm. Automatically plays 7", 10" and 12" records stacked in order of decreasing size. Other features include: 4-speeds, 78, 45, 33½, 16⅔ rpm; switch for manual turntable operation; automatic shut-off after last record; jam-proof machinery; muting switch and pop filter 12x13½", 5½" above and 2¾" below motor board. Shpg. wt., 20 lbs.

Model TSC-740E. Less base and cartridge.
GR-25WX 2.00 Down Net 41.65

COLLARO TC-99 CONSTELLATION TRANSCRIPTION CHANGER

A new 4-speed stereo changer specifically designed for the connoisseur, the TC-99 provides transcription performance with full automatic operation. Each model is laboratory checked and comes with its own lab specification sheet. Flutter guaranteed not to exceed 0.4%, wow 0.15%.

Also featured is a new two-piece transcription arm designed to professional standards to track records with minimum distortion and lowest amount of pressure. Plug-in head accepts all standard stereo and monaural cartridges. Additional features: switch for manual operation; double muting switch and pop filter; automatic idler disengagement; automatic shut-off after last record. Changer is supplied complete with two audio cables ready to be plugged into stereo system and styled in handsome two-tone ebony color scheme to fit any decor; tropicalized against adverse weather and humidity conditions. Size 12Wx13½"D, clearance 5" above and 2¾" below motor board. Shpg. wt., 25 lbs.

COLLARO TC-99 Stereo Changer (less cartridge and base).

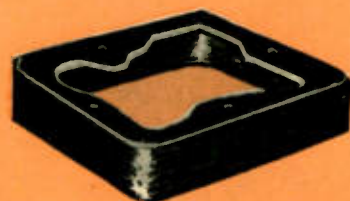
GR-10WX 5.00 Down Net 58.31



CONSTELLATION MODEL 4TR200



MODEL TP-59



LAFAYETTE WOOD BASE

MODEL 4TR200 TRANSCRIPTION TURNTABLE

A 4-speed transcription turntable designed for both stereo and monaural applications. Features a specially balanced 8½ lb. turntable. Micro-polished motor shaft with self-lubricating bearing. Flutter less than .04%. Wow less than .15%. The heavy duty 4-pole motor is dynamically balanced. Unique suspension system of motor from the unit plate reduces rumble to -50db. "Pop" filter provided. Functional switches are conveniently located for easy operation. Size 12½x12½". Shpg. wt., 25 lbs.

GR-43WX 2.00 Down Net 48.51
Walnut finished base for 4TR-200. Shpg. wt., 5 lbs.
PK-390W Net 14.21

MODEL TP-59 4-SPEED MANUAL PLAYER

An excellent 4-speed manual player for all stereo and monaural records. Automatic stop and start mechanism assures simple operation. Other Collaro features include: heavy steel rubber covered turntable, 9½" in diameter; heavy duty 4-pole induction motor, dynamically balanced; new 4-speed drive designed to give absolutely uniform turntable speed, light movement speed selector knob, self-neutralizing idler and pulley system for complete elimination of "bumps". Controls are attractively placed and the whole unit is beautifully styled. For 110-120 volts, 60 cycles AC. Size, 13½x12". Shpg. wt., 15 lbs.
GR-44W Less cartridge 2.00 Down Net 29.35

LAFAYETTE WOOD BASE AND BOARD FOR COLLARO UNITS

BASES

Wood bases finished in mahogany, blonde or walnut. Each base exactly cut to fit and mount each model. Walnut bases made with genuine walnut veneers. Shpg. wt., 5 lbs.

FOR ALL COLLARO CHANGERS

PK-374W Mahogany finish Net 3.85
PK-378W Blonde Finish Net 3.85
PK-376W Walnut finish Net 4.50

FOR COLLARO TP-59

PK-377W Mahogany finish Net 3.85
PK-378W Blond finish Net 3.85
PK-379W Walnut finish Net 4.50

BOARDS

Mounting boards unfinished for easy staining. Shpg. wt., 1 lb.
PK-386W For all Collaro changers Net 1.10
PK-387W For Collaro TP-59 Net 1.10

COLLARO ACCESSORIES

45 RPM automatic spindle for all Collaro changers. Shpg. wt., 8 oz.
PK-388 Net 3.23
5-pin empty head shell wired for stereo, for TSC740-840-TP-59. Shpg. wt., 6 oz.
PK-389 Net 1.71

FAMOUS STEREO CARTRIDGES IN COLLARO PLUG-IN HEADS



For models TSC-740 TSC-840 TC99 and TP59. Shpg. wt., 5 oz.

FREE! NO CHARGE FOR PLUG-IN SHELL NO CHARGE FOR INSTALLATION



COLLARO

Stock No.
PK-467
PK-488
PK-469
PK-470

With Cartridge
Audio Empire S-108
Pickering 380C
Shure M7D
Shure M3D

Net
34.50
29.85
23.52
44.10

FAMOUS HI-FI STEREO-MONAUURAL TURNTABLES

BOGEN-PRESTO VARIABLE SPEED Hi-Fi Stereo Turntables



B50-16LCS with new Audio Empire S108 (.7 MIL) Diamond Stereo Cartridge. Shpg. wt., 17 lbs.
GR-290W 5.00 Down Net 56.17

B61 with new Audio Empire S108 (.7 MIL) Diamond Stereo cartridge. Shpg. wt., 20 lbs.
GR-291W 5.00 Down Net 70.83



Model B50-16LCS

MODEL B50-16LCS—Factory equipped for stereo, this model will accept standard stereo and monaural cartridges. For discs up to 16" diameter. Continuously variable speed control from below 16 to 86 rpm, notched at 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 rpm. Heavy-duty 4 pole constant-velocity motor. Weighted balanced turntable of 11 $\frac{1}{2}$ " diameter, is fitted with a serrated rubber pad to minimize transfer of mechanical vibration. "Wow" less than 0.5%; negligible rumble. "Feather-Drop" action of pickup arm prevents damage to stylus or record. Adjustable stylus pressure. Supplied with vibration isolators. For 95-125 volts, 60 cps AC. Mounting space 15x11 $\frac{1}{2}$ x2 $\frac{3}{4}$ " above and 1 $\frac{1}{2}$ " below mounting board. Shpg. wt., 17 lbs.

B50-16LCS — With plug-in-head — less cartridge
GR-282W 2.00 Down Net 40.40
PB-5 Mahogany Wood base for B50 Turntable. Shpg. wt., 5 lbs.

GR-283W Net 4.80
H-2 Plug in Head-wired for stereo for B50 turntable.
GR-284 Net 2.75

MODEL B61 PHONO MECHANISM—completely wired for stereophonic and monaural high fidelity systems. Four pole, heavy duty, constant-velocity motor and non-ferrous 7 $\frac{1}{2}$ lbs. turntable providing no measurable hum or flutter. Four speeds, 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 rpm, continuously variable from 29 to 86 rpm. Professional style arm has plug-in head. Arm is raised and lowered by flip-switch and features micrometer-type, easy to read weight adjustment gauge. For 95-125 volts 60 cps AC. Shpg. wt., 20 lbs. with plug-in head, less cartridge.
GR-287WX 5.00 Down Net 59.95

Model B60 Phono Mechanism — Essentially the same as the B60, but with balanced 11 $\frac{1}{2}$ " rubber-padded turntable.
GR-286WX 2.00 Down Net 49.95

PB-6 Walnut Wood Bases for B60 and B61. Shpg. wt., 5 lbs.
GR-288W Net 5.25

H-4 Aluminum Head — Plug-in head for B60 and B61.
GR-289 Net 4.00

AUDIO EMPIRE TURNTABLE TRANSCRIPTION 3-SPEED EMPIRE 208



New from Audio Empire — a professional quality, precision-built turntable operating at 33 $\frac{1}{3}$, 45 and 78 rpm. Designed to provide outstanding performance with its dynamically balanced hysteresis synchronous motor. Features a handy push-button power control. Vibration-free belt drive held to micro-tolerances. Precision-machined heavy aluminum base plate and turntable. Acoustic isolation suspension for both motor and baseplate. Pop-up 45 rpm adapter spindle. Rumble and wow specifications surpass laboratory and broadcast requirements. Finished in chrome or satin gold. 110 volts, 60 cycle, AC. Size 14 $\frac{1}{2}$ x16 $\frac{1}{4}$ ". Requires 2-1/7" above 3 $\frac{1}{2}$ " below mounting board. Shpg. wt., 20 lbs.
GR-335WX Emoire 208 Chrome 5.00 Down Net 87.50
GR-339WX Emoire 208G Gold 5.00 Down Net 92.50

BASES FOR THE EMPIRE 208
GR-336W 208BW Walnut Net 12.50
GR-337W 208BB Mahogany Net 12.50
GR-338W 208BF Fruitwood Net 12.50

PICKERING "GYROPOISE 800"



Net 59.85
5.00 Down

Model "800"

A radically new idea in turntable design has completely eliminated the most serious problem in stereo record reproduction—vertical rumble. Instead of a vibration-producing vertical bearing, the GyroPoise revolves in a magnetic suspension—the turntable floats on a cushion of air. Flutter and wow are virtually eliminated by means of the "Inverted belt drive." The result is a noise level of 65 db below reference level. The fully synchronous motor has a total speed variation of only .2%. This turntable is designed specifically for 33 $\frac{1}{3}$ rpm microgroove records, up to 12" in diameter. It employs a built-in precision leveling adjustment with level indicator. A foam rubber turntable mat protects delicate record surfaces. For 110 volts, 60 cycle AC. Panel dimensions 13 $\frac{1}{2}$ x13 $\frac{1}{2}$ " height above panel 1 $\frac{1}{2}$ ", depth below panel 3". Shpg. wt., 11 lbs.
GR-310W 5.00 Down Net 59.85

Pickering 800-CB WOODBASE — For "800" Turntable. Specify mahogany, walnut or blonde. Shpg. wt., 5 lbs.
GR-311W Net 15.00

GRAY HSK-33 TURNTABLE KIT

Net 49.50
2.00 Down



A beautifully styled 33 $\frac{1}{3}$ RPM turntable kit easy to assemble for monophonic and stereophonic operation. Employs modern engineering techniques giving a transportation mechanism that is quiet running and free from disturbances. Features a hysteresis — synchronous motor with external rotor type construction for maximum rotational balance. Motor is dynamically balanced with shaft held to tolerance of $\pm .0001$ ". The single speed deviation does not exceed $\pm 0.3\%$. Combined wow and flutter does not exceed $\pm 0.2\%$. A driving belt of specially woven fabric is employed to provide optimum decoupling from the motor shaft to the turntable proper. The thickness of the belt is held to a tolerance of $\pm .001$ ". Parts are precision engineered and fit together easily. 15 $\frac{1}{2}$ x18". Space required above mounting plate is 2 $\frac{3}{4}$ " and below is 3". For 110-120 volts, 60 cycle AC. Shpg. wt., 14 lbs.
GR-302WX 2.00 Down Net 49.50

MODEL TBA FORMICA BASE. For HSK-33 kit. Specify Mahogany, Walnut, or Blonde. Shpg. wt., 15 lbs.
GR-303W Net 17.95

MODEL 33H — Single speed Professional Turntable with hysteresis-synchronous motor. 79.85
GR-300WX 5.00 Down

MODEL 33-C WOODBASE for 33-H. Specify Mahogany, Walnut or Blonde finish. Shpg. wt., 15 lbs.
GR-301W 2.00 Down Net 23.95

WEATHERS HI-FI TURNTABLES



NEW DUAL-SPEED ML-234 TURNTABLE

A new turntable design with two separate synchronous motors for smooth, constant speed regulation and vanishingly low rumble — no mechanical linkage; no belts, idlers or gears; no BIG, NOISY motors. Each synchronous motor couples directly to the turntable and a simple speed shift selects one and disengages the other. You select either 33 $\frac{1}{3}$ or 45 rpm and the ML-234 runs precisely at that speed. The drive motors have extremely lightweight rotating parts. Ideal turntable suspension system. Only four moving parts in the entire system, plus the speed-change bracket pivot. Rumble: —70 db; wow: 0.15%; flutter: 0.1%. For 70 to 130 volts, 60 cycle AC. Complete with walnut base. Size: 16 $\frac{1}{2}$ x15 $\frac{1}{2}$ x1 $\frac{3}{4}$ ". Shpg. wt., 14 lbs.
GR-324WX 5.00 Down Net 74.50

MODEL K-601 STEREOAMIC RECORD PLAYER

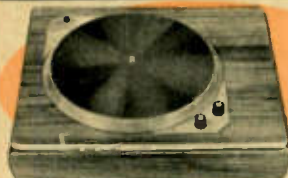


The Weathers K-601 is a complete stereo-mono record player designed to derive the maximum quality and longest possible life from the delicate grooves of stereo and conventional 33 $\frac{1}{3}$ rpm LP recordings. It tracks the most loudly recorded discs at the vanishingly low downward force of 2 grams. The K-601 record player consists of the StereoAmic cartridge, the viscous-damped Microcut tone arm, and the Synchronous Drive turntable with a Weathers Discushion. The player is fully assembled and totally shock-mounted on an attractive ebony-finished base, and connects directly to the magnetic phono input of any high-fidelity pre-amplifier. Complete instructions included. For 70-130 volts, 60 cycle AC. Shpg. wt., 14 lbs.
GR-323WX 5.00 Down Net 119.50

ML-1 TURNTABLES

MODEL ML-1-WB. 12-pole synchronous motor generates little vibration. 33 $\frac{1}{3}$ rpm single speed. Noise level 25 db lower than average. Mounted on 14 $\frac{1}{2}$ x15 $\frac{1}{2}$ " metal motor-board with total height of 2 $\frac{1}{2}$ ". Shpg. wt., 13 lbs.
GR-322W 5.00 Down Net 59.95
ML-1-LB. Same as above but without base.
GR-321W 2.00 Down Net 49.95

FAIRCHILD HI-FI TRANSCRIPTION TURNTABLES



NEW 440 2-SPEED TURNTABLE

A new high fidelity turntable from Fairchild Recording Equipment Corp. The Model 440 includes these quality features: 2-speed operation (33 $\frac{1}{3}$ and 45 rpm), single belt drive, a unique Speed Sentinel control that varies the turntable speed by $\pm 1\frac{1}{2}\%$ and the same highly styled and precision turntable platter used by the famous Model 412-1. Another unique feature is the entire assembly is supplied on a channel for easy mounting. Rotational speed is controlled from the top. A strobe disc is included to determine the correct speed. Speed change is made by pushing down, or pulling up, the speed change control knob. For 110 volts, 60 cycle, AC. 19x16x10". Requires 1 $\frac{1}{2}$ " clearance above turntable, 3 $\frac{1}{2}$ " below. Shpg. wt., 20 lbs.
GR-274WX 5.00 Down Net 69.95

MODEL 440CBW — Base for 440. Includes walnut mounting board; walnut wraparound. 19x16x8". Shpg. wt., 12 lbs.
GR-275W Net 19.95

412 SINGLE SPEED TURNTABLE



Model 412-1A Single Speed Turntable

MODEL 412-1A. Single speed, 33 $\frac{1}{3}$ rpm basic unit. Double belt drive and step-down idler eliminates slippage. Self-lubricating hysteresis synchronous motor, balanced 15 lb. turntable. Ball-thrust bearing in nylon seat. Main shaft micro-honed, runs in polished babbit. Speed accuracy $\pm 0.3\%$. Acoustically silent — exceeds NARTB specs by 3 to 1 margin. Requires mounting board 16" wide, cutout 13 $\frac{1}{2}$ x18"; 6" clearance below board. For 110-120 volts, 60 cps AC. Shpg. wt., 28 lbs. Less base and tone arm.
GR-270WX 5.00 Down Net 87.50

MODEL 412-2. Same as above, but for 33 $\frac{1}{3}$ and 45 rpm. Has built-in 45 rpm adapter.
GR-271WX 5.00 Down Net 107.50

412-BF — Base for models 412-1 and 412-2 turntables. Shock mounted. In oil finished walnut with white formica top for all 12" arms. 17 $\frac{3}{8}$ x14 $\frac{1}{2}$ x8 $\frac{1}{4}$ ". Shpg. wt., 6 lbs.
GR-273W Base 2.00 Down Net 23.95

Presenting the **LAFAYETTE PANASONIC**

INTEGRATED STEREO TRANSCRIPTION TONE ARM AND MOVING MAGNET CARTRIDGE WITH DIAMOND STYLUS



Only 2.00 Down

—BROADCAST QUALITY—

- Distortion Free From 20-16,000 cps.
- Flat Frequency Response 20-15,000 cps
- Feather Light Stylus Pressure — Individually Adjusted For 3-Grams

MEETS THE MOST CRITICAL STUDIO REQUIREMENTS. . . . The Lafayette Panasonic is a fantastically sensitive and precise instrument. Consider the requirements imposed upon an arm and cartridge by today's stereo records—since a single record groove carries both stereo channels, the cartridge must separate the two signals; a flat, hum-free response must be transmitted throughout the entire audible frequency spectrum; and most important, track and precisely trace the groove of a stereo record without the least trace of stiffness and with utmost compliance, in order to keep the stylus in contact with the groove under all conditions.

Lafayette has succeeded in producing an integrated transcription tone arm and cartridge compatible for both stereophonic and monophonic records that meets the most critical broadcast and recording requirements. Painsstaking laboratory and listening tests have proven the Lafayette Panasonic Tone Arm the equal of studio quality professional units many times its price.

Optimum stereo performance has been achieved by integrating the cartridge into the tone arm. This design produces a working relationship between tonearm and cartridge that is impossible in conventional units—integrated design provides exact alignment of the stylus in the record groove. In the Lafayette Panasonic, arm structure, balance and compliance have been precisely engineered to complement its superb stereo cartridge. Tone arm resonance has been minimized by use of a specially designed counter weight, sub weight and lateral damping mechanism. The arm counter balance is floated on a damped suspension bar, thus furnishing critical damping without hampering normal tone arm motion. A precision ball bearing pivot assembly assures an absolute minimum of lateral friction as the arm moves across the record, while vertical friction is practically eliminated by use of special nylon bearings. Overall height of arm may be adjusted from $1\frac{3}{4}$ to $2\frac{1}{2}$ " so that it may be utilized with any turntable.

Output Voltage 5 millivolts
 Channel Separation More than 25 db
 S/N Level Over 100 db
 Compliance 5×10^{-6} cm/dyn
 Suggested Load Impedance 50,000 ohms
 D.C. Resistance 420 ohms

- Hum Free — Entire Arm and Cartridge Case Shielded With Mu Metal
- Perfectly Balanced — Tracks Even at a 45° Angle
- Easy-To-Change Plug In Diamond Stylus Assembly
- Completely Compatible For Both Stereophonic and Monophonic Records

Forming an integral part of the tone arm the cartridge utilizes the "moving-magnet" principle with an extremely low stylus mass, resulting in amazingly realistic and accurate reproduction throughout the complete audio spectrum. Distortion-free Frequency Response is achieved from 20-16,000 cps; response is flat ± 2 db from 20-15,000 cps. Hum and noise are virtually non-existent—both cartridge coils and generating components are housed in a mu-metal shielded case. In addition, mu-metal shielding is also employed throughout the entire length of the arm, providing a signal to noise level of well over 100 db. Stylus replacement requires only a few seconds and may be accomplished without any special skill or tools. Its unique design assures correct positioning . . . simply pull out the old stylus and plug in the new assembly. Since the cartridge magnet forms the shank portion of the stylus assembly, replacing the stylus virtually constitutes a revitalization of the cartridge.

Each Lafayette Panasonic tone arm is individually balanced by hand at the factory to track at a featherlight stylus pressure of 3 grams . . . assures a minimum record and needle wear. The diamond stylus is capable of supplying up to 2,000 hours of playing time. Because of its ideal balance and tracking characteristics, turntable leveling is not critical—the Lafayette Panasonic will properly track records even if the turntable is set at angles in excess of 45°.

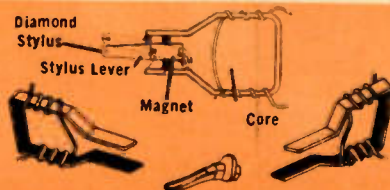
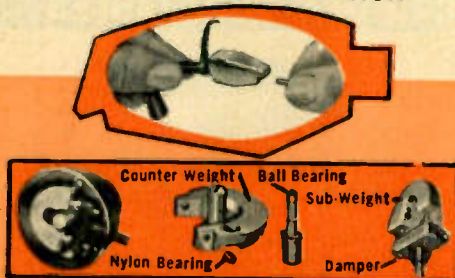
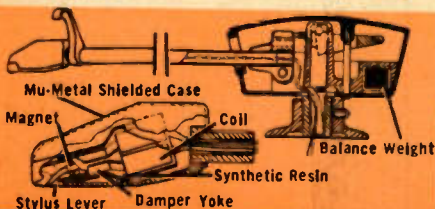
Complete with .7 mil diamond stylus, mounting instructions, stylus cleaning brush and all necessary hardware, including specially designed low loss shielded cable for optimum high frequency efficiency. Shpg. wt., 3 bs.

PK-448 Complete Moving Magnet .7 Mil Diamond Stylus Assembly for PK-448 Lafayette Panasonic Tone Arm. Shpg. wt., $\frac{1}{4}$ lb. Net 32.50

PK-452 Net 7.95

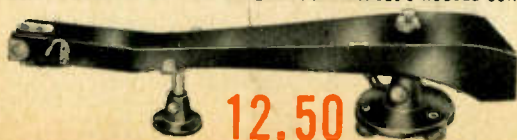
TECHNICAL INFORMATION

Tracking Force 3 grams
 Stylus 7 mil
 Frequency Response Distortion free: 20-16,000 cps
 Flut. ± 2 db 20-15,000 cps
 Overall Length 11 $\frac{1}{2}$ "



LAFAYETTE 12" VISCIOUS DAMPED STEREO TRANSCRIPTION TONE ARM

• ACCOMMODATES MOST STEREO-MONAUROAL HI-FI CARTRIDGES • RUGGED CONSTRUCTION



12.50

• JEWEL BEARING SUPPORT • AUTOMATIC FLUID CONTROL • PLUG-IN CARTRIDGE CHANGE

This Stereo/Monaural transcription arm assures dependable and stable operation, utilizing the floating-action principle of viscous-damping. The arm is supported at a single point by a pivot and jewel bearing having negligible friction. Damping is accomplished by a silicone fluid occupying the gap between a ball and socket. This damping control permits high compliance and negligible tracking error and prevents damage to either record or stylus should the tone arm be accidentally dropped. The tone arm accommodates virtually all Stereo or Monaural hi-fi cartridges by means of precisely engineered adapters which simplify installation and provide proper stylus pressure. Overall length is 12"; height adjustable from $\frac{3}{4}$ to $2\frac{3}{4}$ " above motorboard; round mounting base is 2 $\frac{3}{8}$ " in diameter. Shpg. wt., 2 $\frac{1}{2}$ lbs. PK-90S—12" VISCIOUS-DAMPED STEREO TONE ARM Net 12.50

FOR DETAILS OF LAFAYETTE'S EASY PAYMENT PLAN SEE PAGE 318



NEW! "BROADCAST QUALITY" 4-SPEED TRANSCRIPTION TURNTABLE and TONE ARM

STUDIO QUALITY PERFORMANCE In One Superb Instrument!

- 3 lb. Balanced 12" Aluminum Turntable • Rumble and Noise Better Than -50 db
- Speed Control Provides $\pm 7\%$ Variation of Each Speed • Wow & Flutter Below 2%
- Precision Lightweight 12" Aluminum Tone-Arm • Plug-In Shell For Popular Stereo Cartridges • Adjustable Counterbalance Weight • Perfect Tracking Even at 2 Grams
- Automatic On-Off Switch Built Into Tone Arm Rest • Perfect For Both Stereo and Monaural

Designed and Constructed To Meet The Most Precise Professional Standards — The Lafayette PK-449 combines on a single mounting plate a four-speed transcription turntable and tone arm . . . each unit precision engineered to complement the other.

Ideally suited for stereo, the turntable features an especially designed heavy duty 4 pole induction motor, free-floating and shock mounted to virtually eliminate vibration. The 3 lb. rim-weighted 12" aluminum table is constructed with a permanently lubricated oilite bronze bearing while the precision spindle turns on a single ball bearing. Speeds — 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 rpm are selected by means of a click-in shift lever ("off" positions between all speed positions). The oversize idler disengages in off positions. A speed control allows for $\pm 7\%$ variation of each speed. Noise and rumble are -50 db below average recorded level with wow and flutter less than 0.2%.

The 12" Transcription Tone Arm has been designed to track perfectly at the lowest stylus pressures recommended by cartridge manufacturers. Stylus force adjustment is easily accomplished by simply rotating the Knurled Knob at the rear of the arm. Use of ball bearing suspensions result in a high compliance lateral, vertical movement. A plug-in head is provided which accepts most of today's popular stereo cartridges. The unique arm-rest serves a double duty — simply lift the tone arm from the lock position to start the motor and replace to stop. Complete with stroboscopic disc, 45 rpm adapter, shielded hook up cables and AC line cord. The entire motor plate is spring suspended and measures 16 $\frac{1}{4}$ x12 $\frac{1}{2}$ " requires 4" below motor board. For 105-120 volts 60 cycles AC. Shpg. wt., 15 lbs.

PK-449WX 2.00 Down Net 49.50
 Extra plug in cartridge shell with necessary mounting hardware for PK-449. Shpg. wt., 1 lb.
 PK-499 Net 1.69



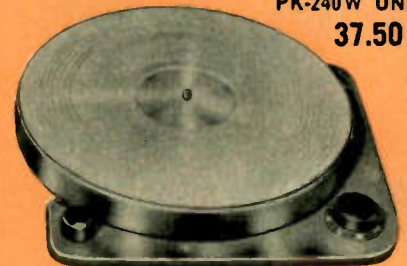
49.50
 Only 2.00 Down

LAFAYETTE 4-SPEED PROFESSIONAL TRANSCRIPTION PLAYER WITH 3 LB. 12" ALUMINUM TURNTABLE

• IDEALLY SUITED FOR STEREO! • BETTER THAN -50 DB RUMBLE & NOISE • VIBRATIONLESS MOTOR SUSPENSION • BELOW 0.2% WOW & FLUTTER • MAGNETIC EDDY-CURRENT BRAKE • 3 LB. 12" BALANCED & MACHINED ALUMINUM TURNTABLE • SPEED CONTROL FOR $\pm 7\%$ VARIATION OF EACH SPEED

An amazing low price for the superior quality of this fine instrument. Features include heavy, rim-weighted, 3 lb. machined-aluminum 12" turntable, magnetic brake with speed control for $\pm 7\%$ variation of each speed; the extremely low noise and rumble figure of -50 db below average recorded level; wow and flutter (speed variations) of less than 0.2%; new-type oversize precision-ground idler with special lubrication features; positive-locking detents on 4-speed single-knob speed selector; ("off" positions between all speed positions) free-floating shock-mounted motor; automatic idler disengagement in "off" positions; precision spindle turns on single ball bearing; heavy duty 4-pole induction motor. Heavy rubber turntable mat. For 105-120 volts, 60 cps AC; draws 0.13 amperes. Size of motor plate 11x10x1 $\frac{1}{2}$ "; requires 4" below motor board, 1 $\frac{1}{2}$ " above. Complete with stroboscopic disc, 45 rpm adapter, AC line cord. Shpg. wt., 14 lbs.

PK-240W 12" TRANSCRIPTION TURNTABLE 2.00 Down Net 37.50



PK-240W ONLY
37.50

FOR COMBINATION OFFER
 SEE TABLE AT LEFT

LAFAYETTE SPECIAL-VALUE COMBINATIONS

Comb. No.	Turntable	Tone Arm	Cartridge	Special Net
PK-479WX	PK-240	PK-90S	Pickering 380C	62.00
PK-480WX	PK-240	PK-90S	Audio Empire 108	65.50
PK-481WX	PK-240	PK-448 Integrated Transcription Tone Arm with Moving Magnet Cartridge.		56.00

Average shipping weight of these combinations is 16 lbs.

DELUXE WOOD BASES FOR TRANSCRIPTION TURNTABLES

• Finest Selected Hardwood Veneers • Choice of Five Cabinetmaker Finishes • Free-Floating Foam Rubber Mounted Motor Board • Individual Adjustable Feet For Accurate Leveling

Constructed of the finest hardwood veneers. All four sides are $\frac{3}{4}$ " thick with mitered corners and the top is $\frac{5}{8}$ ". Accommodates a turntable with a 12" or 16" arm. Available in mahogany, blonde, ebony, walnut and fruitwood (please specify). Size: 21 $\frac{1}{2}$ x16 $\frac{7}{8}$ x4 $\frac{3}{4}$ ". Shpg. wt., 15 lbs.

- Base and board cut for Lafayette PK-240 turntable. Net 14.95
 PK-266W
 Base and board cut for Lafayette PK-449 turntable. Net 14.95
 PK-477W
 Base and board uncut for mounting other makes of turntables. Net 14.95
 PK-267W

MOUNTING BOARDS FOR LAFAYETTE TURNTABLES

- Precut, unfinished, smoothly sanded mounting boards for Lafayette turntables. Ready for easy finishing. Size: 15 $\frac{7}{8}$ x20 $\frac{1}{2}$ x $\frac{3}{8}$ ". Shpg. wt., 3 lbs.
- PK-269W Cut for Lafayette PK-240 turntable Net 3.75
 PK-478W Cut for Lafayette PK-449 turntable Net 3.75

LAFAYETTE COMPLETE STEREO TRANSCRIPTION PLAYER

• 5-CONTACT PLUG IN HEAD FOR ALL STEREO CARTRIDGES • 4-SPEED, HEAVY DUTY 4-POLE TRANSCRIPTION TYPE INDUCTION MOTOR • MAGNETIC BRAKE FOR $\pm 7\%$ SPEED ADJUSTMENT • STYLUS WEIGHT ADJUSTMENT SCREW ON TONE ARM • RUMBLE AND NOISE -40 DB • LESS THAN 0.3% WOW

Here is a modestly priced complete hi-fi, compatible stereo pickup system, designed against obsolescence. This top quality manual player features a 5-contact plug in head to accommodate the latest stereo as well as monaural cartridges. The lightweight tone arm is an integral part of the mounting plate and requires no installation. Equally important in contributing to the excellent performance of this system in the new 4-speed turntable assembly. It is equipped with a quiet, heavy duty 4-pole motor, with an exclusive magnetic brake for instantaneous fine adjustment of each speed. Stroboscopic disc also included. Smooth operation is assured further by the 10" heavy turntable, fitted with rubber mat. Provision for easy adjustment of stylus pressure is available. Dimensions of mounting plate 12 $\frac{1}{4}$ " left to right, and 10 $\frac{3}{4}$ " front to rear. Requires 2 $\frac{3}{4}$ " below and 3" above motor board. For 105-120V, 60 cps. Accessories included are: 45 rpm adaptor, output cable to amplifier and plug in heads. Shpg. wt., 14 lbs.

- PK-160SW Complete stereo transcription player, less cartridge Net 26.95
 PK-438W Same as above, but with new GE Model VR-225 compatible stereo cartridge with diamond stylus Net 39.95
 PK-162W Wood base for above, finished in mahogany or blonde (Please Specify). Shpg. wt., 5 lbs. Net 3.95
 PK-163W Unfinished mounting board for above. Strong durable $\frac{3}{8}$ " gumwood. (Shpg. wt., 1 lb.) Net .95



PK-266W
14.95



PK-160SW
26.95 (LESS BASE)

2.00 Down

SAVE MORE WITH LAFAYETTE'S OWN HIGH FIDELITY EQUIPMENT

REK-O-KUT TRANSCRIPTION TURNTABLES

12" SINGLE SPEED RONDINES



MODEL N-33H—A precision 33 1/3 rpm, 12" turntable featuring a custom-built hysteresis synchronous motor of the latest design, that is also self-lubricating. The N-33H is driven by an endless belt of specially woven fabric with thickness held to ± .001". The table maintains a constant speed and has a special winding to reduce coasting. Adjustable belt tension permits optimum adjustment for least noise. The turntable is constructed of solid lathe-turned cast aluminum that is tapered for easy record handling. Permanently attached, built-in strobe disc permits an immediate, accurate check of the turntable speed. The 15 7/8x15" aluminum chassis deck is finished in decorator grey and two-tone aluminum. The noise level is 53 db below average recording level. The turntable includes a ribbed rubber mat to insure maximum traction. Turntable requires 4" clearance below chassis deck. Minimum dimensions for cabinet installation, using the Rek-O-Kut S-120 arm, is 17 1/4x16 3/8". 110-120V, 60 cycle AC. Shpg. wt., 20 lbs.

GR-240WX 5.00 Down **Net 69.95**

MODEL K-33H TURNTABLE KIT

A new belt driven 33 1/3 rpm turntable in single kit form—takes approximately 30 minutes or less to assemble with simple tools. Has a high efficiency hysteresis synchronous motor. Uses a crown-spindle belt drive with adjustable tension to prevent noise transfer from motor. Noise level is 52db below average recording level. Turntable disc is solid aluminum-lathe turned and tapered for easy disc handling. Built-in strobe disc; ribbed rubber turntable mat. Minimum dimensions for cabinet installation, using Rek-O-Kut S-120 arm: 17 3/8x16 3/8". Height above deck—3"; Height below—4". Finished in silver-tone aluminum. For 110-120 volts, 60 cycles AC. Shpg. wt., 18 lbs.

GR-241WX 2.00 Down **Net 49.95**

GR-242WX Same as above, but for 110-120 volts, 50 cycle AC. 5.00 Down **Net 59.95**

MODEL K-33, Similar to K-33H kit above, but has heavy-duty 4-pole induction motor. Noise level: 47 db below average. Requires 5" below deck. Finished in decorator gray and two-tone aluminum. For 110-120 volts, 60 cycle AC.

GR-243WX 2.00 Down **Net 39.95**

MODEL K-33, As above but for 110-120 volts, 50 cycle AC.

GR-244WX 2.00 Down **Net 47.45**

12" 2-SPEED RONDINES

MODEL L-34, 2-speed, 33 1/3 and 45 rpm 12" turntable, designed to professional quality for high fidelity use in the home as well as commercial radio stations. Noise level 40 db below average recording level for minimum rumble. Wow ± 0.25%. Special, constant speed 4-pole induction motor. The lathe-turned cast aluminum turntable is internally rim-driven and has been lab tested for perfect balance. Permanently affixed strobe disc allows instantaneous checking of both speeds. Built-in, retractable 45-rpm hub. Single knob, slide speed selector with "off" position between the 2 speeds. Heavy-gauge steel chassis deck finished in silver-tone aluminum. Size 15x12", requires 5" clearance below deck and 1 3/4" above. For 110-120 volts, 60 cycle AC. Shpg. wt., 15 lbs.

GR-246WX 5.00 Down **Net 59.95**

MODEL L-37, Same as above except for 33 1/3 and 78 rpm.

GR-247WX 5.00 Down **Net 59.95**

12" 3-SPEED RONDINES



MODEL B-12GH, Professional quality 3-speed 12" turntable using superior craftsmanship throughout. Noise level 53 db below average. 33 1/3, 45 and 78 rpm speed positions with 2 "off" selections—single selector knob. Idler is disengaged in "off" position. Newly designed hysteresis motor. Built-in retractable 45 rpm hub; built-in strobe disc. Pilot light acts as "on-off" indicator. Cross-ribbed cast aluminum chassis deck. Lathe-turned, solid cast aluminum turntable tapered for easy record handling. 17 1/4x16"; requires 1 1/2" above deck, 6 1/2" below.

GR-249WX Shpg. wt., 20 lbs. 5.00 Down **Net 99.95**

MODEL B-12H, Same as above but with custom-built, self-lubricating hysteresis-synchronous motor.

GR-248WX 5.00 Down **Net 139.95**

MODEL B-12, Similar to B-12H but with custom, 4-pole induction motor, Noise level—50db.

GR-250WX 5.00 Down **Net 84.95**

UNIVERSAL BASES and ACCESSORIES

Stock No.	Model For	Description	NET
GR-251W	BW ALL MODELS	Solid Walnut	19.95
GR-252W	BU ALL MODELS	Unfinished	10.95
MOTOR BOARDS			
GR-253W	MB-2 C-12; B-12H; B-12GH	Solid Walnut	3.95
GR-254W	ML-3 L-34 and L-37	White Lacquer	8.50
GR-255W	MK-3 K-33 and K-33H	White Lacquer	7.95
GR-256W	MK-1 K-33 and K-33H	Unfinished	4.95
ROLL OUT PLATFORM			
GR-257W	ROP-12 ALL MODELS	Stained Plywd.	7.95
16" EXTENSION FOR 16" TONEARMS			
GR-258W	X-16 ALL MODELS		6.95



16 1/2x16 1/2x5". Shpg. wt., 9 lbs.

THORENS SWISS CRAFTED PLAYERS - One Year Guarantee

TOK-101 TURNTABLE KIT

A precision-crafted transcription turntable in kit form—can be assembled in 30 minutes with simple tools. Same basic drive as on the more expensive TD units, but single speed, 33 1/3 rpm. Adjustable speed and built-in strobe disc. Low wow, rumble and flutter. For 110-120 volts, 60 cycle AC. Shpg. wt., 13 lbs.

GR-108W 2.00 Down **Net 47.50**



TD-104 DIAL-O-MATIC TURNTABLE

A 4-speed turntable with integral arm. Precision-machined, adjustable speed drive. One dialing motion selects 7, 10 or 12" record size, starts table, and arm gently lowers into lead-in groove. Turntable floats on nylon-seated ball-thrust bearing for minimum wow, rumble and flutter. Automatic shut-off; reject-pause control; complete manual operation if desired; 2-gram arm tracking; plug-in adapter for all standard stereo or monaural cartridges. Line cord and two shielded audio cables. Sizes 15Wx12"D.; 2 1/2" below panel, 3" above. 100-250V, 50 or 60 cycle AC. Shpg. wt., 25 lbs.

GR-106WX 5.00 Down **Net 75.00**

MODEL TD-134, Same as above, no automatic features.

GR-107WX 5.00 Down **Net 59.95**



TD-124 TRANSCRIPTION TURNTABLE

Engineered to meet the most critical broadcast standards. Incorporates all newest features: 4-speed, each speed adjustable • Built-in stroboscope complete with neon bulb • 11 1/2 lb. cast-iron and aluminum turntable • 4 precision-machined levelling knobs and built-in spirit level • Cueing clutch • Single control knob • Low wow, flutter, rumble • New-design induction type roto-isolated drive motor • 15 1/2x12 1/2"; depth 2 3/4" • Shpg. wt., 32 lbs.

GR-105WX 5.00 Down **Net 79.75**



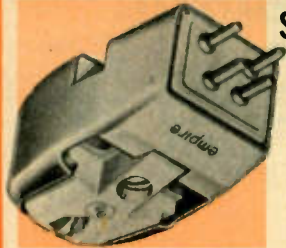
THORENS ACCESSORIES

Bases are sturdy wooden units attractively finished in Walnut, Mahogany, and Blond. Mounting boards are unfinished. Specify finish on bases.

BASES				MOUNTING BOARDS		
FOR MODEL	STOCK No.	SHPG. WT.	NET	STOCK No.	SHPG. WT.	NET
TD-124	GR-109W	6 lbs.	9.00	GR-112W	4 lbs.	4.50
TD-134/184	GR-110W	4 lbs.	6.00	GR-113W	4 lbs.	4.50
TOK-101	GR-111W	6 lbs.	9.00	GR-114W	4 lbs.	4.50
GR-115	12" Arm Support for TD-124—Walnut, Mahogany, Blond and Black.	Shpg. wt., 1 lb.				Net 3.00
GR-116	16" Arm Support—Same as above for 16" Arms.	Shpg. wt., 1 lb.				Net 3.75

LATEST COMPATIBLE STEREO CARTRIDGES AND ARMS AUDIO EMPIRE HI-FI CARTRIDGES AND TONE ARMS

NEW! THE OUTSTANDING AUDIO EMPIRE 108 STEREO/BALANCE CARTRIDGE



★ The Finest Reproduction
for Stereo and Monaural LP

- Moving Magnet Principle
- Response 15-30,000 cps ± 2 db.

A high quality, high performance stereo cartridge for superb stereo and monaural LP reproduction. This cartridge truly fulfills the meaning of the word "compatible" with its outstanding monaural reproduction. Stereo performance with the Empire 108 is something to be heard. Excellent tonal quality is highlighted by: stereo/balance, channel separation, tracking efficiency and freedom from hum pick-up. Frequency response 15-30,000 cps ± 2 db; Output voltage — 8 millivolts per channel, balanced to within ± 1 db; Channel separation in excess of 25 db; Compliance — 6x10⁻⁸ cm/dyne; Tracking force — 1.5-5 grams. 4 terminal output. This cartridge receives wide acclaim amongst serious Hi-Fi and Stereo enthusiasts. Shpg. wt., 7 oz. GD-315 Model 108 with .7 mil diamond stylus 2.00 Down Net 34.50
GD-316 Type 108-7RD Replacement .7 mil diamond stylus Net 17.50

AUDIO EMPIRE S-88 STEREO-MONO CARTRIDGE

Designed for minimum record wear and for long stylus life, this cartridge will add many listening hours to your records. Maintains full channel separation. SPECIFICATIONS: Frequency response — 20-20,000 cps, ± 2 db; Channel Separation greater than 20 db; 5 millivolts output per channel; Compliance 5x10⁻⁸ cm/dyne. Tracking force 2-5 grams. A mu-metal magnetic shield along with the 4 pole hum balanced construction eliminates hum pickup. Shpg. wt., 7 oz. GD-317 Model 88 with .7 mil diamond stylus Net 24.50
GD-318 Type 88-7RD Replacement .7 mil diamond stylus Net 7.50



AUDIO EMPIRE 98 STEREO/BALANCE TRANSCRIPTION ARMS

This new transcription arm achieves complete dynamic balance. By eliminating uneven stylus pressure on either wall — the finest stereo reproduction is attained. Features precision ball bearings for both lateral and vertical motions, and an accurate stylus pressure adjustment. Interchangeable cartridge shell set for all standard 4-terminal cartridges and has a push out cap for GE cartridges. Tracking pressure 0-8 grams. Hum-free construction. Shpg. wt., 3 lbs. Model 98 for up to 12" records. Model 98P up to 16" records. GD-319 Model 98 Satin Chrome Finish 2.00 Down Net 34.50
GD-320 Model 98 Satin Gold Finish 2.00 Down Net 34.50
GD-321 Model 98P Satin Chrome Finish 2.00 Down Net 44.50
GD-322 Model 98P Satin Gold Finish 2.00 Down Net 44.50
GD-323 Type 98RS Extra Shell Chrome Net 6.50
GD-324 Type 98RS Extra Shell Gold Net 6.50



SHURE STEREO DYNETIC CARTRIDGES AND TONE ARMS



M3D PROFESSIONAL STEREO CARTRIDGE
A premium cartridge. Completely compatible, it plays both stereo and monaural discs. The cartridge features low distortion, high output, minimum hum pickup and no magnetic attraction plus the following specifications: Response, 20 to 15,000 cps. Channel separation, more than 20 db. Compliance, 4.0 x 10⁻⁶ cm/dyne. Tracking force, 3 to 6 gm. Fits all 4-lead and 3-lead cartridge holders. With 0.7 mil diamond stylus, easily replaceable. GD-272 Model M3D—Shpg. wt., 5 oz. 2.00 Down Net 44.10
GD-279 Type N3D Replacement Diamond Stylus Assembly 2.00 Down Net 22.05



M7D CUSTOM STEREO CARTRIDGE
A new moving magnet stereo cartridge with .7 mil diamond stylus. Frequency response: 20 to 15,000 cps. Channel separation: More than 20 db at 1000 cps. Output at 100 cps. Vertical and lateral compliance: 3.5 x 10⁻⁶ cm/dyne. Recommended load impedance is 47,000 ohms. Tracking force: 4 to 7 grams. Tracks perfectly in all record changer arms. Has 4 terminals; adaptable to 3 terminal arms. Shpg. wt., 5 oz. 2.00 Down Net 23.52
GD-273 SHURE M7D Stereo stylus assembly for M7D, including .7 mil diamond. Net 11.76
GD-275 SHURE N7D



M8D STANDARD STEREO CARTRIDGE
A high quality, low cost phono cartridge with .7 mil diamond stylus. Designed primarily for use in record changers. Frequency response of 30-15,000 cps with 20 db channel separation at 1,000 cps. Output voltage 5 mv at 1 KC. Recommended load impedance 47,000 ohms. Tracking force 5-8 grams. Compliance 3.0x10⁻⁶ cm/dyne. Has 4 terminals, can be adapted to 3 terminal arms. Shpg. wt., 5 oz. Net 16.17
GD-280 Shure M8D Net 16.17
GD-281 Shure N8D Replacement .7 mil diamond stylus Net 8.08

SHURE PROFESSIONAL TONE ARM

A new premium quality tone arm that ACCEPTS PRACTICALLY ALL CARTRIDGES and permits them to operate at their maximum potential performance. Features precision ball bearings at all pivot joints, plug in head with positive alignment lock and variable height adjustment. Positive visual control over balance without altering overall arm length. Tracking force 0-8 grams. Comes with arm rest, mounting template mounting hardware. Shpg. wt., 2 lbs. GD-282 Shure M232 For 12" Records 2.00 Down Net 29.35
GD-283 Shure M236 For 16" Records 2.00 Down Net 31.31
GD-284 Shure A23H Extra Plug in head Net 2.35



SHURE STEREO DYNETIC TONE ARM AND CARTRIDGE

An integrated tone arm and cartridge which tracks at an incredibly light 1½-2½ grams. Dynetic principle permits off-setting the stylus to provide proper tracking angle. Provides critical damping without impeding normal motion of the arm. Uses a fully compatible stereo cartridge with .007" diamond stylus. Frequency response: 20-20,000 cps ± 2½ db; Channel separation over 20 db; Sensitivity 4.5 mv per channel; Overall length of arm 14¾"; stylus tip to center of base: 11". Range of height-adjustment 1¾". Shpg. wt., 1½ lbs. GD-278 M216 Tone arm and M21 Cartridge (for records up to 16") Net 87.71
GD-277 M212 Tone arm and M21 Cartridge (for records up to 12") Net 87.71
GD-274 M21 Cartridge with .007" Diamond Stylus Net 48.51
GD-276 N21 Repl. stylus for M21, M216, M212 .007 Diamond tip Net 24.25
GD-270 A29R—Adapter Plate for M212 with Rek-D-Kut Turntable Net 2.35
GD-271 A30C Stereo assembly to connect M212 or M216 to amplifier Net 1.91



PICKERING-STANTON HI-FI COMPONENTS

NEW! PICKERING MODEL 380 STEREO FLUXVALVE CARTRIDGE

- FAMOUS "FLUXVALVE" ENGINEERING • WIDE RANGE FREQUENCY RESPONSE • MINIMUM INTER-CHANNEL CROSSTALK • LOW TRACKING FORCE AND DISTORTION



Traditional Pickering quality of design assures the finest performance. Miniature design, fits all record changers and tone arms. Hermetically sealed and fully encapsulated in precious mu-metal for a lifetime of trouble-free and hum-free performance. Response flat from 20 to 20,000 cycles. Channel separation of 25 db. Output: 2 mv/cm/sec channel. Four output terminals. Recommended tracking force is 2-5 grams for tone arms, and 3-7 grams for changers. .7 mil diamond stylus, with the exclusive

"V-Guard" easily replaceable stylus assembly. Shpg. wt., 5 oz. GD-213 Model 380-A. For tone arms 2.00 Down Net 34.50
GD-214 Model 380-C. For changers 2.00 Down Net 29.85
Replacement .7 mil diamond for 380-A. Net 19.65
GD-219 Model D3807-A Net 15.00
Replacement .7 mil diamond for 380-C. Net 15.00
GD-220 Model D3807-C



PICKERING "90" STEREO CARTRIDGE

A magnetic stereo pickup for automatic record changers or manual players. Has "T-Guard" stylus for simple replacement. Features Push-pull circuit, magnetic type hum blocking coils. Frequency response 30-15,000 cps. Output 8 millivolts per channel. Channel separation 20 db. Tracking force 4 to 6 grams. Comes complete with stylus, installation instructions, and mounting hardware. Shpg. wt., 1 lb. GD-224 Stereo "90" Net 16.50
GD-225 Model D9007 Replacement .7 mil diamond stylus Net 9.90

PICKERING MARK II STANTON STEREO FLUXVALVE CARTRIDGE

Of truly miniature design. Performs equally well with all micro-groove records, monaural and stereo. Uniform response over the entire audio range. .7 mil diamond stylus mounted in "T-Guard" stylus assembly. Tracking force 2-5 grams for tone arms and 3-7 grams for changers. MK11 Stanton Stereo Fluxvalve Cartridge for tone arms and turntables. Shpg. wt., 3 oz. GD-211—Mark IIA—For turntable arms 2.00 Down Net 26.40
GD-212—Mark IIC—For record changers 2.00 Down Net 24.00
GD-217—Type D3707A—.7 mil diamond replacement for IIA Net 14.40
GD-218—Type D3707C—.7 mil diamond replacement for IIC Net 12.00



MODEL 198 UNIPOISE ARM AND CARTRIDGE

An integrated arm and cartridge employing a friction-free pivot bearing. Practical size permits simple installation. An arm rest with soft sable brush keeps the stylus tip free of dust at all times. Frequency response 20-15,000 cps, ± 2 db. Output — 15 millivolts per channel. Channel separation — 35 db. Tracking force 2-5 grams. Comes complete with stylus, installation instructions and mounting hardware. Shpg. wt., 3 lbs. GD-226 Model 198 5.00 Down Net 54.00



PICKERING STYLII

3500 Series "T-Guard" Styl. For simple slide-in replacement in 350 series and 370 series cartridges and the 194 pickup arms. Shpg. wt., 3 oz.

Stock				Stock			
No.	Model	Stylus	Net	No.	Model	Stylus	Net
GD-221	S-3510	1 mil Sap.	6.00	GD-215	D-3510	1 mil Dia.	18.00
GD-222	S-3527	2.7 mil Sap.	6.00	GD-216	D-3527	2.7 mil Dia.	18.00
				GD-223	D-35505	½ mil Dia.	18.00



HI-FI CARTRIDGES AND TONE ARMS



ELECTRO-VOICE "MAGNERAMIC 31" COMPATIBLE STEREO CARTRIDGE *ElectroVoice*

The all-new "Magneramic 31" replaces conventional magnetic cartridges directly. Features vertical and lateral compliance of 3.5. Response is ± 2 db, 20 to 20,000 cycles. Channel separation is 28 db at 1000 cycles. Output is 10 mv. Recommended load 22,000 to 47,000 ohms. 4 terminals. With .7 mil diamond stylus. For use with changer arms. 4-6 grams tracking force. Shpg. wt., 4 oz.

GD-53 Model 31MD-7 2.00 Down Net 23.52
GD-54 EV D-7 Repl. dia. stylus for above Net 9.70



31MD-7

REK-O-KUT STEREO TONE ARMS



S-120

S220

S-120 and S-160 ARMS

Features: heavy shell to reduce arm resonance; large, heavy counterweight easily adjusted for precise tracking force adjustment; 4-conductor lead, to accept any type of 3- or 4-contact cartridge. Interchangeable aluminum cartridge shell, tubular aluminum construction, adjustable height. Shpg. wt., 1 3/4 lbs.

GD-241 S-120 12" Stereo Arm 2.00 Down Net 24.95
GD-242 S-160 16" Stereo Arm 2.00 Down Net 27.95
GD-240 PS-20 Extra Stereo Shell Net 5.95

S220 and S260 ARMS

Has Microspine Balance Control, calibrated from 0.6 grams. Aluminum 4-wire plug-in shell. Gimbal includes 2 sets of ball bearing. Extremely smooth vertical and lateral motion. Counterweight is acoustically isolated. Shpg. wt., 2 lbs.

GD-245 S220-12" Stereo Arm 2.00 Down Net 29.95
GD-246 S260-16" Stereo Arm 2.00 Down Net 34.95
GD-247 PS-20L Extra Shell Net 5.95



212SX

RONETTE "STEREO 106"



GRAY COMPATIBLE STEREO TONE ARMS

Sealed dual viscous damping of vertical and horizontal pivots. Statically balanced. Accepts all standard stereo and monaural cartridges. 4 shielded leads provided. Stylus force adjustable from 0 to 15 gm. With package of accessory kit for converting this stereo arm for monaural use.

GD-175 Model 212SX 12" Arm Shpg. wt., 4 lbs. Net 34.00
GD-176 Model 216SX Same as above, but 16". Shpg. wt., 4 lbs. Net 36.50
GRAY TONE ARM KIT. Incorporates all engineering features of the 212SX, similar in appearance. Shpg. wt., 3 lbs. 2.00 Down Net 23.95
GD-177 Model SAK-12 2.00 Down Net 23.95

RONNETTE "STEREO 106" CRYSTAL TURNOVER CARTRIDGE

Here at last is a low cost stereo cartridge which has all features necessary for updating present monaural systems to stereo. Designed for superior reproduction of all stereo or monaural records, frequency response is 30-12,000 cps. Consists of 2 crystal elements which provide a high 1.5 volts per channel—needs no preamplification. 4 pin type. Tracking Force 4-6 grams. Complete with turnover mechanism, knob and dual sapphire styli to play records of all speeds. Fits all standard arms. Shpg. wt., 6 ozs.

D-451 RONNETTE "STEREO 106" List 9.00 Net 5.29



DYNACO CART

TA-12

SA-12

SM-1

DYNACO STEREDYNE UNITIZED ARM-CARTRIDGE

12" arm and cartridge of dramatic modern Danish design. For Stereo or LP Mono. Hardened steel bearings support the arm in a gyro-pivoted gimbal mounting. Adjustable counterbalance weight and spring tension for stylus pressure adjustment. Single hole mounting. Height adjustments. Magnetic stereo cartridge has flat response from 30 to 15,000 cps. Output is 7 mv per channel; Channel Separation 22db; tracing force 2-4 grams. Easily replaced .7 mil diamond stylus. Has complete freedom from hum pickup. Shpg. wt., 2 lbs.

GD-64 DYNACO TA-12 2.00 Down 49.95

STEREDYNE CARTRIDGE

Same as used in TA-12 but standard 1/2" mtg. for use in other arms. With diamond stylus.

GD-88 2.00 Down 29.95

FAIRCHILD SA-12 STEREO TRANSCRIPTION TONE ARM

Features minimum vertical mass, excellent pivot action, superior tracking ability and maximum torsional rigidity. Accepts all cartridges and plays up to 16" discs. Has built-in level, cue-ing device and micrometer pressure adjustment. Shpg. wt., 6 lbs.

GD-88 Model SA-12 2.00 Down Net 39.95

NEW FAIRCHILD SM-1 STEREO CARTRIDGE

Rotating magnet design with replaceable stylus (.7 mil diamond). Response is better than ± 2 db from 20 to 15,000 cycles. Separation better than 20 db over the greater part of the audio spectrum. Can be vertically or laterally damped. Output: 11 mv at 5 cm at 1 kc. Its nu metal case assures hum-free performance. Will track 30 cm/sec. at 3 grams. Sturdy construction. Load impedance: 47,000 ohms. Complete with a gram gauge. Free lifetime factory inspection. Shpg. wt., 4 oz.

GD-88 SM-1 2.00 Down Net 34.95
GD-87 SM-1SR Diamond stylus replacement for above, 2 oz. Net 15.00

Weather's ARMS AND CARTRIDGES

CERAMIC STEREO CARTRIDGE

Newly engineered ceramic stereo cartridge that approaches the performance of the famous Weathers FM cartridges. Completely compatible. Tracks with a low force of only 2 grams, thus lengthening record life immensely. Features 25 db separation between channels. Frequency response is flat from 15 to 30,000 cps with low distortion. Output, 0.25 volts at 7 cm/sec. Complete with 0.7 mil radius sapphire or diamond stylus, pickup leads and connectors. Fits all standard mountings. Shpg. wt., 4 oz.

GD-95 WEATHERS C-501D With diamond stylus Net 17.50
GD-96 WEATHERS C-501S With sapphire stylus Net 9.75



C-501D



MT-5

MT-5 TONE ARM

A newly designed viscous damped arm for use with transcription-type turntables. Perfectly balanced-accurate leveling of turntables is not necessary. Designed specifically for use with the StereoRamic cartridge. Tracking force adjustable from 1 to 8 grams. Overall length 13" and finished in ebony with gold trim. Complete with stereo leads. Recommended StereoRamic Cartridge has frequency response of 15 to 30,000 cps; separation 25 db, signal-to-noise ratio —60 db, output per channel 0.25 volts 7 cm/sec, stylus .7 mil diamond or sapphire. Shpg. wt., of arm 8 lbs.

GD-99 WEATHERS MT-5 Stereo Tone Arm, less cartridge Net 38.50
GD-97 WEATHERS MC-1-D Arm with StereoRamic diamond cartridge Net 59.95
GD-98 WEATHERS MC-1-5 Arm with StereoRamic sapphire cartridge Net 48.25



PS-11

PS-11 STEREO TONE ARM-CARTRIDGE SYSTEM

Professional pickup system with variable capacitor system and patented amplifier bridge circuit. Frequency response ± 1 db, 20-20,000 cps. Compliance 20 x 10⁻⁴ cm/dyne. Channel separation 40 to 35 db, 20-15,000 cps. Output—1 volt at 1,000 cps. Tracking force 3/4 to 1 gram. Hum and noise —60db at 7 cm/sec, 1000 cps. Moving mass .6mg. Arm 13" long. Polarizing supply 2 1/2 Hx 3Wx5 1/2" L. With 0.3 mil diamond stylus. Shpg. wt., 2 lbs.

GD-300 5.00 Down Net 129.50

ESL TONE ARMS AND CARTRIDGES



S-2000

C-100



NEW! S-2000 STEREO TONE ARM

Newly designed for all standard stereo cartridges, this arm employs new Gyro/Balance principle. Turntable levelling is unnecessary; the arm will play records at any angle up to 90°. Complete freedom of movement in both horizontal and vertical directions assures magnificent reproduction of stereo and monaural records. The arm will track properly at 2 gm when used with a high-quality cartridge. Complete with shell. Shpg. wt., 2 lbs.

GD-41 ESL MODEL S-2000 2.00 Down Net 34.95

GYRO/JEWEL STEREO CARTRIDGE

Employs 2 subminiature D'Arsonval movements to assure extremely linear response. Jewel coupling gem pivots, minimizes friction. Compliance, 5 x 10⁻⁴ cm/dyne. Channel separation, 20 to 25 db. Frequency response, 30-15,000, ± 3 db. Output impedance of 25 ohm at 1,000 cps. Tracking force is 2 to 4 gm. Provided with 3 output terminals. Output, 2 mv. Cartridge comes with 2 subminiature transformers and diamond stylus.

GD-39 ESL C-100 5.00 Down Net 100.00

GRADO ARMS AND CARTRIDGES

CUSTOM STEREO CARTRIDGE

Grado Custom Features wide linear frequency response of 10-24,000 cycles. Output 7 mv per channel. Because of its high compliance, a 3 gram tracking force is recommended when used in high quality tonearms. Input impedance can be of any value above 5,000 ohms. Channel separation in excess of 20 db. Designed for use in record changers as well as tonearms. Shpg. wt., 5 oz.

GD-161 Grado Custom Stereo Cart 2.00 Down Net 32.95

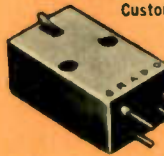


Custom

MASTER STEREO CARTRIDGE

Same as above, except output is 5 mv. Frequency response 10-30,000 cycles. Channel separation in excess of 25 db. Shpg. wt., 5 oz.

GD-162 Grado Master Stereo Cart 2.00 Down Net 49.50



Master

LABORATORY TONE ARM

Meets exacting requirements as a universal tone arm or integrated arm and cartridge. Tracking error $\pm .8^\circ$. Response ± 1 db 8-1000 cps. Vertical and lateral balance adjustment. Shpg. wt., 2 lbs.

GD-163 Arm without caprtidge 2.00 Down Net 39.50
GD-164 Arm with Custom cartridge 5.00 Down Net 69.50
GD-165 Arm with Master cartridge 5.00 Down Net 85.00



Lab Arm

MICRO-BALANCE 12" STEREO ARM

A new concept in tone arm design—the Grado Arm is constructed of the finest gunstock walnut wood, with metal fittings of finely machined anodized aluminum. Its one piece construction eliminates erratic arm resonances. Ultra linear micrometer tracking force adjustment in tenths of grams. Stylus force adjustment using only one knob. Shpg. wt., 25 oz.

GD-160 2.00 Down Net 29.95

HI-FI CARTRIDGES - STYLI - PREAMPS - PRESSURE GAUGES

GENERAL ELECTRIC HI-FI PHONO COMPONENTS



G.E. VR-22 STEREOGRAPHIC MAGNETIC VARIABLE RELUCTANCE HIGH FIDELITY CARTRIDGE

- FREQUENCY RESPONSE 20-17,000 cps
- UP TO 30 DB CHANNEL SEPARATION
- VIRTUALLY HUM-FREE
- HIGH COMPLIANCE

cm/dynes. Recommended load, each channel: 47,000 ohms. Recommended Tracking force: 5 to 7 gms. Shpg. wt., 6 oz.

GD-139 GE VR-227 Net 14.65

GD-140 GE VR-222 Repl. disc stylus for above Net 9.75

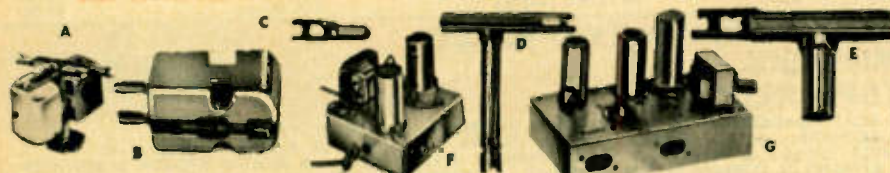
MODEL VR-225 with .5 mil diamond stylus. Designed for use with transcription arms and turntables. Essentially the same as VR-227 except frequency response 20-20,000 cps; lateral compliance 4x10⁻⁶ cm/dyne; recommended tracking force; 2 to 4 gms. Shpg. wt., 6 oz.

GD-138 GE VR-225 Net 16.61

GD-141 GE VR-221 Repl. diamond stylus Net 11.71

MODEL VR-227 with .7 mil diamond stylus. Absolutely the finest of all G.E. cartridges. This cartridge is made virtually hum-free by mu-metal shielding on top, entire front and coil assembly. Harmonic and intermodulation distortion are effectively minimized. Precise tracking and optimum compliance are assured by new stylus and armature suspension system. The stylus is easily changed. Output is closely balanced over entire frequency range. A ground strap allows use of this cartridge with either 3- or 4-wire stereo systems. SPECIFICATIONS: Frequency response: 20-17,000 cps. Output: 6 mv. per channel at stylus velocity of 5.5 cm/sec. Channel separation: up to 30 db. Lateral compliance 3x10⁻⁶ cm/dynes. Vertical compliance: 2x10⁻⁴

G.E. MONAURAL SERIES VR11 VARIABLE RELUCTANCE CARTRIDGES



GE REPLACEMENT STYLI FOR ALL MODELS "CLIP-IN-TIP" STYLI FOR VR11 SERIES (C)

Replacement for individual stylus tips on either "triple-play" or "single-play" models of the VR11 Series only — NOT FOR RPX TYPE A SERIES. Shpg. wt., 2 oz.

Stock No.	GE Type	Stylus	Net
GD-110	4G-01S	1 mil sapphire	1.96
GD-111	4G-02S*	2.5 mil sapphire	1.96
GD-112	4G-03S	3 mil sapphire	1.96
GD-107	4G-01D	1 mil diamond	9.75
GD-108	4G-02D*	2.5 mil diamond	9.75
GD-109	4G-03D	3 mil diamond	9.75

* For low impedance cartridge applications.

DUAL STYLUS ASSEMBLIES (D)

Convert old-style RPX-050, RPX-052, RPX-053, RPX-047 for use with "clip-in-tip" individually replaceable stylus. Complete with stylus as shown. Shpg. wt., 2 oz.

Stock No.	GE Type	Stylus	Net
GD-127	RPJ-010A	1 & 3 mil sapphire	3.50
GD-129	RPJ-012A	1 & 3 mil diamond	19.55
GD-130	RPJ-013A	1 mil diamond—3 mil sapphire	11.71
GD-126	RPJ-007A*	1 & 2.5 mil sapphire	3.50
GD-128	RPJ-011A*	1 & 2.5 mil diamond	19.55

* For low impedance cartridge applications.

"CLIP-IN-TIP" STYLI (C)

For RPX Type A (RPX-050A, —052A, —053A, —041A, —040A, —061A, —063A) and broadcast types RPX —145, —146, —147. Also used as replacements in the above Dual Stylus Assemblies — RPJ010A —012A, —013A, —007A, —011A. Old stylus tip slides out, new one slides in.

Stock No.	GE Type	Stylus	Net
GD-131	RPJ-01D	1 mil diamond	9.75
GD-132	RPJ-02D*	2.5 mil diamond	9.75
GD-133	RPJ-03D	3 mil diamond	9.75
GD-134	RPJ-01S	1 mil sapphire	1.96
GD-135	RPJ-02S*	2.5 mil sapphire	1.96
GD-136	RPJ-03S	3 mil sapphire	1.96

* For low impedance cartridge applications.

SINGLE STYLI (E) (NOT Clip-In-Tip)

For replacement in old-style single-stylus cartridges RPX-040, —041, —063, —061. Assemblies complete with 1 mil (.001"), 2.5 mil (.0025") or 3 mil (.003") stylus. These cartridges are not convertible to "clip-in-tips". Shpg. wt., 2 oz.

Stock No.	GE Type	Stylus	Net
GD-123	RPJ-004	1 mil diamond	10.29
GD-121	RPJ-002*	2.5 mil diamond	10.29
GD-122	RPJ-003	3 mil diamond	10.29
GD-124	RPJ-005	1 mil sapphire	2.06
GD-125	RPJ-006*	2.5 mil sapphire	2.06
GD-120	RPJ-001	3 mil sapphire	2.06

* For low impedance cartridge applications.

TRIPLE-PLAY SINGLE-PLAY

Will fit wherever old RPX cartridges were used. All require the use of a preamplifier. Frequency Response: 20-20,000 cps; Tracking Pressure — (with tone arms) 4 grams — (with record changers) 6-8 grams; Output — 22 millivolts nominal at 10 cm/sec. Mounting — either 1/2" standard or 3/4" terminals: Plug-in design. Independently replaceable Clip-In-Tip stylus. Mu-metal shielding and special anti-hum coils.

"TRIPLE-PLAY" CARTRIDGES (A)

Convenient dual-stylus variable reluctance cartridges — a twist of the knob brings either microgroove (LP or 45 rpm) or standard 78 rpm stylus into position. 1 mil (.001") stylus is for microgroove. 3 mil (.003") is for standard records. All models have individually replaceable, slide-in, "clip-in-tip" stylus. Shpg. wt., 6 oz.

Stock No.	GE Type	Stylus	Net
GD-102	4G-050	1 & 3 mil sapphire	9.75
GD-103	4G-052	1 mil diamond—3 mil sapphire	19.55
GD-104	4G-053	1 & 3 mil diamond	30.33

"SINGLE-PLAY" CARTRIDGES (B)

Single-stylus variable-reluctance cartridges with replaceable "clip-in-tip" sapphire or diamond stylus: 1 mil (.001") microgroove and 3 mil (.003") standard 78 rpm types. Shpg. wt., 6 oz.

Stock No.	GE Type	Stylus	Net
GD-100	4G-040	3 mil sapphire	7.35
GD-101	4G-041	1 mil sapphire	7.35
GD-106	4G-063	3 mil diamond	17.59
GD-105	4G-061	1 mil diamond	17.59

Replacement Parts Kit, for VR11 Series Triple Play cartridge. Includes, spring, washers, plastic knob. Wt., 2 oz.

GD-119 RKP-009B Net 29

GE MODEL MF-1 SELF-POWERED STEREO PREAMP (G)

Designed primarily to convert stereo systems using ceramic cartridges to magnetic cartridges. Selection of either tape or phono input for each channel by individual switching. Hum and noise better than —60 db; distortion less than 0.15%; channel separation better than 40 db; and low impedance output. Equalization — RIAA for disc and NARTB for tape. Response: ± 1.5 db of stated equalization characteristics. Sensitivity: Phono 4 mv for .6v output—tape 4 mv for .4v output; Gain: Over 40 db both inputs, with channels balanced to within 1.5 db. For 105-125V., 50-60 cycles. Size: 6 1/2 x 3 3/4 x 4". Shpg. wt., 4 lbs. G-332 2.00 Down Net 24.45

GE MONAURAL PREAMP (F)

UPX-003B — Self-powered preamp for use with GE or similar magnetic cartridges and low level mikes. Has 6S7 tube in equalizing circuit, plus rectifier. Input jack, mike-phonos switch, 14" output lead with phono plug, 18 db bass boost at 50 cps on "Phono". Flat on "Mike". For 117 volts, 60 cycles AC. 3 3/4 x 3 3/4 x 3 3/4". Complete with tube. Shpg. wt., 2 lbs. G-335 UPX-003B Net 11.71

NEW! LAFAYETTE PK-244 NEEDLE BALANCING GAUGE

- PERFECT FOR LIGHTWEIGHT ARMS
- LIFETIME ACCURACY



At last a precision needle balancing gage that will never lose its accuracy. The simplicity of its design eliminates springs, interacting levers and bars that frequently require adjustment. By placing the counterweight in the corresponding index holes it is possible to correctly calibrate the tracking weight of your tone arm.

PK-244 NEEDLE BALANCING GAUGE Net .89

LAFAYETTE SPECIAL VALUE



STYLUS PRESSURE GAUGE

With the advent of stereo records, correct stylus pressure becomes all important in obtaining the best reproduction and least stylus and record wear. Lafayette's stylus pressure gauge is an accurate device that allows you to read with the pickup in normal playing position. Range, 0-30 gm. No spring and minimum moving parts. Shpg. wt., 1 lb. PK-223 Net .99

CLARKSTAN NEEDLE FORCE GAUGE



Checks weight of pickup arm from one gram to 4 ounces. Has 2 scales, plus calibrated dial with 4:1 scale multiplier. Shpg. wt., 1 lb. PK-72 Net 1.76

WEATHERS STYLUS FORCE GAUGE



Provides a simple, accurate measurement of phonograph pickup force. All metal construction and it contains no spring. Shpg. wt., 1 lb. GR-325 WEATHERS P-675 Net 2.00

GARRARD PRESSURE GAUGE



- High Accuracy
- Modern Design
- Easily Read Scale

Here is a low-cost, attractive gauge for accurately measuring tracking force. Large circular scale is easily read through transparent plastic window. Gauge reads 0-12 grams, with 1/2 gram markings. Plastic scale pan will accommodate all pickup arms without damaging stylus. Scale pan is of swiveling balance type to insure sensitivity. Measures pressure at the stylus and at the actual record level. Easy to operate. Knob is set to desired pressure. Gauge is placed on table, supporting arm. Stylus pressure is then adjusted until red pointer lines up with setting line. Comes with 5 gram brass weight for checking calibration. GR-165 Garrard SPG3 Net 2.95

RCA CARTRIDGES



Genuine RCA exact replacement cartridges complete with indicated stylus. Shpg. wt., 12 oz.

Stock No.	RCA No.	Fig.	Speed	Stylus	Net
D-36	70338A	A	78 RPM	Sapp.	4.12
D-37	74067	B	45 RPM	Sapp.	2.62
D-38	75575	C	45 RPM	Sapp.	3.76
D-39	77779*	D	ALL	Sapp/Osm.	4.41

* Turnover dual needle.

RECTANGULAR CARTRIDGE



Webster Electric No. P2-1 spring mounted high output crystal cartridge. Has 2 mil osmium stylus to play all speeds. Output 5v on 78, 2 volts on LP. D-65 Webster Elec. No. P2-1 crystal cartridge. Shpg. wt., 9 oz. Net 2.91

HI-FI PHONOS — RECORDERS — PRERECORDED TAPE

LAFAYETTE'S FINEST PORTABLE PHONOGRAPH

Plays Both

STEREO and MONAURAL

- FULLY AUTOMATIC GARRARD CHANGER
- TWO POWERFUL 10 WATT AMPLIFIERS
- SECOND SPEAKER EASILY DETACHED
- 3 SPEAKERS

A complete portable and compact stereo phono in one convenient case. System uses the well-known Garrard RC-210 4-speed stereo changer which features true intermix of 12" and 10" records in any order with instant selection of either automatic or full manual operation. Uses a stereo turnover cartridge to play all your records—whether monaural or stereo. Two powerful 10 watt amplifiers provide a frequency response of 50 to 12,000 cps. Controls included: Master Volume; Remote speaker volume; Master treble; Master Bass. Detachable front speaker cabinet houses a 6" x 9" speaker with 9 ft. extension cord. Main unit houses two speakers—one 6" x 9" woofer and one 4" tweeter. Phono has easy-grip handle on attractive smart-looking Pyroxylin covered case. Size: 23" x 15½" x 9¼". Shpg. wt., 40 lbs. Available in choice of 2 attractive coverings.

PH-146WX Black Branch 5.00 Down 89.50
PH-147WX Luggage Tan 5.00 Down 89.50



ONLY
5.00 DOWN

19 Ft. Extension Cord

89.50

NEW! Lafayette TWO-SPEED Miniature PORTABLE TRANSISTOR TAPE RECORDER

- FULLY TRANSISTORIZED—5 TRANSISTORS—1 THERMISTOR
- MICROPHONE
- TWO SPEEDS—3½ IPS & 1½ IPS
- POWER SUPPLY
- PLAYS OVER 1 HOUR FROM 3" REEL OF TAPE
- OPERATES ON STANDARD "Z" CELL BATTERIES
- INCLUDES CARRYING CASE.
- RUGGED DYNAMIC
- INPUTS FOR REMOTE CONTROL & AC
- BUILT-IN SPEAKER & AMPLIFIER

The RK-120 CAN BE YOUR POCKET MEMORY—Carry anywhere, perfect for travel, conferences, sales meetings, club functions, field use, lectures, schools or party fun. Completely self-contained with built-in speaker and amplifier, the RK-120 measures a mere 7¼" x 5¼" x 2½" as small as the average book—fits easily into a briefcase or handbag with room to spare or carries like a camera in its own case.

Miniature in Size Only—This is a Full Function Tape Recorder, designed and constructed with the care and precision of a fine watch. 5 transistors plus 1 thermistor in combination with precision printed circuitry and quality PM speaker furnishes a level of performance that matches and even exceeds units three and four times its size and price. Operation is extremely easy, a single function lever provides for Rewind, Stop, Play and Record with a special safety record button to prevent accidental erasure. A visual indication of correct recording level and battery condition is shown by a built-in level meter. Engineered to perform under extreme field conditions the RK-120 employs a rugged, sensitive dynamic microphone with desk stand. (Most miniature tape recorders supply crystal microphones

which are affected by temperature and moisture changes.) Convenient volume control adjustment plus jacks for earphones, radio and microphone are readily accessible from front. Inputs are provided at the rear for AC power supply and remote control foot switch—ideal for transcribing dictation (both units are optional accessories).

The sturdy metal case has a snap-open top for fast, easy tape loading and features a calibrated plexiglass insert for viewing tape motion and estimating playing time. Speed changes of 1½ ips and 3½ ips are easily accomplished by a simple capstan adjustment. Precision heads (1 erase plus 1 record/playback head) are half track for maximum tape economy. The upper half track is recorded first and tape is then turned over to record on lower half . . . records and plays up to 68 minutes at 1½ ips; 34 minutes at 3½ ips. Powered by 6 standard penlight cells readily available anywhere. Supplied with dynamic microphone, crystal earphone, batteries, 3" reel of tape, empty reel, and attractive leather carrying case. Shpg. wt., 8 lbs.

RK-120WX 5.00 Down Net 79.95



INCLUDES CASE

Underside View

79.95 ONLY
5.00 DOWN

Book Size — Carry It Anywhere!

WEIGHS ONLY 4 LBS.

CHALLENGES COMPARISON WITH MINIATURE TAPE RECORDERS IN THE \$200 RANGE!



COMPLETE RANGE OF ACCESSORIES
AC ADAPTOR—Allows switching the RK-120 from battery operation to 115v, 60 cycle AC. Has on/off switch plus pilot light. Shpg. wt., 2½ lbs.
RK-123 Net 9.95



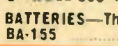
REMOTE CONTROL FOOT SWITCH—Starts and stops RK-120 instantly. Ideal for dictation. Shpg. wt., 1½ lbs.
RK-122 Net 4.75



TELEPHONE PICK-UP COIL—For recording telephone conversations.
RK-121 Shpg. wt., 1 lb. Net 2.95



PATCH CORD—Allows recording from radio, TV, phono, speaker.
RK-124 Shpg. wt., ½ lb. Net .85



3" REEL 300 Ft. ½ Mil Mylar Tape. Shpg. wt., ½ lb. RT-20 Net .69



BATTERIES—The RK-120 requires 6 standard "Z" cells. Shpg. wt., 4 oz. BA-155 Net ea. .13

RCA VICTOR 4-TRACK STEREO HI-FI TAPES

SAVE 38% OFF LIST — 7.95 LIST—NET 4.93 — 8.95 LIST—NET 5.55 — 12.95 LIST—NET 8.03

RCA NO.	DESCRIPTION
FTP-1003	Ames Brothers: The Ames Brothers Sing The Best in the Country; Hugo Winterhalter Orch. Hello Amigos; Juan Esquivel Orch.
FTP-1016	Chet Atkins: Chet Atkins' Teensville
FTP-1017	Mister Guitar—I Know That You Know.
FTP-1002	My Lord What A Mornin'—The Belfonte Folk Singers, Bob Corman
FTP-1014	Bob and Ray: Bob and Ray On A Platter
FTP-1005	Frankie Carle, Piano and Orch.; Show Stoppers in Dance Time.
FTP-1022	Rosemary Clooney: A Touch of Tabasco, Perez Prado Orch.
FTP-1000	Perry Como; Como Swings, Mitchell Ayres Orch.
FTP-1021	Swingin' West; Marty Gold Orch., Music from TV Westerns.
FTP-1004	Lena Horne, Lennie Hayton Orch.
FTP-1019	Gilbert & Sullivan Songbook, Ralph Hunter Choir.
FTP-1006	The Mancini Touch, Henry Mancini Orch.

FTP-1015	Music From "Mr. Lucky" from TV Sound Track.
FTP-1007	Vive La Difference, Marjorie Meinart at the Lowery Organ.
FTP-1020	The Music of Sigmund Romberg, Melachrino Orch.
FTP-1013	Arthur Murray's Music For Dancing—Cha Cha, Arthur Murray TV Dance Orch.
FTP-1012	Arthur Murray's Music For Dancing—Fox Trot.
FTP-1010	Arthur Murray's Music For Dancing—Mambo, Rumba, Samba, Tango, Merengue.
FTP-1011	Arthur Murray's Music For Dancing.
FTP-1001	On Tour With The New Glenn Miller Orch. Ray McKinley Dir.
FTP-1024	Elvis Is Back; Elvis Presley With the Jordanaires.
FTP-1008	Della Reese, Della—And The Angels Sing.
FTP-1009	Music To Break Any Mood, Olick Shory's New Percussion Ensemble.
FTP-1018	Three Sons; Twilight Memories.

RCA NO.	DESCRIPTION
FTO-5000	Take Me Along—Original Cast Recording (Jackie Gleason, Walter Pidgeon)
FTO-5001	South Pacific (Rodgers-Hammerstein)—An Original Sound Track Recording of the Magna Theatre Corp.
FTO-5002	Greenwillow—An Original Cast Recording (Anthony Perkins)

SPECIFY STOCK NO. RM-12 WITH RCA NO. WHEN ORDERING ANY OF ABOVE. List 8.95 Net ea. 5.55

6000 Series Approximately 1800 ft. Shpg. wt., 1 lb.

RCA NO.	DESCRIPTION
FTO-6000	Belafonte At Carnegie Hall, Harry Belafonte (Complete Concert)

SPECIFY STOCK NO. RM-13 WITH RCA NO. WHEN ORDERING ANY OF ABOVE. List 12.95 Net ea. 8.03

PRERECORDED TAPES ARE NOT AVAILABLE UNDER THE LAFAYETTE EASY-PAY PLAN

Award-Winning LAFAYETTE TAPE RECORDERS

LAFAYETTE *Scoops*

THE TAPE RECORDER INDUSTRY
NEVER BEFORE SUCH EXCEPTIONAL QUALITY AND VALUE!

Completely Portable—Carry it Anywhere! Two Speeds— $3\frac{3}{4}$ or $7\frac{1}{2}$ " Per Second. Uses Standard 5" Reel. Frequency Response 60-8,500 C.P.S.

LAFAYETTE LEADS THE AUDIO WORLD WITH THIS FANTASTIC TAPE RECORDER BUY. Indeed we can honestly say there has never been a tape recorder value that compares to this remarkable instrument . . . Perfect for home, school or office. At home, the RK-400 proves ideal for parties or recording your favorite musical performance. Use it at school for lectures, notes or voice training. In the office its small size lends itself ideally for dictation or sales presentations. Handy fool-proof operation has been provided by a single rugged function control (reverse, stop, play and record) and separate on/off volume control. Speeds are adjustable from $3\frac{3}{4}$ " to $7\frac{1}{2}$ " per second by a simple capstan adjustment. At $3\frac{3}{4}$ lps the RK-400 provides up to one hour of recording time on a standard 600 ft. 5" reel of tape. Special 5" heavy duty permanent magnet speaker furnishes an exceptionally fine tonal quality. Record level indicator light facilitates recording by showing you when volume control is correctly set. Jacks are provided for microphone, phono and extension speaker (special alligator clip cord is supplied). Complete with sensitive crystal microphone. Finished in attractive scuff resistant pyroxylin material. Dimensions: $11\frac{1}{4} \times 9\frac{7}{8} \times 7\frac{1}{8}$ ". For 110 volts 50-60 cycles. Shpg. wt., 20 lbs. RK-400 2.00 Down Net 49.50



49.50

Only 2.00 Down!



New! LAFAYETTE RK-103 DUAL SPEED TAPE RECORDER

CHECK THESE FEATURES

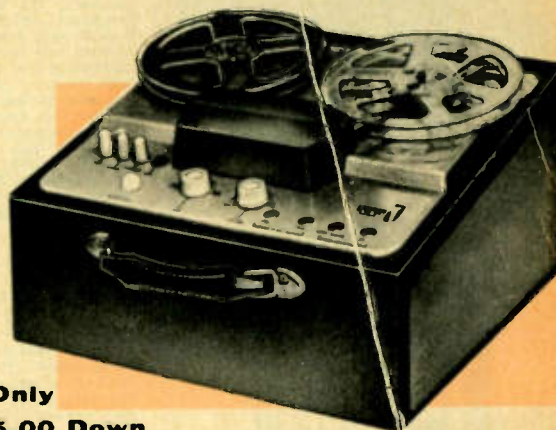
- ✓ PUSH-BUTTON CONTROLS
- ✓ DUAL SPEED— $7\frac{1}{2}$ & $3\frac{3}{4}$ " PER SECOND
- ✓ TWIN SPEAKERS
- ✓ TAPE INDEX COUNTER
- ✓ SIGNAL TO NOISE RATIO BETTER THAN 40 db
- ✓ WOW AND FLUTTER LESS THAN 0.35%
- ✓ DUAL TRACK
- ✓ RESPONSE 50-13,000 cps
- ✓ POWERFUL 5 WATT AMPLIFIER

One of the finest tape recorder values Lafayette has ever offered. A perfect instrument for the entire family . . . fine for home, school or office. At home the RK-103 is ideal for parties or recording your favorite musical performances. Use it at school for lectures, notes or voice training. In the office the RK-103 is excellent for sales presentations or dictation.

Handy, fool proof operation has been accomplished by utilizing rugged push-button controls for play, record, rewind, forward and stop. Automatic interlocked switching makes it impossible to accidentally erase, spill or break tape. Dual speeds— $7\frac{1}{2}$ and $3\frac{3}{4}$ lps are incorporated along with dual track facilities, thus providing great versatility with tape economy. Tape-index counter allows precise pinpointing of any portion of tape. Record level indicator light facilitates recording by showing you when volume control is correctly set. Fast forward and rewind—120" in 80 seconds. Accepts 7" reel size. Twin matched speakers (one on each side of recorder) coupled with an excellent 5-watt amplifier provide amazing tonal quality from 50 to 13,000 cps dispersing sound over a 360° area. Provision for connecting to external speaker and external amplifier. Input jack for recording from your Radio-Phono or T.V. Attractively finished in black and white scuff-resistant pyroxylin material. Complete with microphone, 600 ft. of tape and extra reel. Dimensions are $14\frac{1}{2} \times 12 \times 10$ " D. Shpg. wt., 33 $\frac{3}{4}$ lbs. For 115 volts 60 cycles AC. RK-103WX 5.00 Down Net 99.50

PAGE-SETTING
QUALITY AT

99.50



Only
5.00 Down

SAVE WITH LAFAYETTE'S OWN TAPE RECORDERS

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SELECTED PROFESSIONAL-QUALITY TAPE RECORDERS

AMPEX

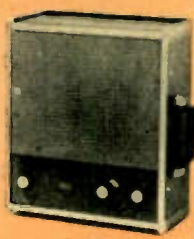


970

MODEL 970 STEREO MONITORING RECORDER

A new portable stereo tape recorder featuring a self-contained, matched pair of amplifier speakers for stereo playback monitoring. Enables one to make a stereo recording and monitor results right on the spot. Monitoring facilities assure full and proper control of recording level, acoustic balance, and microphone placement. Saves many hours that ordinarily would be used for remaking poor tapes. Compactness and portability make it the ideal unit for business and pleasure. Fully effective center-to-center distance is achieved between the two enclosed stereo speakers by employing unique, highly efficient sound directing panels. These panels provide full directional control of the sound, enabling optimum placement for monitoring in any acoustical environment. In keeping with AMPEX's high quality engineering, the 970 has separate record preamps and playback preamps as well as separate magnetic heads for each specific function of record, playback, and erase. A jack is provided for insertion of a high quality, wide range stereo headset for private monitoring. Convenient output circuits and jacks from the preamp sections, enable the unit to be utilized with external speakers, or with any high fidelity system such as a tape deck only. Insertion of an external unit disconnects the duplicate function in the 970. Plays back 2 or 4 track Stereo and monophonic. Records 2 track stereo and monophonic. Capable of sound-on-sound and echo chamber effects.

SPECIFICATIONS: RECORDING INPUTS: High impedance for radio, TV, phono, microphone, and auxiliary; with separate record level controls for each input. Has self-contained audio mixer. **PLAYBACK OUTPUTS:** Approximately 0.75 volts rms from cathode follower when using tapes recorded to maximum normal recording level; **PLAYBACK FREQUENCY RESPONSE:** 30-20,000 cps at 7 1/2 ips, 30-15,000 at 3 3/4 ips, within ± 2 db. of 50-15,000 cps at 7 1/2 ips and 50-10,000 cps at 3 3/4 ips; **FLUTTER AND WOW** under 0.2% rms at 7 1/2 ips; **MONITOR AMPLIFIER/SPEAKERS** — Dual Channel 2 stage amplifiers, utilizing negative feedback for low distortion drive of 2-7" oval speakers; **OUTPUT:** In excess of 5 watts/channel; **SIZE:** 25 1/2 long x 15 deep x 9" high. Shpg. wt., 46 lbs. For 110-120 volts 60 cps AC. **RK-298WX** 10.00 Down Net 595.00



2010



960

MODEL 960 "CAPRICE" STEREO HI-FI RECORDER

This dual-speed tape unit features two track record and erase heads and a universal playback head which selects two or four track playback. Due to the use of separate record and playback heads and since both function during the record mode, the user can monitor the signal a fraction of a second after it is recorded to insure top quality tapes. A safety-interlocked record button protects against accidental erasure of important tapes. A sensitive D'Arsonval type, jeweled movement meter enables the user to establish the proper level for recording. Operates at 7 1/2 and 3 3/4 ips accommodating 7" reels. Frequency response: 30-20,000 cps at 7 1/2 ips. Flutter and wow under 0.2% rms at 7 1/2 ips; under 0.25% rms at 3 3/4 ips. Size: 9 high 17 1/2 wide, 15" deep. Less playback power amplifiers and speakers (see model 2010); less mikes. For 110-120 volts, 60 cps. AC. Shpg. wt., 38 lbs. **RK-290WX** 10.00 Down Net 495.00

MODEL 2010 AMPLIFIERS-SPEAKERS

Consists of an integrated acoustic and electronic assembly to provide greater coverage of the audio spectrum with distortion at a minimum. 10 watt linear amplifier and a specially designed 8" sound projector in an enclosure. Hum 80db below full input; Harmonic distortion less than 0.5%; Input sensitivity 0.18 volt to develop rated power; frequency response $\pm 1/2$ db 20-20,000 cps. Two units are required for playback of stereophonic recording with model 960 recorder. For 110-120 volts, 60 cps. AC. Shpg. wt., 35 lbs. **RK-291WX** 5.00 Down Net 199.50

MODEL 2560 complete system consisting of 1-model 960 recorder and 2-model 2010 Speaker/Amplifiers. **RK-292WX** 10.00 Down Net 849.50

MODEL 952 Unmounted Stereo Recorder (Deck Only). **RK-293WX** 10.00 Down Net 449.50



2010



601

601 SERIES BROADCAST-QUALITY RECORDERS

MODEL 672 2 TRACK PORTABLE STEREO RECORDER

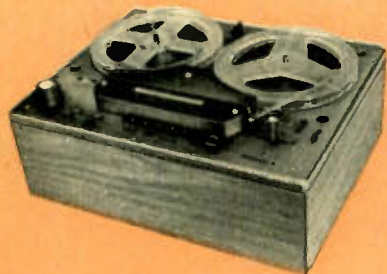
The model 672 offers a new high level of perfection in professional stereophonic recording and reproduction, and makes it available in its most compact, portable form. Intended for application in broadcasting, courtroom, conference use, and other places where high quality stereophonic reproduction is a must. A particular advantage is in making 2 channel recordings for monaural playback. Utilizes a specially engineered bias supply common to both channels, insuring positive protection from "birdies" and peaks-and-valleys in output levels. Features: Separate record and playback amplifiers; Direct reading meter for record and playback levels; separate record, erase, and playback heads; low impedance output; plug-in low impedance microphone transformer; Tape speed 7 1/2 ips; Frequency response 30-15,000 cps; S/N ratio—50db; Flutter and wow below 0.17%. For 117 volts, 60 cps AC. Size (including case) 8x13x27 1/2". Shpg. wt., 42 lbs. **RK-295WX** 10.00 Down Net 995.00

MODEL 620 AMPLIFIER-SPEAKER

High quality amplifier-speaker in a compact portable case. Frequency response $\pm 1/2$ db 20 to 20,000 cps with 10 watt output. Specially designed 8" speaker to utilize a high degree of bass and treble boost. Input impedance 20,000 ohms. Controls: Volume control, bass-treble control; power switch and on-off indicator light. Complete in attractive cabinet housing speaker and amplifier. Portable for use with 672 recorder (two required) 13x16x8". Shpg. wt., 24 lbs. **RK-299WX** 5.00 Down Net 189.50

MODEL 654 MONAURAL PORTABLE RECORDER

A superbly engineered, compact monaural recorder for professional use. The 654 features excellent fidelity, precise timing, easy operation, and dependable service. Tape speed 7 1/2 ips. Separate mixing controls for Microphone Record and Line Record, monitored by professional meter. Separate heads for record, erase, and playback. Full track head. Size 8x13 3/4x16 1/2" with attractive carrying case. For 117 volts, 60 cps. AC. Shpg. wt., 28 lbs. **RK-297WX** 10.00 Down Net 595.00



TANDBERG SERIES 6 STEREO TAPE DECK

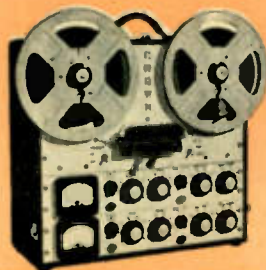
A quality stereo tape deck featuring 3 speed recording (7 1/2, 3 3/4, and 1 1/2 ips.) and four track record, erase and playback. The ideal unit for Language Laboratories, Broadcast, and Professional Studio tape recording and reproducing. Four built in pre-amplifiers, two for recording and two for playback. Five push-buttons, four controlling the pre-amps and one for start-stop of the tape, make for easy operation. Direct monitoring of tape possible. Utilizes printed circuitry for reliability and low maintenance costs, d.c. heating of all tubes, and precision components. **SPECIFICATIONS: INPUTS** — 2 microphones, 2 High Level, and 2 Low Level; Frequency Response — 30-20,000 cps at 7 1/2 ips, 30-15,000 cps at 3 3/4 ips; and 50-7000 cps at 1 1/2 ips. **NOISE LEVEL:** 57 db below maximum record level; **RECORD LEVEL INDICATORS:** Two sensitive electronic Beam Tubes, **WOW AND FLUT-**

TER: 0.1% RMS at 7 1/2 ips, 0.2% RMS at 3 3/4 ips, 0.25% RMS at 1 1/2 ips; **CROSS-TALK REJECTION** greater than 60 db. 11 Tubes plus 2 Selenium Rectifiers. Lightweight compact, and handsomely styled. For 110-125-145-200-220-245 volts, 60 cps AC. 16 long, 12 wide, 6" high. Shpg. wt., 30 lbs. **RK-365WX** 10.00 Down Net 498.00

MODEL TC-56 Luggage type carrying case for model 6. Shpg. wt., 7 lbs. **RK-366W** 2.00 Down Net 24.50

MODEL 22FP Foot pedal for model 6. Shpg. wt., 3 lbs. **RK-368** Net 18.00

MODEL CM-6 Crystal Microphone for model 6. Shpg. wt., 1 lb. **RK-367** Net 15.00



CROWN MODEL 714C 4 TRACK PROFESSIONAL TAPE RECORDER

• THREE SPEEDS 15, 7 1/2, 3 3/4 IPS • AUTOMATIC STOP • FOUR HIGH IMPEDANCE MICROPHONE INPUTS • ALL ALUMINUM CONSTRUCTION

A stereo recorder truly for professional application. Three speeds (15, 7 1/2, 3 3/4 ips). Records and plays 4 track stereo and 1/4 track monaural; plays 2 track stereo. Features: Forced air cooling; Patented differential magnetic braking; Automatic Stop, Acoustic controls, Standard rack mount, Satin anodized depth engraved panels; fast forward and reverse wind (1200 feet in 38 seconds); 99.5% timing accuracy. **FREQUENCY RESPONSE:** ± 2 db, 50-28,000 cps at 15 ips; ± 2 db, 30-17,000 cps at 7 1/2

ips; and ± 3 db, 30-9,000 cps at 3 3/4 ips. **FLUTTER AND WOW:** 0.06% at 15 ips, 0.09% at 7 1/2 ips, 0.18% at 3 3/4 ips. **SATURATION NOISE RATIO**—67db (15 ips), 64db (7 1/2 ips), 61 db (3 3/4 ips). Size 17x17 1/2x7 1/2". For 117 volts, 60 cps AC. Shpg. wt., 46 lbs. **RK-316WX** 10.00 Down Net 730.00

MODEL X CARRYING CASE FOR 714C 19x17 1/2x7 1/2". Shpg. wt., 12 lbs. **RK-317** 5.00 Down Net 59.00

MODEL HA HUB ADAPTER FOR NAB hub (10 1/2" reel) Shpg. wt., 1 lb. **RK-315** Net 10.00



STEREO AND MONOPHONIC TAPE EQUIPMENT

NEW! VIKING "STEREO-COMPACT" TAPE DECK



- Two Tape Speeds—7½ or 3¾
- Separate Capstan Drive & Takeup, Fast Forward Motors
- Frequency Response—30-17,000 cps @ 7½ ips, 40-15,000 cps @ 3¾ ips.
- Half Track on Quarter Track Operation
- Individual VU Recording Level Meters
- Sound on Sound (cross channel) Recording
- Digital Tape Counter
- Cueing Facilities

A precision instrument that will complement the finest of music systems. The famous Viking 85 tape deck is integrated into a single compact unit with separate RA-72 recording preamplifiers, each containing individual VU recording level meters for each channel. Behind-the-panel connectors are provided for high level inputs plus music system and monitor outputs for permanent connection into your existing high-fidelity component system. Two separate motors are employed—the tape drive motor utilizes a special "flutter-filter" drive (resilient belt and heavy capstan fly wheel) providing a minimum of wow and flutter—less than 0.2% rms. Signal-to-Noise Ratio is 55db or better. The second motor furnishes fast forward and rewind speeds—1200 ft. reel rewind time is 80 seconds, forward time 50 seconds. Accepts standard 7" reel size. Additional features provided are: digital tape counter, cueing facilities, front-panel speed selector switch (3¾ ips and 7½ ips), interlocked coaxial controls, sound on sound (cross-channel) recording facilities and individual level controls with separate microphone (record) and tape head (playback) facilities. Overall Dimensions are 13"W x 13"H x 9½"D including knobs. Requires only a single 12½" square cut out for mounting. For 110 volts, *60 cycle operation. Shpg. wt., 29 lbs.

"STEREO-COMPACT" ESQ: Records, erases and plays back ½ track stereo and monaural plus ¼ & ½ track stereo playback.

RK-244WX Anodized Aluminum Finish 10.00 Down Net 297.50

RK-458WX Gold Finish 10.00 Down Net 297.50

"STEREO-COMPACT" RMQ: Records erases and plays back ¼ track stereo and monaural plus ¼ & ½ track stereo playback.

RK-242WX Anodized Aluminum Finish 10.00 Down Net 297.50

RK-459WX Gold Finish 10.00 Down Net 299.50

* All units available for 50 cycle operation at an additional \$2.00. Specify stock no. and 50 cycle.



VIKING ACCESSORIES

MODEL W3SX FURNITURE CABINET—Designed for table or shelf mounting "85" Series decks with RP62 record/playback preamplifier. Choice of walnut or fruitwood. Shpg. wt., 15½ lbs.

RK-235 W (Specify Finish) 2.00 Down Net 37.50

MODEL 0396 CASE—Portable case for 85 deck and 1 RP 62. Size 14½"H x 16"W x 10"D. Shpg. wt., 12¼ lbs.

RK-237 W 2.00 Down Net 24.50

MODEL 0397 CASE—Same as D396 but accepts 2 RP 62. Size 17½"H x 16"W x 10"D. Shpg. Wt., 14 lbs.

RK-238 W 2.00 Down Net 34.00

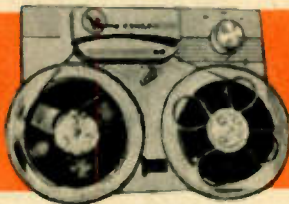
MODEL 400—Metal furniture type base for 85 decks. In tan or black. Shpg. wt., 6½ lbs.

RK-239 W (Specify finish) Net 14.00

MODEL 401—Amplifier enclosure matches model 400. Accepts one RP 62. In tan or black. Shpg. wt., 4¾ lbs.

RK-240 (Specify finish) Net 7.50

VIKING SERIES "85" TAPE DECKS



Finest Viking tape deck designed for the home. Two motors (separate motor for takeup, fast forward, and footage counter drive). Front panel speed change 3¾ and 7½ ips. Dual rotary tape motion controls; forward, stop and edit functions on inner knob; outer ring controls fast forward and rewind. Equipped with long-wearing, laminated heads, tapelifters, non-resonant pressure pads and automatic tape run-out switch. Universal head mounting bracket permits changing or adding to head complement. Flutter-filter capstan drive achieves less than 0.2% flutter at 7½ ips. Frequency Response ± 3db 30-16,000 cps. Signal-to-noise better than 55db. Distortion less than 1%. Complete with spare reel and molded real retainers. Dimensions: 13"W x 12"H x 9"D. For 110 volts 60 cycles* Shpg. wt., 12½ lbs.

Model 85R—½ track monaural erase and record/play. RK-225WX Anodized Aluminum Finish 5.00 Down Net 130.00

RK-450WX Gold Finish 5.00 Down Net 130.00

Model 85RQ—Incorporates ½-track monaural erase, record/playback and ¼-track stereo playback head arrangement.

RK-226WX Anodized Aluminum 5.00 Down Net 158.50

RK-451WX Gold Finish 10.00 Down Net 158.50

Model 85Q ¼ track heads provide for playback only of ¼ track monaural or stereo tapes and ½ track monaural or stereo tapes.

RK-245WX Anodized Aluminum Finish 5.00 Down Net 132.00

RK-456WX Gold Finish 10.00 Down Net 132.00

Model 85ES—½ track erase and record/playback heads for record and playback of ½ track monaural or stereo tapes.

RK-227WX Anodized Aluminum 5.00 Down Net 152.00

RK-452WX Gold Finish 5.00 Down Net 152.00

Model 85 ESQ—½ track and ¼ track monaural and stereo erase-record-playback head arrangement with ½ track erase.

RK-228WX Anodized Aluminum 5.00 Down Net 179.50

RK-453WX Gold Finish 5.00 Down Net 179.50

Model 85 RMQ—Same as 85 ESQ above, but with ¼ track record, playback and monitor, ½ track playback and ¼ track erase.

RK-243WX Anodized Aluminum 5.00 Down Net 179.50

RK-455WX Gold Finish 5.00 Down Net 179.50



VIKING RA-72 RECORDING AMPLIFIER

Serves for recording only and is designed for use with tape RQ, ESQ, RMQ or other three-head decks which permits use of a third head for playback. Ideally suited for use in conjunction with systems which include a stereo preamplifier equalized for tape playback (providing tape head input). Frequency Response is 30-12,000 cps ± 3db. Recording inputs provided for high impedance microphone, tape head input (for direct duplicating) and a radio or phono input. May be employed singly for monaural recording; two units provide for stereo recording. "Hot-spot" adjustments for erase and recording bias currents are easily accessible. Size 6½"W x 3½"H x 8¼"D. Shpg. wt., 6 lbs.

RK-241 Anodized Aluminum Finish 5.00 Down Net 57.50

RK-463 Gold Finish 5.00 Down Net 57.50

VIKING "STEREO-PRO" PORTABLE TAPE DECK



A high performance unit incorporating the Viking 85 tape deck and 2—RP62 recording and playback preamplifiers. An Ideal Stereo Recorder for portable use where professional performance is required. Unit has tape and reel storage compartments below amplifier, front-panel mounted high level inputs (2), microphone jacks (2) and output jack for monitoring and music system (2). All components are mounted in attractive carrying case of brown scuff resistant plastic with reinforced corners. Size 20¾"H x 13¾"W x 10¼"D. Shpg. wt., 37 lbs.

STEREO-PRO ES: ½ track erase, record/playback. RK-247WX Anodized Aluminum 10.00 Down Net 344.50

RK-461WX Gold Finish 10.00 Down Net 374.50

STEREO-PRO ESQ: ½ track erase and record; ¼ & ½ track playback.

RK-248WX Anodized Aluminum 10.00 Down Net 374.50

RK-461WX Gold Finish 10.00 Down Net 374.50

STEREO-PRO RMQ ¼ track erase and record; ¼ & ½ track playback.

RK-249WX Anodized Aluminum 10.00 Down Net 374.50

RK-462WX Gold Finish 10.00 Down Net 374.50

VIKING RP62 RECORD-PLAYBACK AMPLIFIER



Provides top recording and playback performance. Ideal for use with 2-head tape decks (85 R), if third head is connected directly to music system preamp. Two are required for stereo, and bias oscillators are easily synchronized for stereo recording. Incorporates high impedance microphone, tape head, and radio or phono recording inputs. NAB equalization. Frequency Response is 30-12,000 cps ± 3db. Bias frequency 70KC. Signal-to-noise ratio 55db with less than 2% distortion. Size: 13"W x 2¾"H x 7"D. Shpg. wt., 7½ lbs.

RK-229WX Anodized Aluminum Finish 5.00 Down Net 77.50

RK-454 WX Gold Finish 5.00 Down Net 77.50

MODEL RP62-3 Record-Playback Amplifier. Essentially the same as the RP62, except an additional head lead is provided for playback from third head used on 85ESQ and 85 RMQ. Eliminates need for changing heads to ¼ track head jacks on back of deck. Size: 13" W x 2¾" H x 7" D. Shpg. wt., 7½ lbs.

RK-246WX Anodized Aluminum Finish 5.00 Down Net 79.50

RK-457WX Gold Finish 5.00 Down Net 79.50

MODEL RP62VU Record/Playback Preamp.—Same as RP62, but with 4½" VU meter record and output level indicator. Supplied with standard 19" relay rack mounting panel only. 600 ohms audio output impedance. Adjustable erase and bias controls. Matches heads on Viking "85" Series and "95" Series transports.

RK-230WX Anodized Aluminum 5.00 Down Net 119.00

RK-464WX Gold Finish 5.00 Down Net 119.00

GOLD FINISHES AVAILABLE ON SPECIAL ORDER ONLY. DELIVERY 3-4 WEEKS.

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Wollensak

TAPE RECORDERS AT PRICES YOU CAN AFFORD

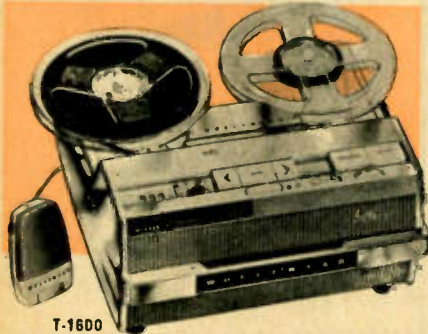
Lafayette

AWARD-WINNING TAPE RECORDER VALUES



T-1500
SPECIAL PRICE
149.50

Wollensak



T-1600

MODEL T-1500 HI-FI TAPE RECORDER

• 10 WATTS PUSH-PULL OUTPUT! • RESPONSE 40-15,000 CPS \pm 3 DB AT 7 1/2 IPS! • DISTORTION LESS THAN 0.8%! • WOW AND FLUTTER BELOW 0.3%! • SIMPLIFIED KEYBOARD CONTROLS! • WEIGHS ONLY 18 LBS!
A really precision portable high fidelity recorder made by a famous manufacturer of precision optics. This latest model T-1500 is made available, for the FIRST TIME AT THIS PRICE, BY LAFAYETTE! Dual speed (3.75 and 7.5 inches per second), dual track—provides up to 4 hrs. of record or playback time. Utilizes miniaturized components and all-metal airplane-type construction to achieve real portability—weighs only 18 lbs., measures 6 1/2"x10 1/4"x1 1/4". Takes reels up to 7". Additional features of this outstanding recorder include: signal-to-noise ratio 48 db; 2 special hum balance controls; "Balanced Tone" high fidelity; exclusive high speed rewind lever; 2-level recording indicator; precision index counter. Supplied complete with ceramic wide-range microphone, 1 reel of tape, 1 empty takeup reel, radio-tv attachment cord and hi-fi cable. For 110-120 volts, 60 cycles AC. Shpg. wt., 21 lbs. Also available in 50 cycle units; specify.
RK-405WX Reg. 199.50 5.00 Down SALE! Net 149.50

MODEL T-1515-4 FOUR TRACK STEREO HI-FI TAPE RECORDER

• Doubles Stereo Playing Time And Quadruples Monaural Playing Time Per Roll of Tape
OUR SPECIAL PRICE 178.50 5.00 DOWN
The Hi-Fi enthusiasts' dream in a compact portable tape recorder for true stereo performance. Has all the styling and superb features of the famous monaural T-1500, plus stereo head and built-in second preamplifier. Plays 2 and 4 track monaural and 2 and 4 track stereo. Records up to 4 separate monaural tracks on a single roll of tape. 6 1/2"x10 1/4"x1 1/4". Shpg. wt., 24 lbs.
RK-417WX Reg. 229.50 5.00 Down Net 178.50

MODEL T-1600 ELECTRONICALLY CONTROLLED RECORDER

Stops, rewinds, replays, turns off automatically. New BACK SPACE BAR provides instant and immediate replay of any part of the tape. Push-to-talk control on microphone permits operation from remote locations. Features: Frequency response—40-15,000 cps \pm 3 db. at 7 1/2 ips; 40-8000 cps \pm 3 db at 3 1/2 ips; Signal to Noise Ratio—48 db; Wow and Flutter less than 0.3%; Distortion less than 0.8%. "Balanced-Tone" (loudness control) emphasizes treble and bass and varies with loudness for more realistic hi-fidelity quality. 10 watt amplifier and Wollensak hi-compliance speaker built-in. With remote control, ceramic microphone, 2 reels, tape, and cords. Shpg. wt., 23 lbs.
RK-407WX Reg. 299.50 10.00 Down SALE! Net 237.50

MODEL T-1616 ELECTRONICALLY CONTROLLED STEREO RECORDER

Continuous automatic stereo operation for hours of musical enjoyment is one feature of this stereo counterpart of the T-1600. Plays 2 or 4-track stereo tapes. Records up to 4 separate monaural tracks, resulting in an up to 4 to one tape savings. Built in stereo preamp for lower channel can plug directly into the input of a hi-fi stereo system serving as a second speaker for increased stereo benefits. Specifications: Frequency response—30-20,000 cps \pm 3db at 7 1/2 ips; Wow and flutter less than 0.3%; Signal to Noise Ratio greater than 48db; Crosstalk down 50db. With remote control ceramic microphone, 2 reels, tape and cords. Shpg. wt., 26 lbs.
RK-408WX Reg. 329.50 10.00 Down Sale! Net 261.25

ACCESSORIES FOR WOLLENSAK TAPE RECORDERS



8-179-5



A-196-12



TE-401



TF-404



TSC-405

TSC-405—CARRYING CASE. Vinyl slip-over type. Fits all models. Shpg. wt., 2 lbs.
RK-410W Net 6.75
SK-707 STEREOGRAPHIC KIT (not illustrated) Converts Model T-1500 and T-1600 recorders to TWO TRACK IN-LINE Hi-Fidelity playback and monaural recording. Shpg. wt., 1 lb.
RK-409 2.00 Down Net 31.50
TF-404 MECHANICAL FOOT CONTROL. For T-1500 Series. Shpg. wt., 2 lbs.
RK-412 Net 15.75
A-196-2 MICROPHONE EXTENSION CORD (not illustrated) For T-1500 Series. Shpg. wt., 1 lb.
RK-414 Net 6.75

A-196-19 MICROPHONE EXTENSION CORD (not illustrated) For T-1600 Series. Shpg. wt., 1 lb.
RK-421 Net 6.75
A-196-12 ATTACHMENT CORD. Connects recorder to TV, radio or phono. For all models. Shpg. wt., 4 oz.
RK-416 Net 2.25
A-196-13 HI-FI CABLE (not illustrated). Connects recorder to HI-FI amplifier or AM-FM tuner. For all models. Shpg. wt., 4 oz.
RK-415 Net 1.80
A-196-15 STEREO PRE-AMP CABLE (not illustrated). Connects lower channels of recorder output to input of radio, TV or phono. For stereo models only. Shpg. wt., 8 oz.
RK-420 Net 2.70

B-179-5 MIXER. Three inputs—Permits mixing of any combination of 3 microphones, phonos, or radios. For all models. Shpg. wt., 2 lbs.
RK-418 Net 13.50
TE-401 EARPHONES. Low impedance with chin band. For all models. Shpg. wt., 8 oz.
RK-411 Net 9.45
A-187-10 CARD OF CONTACT TABS (not illustrated). For T-1600 series recorders. Shpg. wt., 8 oz.
RK-419 Net .90

LAFAYETTE TRANSCORDER

TRANSISTORIZED PROFESSIONAL POCKET TAPE RECORDER

• RECORD-PLAYBACK ANYWHERE FOR ONLY PENNIES PER HOUR! • FOR EXECUTIVES, SALESMEN, PROFESSIONALS, TRAVELERS, AND HOBBYISTS.



AMPLIFIER-SPEAKER

FOOT PEDAL

TRANSCORDER TELEPHONE MIKE

Weights only 3 pounds—size 8 1/2"x3 7/8"x1 1/8"—take it anywhere—in your briefcase or slung over your shoulder. As simple to operate as a camera—only 3 controls; ON-OFF-PLAY-RECORD—volume. Completely transistorized. Records and plays back for one full hour, 1 1/2 hour tape cartridges available. Tape speed 1 1/2" per second. Slip in a cartridge of recording tape and you're ready to record. Records and plays back with amazing fidelity, and sensitive microphone picks up conversation as far as 30 feet away! Manual rewind is fast (less than 2 minutes), simple, economical—and foolproof! No backlash. No battery drain. No tape breakage. The hi-fidelity Mylar tape is erasable and can

be used over and over again indefinitely. Recordings can be monitored while they are being made. Visual battery life indicator. Recording time indicator tells you at a glance the recording time remaining. Play back through microphone. Accommodates a transistorized power amplifier and a 2-inch speaker which fit into the battery compartment. Available as accessory, this unique feature makes the TRANSCORDER completely self-contained. Two-tone baked enamel finish. TRANSCORDER—complete with combination microphone—playback speaker—one-hour tape recording cartridge and 12-hour battery. Shpg. wt., 4 lbs.
RK-425WX List 279.50 5.00 down SALE! Net 174.50

ACCESSORIES

Transistorized power amplifier/speaker. Fits inside battery compartment. Shpg. wt., 8 oz.
RK-426 2.00 down Net 31.50
Leather carrying case with adjustable shoulder strap, and pouch for microphone and earphone. Shpg. wt., 1 lb.
RK-427 Net 13.25
Telephone mike—for recording two-way telephone conversations. Shpg. wt., 8 oz.
RK-428 Net 8.95
Shoulder holster for carrying TRANSCORDER under jacket or coat. Shpg. wt., 8 oz.
RK-429 Net 4.45

RK-430 Earphone Kit. Shpg. wt., 8 oz. Net 11.25
Transcribing control with foot pedal. Stops and starts TRANSCORDER during transcription. Shpg. wt., 3 lbs.
RK-431 2.00 down Net 35.50
Tape cartridge—one-hour recording time. Shpg. wt., 8 oz. Net 4.32
RK-432 Tape cartridge 1 1/2 hour recording time. Shpg. wt., 8 oz. Net 10.25
RK-433 Replacement Battery (Burgess 2x7 or equiv.) Shpg. wt., 8 oz. Net 12.15
8A-315 Net 1.82

Brief case with secret microphone for secret recordings. Shpg. wt., 2 lbs.
RK-435 2.00 Down Net 44.55
Wrist Watch Microphone for secret recordings. Shpg. wt., 8 oz.
RK-436 2.00 Down Net 40.05
POWER CONVERTER—Snaps into battery compartment for recorder operation on 110 volts AC house current. Complete with battery rejuvenator. Shpg. wt., 4 lbs.
RK-434 2.00 Down Net 30.15

STEREOPHONIC HI-FI QUALITY Tape Recorders

Norelco



NEW!

NORELCO CONTINENTAL '400' 4 TRACK STEREO RECORDER

The new "400" model stereo tape recorder, guild-crafted by Philips of the Netherlands, reflects professional quality at a modest price. It is a recorder that was designed to be used and listened to by the music-lover, studio-recordist, and high fidelity enthusiast. Four track stereophonic recording and playback with dual stacked heads plus 4 track monophonic operation. Three tape speeds: 7½, 3¾, and 1½ ips. FREQUENCY RESPONSE: 50-18,000 cps at 7½ ips, 50-14,000 cps at 3¾ ips, 50-7,000 cps at 1½ ips. Signal to-Noise ratio 55 db or better. Cross-talk 55 db down. Instantaneous locking device for pauses in recording or listening. Wow and flutter less than 0.3% at 3¾ ips. Dubbing facilities for producing sound-on-sound. Self-contained record and playback amplifiers including dual hi-fi preamps. SPECIAL CONTROLS: For recording—ganged mike volume, and ganged radio/phono volume. For playback—2 channel tone (individual concentric controls but friction ganged); ganged volume and ganged channel balance. INPUTS: One 2-channel input for stereo microphone; two 2-channel inputs for stereo tuners or phonos. OUTPUTS: For extension speakers (2); for external amplifiers (2); for stereo headphones (1). MIXING CONTROL for electronic mixing of phono and mike inputs. TUBES—2-EF86, 3-ECC83, 2-EL84, 1-6M84. For 117 volts, 60 cps. AC. Size: 18½x15½x11½". Shpg. wt., 55 lbs. RK-398WX List 399.50 10.00 Down Special Net 339.95

SUPERSCOPE



MODEL CS-300 STEREO RECORDER

A complete 4 and 2 track stereophonic tape recording and playback system with built-in stereo preamplifiers and stereo playback monitors. Recording and playback also for 2 and 4 track monophonic tapes. Two speeds 7½ & 3¾ ips. Two built in VU meters insure accurate playback and record levels for professional sounding tapes. INPUTS: Stereo or monophonic 4 and 2 track recording, from 2 or more microphones, AM/FM stereo tuners, stereo record players and tape players. Separate level controls for microphone and auxiliary inputs provide mixing facilities for sound-over-sound recordings. Low impedance outputs to match external pre-amp or power amplifier inputs. An Instant Stop Lever insures precise editing and cueing. Accidental erasure of important tape is prevented by a Safety Lock Recording Button. Bass compensation can be chosen from front panel. Specifications: Frequency response:—30-18,000 cps at 7½ ips; 30-13,000 cps at 3¾ ips. Signal to Noise Ratio 50 db or more per channel. Flutter and Wow—less than 0.15% at 7½ ips, less than 0.25% at 3¾ ips. Harmonic distortion less than 2% at 3 db below rated output. Tubes: 2-12AD7, 2-6AU6, 2-6AQ5, 1-12BH7, 1-6CA4. Size 17x14x8" high. For 117 volts 60 cps. AC. Includes carrying case with 2 built-in speakers and 2 F-7 dynamic microphones.

RK-280WX 10.00 Down Net 399.50
Model DK-300 Same as CS-300 but without carrying case, speakers, and microphones. Shpg. wt., 35 lbs.
RK-281WX 10.00 Down Net 349.50

WEBCOR



WEBCOR MODEL ED 2150 REGENT CORONET STEREO TAPE DECK

A new stereophonic, high fidelity tape deck for 2 and 4 track stereo recording plus monaural. Two built-in pre-amplifiers, one for each channel, with cathode follower output. Three tape speeds, 7½, 3¾ and 1½ ips. Frequency response — Normal voice frequency at 1½ ips. ± 2 db, 50-7,000 cps at 3¾ ips. ± 3 db, 40-14,000 cps at 7½ ips. Wow and flutter 0.2% at 7½ ips. Signal-to-Noise Ratio greater than 50 db per channel. SPECIAL FEATURES: ¼ track stereo record; ½ and ¼ track stereo playback; 4 pole, heavy duty, electronically balanced motor; Belt driven tape transport, editing and cueing key; Record safety lock; Automatic shut-off of amplifier and recorder mechanism; VU meter to indicate correct recording level for each channel; individual volume controls; "Dual Gang" Bass and Treble controls. INPUTS: 2 microphone, high-level input jack. OUTPUT: External amplifier (2 channels). Will take 3, 5, or 7 inch reels of tape. Numerical type tape counter enables desired locations on tapes to be found quickly. Angled steel mounting brackets allow unit to be operated in vertical or horizontal positions. 6 tubes plus a dual selenium rectifier. For 117 volts, 60 cps AC. Size 7½Hx15Wx15"D. Shpg. wt., 26 lbs. RK-373WX 10.00 Down Net 219.95

LAFAYETTE RK-109 4 and 2 TRACK STEREO TAPE RECORDER

Playback for 4 and 2 Track Stereo Plus Monaural Recording.

- Push Button Controls
- Twin Full Frequency Range Speakers
- Dual Speed—7½ and 3¾ ips.
- Response 70-13000 CPS
- Personal Preference Variable Tone Control
- 2 Powerful 5-Watt Amplifiers

Designed for life-like quality sound reproduction and outstanding operating performance. For playback of 4 and 2 track stereo plus monaural recording. Built-in dual amplifiers and 4x6" oval full frequency range speakers make the unit a self contained stereo reproduction center. Overall frequency response 70-13,000 cps with less than 2% distortion at normal listening levels. 5 Watt amplifiers (one for each channel) operate in parallel for monaural. A Personal Preference Variable Tone Control allows variation of dual amplifiers to suit individual taste. Push button controls for Record, Playback, Rewind, Forward and Stop are interlocked to prevent accidental erasures. Rewind, both forward and reverse, is accomplished in less than 80 seconds for a 7" reel of tape. A signal light recording level indicator assures simplicity in record monitoring. Two inputs—Low level for microphone, high level for radio, phono or TV. Four output jacks—Two for external speakers to either or both channels and two, for either channel, to input of an external amplifier. An automatic resettable program counter assures accurate indexing of recorded tapes. Tube complements; 2-12AX7 Preamps, 2-12AT7 Intermed. Amps., 2-6CM6 Power Amps., 1-6SA4 Oscillator, 1-6CA4 Rectifier. Comes in a handsome durable simulated leather covered wooden luggage case with a



RK-109 STEREO RECORDER
(Less external Speakers)

convenient storage compartment. Comes complete with crystal microphone, 5 inch reel and 7" empty reel. For 117 volts, 60 cps AC. Size 10½Hx21¼Wx14"D. Shpg. wt. 46 lbs.

RK-109WX Two-Tone Grey 5.00 Down Net 159.85
RK-111WX Two-Tone Tan 5.00 Down Net 159.85

TWO MATCHED FULL RANGE SPEAKERS for external use with RK-109 recorder. Gives added stereo coverage in place of the 2 built-in speakers. Contains 2-10" auditorium full range speakers in separate enclosures that combine to form an attractive carrying case. Size 13¼Hx13½Wx12"D. Shpg. wt., 23 lbs.

RK-110WX Two-Tone Grey 2.00 Down Net 44.95
RK-112WX Two-Tone Tan 2.00 Down Net 44.95



MODEL 892 "PRO" STEREOPHONIC TAPE RECORDER

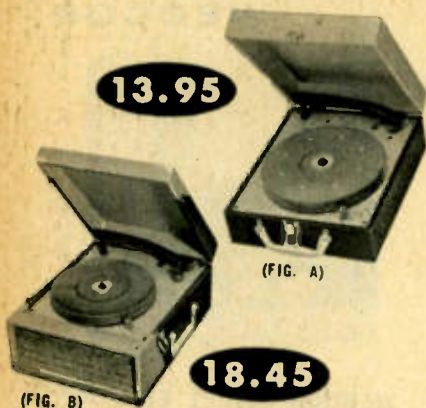
Press a button and rich, high fidelity sound carries you right into the recording studio. For 7½ and 3¾ ips with rapid forward and rewind speeds. Plays ¼ or ½ track stereo tape and records monaurally. Features: Radio, Phono, TV & Turntable inputs and outputs. External speaker output for monitoring or operation of an additional speaker. Frequency response — 60-10,000 cps. 2-5x7" permanent heavy magnet, extended range speakers. 6 watts peak stereo output. Signal-to-Noise Ratio 40 db. Record interlock to prevent accidental tape erasure. Wow and flutter less than 0.35% at 7½ ips. 2 stacked in line, ½ track, fully shielded record and playback heads. Storage compartment for tape, reels, AC cord, and microphone. A built-in "fan" for forced air ventilation insures against over-heating when using for long periods of time. Tubes — 1-5Y3, 2-ECC82 (12AU7), 2-EC182 (6BM8). Size 14½x15½x10". For 117 volts, 60 cps. AC. Shpg. wt., 37 lbs.

RK-108WX 5.00 Down Net 149.50

LAFAYETTE PORTABLE STEREO & MONAURAL PHONOGRAPHS

MANUAL AND AUTOMATIC MONOPHONIC MODELS

These Models Play All Speeds of Monaural Records



13.95

(FIG. A)

18.45

(FIG. B)

"LEADER" 4-SPEED MANUAL

Plays up to 12" monaural records at 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 or 78 RPM. A single lever selects any speed. The lightweight pickup arm is equipped with a single all-purpose needle for all records. Has volume control with on-off switch. Fine quality Alnico 5 PM speaker. Attractive leatherette covered case. For 110-120 volts, 60 cycles. Size 12x10 $\frac{1}{2}$ x5 $\frac{1}{2}$ ". Shpg. wt., 9 lbs. PH-138W Net 13.95

STANDARD 4-SPEED MANUAL

With this portable phonograph you can play any record up to 12" size at 33 $\frac{1}{3}$, 45 or 78 rpm, or at the new "Talking Book" speed of 16 $\frac{2}{3}$ rpm. A single lever selects any speed. The lightweight pickup arm is equipped with a turnover cartridge with dual sapphire styl. Has both tone control and volume control with on-off switch. Has jack for adding extension speaker. Fine quality Alnico 5 PM speaker. Attractive 2-tone leatherette covered case. For 110-120 volts, 60 cps. AC. Dimensions 14x10 $\frac{1}{2}$ x6". Shpg. wt., 10 lbs. PH-139W Net 18.45

LAFAYETTE AUTOMATIC MONAURAL PORTABLE PHONOGRAPH

38.50

- Alnico V PM Speaker
- Plays 4 Standard Record Speeds
- Complete With Crystal Turnover Cartridge

New, attractively styled automatic monaural portable phonograph featuring 4 speed, 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45, 78 RPM. Consists of the latest famous British-made Monarch automatic record changer. High-quality Alnico V PM speaker. Uses heavy-duty 4-pole induction type motor for constant speed and minimum "wows". Automatically plays all speeds, and takes all record sizes—7", 10", 12" Intermix in any order. Plays 12" records with lid closed. Arm automatically returns to the rest position and motor shuts off after last record. Lightweight pickup arm has high output crystal turnover cartridge with sapphire styl. Controls: Tone, Off-On Volume. Durable and attractive cabinet with choice of 2 leatherette two-tone covering: blue and white, or bronze and white. For 110-120 volts, 60 cycles, A.C. Size: 12x14x9 $\frac{1}{2}$ ". Shpg. wt., 18 lbs.

PH-140W Blue and white 2.00 Down Net 38.50
PH-141W Bronze and white 2.00 Down Net 38.50

LAFAYETTE HI-FI STAR

BETTER THAN EVER

37.50



• For All Monaural Records

- GE Reluctance Triple Play Cartridge With 2 Sapphire Needles
- Dual Speakers: 6" Wide Range and 4" Tweeter

The famous Lafayette "Star" now incorporates an extended-range speaker system with 50 to 15,000 cps response. The 4-speed phonograph plays all record sizes up to 12" and has the famous GE variable reluctance "triple play" cartridge with two sapphire tipped needles. With retractable spindle for 45 rpm records. Separate bass and treble tone controls and volume control. The 2 speakers produce a real feeling of "presence". Size 16x12 $\frac{1}{2}$ x7 $\frac{1}{4}$ ". Covered in your choice of charcoal or light tan shadow branch parchment leatherette. For 110-120 volts, 60 cps AC. Shpg. wt., 13 lbs.

PH-136W Charcoal Black 2.00 Down Net 37.50
PH-137W Light Tan 2.00 Down Net 37.50

COMPATIBLE STEREO PHONIC MODELS

THESE MODELS PLAY ALL STEREO RECORDS PLUS ALL MONAURAL RECORDS

LAFAYETTE MANUAL STEREO PHONOGRAPH



24.95

- Compatible—Plays Both Stereo and Monaural
- Detachable Lid With 2nd Speaker

New, low-cost manual portable stereophonic phonograph enables anyone to enjoy the thrilling sound from new stereo records. Two separate speakers, 1 in main case and 1 in removable cover. Cable supplied to extend second speaker to proper distance. 2 separate built-in amplifiers. Separate volume controls for each channel allow the user to adjust channel balance according to his listening environment. Wide-range speakers assure fine sound reproduction. Has 4 speeds—16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 RPM. Lightweight tone arm is fitted with crystal turnover cartridge. Tubes: 2-50C5, 1-12AX7 plus rectifier. Has easy-grip handle on strikingly attractive two tone blue metallic and white case. Size 10x12x6". Shpg. wt., 10 lbs. PH-142W 2.00 Down Net 24.95

LAFAYETTE AUTOMATIC STEREO PHONOGRAPH

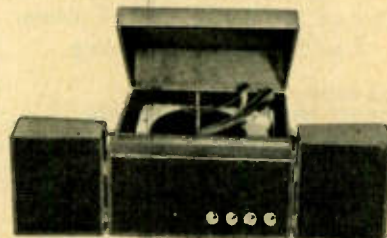


49.50

- Compatible—Plays Both Stereo, and Monaural Records
- Detachable Lid With 2nd Speaker

New, attractively styled automatic stereophonic phonograph featuring the latest Monarch 4-speed automatic intermix record changer. Complete with stereo crystal turnover cartridge with dual sapphire styl. Plays both stereo and monaural records. Among many features are automatic record intermix mechanism, automatic motor shut-off at the end of last record, automatic arm return, free-floating motorboard eliminating acoustic feedback. Careful design assures long life and freedom from trouble. Takes all record sizes, and plays all 4 speeds: 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 RPM. Controls include separate volume controls for each channel and dual channel tone control. Built-in Alnico 5 PM speaker provide clean, balanced sound. Second Alnico 5 PM speaker is housed in the removable phonograph cover. 8 ft. cable supplied, permits placement of second speaker for optimum stereo effect. Two tone gold and white, or black and white covering. Tubes 2-50C5, 1-12AX7 and rectifier. 15 $\frac{1}{2}$ x14 $\frac{3}{4}$ x18". Shpg. wt., 23 lbs. PH-143WX Gold and white 2.00 Down Net 49.50
PH-144WX Black and white 2.00 Down Net 49.50

LAFAYETTE DELUXE AUTOMATIC STEREO PHONOGRAPH

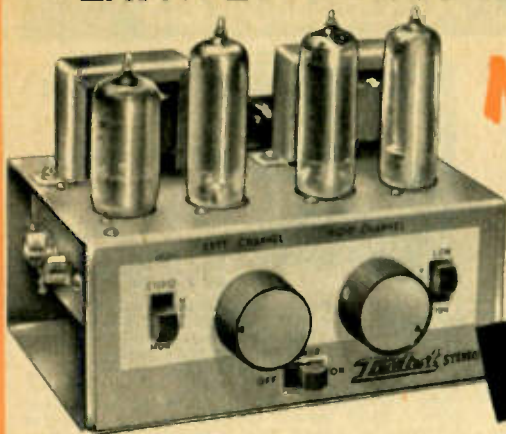


62.95

- 4-Speed British Changer
- 3 Speaker System
- Plays Both Stereo and Monaural Records

New Lafayette deluxe automatic stereophonic phonograph features the famous 4 speed BSR English made changer. Plays all speeds: 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 RPM. Plays all sizes: 7" 10" and 12" records. Has such features as 4-pole motor, automatic shut-off after last record, etc. Supplied with turnover cartridge. Separate volume controls adjust optimum balance for perfect stereo realism. Separate bass and treble controls permit tonal adjustment of both channels. Has 3 Alnico V PM speakers: 1 in main case and 1 in each wing. Wings may be left in position or can be detached from the sides and placed apart for individual stereo requirement. Tubes: 2-35C3, 1-12AX7, 1-50EH5, 1-silicon rectifier. Attractive black and gold leatherette case. Size: 20x15 $\frac{1}{2}$ x17 $\frac{1}{2}$ ". Shpg. wt., 29 lbs. PH-145WX 5.00 Down Net 62.95

LAFAYETTE BUDGET PRICED PHONO SPECIALTIES



NEW!

TruTest STEREO/5 AMPLIFIER

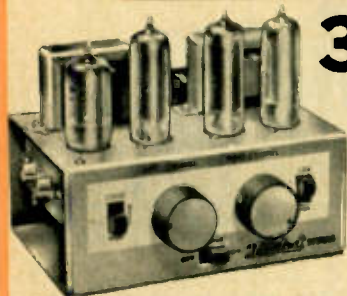
- Individual Stereo Volume-Balance Controls
 - For Both Stereo and Monaural
 - Fully Wired — Ready For Stereo
- Never Before Such Quality At This Price!**

One of the finest stereo values we have ever offered. This rugged, precision made dual channel stereo amplifier will amaze you with its fine quality. Ideal for that low cost stereo system you're planning for your home or business. Perfect for converting your present console or portable to stereo. Controls include separate left channel and right channel volume controls, stereo-monaural mode switch, tone control switch and on-off switch. Provision for crystal or ceramic cartridge. 4 ohm output terminals accept most speakers. Tube compliment: 2-35C5, 1-35W4 and 1-12AX4. Size: 4½Hx5½Wx4½"D. 115 volt 60 cycles. Shpg. wt., 5 lbs. PK-441W

9.95

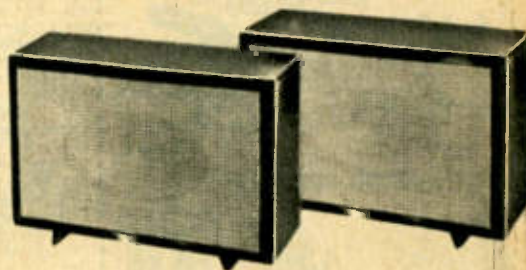
Net 9.95

LAFAYETTE BRINGS YOU A COMPLETE STEREO PHONO SYSTEM AT A PRICE YOU CAN AFFORD



32.50

only
2.00 Down



Now you can have genuine component stereophonic sound at the lowest price ever. Complete in every detail this system consists of: the TrueTest Stereo/5 Amplifier (as described above), Lafayette ML-24 4-speed Turntable for 16¾, 33⅓, 45 and 78 rpm records, easy to install pre-cut mounting board, Lafayette PK-171 Stereo Tone Arm with wide-range Plug-In Crystal Stereo Cartridge and .7 mil sapphire

styl for stereo and monaural records. Completing the system are 2 of Lafayette's amazing SK-109 miniature speaker systems. Housed in attractive mahogany veneer enclosures each speaker is supplied with 25 feet of hook-up cable and measures only 9½Wx7¾Hx3⅝"D. Shpg. wt., 20 lbs. PK-443WX

2.00 Down Net 32.50

BATTERY-OPERATED PHONO MOTOR

- 3 SPEEDS • OPERATES ON FOUR FLASHLIGHT CELLS



A rugged, constant phono motor and turntable with low wow and flutter. Low current drain gives 135 hours of normal use from 4 standard flashlight cells. New 6 inch plastic turntable will play 45, 33⅓, 16 RPM records. Easy mounting, single assembly. Depth below mounting surface 2 in. Shpg. wt., 4 lbs.

ML-9 Battery-operated phono motor and turntable Net 10.20

4 SPEED PHONO MOTOR WITH TURNTABLE

Quiet, dependable A-C operation assured by rubber shock-mounted friction drive motor. Speed change control through idler driving on 8" turntable. Mounting centers 4½x 3¾ 2¼" depth below base plate. Shpg. wt., 3½ lbs. ML-24 Phono and turntable Net 5.35 PK-149 Mounting board for motor Net .95



WIRELESS BROADCASTER

Play your phonograph through any radio anywhere in the house without connecting wires. Talk through your radio by microphone.

Lafayette's new wireless broadcaster will extend your enjoyment of your phono-player to every room that has a radio. Connect phono to wireless broadcaster, tune in any radio to the wireless broadcaster, which broadcasts on an adjustable frequency between 700KC-1700KC. Pick your spot. Will take crystal or magnetic cartridges and also microphones for voice broadcast. Has volume control with "on-off" switch. Size 4¾x5¾x1½". Completely wired and assembled with all tubes and operating instructions. 110V AC/DC operation. Shpg. wt., 4 lbs.

LA-14 Wireless broadcaster Net 9.75
PA-24 Crystal microphone Net 3.95



TRANSISTORIZED STEREO BUG

An ingenious device that enables you to play the second channel of your stereo system through your broadcast radio receivers. Use with any ceramic stereo cartridge or tape head and playback preamp. The receiver can be tuned to a clear spot anywhere between 550 and 1000 kc. Completely transistorized and contains highly efficient oscillator. Stable and safe operation. Easy to install, no soldering required. Size: 4½x 2¾x1¾". Shpg. wt., 1 lb. PK-226 Less battery Net 13.23
BA-109 Battery for above, Burgess Z-4 Net ea. .70



STEREO PHASER SELECTOR

This specially designed switch offers a simple and smooth method for changing over from monaural to stereo operation or to "rephase" the speakers if they should happen to be in electrical opposition. In monaural operation the monaural signal is fed to two amplifiers and two speaker systems; in stereo operation each of the two channels is fed to its own amplifier and speaker. Has polished brass embossed plate for mounting on speaker enclosure or HI-FI panel. All hardware and instructions are included. Shpg. wt., 10 oz. PK-228 Net 1.03



RCA PHONO SWITCH

TYPE 240X1. Used to operate record player through radio without a phono input. Complete with shielded 15" cable, plug, jack and instructions. Shpg. wt., 1 lb. PK-453 RCA-240X1 Radio Phono Switch Net 1.96



LANGUAGE RECORDS • PHONO ACCESSORIES

CONVERSA-PHONE LANGUAGE COURSES



CONVERSA-PHONE CHILDRENS LANGUAGE COURSE



MULTILINGUA LANGUAGE COURSE

GERMAN SPANISH

FRENCH ITALIAN

5.75

Learning languages is fun by the amazing new Conversa-Phone method. In minutes, you'll be understanding and speaking a new language. Expert instructor teaches you perfect pronunciation as you follow each phrase in the lesson manual. Contains 1-10" -33 1/3 RPM record and manual. Shpg. wt., 3/4 lb.

- | | |
|------------------|------------------|
| PR-28 French | PR-36 Swedish |
| PR-29 Spanish | PR-37 Finnish |
| PR-30 Italian | PR-38 Norwegian |
| PR-31 German | PR-39 Mod. Greek |
| PR-32 Hebrew | PR-51 Hungarian |
| PR-33 Russian | PR-52 Turkish |
| PR-34 Japanese | |
| PR-35 Portuguese | |
| Any of above | |

2.79

Learning foreign languages is an important part of every child's education. With these specially prepared record courses, learning a language is easier than ever. Lessons are in the form of stories that amuse your child as they teach. The ideal gift, comes with an unbreakable LP record, an illustrated instruction book and a colorful protective jacket. Shpg. wt., 1 lb.

- | | |
|--|----------------|
| PR-58 Spanish | PR-60 German |
| PR-59 French | ANY TITLE 2.79 |
| 1000 MOST FREQUENTLY USED WORDS | |
| Single LP record pronounces slowly, distinctly 1000 most commonly used everyday words. With manual listing all words. Shpg. wt., 1 lb. | |
| PR-54 Spanish | PR-56 German |
| PR-55 French | PR-57 Italian |
| | ANY TITLE 2.79 |

You can now learn to speak French, Italian, German or Spanish easily and pleasantly in your own home and progress at your own speed. Features the new simplified participation method that helps you to learn the lessons faster and retain them longer. It is a complete language course with 48 lessons on two 12" hi-fi long playing records. You learn with native speakers! The recorded lessons are printed in an illustrated conversation manual. Also included is a combination of grammar and dictionary book. When ordering, please specify the language desired. Shpg. wt., 4 lbs.

PR-15 List 9.95 Net 5.75

SPECIAL VALUE!

5 language combination course. French, Italian, German, Spanish, and Russian. 9-12" LP records, 216 lessons, 2 books. Shpg. wt., 10 lbs.

PR-16 Net 9.50

PHONO OSCILLATOR 4.50



For use with all-types of phonos. Compact, well-built unit, tuned within broadcast band. Completely wired ready for use. Supplied with RCA type phono jack, 1-12BE6 and 1-35W4 tubes, hank antenna, 6 ft. AC cord. For 110V AC/DC operation. Shpg. wt., approx. 2 lbs.

PK-25 4.50

PHONO AMPLIFIERS



2 TUBE AMPLIFIER WITH TUBES

(Fig. B) A two tube phono amplifier using a 50L6 and 35Z5 tube as rectifier. Well-built, good tone and volume. Contains volume control with switch. AT A BIG SAVING! Shpg. wt., 3 lbs.

PK-24 with tubes Net 4.50

THREE TUBE AC-DC PHONO AMPLIFIER

(Fig. A) Equipped with a variable tone control and a separate volume control. Delivers two watts output. Phonograph motor connects to the amplifier. Uses 12AV6, 50C5, and 35W4 rectifier. For 110-120V, 60 cycles AC or 110-120V DC. Supplied with line cord and plug, but less tubes. Shpg. wt., 2 lbs.

PK-23 2.95

(Fig. C) Output transformer matches output tube to 3-4 ohm voice coil. Shpg. wt., 1/2 lb.

TR-10 Singly ea. .59 In lots of 5, ea. .49

RECORD ALBUMS & BOOKS



(1) RECORD ALBUM—Durable album. Holds 12 records and opens flat. A set of these handsome albums will add to the appearance of your record library. Shpg. wt., 3 lbs.

PK-296 For 7" Records Net .63

(2) LP ALBUM BOXES—Stores records in jackets. Dust proof. Rigid overlapping sides. Covered in washable, durable Kyvar with chestnut board, deeply padded covers. Two tone Spanish green Gold embossed. Average shpg. wt., 1 lb.

PK-241 Holds 15 — 12" Records Net 1.95



PLASTIC RECORD COVERS

75c per pkg. of 15

Soft pliable plastic covers to protect records from dirt, dust and moisture. Available in square beaded bottom to fit 12" records in jackets and in round beaded bottom to cover 12" records without jackets. Shpg. wt., 1/2 lb.

PK-456 Pkg. of 15 Square PK-455 Pkg. of 15 Round Any Pkg. 75

PROTECTIVE COVERS AND PADS FOR CHANGERS AND TURNTABLES



FLEXIBLE COVERS (A)

Heavy vinyl covers to protect changers and turntables from dust, dirt and moisture. Reinforced stitched edges. Shpg. wt., 6 oz.

PK-153 for all record changers Net .79
PK-154 for turntables Net 1.19

RIGID COVER (B)

Rigid with collapsible sides for easy storage. Size 12x15 1/2 x 5". Clear color. Shpg. wt., 2 lbs.

PK-457 Net 3.95

ISOLATION PAD (C)

Foam pad fits under changer or player bases, recorders, etc. Protects furniture, helps reduce acoustical noise. One side corrugated for no-slip. 16 1/2 x 13 1/4 x 3/8" thick. Shpg. wt., 2 lbs.

PK-155 Net .95

FOAM TURNTABLE MATS

Sizes to fit all turntables. Prevents record slippage, cushions record drop of automatic changers, protects needle from damage due to accidental dropping of pickup arm. Average shpg. wt., 6 oz.

PK-108 For 10 inch Turntables Net .49
PK-151 For 12 inch Turntables Net .59
PK-152 For 45 RPM Players Net .35

WEATHERS DISCUSHION



Designed by Weathers to protect your records from scratches, these cushions prevent the playing surface of your records from touching anything. Uses graduated height ridges. Record is held by its blank outer rim. Shpg. wt., 1 1/2 lbs.

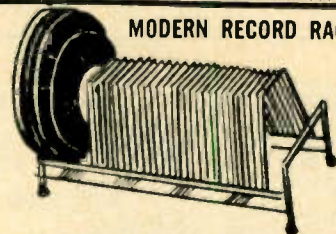
GR-326 WEATHERS P-684 Net 2.95

RECORD GRIP MATS



These record grip mats prevent slippage and surface-rubbing of records stacked in the changer. Just place them between records on spindle. Prolongs record life. Shpg. wt., 4 oz. per pkg.

PK-257 Pkg. of 5 mats Net .59



MODERN RECORD RACK

Attractive, brass plated rack carries 65 records of all sizes. Spring steel separators. Heavy carrying handle. Rubber tipped feet. Size 17Lx5 3/4 x Hx7" D. Shpg. wt., 4 lbs.

PK-227 List 3.95 Net 1.79

RECORD CARRYING CASES

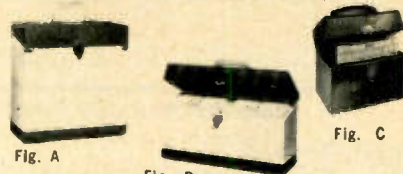


Fig. A

Fig. B

Fig. C

FOR 12" RECORDS

(Fig. A) Handsome case holds 60 — 12" records without jackets, 36 with. Solid wood frame lock corner construction. Covered with Pyroloxin coated cloth, washable and long wearing. Two tone. Sure-hold lock. Complete with numbered separators and index. 13 1/4 x 7 x 1 1/2". Shpg. wt., 7 lbs.

PK-458 Net 5.75

FOR 7" RECORDS

(Fig. B) Same construction as above. Double sided. Holds 120 records. 15 1/2 x 7 x 8 3/4". With index and separators. Shpg. wt., 7 lbs.

PK-459 Net 5.25

(Fig. C) Sturdy metal case with handle. Holds 60 records. With index and separators. 9 x 5 1/2 x 8". Shpg. wt., 4 lbs.

PK-460 Net 2.45

45 RPM SPIDERS AND ADAPTER



(A) For insertion in Record. Shpg. wt., 3 oz.

MS-47 Fiber Pkg. of 10 .19

MS-48 Metal Pkg. of 10 .47

(B) Adapter for manual turntables. No spiders needed.

PK-461 Net .15

SPECIAL VALUES

FOR HI-FI and PHONO INSTALLATION

FAMOUS DIAMOND STEREO CARTRIDGES INSTALLED IN PLUG-IN HEADS



- FREE INSTALLATION
- FREE HEADS

Cartridges are all complete with .7 mil diamond stylus, and are installed in plug-in head to fit changers listed. You pay only for the cartridge, plug-in head and installation are free. Shpg. wt., 5 oz.

FOR GARRARD CHANGERS

Stock No.	Cartridge	Fits Models	Net
PK-488	AUDIO EMPIRE S-108	A, 210, 4HF	34.50
PK-489	AUDIO EMPIRE S-108	RC88/11	34.50
PK-490	GE VR-227	A, 210, 4HF	14.65
PK-491	GE VR-227	RC88/11	14.65
PK-492	PICKERING 380C	A, 210, 4HF	29.85
PK-493	PICKERING 380C	RC88/11	29.85
PK-494	SHURE M7D	A, 210, 4HF	23.52
PK-495	SHURE M7D	RC88/11	23.52
PK-496	SHURE M3D	A, 210, 4HF	44.10
PK-497	SHURE M3D	RC88/11	44.10

FOR COLLARO CHANGERS

Stock No.	Cartridge	Fits Models	Net
PK-467	AUDIO EMPIRE S-108		34.50
PK-468	GE VR-227	TSC-740	14.65
PK-469	PICKERING 380C	TSC-840	29.85
PK-470	SHURE M7D	TC-99	23.52
PK-470	SHURE M3D	TP-59	44.10

LAFAYETTE'S PROFESSIONAL FINISHING KITS



- TRULY PROFESSIONAL FINISH
- COMPLETE WITH EVERYTHING YOU NEED
- EASY-TO-FOLLOW INSTRUCTIONS

A real deluxe finishing kit containing all you need to give a professional furniture finish to your cabinets. There is nothing extra to buy and no mixing of ingredients required. It contains 2 cans of high gloss varnish, and one each of filter-stain, sealer, and solvent, brush and sandpaper plus complete easy-to-follow directions for obtaining various types of finish. You'll be surprised at how your finished cabinet will compare with commercial work because the kit was designed by professional woodworkers. Shpg. wt., 6 lbs.

Stock No.	Finish	Net
MS-584	Walnut	3.50
MS-585	Mahogany	3.50
MS-586	Fruitwood	3.50
MS-587	Cherry	3.50
MS-588	Golden Oak	3.50
MS-589	Maple	3.50
MS-590	Harvest Wheat	3.50
MS-591	Ebony	3.50

QUALITY GRILLE CLOTHS FOR HI-FI INSTALLATIONS



Choice selection of latest patterns and beautiful decorator colors. Made of finest quality vinyl plastic, woven with proper mesh for passage of high frequencies as well as low. Shpg. wt., (36"x36") 8 oz., (18"x24") 5 oz.

FREE SAMPLE SWATCHES

Supplied free. Just specify stock number below for assortment.

Description	For use with	NO CHARGE	
		36x36	18x24
Mahogany background with gold stripe	Mahogany	A SG-10 2.39	SG-22 1.25
Blonde background with mahogany stripe	Blonde	A SG-11 2.39	SG-23 1.25
Fine gold mesh	All colors	C SG-12 2.39	SG-24 1.25
Ebony background with silver motif	Ebony	D SG-29 3.75	SG-30 1.25
Black background with gold cobweb	Ebony	E SG-13 3.75	SG-25 1.25
Mahogany background with gold cobweb	Mahogany	E SG-14 3.75	SG-26 1.25
Walnut background with gold stripe	Walnut	A SG-21 3.75	SG-27 1.25

CANE GRILLE CLOTHS

Brown background with natural cane crisscross lattice	Wal., Frtwd., Blind	F SG-18 2.85	SG-20 1.25
Brown background with natural cane crossed by Gold flecked white stripe	Wal., Fruitwood	G SG-17 3.75	SG-19 1.25
Dark walnut background with natural tone cane interwoven with gold	Dark Walnut	H SG-31 3.75	SG-32 1.25
Brown background with natural tone cane crossed by alternate bronze and silver	Walnut, Blonde	I SG-33 3.75	SG-34 1.25
Walnut background with natural tone cane interwoven with fine gold ribbon and faint brown diamond pattern	Wal., Frtwd., Blind	J SG-35 3.75	SG-36 1.25

ORNAMENTAL METAL GRILLES



Heavy metal perforated grille, beautifully "brushed brass" plated and lacquered with gold finish effect. For use over cloth or screening in custom built radios, P. A. Speakers and juke boxes.

ML-22 Size 12x18"	Net 1.76
ML-23 Size 18x24"	Net 3.23

PANDAMUS CLOTH GRILLE



A highly attractive natural color straw fabric grille cloth that is ideal for many types of decor. 27" wide. Supplied only in 1 yd. lengths. Shpg. wt., 8 oz. Net per yard 1.55

RECORDISC RECORDING BLANKS



Orange label: bond base for home use; purple label: aluminum base, general purpose; red label: heavy aluminum, professional; "GM" label: heavy aluminum, wide range. All double faced. Orange is 6 to a pkg., all others 5. Avg. shpg. wt., 8 oz.

Stock No.	ORANGE LABEL	PURPLE LABEL	GM LABEL
PR-17	6 1/2" .17 .90	6 1/2" .23 1.05	8" .33 1.50
PR-18	6 1/2" .30 1.35	8" .46 2.10	10" .53 2.40
PR-19	8" .40 1.80	10" .66 3.00	12" .83 3.75
PR-20	10" .59 2.70		
PR-21	12" .73 3.30		

7" AUDIO DISC For 45 rpm. Red label aluminum base. With center hole adapter. Shpg. wt., 5 oz.

PR-46 Lots of 25	20.58	Singly Ea.	.91
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LAFAYETTE SPECIAL!



RECORD PLAYBACK AND ERASE HEADS 3.95 Set

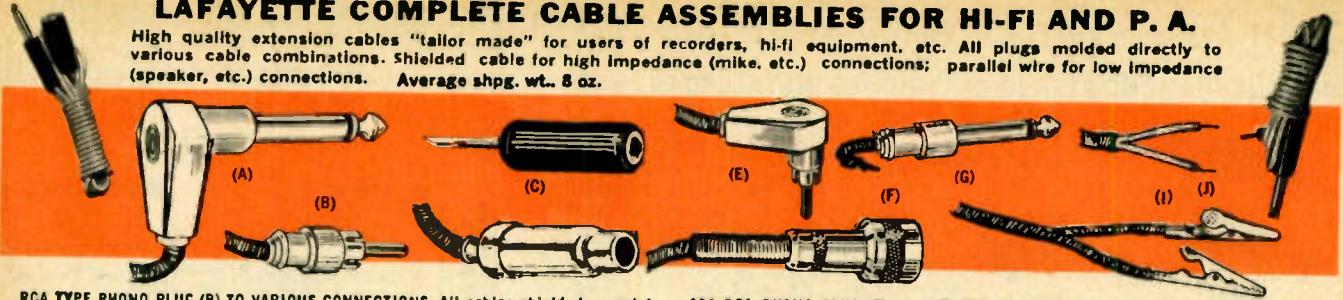
A two-piece set consisting of one record/playback and one erase tape head. Designed for use in dual track recorders, these units will replace the heads in most Japanese-built recorders, and are also excellent for the electronic experimenter. Record/playback head specifications: Impedance: 2.2K at 1 KC; DC resistance: 160 ohms; reproduction level: -45db (recording at -10 db); bias frequency: 35 kc; bias current: 400 µa; voice current: 100 µa; response: 100-7000 cps ± 5 db; S/N ratio: better than 45 db; bias system: AC & DC reproduction; gap: .00224 in. (.006 mm); dimensions: Approx. 1/2" x 3/4" x 1/4" H. Erase head has same dimensions. Total shpg. wt., 3 oz.

F-633 Net 3.95

MAKE LAFAYETTE YOUR HEADQUARTERS FOR HIGH FIDELITY ACCESSORIES

LAFAYETTE COMPLETE CABLE ASSEMBLIES FOR HI-FI AND P. A.

High quality extension cables "tailor made" for users of recorders, hi-fi equipment, etc. All plugs molded directly to various cable combinations. Shielded cable for high impedance (mike, etc.) connections; parallel wire for low impedance (speaker, etc.) connections. Average shpg. wt., 8 oz.



RCA TYPE PHONO PLUG (B) TO VARIOUS CONNECTIONS. All cables shielded except * unshielded parallel cable. Avg. shpg. wt., 9 oz.

Stock No.	One Termination	Cable Length	Other Termination	Net
MS-486	Straight RCA phono plug (B)	36 in.	Straight RCA phono plug (B)	.39
MS-480	Straight RCA phono plug (B)	60 in.	Straight RCA phono plug (B)	.47
MS-481	Straight RCA phono plug (B)	72 in.	Straight phono plug (G)	.69
MS-487	Straight RCA phono plug (B)	48 in.	RCA-type phono jack (D)	.54
MS-483	Straight RCA phono plug (B)	60 in.	RCA-type phono jack (D)	.59
MS-484	Straight RCA phono plug (B)	72 in.	Barrel-type phone jack (C)	.80
MS-555	Straight RCA phono plug (B)	72 in.	Mike connector (F)	.88
MS-556*	Straight RCA phono plug (B)	120 in.	Alligator clips (I)	.81
MS-573	Straight RCA phono plug (B)	36 in.	Stripped & tinned ends (J)	.34
MS-574	Straight RCA phono plug (B)	48 in.	Stripped & tinned ends (J)	.38
MS-575	Straight RCA phono plug (B)	60 in.	Stripped & tinned ends (J)	.39
MS-576	Straight RCA phono plug (B)	72 in.	Stripped & tinned ends (J)	.41
MS-577	Straight RCA phono plug (B)	144 in.	Stripped & tinned ends (J)	.69
MS-805	Straight RCA phono plug (B)	72 in.	90° RCA phono plug (E)	.54
MS-806	Straight RCA phono plug (B)	120 in.	90° RCA phono plug (E)	.72

90° RCA PHONO PLUG (E) TO VARIOUS CONNECTIONS. All cables shielded except * unshielded parallel cable. Avg. shpg. wt., 9 oz.

Stock No.	One Termination	Cable Length	Other Termination	Net
MS-557	90° RCA phono plug (E)	72 in.	Barrel-type phone jack (C)	.72
MS-558	90° RCA phono plug (E)	72 in.	Mike connector (F)	.88
MS-559*	90° RCA phono plug (E)	36 in.	Stripped and tinned ends (J)	.32
MS-560*	90° RCA phono plug (E)	72 in.	Alligator clips (I)	.83
MS-796	90° RCA phono plug (E)	18 in.	90° RCA phono plug (E)	.68
MS-797	90° RCA phono plug (E)	36 in.	90° RCA phono plug (E)	.44
MS-798	90° RCA phono plug (E)	48 in.	90° RCA phono plug (E)	.49
MS-799	90° RCA phono plug (E)	72 in.	90° RCA phono plug (E)	.54
MS-800	90° RCA phono plug (E)	120 in.	90° RCA phono plug (E)	.72
MS-801	90° RCA phono plug (E)	18 in.	Straight RCA phono jack (D)	.45
MS-802	90° RCA phono plug (E)	36 in.	Straight RCA phono jack (D)	.49
MS-803	90° RCA phono plug (E)	72 in.	Straight RCA phono jack (D)	.63
MS-804	90° RCA phono plug (E)	120 in.	Straight RCA phono jack (D)	.72

90° PHONE PLUG (A) TO VARIOUS CONNECTIONS. Std. 1/4" sleeve, completely shielded. All cables shielded except * unshielded parallel cable. Avg. shpg. wt., 9 oz.

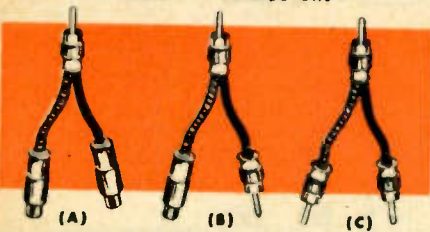
Stock No.	One Termination	Cable Length	Other Termination	Net
MS-545	90° phone plug (A)	72 in.	Straight RCA phono plug (B)	.72
MS-546	90° phone plug (A)	72 in.	Straight RCA phono jack (D)	.85
MS-547	90° phone plug (A)	72 in.	Straight-barrel phone jack (C)	.93
MS-548	90° phone plug (A)	72 in.	Mike connector (F)	.93
MS-549	90° phone plug (A)	120 in.	Mike connector (F)	1.26
MS-550	90° phone plug (A)	72 in.	90° RCA phono plug (E)	.72
MS-551*	90° phone plug (A)	72 in.	Stripped and tinned ends (J)	.51
MS-552*	90° phone plug (A)	72 in.	Alligator clips (I)	.88

PHONE PLUG (G) TO VARIOUS CONNECTIONS. Std. 1/4" diam. sleeve; completely shielded. All cables shielded. Avg. shpg. wt., 9 oz.

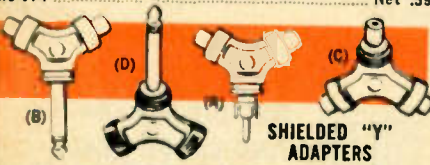
Stock No.	One Termination	Cable Length	Other Termination	Net
MS-482	Straight phone plug (G)	72 in.	RCA-type phono jack (D)	.79
MS-485	Straight phone plug (G)	72 in.	Barrel-type phone jack (C)	.79
MS-553	Straight phone plug (G)	72 in.	Mike connector (F)	.93
MS-554	Straight phone plug (G)	120 in.	Mike connector (F)	1.26

SPECIAL 10 FT. JUMPER CABLE. Unshielded parallel cable, 10 ft. long, with alligator clips (I) at both ends. MS-561 Net .60

FLEXIBLE Y CONNECTORS



For converting Stereo Player to Monaural. Can be used for a Tap-In-Meter Monitor connection. Also required on some Tape Recorders. Shpg. wt., 4 oz.
 (A) Phono Plug connected to 2 Phono Jacks by 4" shielded cable. MS-672 Net .59
 (B) Phono Jack connected to 2 Phono Plugs. MS-673 Net .59
 (C) 3 Phono Plugs connected together by 4" shielded cable. MS-674 Net .59



Completely shielded Y-Adapters with choice of connectors and terminations.
 (A) Two phono jacks connectors in parallel to a standard 2-conductor phono plug. Avg. shpg. wt., 7 oz. MS-595 Net .89
 (B) Two phono jacks connectors in parallel to a standard phono plug. MS-596 Net .89
 (C) 3 phono jacks connectors in parallel. MS-597 Net .89
 (D) Two male microphone connectors in parallel to a standard two-conductor phono plug. MS-598 Net .69



PHONO-TUNER ADAPTER
 2 phono jack inputs; simple switch selects either. A convenient phono output jack for connecting to amplifier. Includes mounting screws. Av. shpg. wt. for above units is 1 lb. MS-795 Net .88

SPEAKER PHASING CONTROL
 Allows you to reverse speaker connection to obtain correct phasing without disconnecting leads from speakers. A must for stereo. Complete with screw terminals and all mounting hardware. Shpg. wt., 1 lb. MS-796 Speaker Phasing Control Net .88

REMOTE MICROPHONE VOLUME CONTROL
1.76
 No more running to the P. A. amplifier to adjust volume when you are using a mike. Now, control volume output right at the microphone. Attached between the microphone and the cable, this completely shielded control has practically no insertion loss and induces no hum. Can be used at any desired distance. Fitted on one end with a female mike Connector and male mike Connector on the opposite end. Finished in gleaming chrome, its appearance will blend in with the most expensive microphones. Comes completely ready to use. Shpg. wt., 12 oz. MS-795 Remote Volume Control Net 1.76

STEREO-MONAUURAL-REVERSE SWITCH
 Lets you switch instantly from stereo to monaural or reverses stereo channels. 2 phono jacks input . . . 2 phono jacks output. Completely shielded, ready to mount with all hardware. Shpg. wt., 1 lb. MS-797 Stereo-Monaural-Reverse Switch Net 1.29

STEREO AUDIO CABLES
 Two shielded insulated cables, (of different color tones, for easy identification of channels) inside a common chrome grey plastic jacket, providing two completely isolated channels. Av. shpg. wt., 6 oz.

TYPE	LENGTH	NET
MS-807	36"	Phono plugs 1.17
MS-808	6'	at all ends. 1.35
MS-809	10'	1.82

MULTI-INPUT SELECTOR CONTROL
 Connects any one of 5 inputs to 1 output AM, FM, phono, tape, aux. Completely shielded to prevent hum. Complete with mounting hardware. 5 phono jacks input, 1 phono jack output. Shpg. wt., 1 lb. MS-798 Multi Input Selector Net 1.76

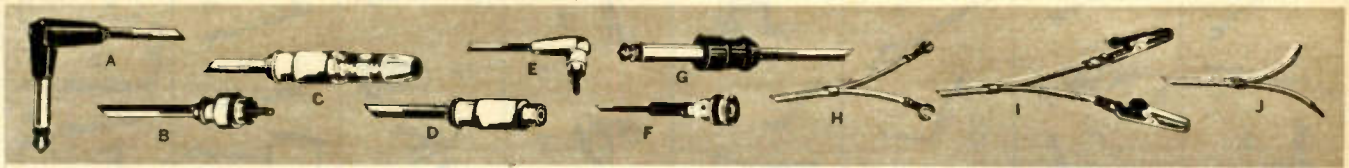


STEREO RUMBLE FILTER
2.49
 Filters out turntable vibration and rumble—makes every low-priced turntable and changer quiet and rumble-free. Designed for use with ceramic or magnetic cartridges. 3-position selector switch—ceramic, magnetic cartridge, off. Just plug it in between cartridge and amplifier inputs. Overall size: 5x2 1/2x5 1/2". Shpg. wt., 14 oz. PK-444 Stereo Rumble Filter Net 2.49

SWITCHCRAFT COMPLETE CABLE ASSEMBLIES FOR HI-FI AND P. A.

High quality extension cables "tailor made" for users of recorders, hi-fi equipment, etc. All plugs molded directly to various cable combinations with grey plastic handle; built in electrical shield and cable clamp. Chrome

grey shielded cable for high impedance (mike, etc.) connections; chrome grey parallel wire for low impedance (speaker, etc.) connections.



PHONE PLUG (A) TO VARIOUS CONNECTIONS. Std. 1/4" dia. sleeve; completely shielded. All cables shielded except * unshielded parallel cable. Av. Shpg. wt., 5 oz.

Stock No.	One Termination	Cable Length	Other Termination	Net
MS-600	90° phone plug (A)	72 in.	90° phone plug (A)	1.53
MS-601	90° phone plug (A)	120 in.	90° phone plug (A)	2.10
MS-602	90° phone plug (A)	25 ft.	90° phone plug (A)	2.79
MS-604	90° phone plug (A)	120 in.	Straight RCA phono plug (B)	1.62
MS-606	90° phone plug (A)	120 in.	Straight RCA phono jack (D)	1.76
MS-607	90° phone plug (A)	72 in.	Phono extension jack (C)	1.53
MS-608	90° phone plug (A)	120 in.	Phono extension jack (C)	2.06
MS-609	90° phone plug (A)	25 ft.	Phono extension jack (C)	2.79
MS-612	90° phone plug (A)	25 ft.	Mike Connector (F)	2.79
MS-614	90° phone plug (A)	120 in.	90° RCA phono plug (E)	1.62
MS-616*	90° phone plug (A)	120 in.	Stripped and tinned ends (J)	1.12
MS-617*	90° phone plug (A)	72 in.	Spade lugs (H)	.88
MS-618*	90° phone plug (A)	120 in.	Spade lugs (H)	1.18
MS-620*	90° phone plug (A)	120 in.	Alligator Clips (I)	1.41

PHONO PLUG (G) TO VARIOUS CONNECTIONS

Stock No.	One Termination	Cable Length	Other Termination	Net
MS-621	Straight phone plug (G)	72 in.	Straight phone plug (G)	1.53
MS-622	Straight phone plug (G)	120 in.	Straight phone plug (G)	2.06
MS-623	Straight phone plug (G)	25 ft.	Straight phone plug (G)	2.79
MS-626	Straight phone plug (G)	25 ft.	Mike Connector (2501F) (F)	2.79
MS-627	Straight phone plug (G)	72 in.	90° phone plug (A)	1.53
MS-628	Straight phone plug (G)	120 in.	90° phone plug (A)	2.06
MS-629	Straight phone plug (G)	72 in.	90° RCA phono plug (E)	1.18
MS-630	Straight phone plug (G)	120 in.	90° RCA phono plug (E)	1.62
MS-631*	Straight phone plug (G)	72 in.	Spade lugs (H)	.88
MS-632*	Straight phone plug (G)	120 in.	Spade lugs (H)	1.18
MS-633*	Straight phone plug (G)	72 in.	Alligator clips (I)	1.12
MS-634*	Straight phone plug (G)	120 in.	Alligator clips (I)	1.41

RCA TYPE PHONO PLUG AND OTHERS TO VARIOUS CONNECTIONS

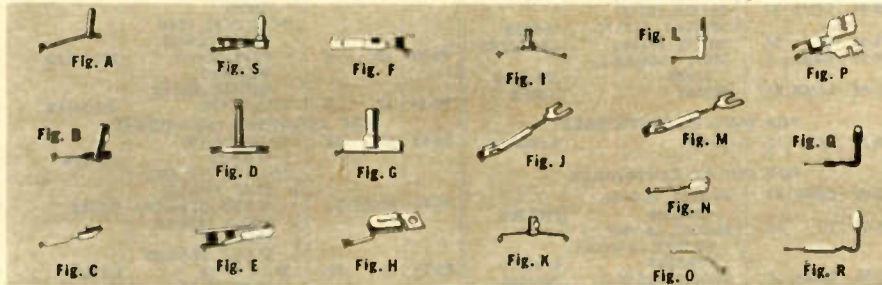
All Cables shielded except * unshielded parallel cable. Av. shpg. wt., 5 oz.

Stock No.	One Termination	Cable Length	Other Termination	Net
MS-645	90° RCA phono plug (E)	120 in.	Phono extension jack (C)	1.62
MS-647	90° RCA phono plug (E)	120 in.	Mike Connector (F)	1.97
MS-648	90° RCA phono plug (E)	25 ft.	Mike Connector (F)	2.70
MS-650*	90° RCA phono plug (E)	72 in.	Stripped and tinned ends (J)	.53
MS-651*	90° RCA phono plug (E)	72 in.	Spade lugs (H)	.59
MS-652*	90° RCA phono plug (E)	120 in.	Spade lugs (H)	.88
MS-654*	90° RCA phono plug (E)	120 in.	Alligator clips (I)	1.32
MS-656	Straight RCA phono plug (B)	120 in.	Mike Connector (F)	1.97
MS-657	Straight RCA phono plug (B)	25 ft.	Mike Connector (F)	2.70
MS-660*	Straight RCA phono plug (B)	72 in.	Spade lugs (H)	.59
MS-661*	Straight RCA phono plug (B)	120 in.	Spade lugs (H)	.88
MS-662*	Straight RCA phono plug (B)	72 in.	Alligator clips (I)	1.03

MISCELLANEOUS CABLES

Stock No.	One Termination	Cable Length	Other Termination	Net
MS-664*	Spade lugs (H)	120 in.	Spade lugs (H)	.53
MS-665*	Spade lugs (H)	25 ft.	Spade lugs (H)	1.03
MS-666*	Alligator clips (I)	120 in.	Alligator clips (I)	1.00
MS-667*	Alligator clips (I)	25 ft.	Alligator clips (I)	1.50
MS-668	Mike Connector (F)	36 in.	Mike Connector (F)	1.18
MS-669	Mike Connector (F)	72 in.	Mike Connector (F)	1.47
MS-670	Mike Connector (F)	144 in.	Mike Connector (F)	2.06
MS-671	Mike Connector (F)	25 ft.	Mike Connector (F)	2.94

ELECTRO-VOICE DIAMOND STYLI



Finest quality replacement diamond styli from a leading hi-fidelity manufacturer. Shpg. wt., 2 oz. Pt. Size Code: ST = 7 Mill Stereo.

LP = 1 Mill Microgroove for 33 1/3 and 45 RPM
 Comb = 1 Mill Diamond and 3 Mill Sapphire
 SS = 7 Mill Diamond and 3 Mill Sapphire
 SL = 7 Mill Diamond and 1 Mill Sapphire

Stock No.	Pt. Size	Fig.	Cartridge	Net
FOR ASTATIC CARTRIDGES				
PS-100	LP	A	AC Series, 40T, 41T, 40-1, 41-1, 42-1, 90T Series, 10L-3, 11L-3, 408	5.85
PS-101	LP	B	CAC, CG, LQD, QT, QT-33, 44-T, 46-1, 48-1, 166T Series	5.85
FOR ELECTRO-VOICE CARTRIDGES				
PS-102	ST	C	21 and 26 Series	5.85
G. E. CARTRIDGES				
PS-103	LP	S	RPX-040, 41, 42, 46, 61, 63	5.85
PS-104	Comb	D	RPX-047, 50, 50A, 51, 52, 52A, 53, 53A	6.44
PS-105	LP	E	RPX-040A, 41A, 61A, 63A	5.85
PS-106	LP	F	4G-040, 41, 50, 52, 53, 61, 63	5.85
PS-107	ST	G	GC-7	5.85
FOR GORING CARTRIDGES				
PS-108	LP	H	500SS, 500DD, 500SD	5.85

PS-109	Comb	I	560176, 560180, 560133, 560151, 560169, 560170	6.44
FOR MONARCH CARTRIDGES				
PS-110	ST	J	TC85	5.85
FOR PHILCO CARTRIDGES				
PS-111	Comb	K	45-9612, 76-4649, 425-0016	6.44
FOR R.C.A. CARTRIDGES				
PS-112	LP	L	74067	5.85
FOR RONETTE CARTRIDGES				
PS-113	LP	M	TO-200, TO-222, TO-284, TO-400 Series, RA284, DT60 Series	5.85
PS-114	ST	N	OV OV1, T1 and BF 40	5.85
FOR SHURE CARTRIDGES				
PS-115	LP	O	P-72, P-73, P-73R, P-75, P-76, P-77, P-80, W-21, W21AR, W-22A, WC-24, WC-25 Series	5.85
PS-116	Comb	P	ML44	6.44
PS-117	Comb	P	WC-10, WC-10D, PC-2 Series, PC-3 Series, PC-4 Series, PC-5 Series	6.44
FOR SONOTONE CARTRIDGES				
PS-118	Comb	Q	2T-LB-D, 2T-LB-SD, 9980-S, 9980-SD, 9980-D, 5T, 5T-LB-S, 5T-LB-SD	6.44
PS-119	Comb	Q	3T, 3TS, 3TD	6.44
PS-120	SS	R	8T and 8TA	6.44
PS-121	SL	R	8T and 8TA	6.44

SWITCHCRAFT CABLE ASSEMBLIES FOR WOLLENSAK, REVERE AND WEBCOR RECORDERS

Designed 6' cable with 3-cond. phone plug (G) with internal resistor to Phono Plug (B). For Webcor part 2925.
 MS-818 Shpg. wt., 4 oz. Net 1.89
 Unshielded 10' cable with 3-cond. Phone Plug (G) with internal resistor to Alligator clips (I) for Webcor part 2934.
 MS-819 Shpg. wt., 6 oz. Net 1.89
 White Shielded 6' cable with short RA 2-cond. Phone Plug (A) to standard 2-cond. Phono Plug (B).
 MS-820 Shpg. wt., 4 oz. Net 1.18
 White Shielded 25' cable with short RA 2-cond. Phone Plug (A) to std. 2-cond. short ext. Jack (C).
 MS-821 Shpg. wt., 8 oz. Net 1.47
 White Shielded 2' cable with short 2-cond. Phone Plug (A) to Phone Ext. Jack (C).
 MS-822 Shpg. wt., 2 oz. Net 2.32

MINIMIX FOR WOLLENSAK AND REVERE NO. 313

Designed especially for use with late models of Revere and Wollellensak Tape Recorders. Designed for mixing two sound sources into one output. Inputs are special jacks to accept those presently used on the above mentioned recorders. Special short plug output jack to fit microphone input jacks. Shpg. wt., 5 oz.
 MS-823 Net 5.28

(H) STEREO-MONAUAL SELECTOR

Provides instant switching from monaural to Stereo. Two Phono Jax Input and Two Phono Jax output. Attractive tan housing is completely shielded and may be mounted on cabinet. Supplied with mtg. screws. Shpg. wt., 8 oz.
 MS-685 Net 1.76

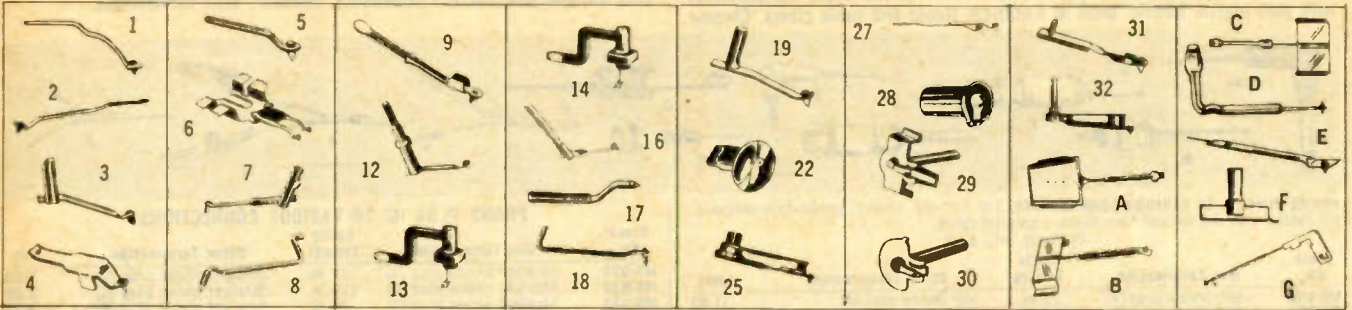
STEREO LINE BALANCE CONTROL

Dual Volume Control Adaptor Twin channel, high impedance circuits only. 2 phono jack inputs and 2 phono plug outputs with separate recessed volume controls. Tan finished. Completely shielded. Shpg. wt., 1 1/2 lbs.
 MS-690 Net 4.41

MAKE LAFAYETTE YOUR HEADQUARTERS FOR PHONO ACCESSORIES

LAFAYETTE DIAMOND STYLI

MADE FOR LAFAYETTE BY THE FOREMOST AMERICAN MANUFACTURERS



KEY TO POINT CODES HOW TO ORDER

The symbols in the column headed "PT SIZE" are explained in the table below.

LP = SINGLE 1 MIL MICROGROOVE FOR 33 1/3 AND 45 RPM

AG = SINGLE 2 MIL ALL GROOVE FOR ALL SPEEDS

ST = SINGLE 3 MIL STANDARD FOR 78 RPM

COMB = DUAL 1 MIL DIAMOND AND 3 MIL SAPPHIRE

Identify your needle by cartridge number and illustration and order by stock no. Note that all needles listed here are for monaural cartridges.

ALL DIAMOND STYLI ARE NOT ALIKE

Only Lafayette's Superior Diamond Styli are
 • MADE FROM WHOLE DIAMONDS • PRECISION GROUND
 AND POLISHED • VERTICALLY AND EDGEWISE GRAIN
 ORIENTED • SHADOWGRAPHED



Each Lafayette diamond stylus is made from individual diamonds, properly oriented and ground to close tolerance; shadowgraph tested to give you less wear per play and long service life. Avg. shpg. wt., 2 oz.

ANY DIAMOND or
 DIAMOND-SAPPHIRE
 NEEDLE IN THIS LISTING

2.59

FULL 1 YEAR GUARANTEE ON DIAMOND TIPS

Does not apply to sapphire tip
 of combination needles

DIAMOND NEEDLES

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR ADMIRAL CARTRIDGES				
PS-10	LP	1	409A11, 409A30D, 98A54-1	JPS-30LPD
PS-11	LP	2	40A15-2	E-90LPD
PS-12	AG	3	409A16	A-752D
PS-13	AG	4	409A17	JPS-322D
PS-14	LP	5	409B19-8	JPS-34LPD
PS-16	COMB	6	409B21	JPS-35SD
PS-15	COMB	6	409B20	JPS-36SD
PS-17	LP	7	409A3D	A81LPD

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR ACOS (MONARCH) CARTRIDGES				
PS-18	LP	8	37-1	AC-27LPD
PS-19	LP	9	HGP-59	AC-28LPD

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR ASTATIC CARTRIDGES				
PS-20	LP	3	AC Series, 40T, 41T, 40-1, 41-1	A-75LPD
PS-23	LP	12	42-1, 90T series, 10L-3, 11L-3,	M-70LPD
PS-24	COMB	13	408	A-68SD
PS-25	COMB	14	57T, 57TJ, 57TM	A-71SD
PS-23	LP	12	GCO, 409, 55-T, 55TJ, 55TM	M-70LPD
PS-23	LP	12	410	M-70LPD
PS-17	LP	7	CAC, CQ, CQ-1, LQD, LQO-1, QT, QT-33, 44-T, 46-1, 48-1, 166T Series	A-81LPD
PS-28	LP	16	LT-3D, LT-4, LT-4D, LT-4O-1, 18L3	A-73LPD
PS-29	AG	17	J-252D	A-74LPD
PS-27	LP	18	51-1, 53-1, 59-1, MG, GC, GC-1	A-74LPD
PS-30	LP	19	613-D, 8L3-D, 64T, 66, 66-1, 68	A-67LPD
PS-35	LP	54	94T series, 6L3, 8L3, 12L3, 61-1, 62-1, 68-1, 405, 406	CRA-55LPD
			118, 120, 124 series, 310T, 312T, 420, 422, 424T series, 310-1, 310-TB, TS, 312-TB, TS, 414-1	

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR AUDAK CARTRIDGES				
PS-38	LP	25	D-L-6, H1-Q7, L-6, R-2	AU-50LPD
FOR BANG & OLUFSEN CARTRIDGES				
PS-39	COMB	29	Fentone B&O 350RSTO, 72RSTO	80-350SD
PS-40	LP	30	Fentone B&O 350RSTO, 72RSTO	80-352LPD

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR ELECTRO-VOICE CARTRIDGES				
PS-11	LP	2	14, 20, 22, 34, 44, 46, 47, 74, 82, 82SM, 82DM, 84, 84SM, 84DM, 85D, 85DM, 86S, 86M, 86DM, 96T	E-90LPD
PS-42	AG	27	16, 16TT, 16-3, 16-5, 26	E-91SD

DIAMOND NEEDLES

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR ELAC MIRATWIN CARTRIDGE				
PS-43	LP	28	DM-2, SM-2	EL-250LPD
FOR GARRARD CARTRIDGES				
PS-44	LP	31	G.C. 2PA	GA-97LPD
FOR COLORING CARTRIDGES				
PS-49	LP	36	50DSS, 50DDO, 50SDS	GR500LPD
FOR MAGNAVOX CARTRIDGES				
PS-51	COMB	37	560176, 560180, 560133, 560151, 560169-1, 560170	M-50SD
PS-35	LP	54	560176, 560180	CRA-55LPD
PS-15	COMB	6	560177, 560188-1 Series	JPS-36SD
PS-70	COMB	51	560181	S-66SD

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR MARKEL CARTRIDGES				
PS-21	LP	10	A7094	A-89LPD

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR PHILCO CARTRIDGES				
PS-56	COMB	43	45-9612, 76-4649, 425-0016	PH-13SD
PS-57	LP	41	35-2682, 45-1609, 45-1612, 76-4053, 425-0017	M-60LPD
PS-56	COMB	43	45-0009, 425-0011, 425-0014	PH-13SD

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR PHILIPS (Norelco) CARTRIDGES				
PS-62	LP	45	AG3013, AG3015	PL-600LPD
PS-63	COMB	46	AC3001-10	PL-6D1SD

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR PERPETUUM EBNER CARTRIDGES				
PS-64	COMB	47	P12/RG	RX550SD
PS-65	COMB	48	PE-8, PE10	RX551SD
PS-66	LP	22	P7000 (MJ, MD) (LP only)	RX552LPD

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR R.C.A. CARTRIDGES				
PS-23	LP	12	74067	M-70LPD
PS-45	LP	32	74466	G-10LPD
PS-26	LP	49	74625, 75575	M-74LPD
PS-27	LP	18	74984, 76297	A-74LPD
PS-10	LP	1	55652, 76257, (980370-1), 75044	JPS-30LPD
PS-20	LP	3	76257, (988370-2)	A-75LPD
PS-55	LP	4	78478, 162A001	JPS-32LPD
PS-70	COMB	51	78748, 79807, 100653	S-66SD
PS-68	COMB	52	79791	S-63LPD
PS-25	COMB	14	100329	A-71SD

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR RONETTE CARTRIDGES				
PS-35*	LP	53	T0-200, T0-222, or T0-284, T0-400 series, RA284, DT60 series	CRA-55LPD
PS-69	LP	38	TX88, A	CRA-56LPD

*The open end type (Fig. 54) replaces both Fig. 53 & 54

DIAMOND NEEDLES

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR SHURE CARTRIDGES				
PS-16	COMB	6	WC10, WC10D, PC2 series, PC3 series, PC4 series, PC5 series	JPS-35SD
PS-15	COMB	6	ML44 series P-72, P-73, P-73R, P-75, P-76, P-77, P-80, W-21, W-21AR, W-22A, WC-24, WC-25 Series	JPS-36SD
PS-10	LP	1	PC11, PC13, PC40, PC40T, PC40ET, PC41, PC41-T, WC22AB-T, WC31AR, W31AR	JPS-30LPD
PS-14	LP	5	W72, PC42AD	JPS-34LPD

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR SONOTONE CARTRIDGES				
PS-68	LP	52	1P-1PS, 1P-1D, 1P-LB-1S	S-63LPD
PS-70	COMB	51	1P-LB-1D, 2TD, 2TS, 2T-SD, 2T-LB-D, 2T-LB-S, 2T-LB-SD, 9980-S, 9980-SD, 9980D, 5T, 5T-LB-S, 5T-LB-SD	S-66SD
PS-71	LP	52	3P-1S, 3P-1D, 3P-3S, 3P-3D	S-60LPD
PS-27	LP	18	759D1S, 759D-LB-1S	A-74LPD
PS-32	COMB	51	3T, 3TS, 3TD	S-61SD

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR TELEFUNKEN CARTRIDGES				
PS-72	COMB	64	T TSA	TE-18SD

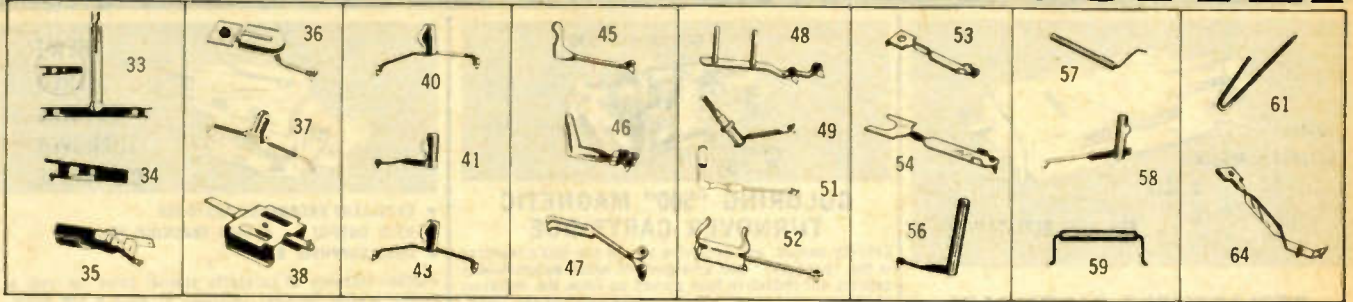
STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR WEBSTER ELECTRIC CARTRIDGES				
PS-75	LP	56	AB1M, AX(old)A1SM, A12M-1, A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11	W-15D
PS-77	LP	53	A100, A101, A103, A160, A200, A201, A202, A204, A260, B100, B200, B202, B205, B207	W57LPD
PS-17	LP	7	BX	A-81LPD
PS-10	LP	1	F11	JPS-30LPD
PS-76	AG	1	23-2024	JPS-312D

STEREO DIAMOND STYLI

All have single .7 mil stylus except* .7 mil diamond and 3 mil sapphire, + .7 mil diamond 1 mil sapphire.

STOCK NO.	DESCRIPTION	FIG.	NET
PS-81	For Ronette; DV, DV1, T1 & BF40	A	2.59
PS-80	For EV Series 26 & 21	B	2.59
PS-82*	For Sonotone BT & 8TA	C	2.59
PS-83*	For Sonotone BT & 8TA	C	2.59
PS-85	For RCA 106770 & 106771	D	2.59
PS-86	For Monarch TC8S	E	2.59
PS-87	For GE GC-7	F	2.59
PS-88	For ACOS 73-1	G	2.59

DIAMOND & SAPPHIRE STYLI



REPLACEMENT STYLI FOR GE CARTRIDGES

FOR GE VR II CARTRIDGES (FIG. 35)

Direct replacements for clip-in styli in GE VR II series models 4G-05D, 4G-05Z, 4G-053, 4G-04D, 4G-041, 4G-063, 4G-061 cartridges. Avg. shpg. wt., 2 oz.
 PS-48—1 mil diamond LP clip-in stylus. Replaces GE 4G-01D Net 2.59
 PS-546—1 mil sapphire LP clip-in stylus. Replaces GE 4G-01S Net 1.15
 PS-548—3 mil sapphire 78 clip-in stylus. Replaces GE 4G-03S Net 1.15

MODERNIZATION ASSEMBLIES (FIG. 33)

Modernize your old triple-play cartridge. These assemblies replace both the old and new series "A." Once installed, you can replace one point at a time.

DIAMOND SAPPHIRE. Replaces old RPJ-013 and new RPJ-013A. Avg. wt., 2 oz.
 PS-46—DUAL DIAMOND. Replaces old GE RPJ-012 and new RPJ-012A. Net 2.59
 PS-79—DUAL SAPPHIRE. Replaces old GE RPJ-010 and new RPJ-010A. Net 7.95
 PS-545—Net 2.10

STEREO STYLI FOR GE GC-7 (FIG. F.)

Exact replacement for GE Stylus ST-7D
 PS-87 Net 2.59

STYLI FOR OLD TYPE GE CARTRIDGES (FIG. 32)

Exact replacement for all old type single needle GE cartridges. Avg. wt., 2 oz.
 PS-45—Diamond 1 mil (LP) replaces GE RPJ-004 Net 2.59
 PS-541—Sapphire 1 mil (LP) replaces GE RPJ-005 Net .99
 PS-540—Sapphire 3 mil (78) replaces GE RPJ-001 Net .99

FOR GE SERIES A CARTRIDGES (FIG. 34)

Individual stylus replacements that clip in to all GE "A" series. Avg. wt., 2 oz.
 PS-47—Diamond 1 mil (LP) replaces GE RPJ-01D Net 2.59
 PS-543—Sapphire 1 mil (LP) replaces GE RPJ-01S Net 1.15
 PS-542—Sapphire 3 mil (78) replaces GE RPJ-03S Net 1.15

DIAMOND STYLI FOR



AS LOW AS

2.59

REPLACEMENT SAPPHIRE STYLI

Lafayette sapphire needles are of the finest quality, precision ground to fine tolerances. They are specially made for Lafayette by the finest manufacturers and brought to you at the lowest possible prices. All needles listed below have sapphire points except those marked with * which are osmium. Avg. shpg. wt., 2 oz.

ALL SINGLE SAPPHIRES (Points coded LP, AG, ST) .99
 ALL DUAL STYLI (Points coded COMB) 1.39
 ALL SINGLE OSMIUM (Stock Nos. With Asterisk) .60

SAPPHIRE NEEDLES

KEY TO POINT CODE

Table below explains symbols in column headed "PT. SIZE"
 LP—SINGLE 1 MIL MICROGROOVE FOR 33 1/3 AND 45 RPM
 AG—SINGLE 2 MIL ALL GROOVE FOR ALL SPEEDS
 ST—SINGLE 3 MIL STANDARD FOR 78 RPM
 COMB—DUAL 1 MIL AND 3 MIL SAPPHIRES
 S—SINGLE .7 MIL STEREO

STOCK NO.	PT. SIZE	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR ADMIRAL CARTRIDGES				
PS-500	LP	7	409A301	A-81P
PS-523	AG	3	409A16 409A15-2 409A13-1	A-75Z E-902 E-90LP
PS-507	AG	2	409A14, 409A15	JPS-30
PS-508	LP	2	409A11, 98A54-1	JPS-312
PS-509	ST	1	409A13, 409A13-2	JPS-30LP
PS-510	AG	1	409B19-9, 409A300	JPS-36
PS-511	LP	1	409B21	JPS-35
PS-516	COMB.	6		
PS-547	COMB.	6		
FOR ASTATIC CARTRIDGES				
PS-517*	ST	57	LT-1M, LT-2M, LT-3M	A-86
PS-518*	LP	57	66-3M, 66-3	A-86LP
PS-502	ST	7	Series; CAC, CQ, QT, LQO 44, 46, 48, 36, 403 62	A-81P A-74 A-74Z A-74LP A-75 A-75Z
PS-500	LP	7	Series; GC, 51	A-81LP
PS-519	ST	18	53, 59	A-74Z
PS-520	AG	18	402	A-74LP
PS-521	LP	18	Series; 10L3, 11L3, 310	A-75
PS-522	ST	3	AC, ACO	A-75Z
PS-523	AG	3	40, 41	A-75LP
PS-524	LP	3	Series LT, LQ, 66TMY 62T, 66-TY, 66-1M 66-3M, 66-1M, 66-2, 66-3	A-73LP
PS-527	LP	16	Series 14, 15, 66-1M	A-70
PS-528*	ST	58	66-3M, 66-TMY, 66TMB	A-70LP
PS-530*	LP	58	66-1, 66-2, 66-3, 66-TY, 66-TB	
PS-509	ST	1	PT, 66-3M, 66-3	JPS-30
PS-532	ST	19	Series; 12L3M, 62, 64	A-67
PS-533	AG	19	66, 68, 94-TB	A67Z
PS-534	LP	19	94-TMB, 405, 406	A-67LP
PS-535	ST	54	310T, 310TB, 310TS	CRA-55
PS-536	AG	54	310-2, 414-1, 420-TS	CRA-55Z
PS-537	LP	54	422-TS, 424-TS	CRA-55LP
FOR ELECTRO-VOICE CARTRIDGES				
PS-507	AG	2	Series; 10, 12, 13, 14, 20, 22, 33, 34, 43, 44, 46	E-902
PS-508	LP	2	47, 72, 74, 82, 84, 85, 86, 96	E-90LP
PS-538	COMB.	27	Series; 16	E-91
FOR RECOTON GOLDRING CARTRIDGES				
PS-549	ST	36	500 (SS, SO, OO)	GR-500LP

STOCK NO.	PT. SIZE	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR MAGNAVOX CARTRIDGES				
PS-502	ST	7	560052, 102500	A-81
PS-516	COMB.	6	560177-1	JPS-36
PS-516	COMB.	6	560188-1, -2	JPS-36
PS-550	COMB.	37	560133, 560170, 560151	M-50 CRA-55
PS-535*	ST	53	560176	
PS-537*	COMB.	54		CRA-55LP
PS-539	COMB.	51	560161	S-66
†The open end type (54) replaces both Fig. 53 & 54.				
FOR PHILCO CARTRIDGES				
PS-509	ST	1	25-267-1	JPS-30
PS-551	LP	41	35-2682, 45-1609, 45-1612, 76-4053	M-60LP PH-13 CRA-55
PS-552	COMB.	40	Series; 45, 76, 425	CRA-55Z
PS-535	ST	22		CRA-55LP
PS-536	AG	22	35-8014, 325-8021	S-66
PS-537	LP	22		S-61
PS-539	COMB.	51	325-8018	
PS-553	COMB.	51	325-8016	
FOR RCA CARTRIDGES				
PS-502	ST	7	73839	A-81
PS-521	LP	18	74984, 76297	A-74LP
PS-522	ST	3	76257, (988370-2)	A-75
PS-524	LP	3	101955	A-75LP
PS-509	ST	1		JPS-30
PS-511	LP	1	75044, 988370-1	JPS-30
PS-532	ST	19	102321, 101316	A-67
PS-534	LP	19	9890, 9353, 38453, 38598, 39550, 398151, 39919, 70332, 70336	A-67LP
PS-554	ST	12		M-70
PS-555	LP	12	70339, 72551, 75976, 74067, 74625	M-70LP
PS-556	ST	15	77779, 75475	M-74
PS-557	LP	15	75575	M-74LP
PS-539	COMB.	51	79807, 100653	S-66
PS-553	COMB.	51	103422	S-61
FOR RONETTE CARTRIDGES				
PS-535*	ST	53	Series; OT60	CRA-55
PS-536*	AG	OR		CRA-55Z
PS-537*	LP	54	T0284	CRA-55LP
PS-577	S	A	BF-40, Stereo-OV Stereo-OV-1	CRA-57X
PS-578	ST	A	OC-500, TC-422 OC-122, Stereo-OV, OV-1	CRA-57


STOCK NO.	PT. SIZE	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR SHURE CARTRIDGES				
PS-509	ST	1	Series, P-30, 35, 37, 70, 71, 72, 73, 75, 76, 77, 79, 80, 81, PC-30, 72V, W-21, 22, 23, 24, 65, 68, WC-60	JPS-30
PS-511	LP	1		JPS-30LP
PS-547	COMB.	6	ML 44 Series	JPS-35
PS-516	COMB.	6	PC-2, PC-3, PC-4, PC-5, WC10, WC100	JPS-36
FOR SONOTONE CARTRIDGES				
PS-519	ST	18	7590-1S, 7590-LB-1S, 7590-2M	A-74
PS-520	AG	18	7590-2S, 7590-LB-2M	A-74Z
PS-521	LP	18	590-LB-2S, 759-3S, 759-LB-3S	A-74LP
PS-539	COMB.	51	Series; 2T, 9980	S-66
PS-565	LP	52	Series; 1P	S-63LP
PS-553	COMB.	51	Series; 3T	S-61
FOR WEBSTER ELECTRIC				
PS-566*	COMB.	59	Series; F-14	W-05
PS-567	ST	56	A-1, A1-8, A7-A7-1, A7-5	W-14
PS-568	LP	56	A7-8, A8, A11-1	W-15
PS-509	ST	1	F10, F11, F10-1	JPS-30
PS-511	LP	1		JPS-30LP
PS-571*	AG	61	P1-2, P2-1, UX	W-122
PS-573	LP	53	A100, A101, A103, A200, A202, A204, Series B-100, B-200	W-57LP
PS-575	ST	53		W-57

LAFAYETTE SPECIAL STYLUS

.98 INSPECTION MICROSCOPE

With this pocket-sized inspection microscope you can examine your stylus tip for signs of wear, imperfections, general condition. Its 50X magnification is enough to provide a good, clear image for observation. The "objective" end has a curved metal guard which reflects light source for strong illumination; the slit in the guard also enables the centering of stylus in microscope field. Can be used with any stylus. Has adjustable objective lens. Size 3 3/4" long x 1/2" diam. Shpg. wt., 8 oz. Net .98

SPECIAL LAFAYETTE CARTRIDGE VALUES!



PK-168
LAFAYETTE SPECIAL!
1.25
RCA "45" REPLACEMENT

REPLACEMENT CARTRIDGES FOR RCA 74067

- Replacement for cartridges in many thousands of RCA45 and many LP record changers.
- 1 MIL SAPPHIRE STYLUS • 2.3V OUTPUT • HIGH IMPEDANCE CRYSTAL • TAKES 7-10 GMS PRESSURE
- 5/8" MTG CENTERS

EXACT REPLACEMENT FOR MANY STANOARD 45 RPM and 3 1/2 RPM CARTRIDGES

RCA		SHURE	
74067	75575	W31AR	P73AR
74625	76318	P73	P73R
75476		P73A	

EXACT REPLACEMENTS FOR RCA AND DECCA 45 RPM CHANGERS

RCA				
2T81	9EY36	9TW390	9W105	45EY
9EY3	9EYM3	9W41	45J2	45EY4
9EY31	9JY	9W101	9Y7	45EY15
9EY32	9JYM	9W102	9Y51	45EY26
9EY35	9TW333	9W103	9Y510	

DECCA

P903	P905	P906	P907
------	------	------	------

PK-168 Net 1.25
Sapphire replacement stylus for PK-168
PS-555 Net .99



PK-11
1.29

PHONO CARTRIDGES 3.5 VOLT OUTPUT

Guaranteed high quality exact duplicates for direct replacement of all standard cartridges such as L70, L82, L92, W60B, N10, and many others. Pin plug connectors for all 78 r.p.m.
PK-11 each 1.29



PHILCO
PK-94

PHILCO CARTRIDGE

Genuine Philco Universal replacement for Philco part numbers 425-0011, 425-0016 and 325-8024. Fits changer models M20, M22, M24, M24A, M25, M26 and many others. Comes with 2 styl. Shpg. wt., 12 oz.
PK-94 Net 7.50




GOLDRING "500"
PK-137
5.75

GOLDRING "500" MAGNETIC TURNOVER CARTRIDGE

Entirely unique, and exclusive among the 500's features is the "push-pull" coil arrangement which automatically cancels out inductive hum picked up from the radiation of changer motors, etc. This permits users of the "500" to realize the full potential of the variable reluctance principle. The "500" will fit any tone arm having standard 1/2" mounting holes to replace any cartridge without alteration of playing equipment. Shpg. wt., 13 oz.

PK-137—GOLDRING "500" cartridge with 2 sapphire styl Net 5.75



SONOTONE
2T-S
PK-40
3.25

SONOTONE 2T-S (Supersedes 9980-S) Turnover Ceramic Cartridge

This cartridge is used to replace Astatic AC, ACD, CAC, GC, LQD, ELECTRO-VOICE 16TT, 33, 43, 46T, 96T; SHURE WC series from WC22 to WC36, W22, W26; WEBSTER ELECTRIC AX, AI, A9-1. It is to be used on VM, Columbia 360, Webster, Crescent record changers and many other types now in use. Will give such hi-fi characteristics as extended frequency range and absence of distortion far beyond most cartridges it replaces—all with the added advantages of ceramic safety from humidity and heat. Has 1 mil stylus for LP records and 3 mil for standard—both sapphire. Shpg. wt., 8 oz.
PK-40—in lots of 5, ea 2.95 Singly, ea. 3.25



ZENITH
S22006

GENUINE ZENITH COBRA CARTRIDGES

All Zenith cartridges are identified by color. Just match color to obtain exact replacement. *For diamond cartridges listed below gold will replace green and blue; white replaces blue; gray replaces brown. wt., 5 oz.

STOCK NO.	ZENITH NO.	COLOR	COBRAMATIC MODEL	STYLUS	NET
0-10	S11473	Red	All to "L"	3 Mil Os	2.34
0-11	S15780	Red & Green	All to "L"	2 Mil Sapp	2.34
0-12	S15222	Green	All to "L"	1 Mil Sapp	2.34
0-13	*S21458	Gold	All to "L"	1 Mil Dia	10.00
0-14	142-73	Purple	"L" & "M"	3 Mil Sapp	3.34
0-15	142-72	Yellow	"L" & "M"	2 Mil Sapp	3.34
0-16	142-71	Blue	"L" & "M"	1 Mil Sapp	3.34
0-17	*142-74	White	"L" & "M"	1 Mil Dia	10.00
0-18	142-77	Brown	"R" & "T"	1 Mil Sapp	5.00
			Turnover	3 Mil Sapp	5.00
0-19	*142-76	Gray	"R" & "T"	1 Mil Dia	11.00
			Turnover	3 Mil Sapp	11.00

ZENITH 45RPM SPINDLE FITS ALL COBRAMATIC CHANGERS

Zenith S22006 spindle fits all models, Cobramatic changers and eliminates use of "spiders" and other devices to insert in records. Natural color matches any unit. Simple instructions with each unit. Shpg. wt., 1 lb.
PK-391 Zenith S22006 Net 4.35



GENUINE MAGNAVOX CARTRIDGES

Genuine Magnavox exact replacement cartridges complete with indicated styl. Shpg. wt., 12 oz.

STOCK NO.	MAG. NO.	FIG.	STYLI	NET
D-77	560158-2	A	Diam/Sapphire	11.52
0-78	560169-1	B	Diam/Sapphire	10.52



NEW!
STEREO
CRYSTAL
TURNOVER
CARTRIDGE

- EXCELLENT FREQUENCY RESPONSE
- HIGH OUTPUT • LOW TRACKING FORCE
- DUAL SAPPHIRE STYL

Another instance of Lafayette special value for you: a stereo crystal turnover cartridge at such a low price. Frequency response 40-14,000 cps. Tracks with low stylus pressure and high output voltage. Excellent channel separation for stereo effect. Supplied with turnover mechanism, knob and dual sapphire styl to play records of all speeds. Completely compatible. Fits all standard arms. Shpg. wt., 6 oz.

PK-258 Net 2.75

REPLACEMENT STYLI

PK-281—Sapphire Stereo LP	Net .69
PK-282—Sapphire STD (78)	Net .69
PS-86—DIAMOND Stereo LP	Net 2.59



REPLACEMENTS FOR RONETTE CARTRIDGES

Ni-Fidelity cartridge for use in Collora, Webcor, Garrard, VM and many players using Ronette cartridge type T0-284V or similar equipment with 2-sapphire styli for LP and 78. Output is .7 volts. Frequency response 30 to 15,000 c.p.s. Complete with turnover mechanism and knob. Will fit most tone arms. Shpg. wt., 6 oz.
PK-450 Net 1.75

HIGH OUTPUT MODEL

Similar to above to replace Ronette T0-222 and similar units. Output 2.2 volts. Frequency response 30-12,000 c.p.s. Shpg. Wt., 6 oz.
PK-451 Net 1.75



TX-88
6.76

RONETTE TX-88 HI-FI MOEEL

TX-88
This new wide range high fidelity crystal turnover cartridge has a frequency response flat from 30-24,000 cps. Output is 0.4 volts, which makes it useable without a preamp. It gives straight line response from new ortho records and so requires no equalization. Extremely high compliance stylus assembly just snaps into place. Complete with dual styl. Shpg. wt., 6 oz.
D-450 Net 6.76



A1745 **409B11-2**

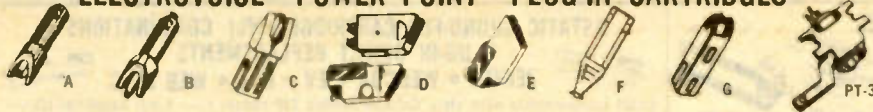
ADMIRAL CARTRIDGES

ADMIRAL A1745—Improved version of A1372. 3-prong snap-in type replaces both numbers. For Admiral changers, models RC170, RC170A, RC180, RC181 and RC182. Complete with 78 RPM Osmium needle. Shpg. wt., 12 oz.
0-100 Net 3.38

ADMIRAL 409B11-2—Turnover cartridge replaces 409A11 for Admiral changer models RC210, RC211, RC212, RC220, RC221, RC222, RC320, RC321 and RC322. Complete with two (LP and standard) osmium needles. Shpg. wt., 12 oz.
D-101 Net 6.20

ELECTRO-VOICE-SONOTONE-SHURE CARTRIDGES

ELECTROVOICE "POWER POINT" PLUG-IN CARTRIDGES



Integral cartridge and needle assemblies wide range high compliance. No soldering, no wiring. All less mount, slip right into old mount. If converting, use mounts listed below. Under Styli D = Diamond, S = sapphire.

MONAURAL TYPES (FIG. A)

Output 1 volt. 20-12,000 cps. Track force 5-8 grams.

Stock No.	Mfg. No.	Color	Styll	Speed	Net
D-223	51-1	Red	2-S-.001	LP	2.32
D-245	52-2	Green	2-S-.002	ALL	2.32
D-224	53-3	Black	2-S-.003	STD.	2.32
D-225	56	Blue	S-.001, S-.003	ALL	2.32
D-226	56DS	Orange	D-.001, S-.003	ALL	5.85

STEREO-MONAURAL POWER POINTS (FIG. B)

Play both stereo and monaural records. Output .5 volt 20-16,000 cps. Tracking force 5-8 grams.

Stock No.	Mfg. No.	Color	Styll	Speed	Net
D-227	61	Red-Silver	2-S-.7 Mil	S-LP	3.50
D-228	61DS	Red-Gold	D-.7 Mil, S-.7 Mil	S-LP	7.61
D-229	66	Blue-Silver	S-.7 Mil, S-3 Mil	S-3	3.50
D-230	66DS	Blue-Gold	D-.7 Mil, S-3 Mil	S-3	7.61

MOUNTS FOR POWER POINTS

Type PFT-1. Fixed for 51-1, 52-2, 53-3	
D-243	Net .59
Type PT-2 Turnover. For models 56, 56DS	
D-244	Net .59
Type PFT-3. Fixed for 61 and 61DS	
D-239	Net .59
Type PT-3 Turnover for 66 and 66DS	
D-238	Net .59

Under "Speed" STD = 78; LP = 33 1/3 and 45, ALL = 33 1/3, 45, and 78. S3 = Stereo and all monaural speeds; S-LP = Stereo and 33 1/3 and 45 LP. Shpg. wt., 3 oz.

EXACT REPLACEMENTS FOR ZENITH COBRAS

Stock No.	E.V. No.	Zen. No.	Styll	Speed	Fig.	Net
D-247	3500-D	142-74	D-.001	LP	D	8.82
D-248	3501	142-71	S-.001	ALL	D	2.94
D-249	3502	142-72	S-.002	LP	D	2.94
D-250	3504DS	142-76	D-.001, S-.003	ALL	E	9.70
D-251	3505	142-77	S-.001, S-.003	ALL	E	4.41
D-252	256DS	142-88	D-.001, S-.003	ALL	F	5.85
D-253	Z51-1	142-89	2-S-.001	LP	F	2.32
D-254	Z56	142-87	S-.001, S-.003	ALL	F	2.32

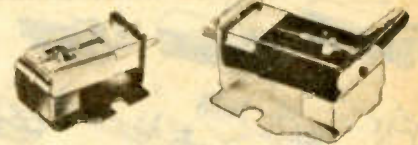
EXACT REPLACEMENTS FOR WEBCOR (FIG. C)

D-246	76	White	S-.001, S-.003	ALL		2.32
D-231	76DS	Pink	D-.001, S-.003	ALL		5.85

EXACT REPLACEMENTS FOR ASTATIC (FIG. G)

Stock No.	E.V. No.	AST No.	Styll	Speed	Net
D-210	13	13T	S-.7 Mil, S-3 Mil	S-3	4.09
D-211	13DS	13TX	D-.7 Mil, S-3 Mil	S-3	7.61
D-233	81	81T	S-1 Mil, S-3 Mil	ALL	2.32
D-234	81DS	81TX	D-1 Mil, S-3 Mil	ALL	5.85
D-255	89	89T	S-1 Mil, S-3 Mil	ALL	2.91
D-256	89DS	89TX	D-1 Mil, S-3 Mil	ALL	6.44

EV. SERIES 20 HI-FI STEREO-MONOPHONIC CARTRIDGES



Hi-Fi Ceramic cartridges. Exclusive design eliminates turntable rumble. 21 series are single needle types with .7 mil styll to play stereo and LP monaural. 26 series are turnover types with .7 mil and 3 mil styll to play stereo and all monaural records. Types with * match magnetic phono input. TIP CODE S = SAPPHIRE, D = DIAMOND, Freq. 20-15,000 cycles ± 2 1/2 DB with 3 mg input load. Tracking force 6 grams; output .5 volt, separation 20 db; vert. rumble rejection 15 db; distortion below 3%. Standard 1/4 to 1/2" mtg. centers. Shpg. wt., 3 oz.

Stock No.	E.V. No.	Styll	Net
D-212	21S	S-7	5.59
D-213	21MS*	S-7	7.35
D-214	21D	D-7	8.82
D-215	21MD*	D-7	10.58
D-216	26ST	S-7, S-3	6.17
D-217	26MST*	S-7, S-3	7.94
D-218	26DST	D-7, S-3	9.70
D-219	26MDST*	D-7, S-3	11.57

E. V. REPLACEMENT NEEDLES

For series 21 and 26 cartridges.

Stock No.	E.V. No.	Tip	Net
D-237	D1-1	.7 Mil D	4.41
D-241	S1-1	.7 Mil S	1.47
D-242	S-3	3 Mil S	1.47

SONOTONE ARMS AND CARTRIDGES



STEREO TONE ARM WITH CARTRIDGE

Attractive light weight plastic arms with series 12 stereo crystal cartridge with 2 sapphire styli. See listing at right for specs. 8 1/2" long. Shpg. wt., 2 lb.

Stock No.	Mfg. No.	Cart.	Color	Volt	Net
D-402	T-81	12THS	Gray	2 1/2	4.38
D-403	T-11	12THS	Brown	2 1/2	4.38
D-404	T-81	12TLS	Gray	1	4.38
D-405	T-11	12TLS	Brown	1	4.38

SERIES 8TA CERAMIC STEREO-MONO CARTRIDGE



An excellent performer for stereo or standard (monaural) records is the new Sonotone ceramic stereo cartridge, series 8TA. These cartridges incorporate rumble suppression (important in stereo), 4 terminals for minimal hum, and have standard 1/2" mounting centers for use in all standard phono arms. Response is 20-15,000 cps with gradual roll-off to 20,000 cps; output is 0.3 volts; compliance is 3x10⁻⁴ cm/dyne. Recommended load is 2 megohms/100 mmf, for each channel. Channel isolation is 20 db; tracking force is 3-6 gm.; cartridge weight 7 1/2 gms. All models are turnover types with 2 styli for all monaural and stereo records. S = Sapp, D = Diamond. Avg. shpg. wt., 4 oz.

Stock No.	Son. No.	Styll	Net
D-389	8TA-4S	S-7-S3	8.53
D-391	8TA-4SD	D-7-S3	11.47
D-393	8TA-4S77	S-7-S-7	8.53

SERIES 12 STEREO CRYSTAL CARTRIDGES

4 Lead turnover stereo cartridges. * for stereo, LP and 78. others for Stereo and LP. With 2 sapphire styli. Complete with mtg. bracket and plug connectors. Shpg. wt., 4 oz.

Stock No.	Mfr. No.	Volts	Styll	Net
D-406*	12TH-S	2 1/2	.7 & 3 Mil	3.79
D-407	12TH-S77	2 1/2	TWO .7 Mil	3.79
D-408*	12TL-S	1	.7 & 3 Mil	3.79
D-409	12TL-S77	1	TWO .7 Mil	3.79

SONOTONE 3T CERAMIC CARTRIDGE

For monaural use. Features extended response of 20-15,000 cps, with gradual roll-off to 20,000 cps. Built-in RIAA equalization. Superior compliance. With 1 mil and 3 mil styll assembly. Tracks at 6 gm. Shpg. wt., 3 oz.

Stock No.	MODEL	STYLLUS	NET
D-382	3T-S	dual sapphire	7.35
D-384	3T-SD	diamond-sapphire	10.88

SONOTONE STYLI

Number and letter between dashes under model identify cartridge with which used. All dual types. Tip code: S = Sapphire D = Diamond, 1 = 1 mil, 3 = 3 mil, 7 = .7 mil.

Stock No.	Mfr. No.	Tip	Net
D-377	N-2T-S	S1-S3	2.06
D-378	N-2T-SD	D1-S3	6.76
D-383	N-3T-S	S1-S3	2.06
D-385	N-3T-SD	D1-S3	7.06
D-387	N-8TA-S	S7-S3	2.06
D-386	N-8TA-SD	D7-S3	7.35
D-392	N-8TA-S77	S7-S7	2.06

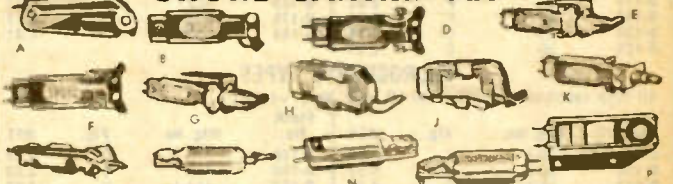
SONOTONE UNITIZED CERAMIC STEREO CARTRIDGES

This fully compatible ceramic stereo cartridge can be installed in practically any tone arm in a few minutes. Terminal soldering has been eliminated by a unique plug socket design. Covers the complete high fidelity range 20-15,000 cycles flat RIAA. 0.5V output, 6-8 gms tracking force. Shpg. wt., 6 oz.

Stock No.	Mfr. No.	Description	Net
D-394	10T2-S	Turnover mount with .7 mil and 3 mil sapphire styli	3.79
D-395	N10T2-S	as above, less mount and socket	3.50
D-396	10T2-SD	Turnover mount with .7 mil diamond and 3 mil sapphire	7.91
D-397	N10T2-SD	as above, less mount and socket	7.61
D-398	10T2-S77	Turnover mount with two .7 mil sapphire styli	3.79
D-399	N10T2-S77	as above, less mount and socket	3.50
D-400	10T2-SD77	Turnover mount with diamond & sapphire .7 mil styll	7.91
D-401	N10T2-SD77	as above, less mount & socket	7.61

SHURE CARTRIDGES

Shpg. wt., 6 oz.



SHURE CARTRIDGES

All Purpose Single Needle Cartridges For 33 1/3, 45, 78 RPM Records. All with single 2 mil osmium styllus except * is sapphire. All are crystal except † is ceramic.

Stock No.	Model	Fig.	Output	Net
D-309	W26*	B	.87V	3.82
D-310	WC38†	A	.9V	4.41
D-312	W66B	O	2.0V	4.12
D-314	W70	P	3.0V	2.91

Standard Cartridges For 78 RPM Records. All are crystal. W56N has bifurcated combination playback and recording styllus for Wilcox-Gay Recordette. W68 has single 3 mil osmium styllus. W70 supplied less needle.

Stock No.	Model	Fig.	Output	Net
D-311	W56N	N	4.3V	5.88
D-313	W68	O	1.6V	4.41
D-316	W78	M	4.0V or 2.0V	3.26

SHURE CARTRIDGES

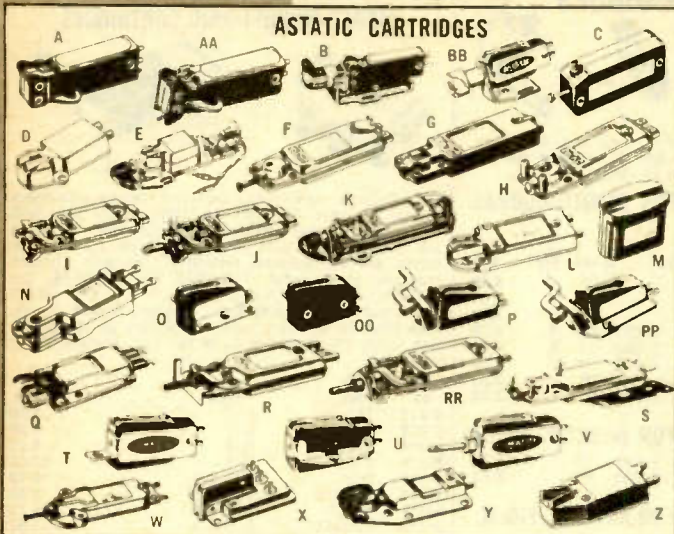
Turnover Cartridges For 33 1/3, 45 and 78 RPM Records. All with dual sapphire stylli, except * have dual osmium stylli. All are ceramic except † are crystal.

Stock No.	Model	Fig.	Output	Net
D-304	W22†	D	1.2V	5.59
D-305	W22†	E	1.2V	5.88
D-306	WC24*	F	0.6V	5.14
D-307	WC24†	G	0.6V	5.44
D-308	WC25	K	.65V	5.59
D-315	W72†	L	.3V	5.00

"Twin-Lever" Cartridges for 33 1/3, 45 and 78 RPM Records. All with dual sapphire stylli except * has diamond and sapphire stylli. All are ceramic except † is crystal.

Stock No.	Model	Fig.	Output	Net
D-300	WC6	H	.5V	8.53
D-301	W9†	J	3.5V	5.59
D-302	WC10	H	.78V	5.59
D-303	WC100*	H	.78V	19.99

ASTATIC PICKUP CARTRIDGES



ASTATIC CARTRIDGES

ASTATIC SOUND-FLO CARTRIDGE-STYLI COMBINATIONS PLUG-IN DIRECT REPLACEMENTS ZENITH • WEBCOR • EV • RCA • WEB ELEC

Exact replacements with styli. Column headed TIP coded: L — 1 mil sapphire; LD — 1 mil diamond; LS — 1 mil and 3 mil sapphires; LD-S — 1 mil diamond and 3 mil sapphire; LL — two 1 mil sapphires; CC — two 2 mil sapphires; SS — two 3 mil sapphires. Dot color identifies original cartridge. Shpg. wt., 4 oz.

Stock No.	Ast. No.	Dot	Tip	E.V.	Replaces			NET
					Webcor	Web. El.	Zenith	
D-197	91T	White	L-S	76S	A1919	V-2	—	2.32
D-198	91TX	Pink	LD-S	76DS	A1920	V-2D	—	5.85
D-199	93T	Blue	L-S	56	—	V-1	142-80	2.32
D-200	93TX	Orange	LD-S	56DS	—	V-1D	142-83	5.85
D-201	93T-1	Red	L-L	51-1	—	—	—	2.32
D-202	93T-2	Green	C-C	52-2	—	—	—	2.32
D-203	93T-3	Black	S-S	53-3	—	—	—	2.32

PLUG-IN CARTRIDGE FOR RCA

Exact replacement for RCA part 105837 used in models 9JD1, 9ED2, 93D3, 6EY3D. Type 89-1 silicone filled, used in RCA—Chrysler automobile phonographs.

D-158 ASTATIC 83-1. With 1 mil sapphire	Net 2.06
D-159 ASTATIC 83-1X. With 1 mil diamond	Net 7.06
D-160 ASTATIC 89-T. With 1 mil sapphire	Net 2.91

TURNOVER TYPES

All are equipped with dual sapphire styli; 1 mil (LP) and 3 mil (Std 78). Average shpg. wt., 6 oz.

Stock No.	Mfr. No.	Fig.	NET	Stock No.	Mfr. No.	Fig.	NET
D-128	40T	AA	4.09	D-167	124TS	V	3.79
D-129	40TB	B	4.97	D-168	310T	V	3.20
D-132	41T	AA	5.58	D-169	310TS	V	3.20
D-133	41TB	P	5.88	D-171	312T	U	3.20
D-139	53T	P	4.67	D-172	312TS	V	3.66
D-141	55T	PP	4.67	D-189	314TS	V	3.20
D-142	57T	PP	5.59	D-190	316TS	V	3.50
D-146	62TB	K	5.88	D-177	405	J	4.67
D-147	62TY	J	4.67	D-178	406	RR	4.67
D-148	64TS	R	4.09	D-181	409	PP	5.59
D-151	66TB	K	5.29	D-182	410	Q	3.82
D-152	66TS	RR	4.26	D-185	420TS-TB	BB	3.20
D-153	66TY	J	3.82	D-186	422TS-TB	BB	3.82
D-165	118TS	V	3.79	D-187	424TS	V	3.50
D-166	120TS	V	3.79	D-191	426TS	V	4.41

STANDARD GROOVE TYPES

Single needle type for STD (78) only. Types marked * have sapphire 3 MIL styli, † has osmium stylus, others less needle. Shpg. wt., 6 oz.

Stock No.	Mfg. No.	Fig.	NET	Stock No.	Mfg. No.	Fig.	NET
D-111	2	C	5.29	D-127	32	G	2.62
D-112	4	G	2.62	D-150	66-3*	H	2.91
D-113	6	G	2.62	D-174	401	W	3.50
D-116	12	F	2.62	D-175	402†	X	4.67
D-117	12U	F	2.91	D-176	403*	D	6.17
D-124	24	G	2.91	D-188	430*	Z	4.41
D-125	26	G	2.91				

MICROGROOVE TYPES

All with sapphire 1 mil styli for LP only. Shpg. wt., 6 oz.

Stock No.	Mfg. No.	Fig.	NET	Stock No.	Mfg. No.	Fig.	NET
D-130	40-1	A	3.82	D-110	310-1	T	2.91
D-136	50-1	M	5.59	D-180	408	Q	2.52
D-137	51-1	O	4.35	D-183	414-1	U	2.52
D-145	62-1	Q	2.91				

ALL GROOVE TYPES

All equipped with single 2 MIL sapphire styli for all speeds except * is osmium tip and † is less needle.

Stock No.	Mfr. No.	Fig.	NET	Stock No.	Mfr. No.	Fig.	NET
D-122	16†	H	2.32	D-149	66-2	H	2.91
D-123	22†	H	2.32	D-164	106†	S	2.91
D-126	28†	N	2.32	D-170	310-2	T	2.91
D-131	40-2	A	3.82	D-173	312-2	T	3.21
D-138	51-2	O	4.35	D-179	407*	Y	2.52
D-140	53-2	OO	4.35	D-192	414-2	U	2.52
D-143	59-2	O	5.00	D-184	416-2	U	3.20
D-144	60-2	H	4.12				

STEREO-MONAUROAL CARTRIDGES

Crystal turnover cartridges equipped with .7 mil and 3 mil styli to play stereo, LP and standard 78 RPM records. Shpg. wt., 6 oz.

Stock No.	Fig.	Mfr. No.	Output	Press.	Freq.	NET
D-193	A	70-TS	2.0 V	8 gr.	50-10K	4.26
D-194	A	74-TS	2.0 V	8 gr.	50-10K	4.26
D-195	B	76TS-TB	2.0 V	8 gr.	50-10K	4.67
D-196	A	80-TS	0.8 V	6 gr.	50-15K	4.41

ASTATIC SOUND-FLO CERAMIC STEREO CARTRIDGES

These ceramic cartridges replace most existing monaural ceramic and crystal cartridges. Completely compatible, plays either stereo or monaural records. 4 terminals for hum-free performance. Channel separation, 20 db except 13AT and 13ATX is 25 db. Response 20-15,000 cps except 13AT and 13ATX is 30-20,000. RIAA equalized. 0.5v output. 6 gm tracking force. Fits all standard arms with Astatic mounts. Complete with needle-cartridge plug-in assemblies. Shpg. wt., 6 oz.

D-114 ASTATIC 1177. Cartridge with turnover mount; 2 — 0.7 mil sapphire styli for extended stylus life with 33 1/3 and 45 rpm monaural and stereo records.	Net 4.67
D-115	Net 4.09
D-114 ASTATIC 1177. Same as 1177 but cartridge only, less mount	Net 4.09
ASTATIC 13TB. Cartridge with turnover mount; one 0.7 mil and one 3 mil sapphire stylus. For all monaural and stereo records.	Net 4.67
D-119	Net 4.09
D-118 ASTATIC 13T. Same as 13TB but less mount	Net 4.09
ASTATIC 13TBX. Cartridge with turnover mount; one 0.7 mil diamond and one 3 mil sapphire stylus.	Net 7.03
D-120	Net 6.44
D-121 ASTATIC 13TX. Same as 13TB but less mount	Net 6.44
ASTATIC 13AT. Cartridge with one .7 mil and one 3 mil sapphire; less holder.	Net 4.67
D-204	Net 8.20
ASTATIC 13ATX. Same as 13AT but with diamond .7 mil and 3 mil sapphire; less holder.	Net 8.20
D-205	Net 4.26
D-206 ASTATIC 9-7B. Cartridge with one .7 mil sapphire plus holder	Net 4.26
D-207 ASTATIC 9-7BX. Same as 9-7B but diamond	Net 7.79

ASTATIC SOUND-FLO PLUG-IN MONAUROAL CARTRIDGES

Outstanding plug-in ceramic cartridge and needle combinations. Turnover type with dual 1 mil and 3 mil styli.

81 SERIES WIDE RANGE	
NO 81TB. Replaces Sonotone 2T, E-V 56, Shure PC2, 4 series and many others. Complete assembly includes cartridge, 2 sapphire styli, mtg. bracket, housing, turnover lever. Shpg. wt., 6 oz.	Net 2.91
D-156	Net 2.32
D-154 81T. Replacement cartridge and styli assembly for 81TB	Net 2.32
D-155 81TBX. Same as 81TB except with diamond-sapphire styli	Net 5.37
D-157 81TX. Replacement cartridge and styli assembly for 81TBX	Net 4.68

89 SERIES HIGH FIDELITY

NO 89TB. Replaces Sonotone 3T, E-V 86, Shure PC-6 series, Magnavox 560212-2, 560192-1, 560215-2. Complete assembly includes cartridge, 2 sapphire styli, mtg. bracket, housing, turnover lever. Shpg. wt., 6 oz.	Net 3.50
D-161	Net 2.91
D-160 89T. Replacement cartridge and styli assembly for 89TB	Net 2.91
D-162 89TBX. Same as 89TB except with diamond-sapphire styli	Net 7.03
D-163 89TX. Replacement cartridge and styli assembly for 89TBX	Net 6.43

ASTATIC MOUNTING BRACKETS

STEREO MOUNTS	MONAUROAL MOUNTS
Astatic type MB-2 for types 1177, 13T, 13TX, 13AT and 13ATX. Shpg. wt., 2 oz.	Astatic type MB-3 for types 81T, 81TX, 89 and 89TX. Shpg. wt., 2 oz.
D-134	D-135
.59	.59

SPECIAL LAFAYETTE VALUES-T&L PADS-FADERS

STEREO LEVEL BALANCE CONTROL

- Dual Concentric 8 ohm L Pads
- Logarithmic Curve

2.89



Provides individual level control for stereo speakers. Varies "brilliance" or "presence" Controls stereo extensions without mismatching. Dual control mounted on concentric shaft. Gold-finished brass plate and attractive black knobs with gold trimming. L pad for 8 ohm circuits. Plate is 2 1/8" across; overall depth 3/4". Shpg. wt., 10 oz.
VC-55 Level Control

Net 2.89

DELUXE STEREO LEVEL BALANCE CONTROL

- Dual Concentric 8 ohm L Pad
- Logarithmic Curve

3.95

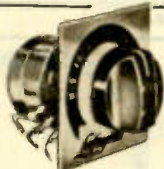


Two phono jacks enable you to plug in extension or monitoring speakers from the front. Screw terminals in the rear provide for a simple, permanent hookup. Control mounted on concentric shaft. Brushed brass plate with attractive black with gold-trim knobs. Concentric 8 ohm L pads. Use it to control volume on a second set of speakers. Plate is 4 1/2 x 2 3/4"; from front of knob to plate 1"; Overall depths 3 3/4". Shpg. wt., 1 lb.
VC-56 Deluxe Level Control

Net 3.95

LAFAYETTE L PADS

1.39



New L pads for use as "brilliance" controls to vary tweeter level, or as "presence" controls to vary mid-range speaker level. Both wirewound elements are concentrically mounted within one plastic housing. With gold-finished metal escutcheon plate, mtg screws, and attractive black knob. Size: 1 1/2" dia., 7/8" deep (less shaft), 2 1/2" deep overall. Shpg. wt., 6 oz.
VC-49—L pad for 8 ohm circuits
VC-50—L pad for 16 ohm circuits

Net 1.39
Net 1.39

LAFAYETTE T-PADS

3.85



T Pads (D). Constant impedance control to adjust speaker volume. With brass satin plate for wall mounting. With all parts and instructions. Shpg. wt., 10 oz.
VC-51 8 ohm T Pad
VC-52 16 ohm T Pad

Net 3.85
Net 3.85

LAFAYETTE REMOTE SPEAKER FADERS

AS LOW AS

1.10



Remote Speaker Fader (E). Provides adjustable volume level for Radio, TV, Hi-Fi and remote speaker. Gradually increases volume on one speaker while diminishing volume on the other. May also be used to adjust volume for 1 speaker. Gold plate for front panel mounting. With instructions. Shpg. wt., 6 oz.
VC-53
Remote Speaker Fader (G). Same as VC-53 except for wall mounting. Shpg. wt., 6 oz.
VC-54

Net 1.10

Net 1.55

MINIATURE HI-FI AUDIO MIXER

1.59



With this handy, small mixer you can announce titles before playing records, mix two high impedance microphone inputs or perform any other mixing operation where 2 high impedance input channels are converted to a single mixed high impedance input channel. Each input channel has its own easy acting level control for quiet mixing; all mounting in shielded, chrome plated housing. Has momentary switch to protect speaker while inserting into system. Has 2 RCA type female input jacks and one male RCA plug on output side. Overall size 2 3/4 x 1 3/4 x 7/8". Shpg. wt., 1/2 lb.

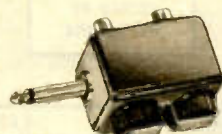
PK-239 AUDIO MIXER Net 1.59

AUDIO MIXER—Same quality and characteristics as PK-239 except output is standard Phone Plug. Size 3/4 x 1 3/4 x 1 1/4" overall.

PK-242 Net 1.59

AUDIO MIXER—Same quality and characteristics as PK-239 except output is standard Female Mike Connector. Inputs consist of 2 Male Mike Connectors. Size 2 3/4 x 1 3/4 x 7/8" overall.

PK-243 Net 1.59



1.59



1.59

STEREO SELECTOR SWITCH

1.59

- Now have stereo in every room in your home

- Permits remote selection of any 3 pairs of speakers



A constant impedance speaker selector switch for multiple-speaker Stereo Hi-Fi. Selects 3 sets of speakers in any combination, with up to 60 watts of audio power. Mounted on an attractive, gold-finished, steel, electric outlet plate. 2 3/4 x 4 1/2". Shpg. wt., 1 lb.

MS-765 Stereo Speaker Selector Switch Net 1.59

RECORDER PATCH CORD

Ideal For Making Connections From Radio, Phono or TV To Tape Recorder



Handy 6 ft. lead has insulated alligator clips at one end and RCA phono plug at the other. Supplied with shielded phono plug adapter to adapt the RCA phono plug to standard phono plug if necessary. Attach alligator clips to speaker terminals and simply plug other end into tape recorder. Ideal for recording from Radio, Phono or TV. Shpg. wt., 8 oz.
MS-565

.67

.67

VOLUME CONTROL ADAPTER STEREO LINE BALANCE

.98

Built-in volume control circuit permits high volume signals to be fed into the high gain input of tape recorders without overloading. Phono jack input to phono plug output. Completely shielded. Designed for use in unbalanced stereo channels; use in pairs for dual stereo channel control. Shpg. wt., 6 oz.

MS-770 Net .98



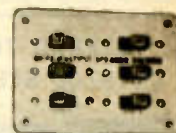
1.10

VOLUME CONTROL ADAPTER—Same as MS-770 above except has phono jack input to a 2-conductor standard phone plug output. Shpg. wt., 6 oz.
MS-769

Net 1.10

LAFAYETTE MULTIPLE 6 SPEAKER SWITCHES

(A) AS LOW AS **1.19**



Multiple Speaker Switch (A). Constant impedance device for controlling any 6 remote speakers; up to 63 different combinations. Wall mounting with brass plate. Shpg. wt., 10 oz. With instructions and hardware.

MS-459 Net 2.10

Multiple Speaker Switch (H). Identical to above but mounted on flat, gold-embossed plate for mounting on flat panel. 3 1/2 x 2 3/4". Shpg. wt., 10 oz.
MS-544

Net 1.19

LAFAYETTE 3-SPEAKER SELECTOR SWITCHES



(B)



(C)

(Fig. B) Selects any one of 3, or any combination of 2 or 3 speakers with up to 60 watts of audio power. A constant impedance device. On gold finished steel electric outlet plate with black and ivory knob. 2 3/4 x 4 1/2". Shpg. wt., 1 lb.

MS-458

(Fig. C) Same as above in enclosed case 3 1/4 x 4 1/2 x 2 1/4".

MS-567 Net 1.89

LAFAYETTE REMOTE SPEAKER SWITCHES



(C)



(F)

Remote Speaker Switch (C). Connects remote speaker to any existing set. Turns both on or either speaker on or off. With gold embossed plate for front panel mounting. Shpg. wt., 6 oz.
MS-469 With all parts and instructions

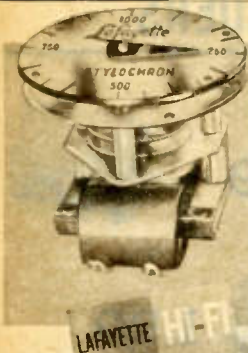
Net .95

Remote Speaker Switch (F). Same as MS-469, except for wall mounting. Shpg. wt., 6 oz.
MS-470

Net 1.50

EXCEPTIONAL VALUES IN PHONO ACCESSORIES

NEW! EXCLUSIVE LAFAYETTE STYLOCHRON



- PROTECT YOUR PRECIOUS RECORDINGS.
- NO MORE GUESS WORK — KEEPS AN ACCURATE RECORD OF NEEDLE USE.

More precious recordings are ruined by tardy replacement of the needle than by any other cause. Now, there is no need to let this happen, especially to your doubly precious stereo recordings. Lafayette Stylochron lets you know just how long your needle has been in use so that you can replace the worn needle at the proper time, before it can do damage to your records. The Stylochron is quickly and easily mounted on your motor board or other convenient place. The moment your record changer or turntable starts, the Stylochron begins to register. It stops when the turntable stops. The 1000 hour dial will tell you at any time how long you have been using the needle. Dial is marked off in 50 hour units. You can remove your stylus for inspection at any predetermined number of hours. Diameter of the face plate is $2\frac{3}{8}$ ". Extends $1\frac{7}{8}$ " below or behind panel. Complete with instructions. Shpg. wt., 2 lbs.

PK-224 Net 4.95



1.95

A LAFAYETTE SPECIAL! TONE ARM CONTROL

An absolutely essential addition for every Hi-Fi enthusiast. Ends groove and stylus damage caused by accidental dropping of tone arm onto record, greatly extending record life. Accurately and smoothly lowers tone arm into run-in groove and lifts arm off record at end of play. Ideal for "cueing." Designed to fit practically every known turntable arm as well as record changer with manual features. Supplied with adhesive mounting base to keep unit in position and with both wood and metal mounting screws for permanent installation. Shpg. wt., 6 oz.

Net 1.95

LAFAYETTE HIGH FIDELITY STEREO-MONAUROUS TEST RECORD

- TESTS RUMBLE EACH CHANNEL ● TESTS LEVEL EACH CHANNEL
- TESTS BALANCE ● TESTS EQUALIZATION ● STYLUS WEAR TEST
- TESTS RESONANCE ● INCORPORATES PHASE CHECK

A Lafayette exclusive to help you check both stereo and monaural systems. For stereo testing this two-sided 12" L.P. stereo record has on its stereo side two 1000 cycle bands to check the level of each channel separately; balance check to set the level of each channel using special metronome recording; rumble test. There are stylus wear test grooves on both outer and inner edges of each side to check both stereo and monaural stylus. Incorporates phase adjusting check to simplify phasing of speakers. For monaural testing it provides an RIAA equalization test

in 9 steps from 30 to 15,000 cycles, a continuous glide band from 10 to 35,000 cycles, to test for resonances of tone arm or of cabinet. The periodic use of this record to check on your equipment performance will easily pay off by catching any costly deficiencies or by diagnosing faults and errors. Also features sections of stereo sound effects of jet planes, boat whistles, etc. A terrific value and a "must" for the Hi-Fi enthusiast. Comes with complete instructions for use. Shpg. wt., 1 lb.

PR-14 Net 2.95

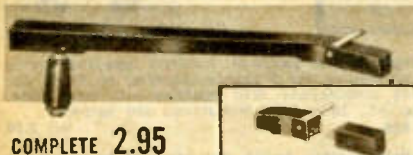


7" STEREO-MONOPHONIC TEST RECORD 1.59

This invaluable dual-purpose test record has four bands for stereo checks only — plus three bands for checking stereo OR monophonic equipment. Tests channel separation, balance, transient response, phasing, lateral and vertical quality, rumble, turntable speed, stylus condition, wow and flutter and frequency response — all without the use of test equipment; user simply listens to the record. If test equipment is used, highly accurate results approaching laboratory standards can be obtained. Shpg. wt., 6 oz.

Net 1.59

STEREO TONE ARM with CRYSTAL STEREO CARTRIDGE

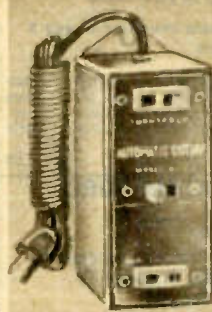


COMPLETE 2.95

An exceptional value! A stereo tone arm ready for use with all stereo and monaural LP records at an amazingly low price. Modern, plastic, straight line design with off set plug-in head which has a wide-range stereo cartridge with single sapphire stylus. Output is 1 volt per channel — high enough to connect directly to basic amplifier. Stylus pressure adjustable by variable spring tension. Has finger-lift for ease in handling. Mounts easily — requires only one $\frac{3}{8}$ " hole and is secured by single locknut. May be mounted on turntable base of up to $\frac{3}{4}$ " thickness. Easy height adjustment at base of arm. Overall length 10". Finished in gleaming black with gold trim. Shpg. wt., 1 lb.

PK-171 Stereo Tone Arm with cartridge Net 2.95
PK-172 Replacement cartridge Net 1.95
PS-576 Replacement needle Net .69

NEW! AUTOMATIC CUT-OFF



- Automatically Turns Off Hi-Fi System
- Plugs in — No Special Wiring
- May be Used With Record Changer Employing Automatic Shut-Off

SPECIAL!
3.45

Automatically shuts off complete Hi-Fi System after last record has been played. May be used with record changer employing an automatic shut-off. Components are plugged into unit which in turn plugs into AC power outlet. Provision for automatic or manual operation. Mounts externally or internally. Size $5\frac{1}{2}$ " x $2\frac{1}{2}$ " x $1\frac{1}{2}$ ". Shpg. wt., 1 lb.

PK-284 Net 3.45



NEON STROBOSCOPE LAMP 1.15

Checks speed of record players. Tells if turntable is running too fast or too slow. Eliminates need for hooking up argon, fluorescent or incandescent lamps. Consists of neon strobe light with 4-speed strobe disc. Shpg. wt., 1 lb.

MS-824 Net 1.15



IMPORTED FROM HOLLAND CRYSTAL TURNOVER STEREO CARTRIDGE

Another fabulous item from Lafayette for music lovers. We now bring you this outstanding cartridge so that you can enjoy the breathtaking realism of the latest stereo discs. Completely compatible, this cartridge plays either stereo or monaural records. Consists of 2 crystals to provide 0.4 volts, output per channel. Wide frequency response of 30 to 14000 cps. Vertical and lateral compliance of 3.5 x 10-6 cm/dyne. Crosstalk, —24db. Supplied with turnover dual sapphire stylus for microgroove records and 78 rpm records. Fits all standard tone arms. Shpg. wt., 8 oz.

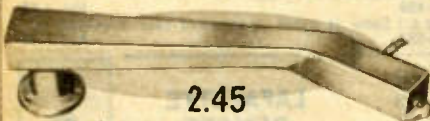
PK-233 LIST 12.75 SPECIAL! Net 4.45

CERAMIC TURNOVER STEREO CARTRIDGE

A fortunate buy allows LAFAYETTE to make available an OUTSTANDING FAMOUS BRAND turnover ceramic stereo cartridge at a price that allows you to get started in stereo NOW! 0.7 mil and 3 mil sapphire styli. 20 db channel isolation; response 20-20,000 cps. Minimum record wear with compliance of 2 x 10-6 cm/dyne and 6 gm. stylus force. Vertical rumble suppression allows use of this cartridge with most record changers or turntables. Output voltage is 0.3 volts; recommended load is 3-5 megohms for RIAA response. Mounts in all standard tone arms. Shpg. wt., 4 oz.

PK-231 SPECIAL! Net 5.95

NEW! MODERN 4-SPEED TURNOVER PICKUP



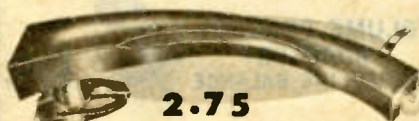
2.45

- 2½ VOLT OUTPUT
- TURNOVER CRYSTAL CARTRIDGE
- DUAL SAPPHIRE
- 40-12,000 CYCLES

A terrific value! Modern, plastic, straight-line design with offset head, furnished with turnover-type, high-output crystal cartridge (2½V.) with dual sapphire styli. Power enough to connect directly to basic amplifier. Stylus pressure adjustable by variable spring tension. Has finger lift for ease in handling. Overall length 8½". Height from base to bottom of arm $1\frac{3}{4}$ ". Simple base mount with $1\frac{1}{4}$ " spaced mounting. Shielded leads. Smooth, gray finish plastic arm. Shpg. wt., 2 lbs.

PK-157 Net 2.45
PK-158 Sapphire LP replacement needle Net .69
PK-159 Sapphire Std. replacement needle Net .69

NEW! 4-SPEED HI-FI TURNOVER PICKUP



2.75

- ARM TAKES STEREO OR MONAUROUS CARTRIDGES ● WITH WIDE RANGE MONAUROUS CARTRIDGE ● ADJUSTABLE ARM HEIGHT AND STYLUS PRESSURE

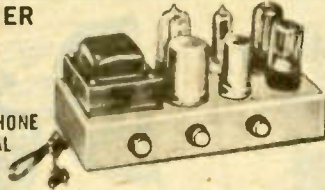
Arm is wired for stereo, anticipating future conversion. Has a wide range turnover monaural crystal cartridge with dual sapphire styli. Output is 1½ V. Easy height adjustment at base, $1\frac{1}{8}$ " to $1\frac{1}{4}$ ". Also stylus pressure adjustment. Plastic arm $9\frac{1}{2}$ " long overall. Base $1\frac{1}{4}$ " with mounting holes on $1\frac{3}{8}$ " centers. Shielded leads. Satin smooth light maroon finish. Shpg. wt., 2 lbs.

PK-146 Net 2.75
PK-158 Sapphire LP replacement Needle Net .69
PK-159 Sapphire STD replacement Needle Net .69

HI-FI INSTALLATION, AUDIO AND PHONO ACCESSORIES

5 WATT MIKE AND PHONO AMPLIFIER

INPUTS FOR MAGNETIC CARTRIDGES OR MICROPHONE AND CRYSTAL CARTRIDGE



A compact 5 watt 4 tube amplifier for low powered PA, paging, and phono systems. Has 2 inputs, one for crystal cartridges and a dual input for either microphone or variable reluctance and magnetic cartridges. Has separate gain controls for each input. Compensated tone control with on-off switch is effective on both inputs. Output impedance is 3.2 ohms. Supplied complete with tubes: 2-6J6, 6AQ5 and 6X4 rectifier. For 110V AC operation only. Size: 9 1/2 x 4 1/2 x 4 1/2" D. Shpg. wt., 10 lbs. Net 16.50

CHANGER BASES AS LOW AS 3.95

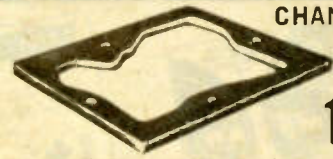


Wood base cut to fit all popular changers. Size varies with changer. Largest is 16 1/2 x 14 1/4 x 3 1/4". Shpg. wt., 5 lbs.

For Use With	Mah.	Blonde	Net	Wal.	Net
Garrard A, 88, 98	PK-356W	PK-357W	3.95	PK-358W	4.50
Garrard 210	PK-362W	PK-363W	3.95	PK-364W	4.50
Garrard T	PK-368W	PK-369W	3.95	PK-370W	4.50

Glaser-Steers GS-77, GS-400	PK-462W	PK-463W	3.95	PK-464W	4.50
Monarch	PK-371W	PK-372W	3.95	PK-373W	4.50
Collaro (All)	PK-374W	PK-375W	3.95	PK-376W	4.50
Collaro TP59	PK-377W	PK-378W	3.95	PK-379W	4.50

MOUNTING BOARDS FOR RECORD CHANGERS



1.10

Strong, durable 3/4" plywood, smoothly sanded and cut out for Garrard, Webcor, V-M, Collaro. Unfinished for easy staining. Specify for particular model changer desired. Shpg. wt., 1 lb. Size, 15 1/2 x 15 1/2".

MOUNTING BOARDS

PK-380W For Garrard A, RC88, RC98	Net 1.10
PK-382W For Garrard 210	Net 1.10
PK-384W For Garrard T	Net 1.10
PK-465W For Glaser-Steers GS-77, GS-400	Net 1.10
PK-385W For Monarch changers	Net 1.10
PK-386W For all Collaro changers	Net 1.10
PK-387W For Collaro TP59	Net 1.10

DELVAN RECORD CLEANER KIT



Keep your records free from dirt and dust that give your records those annoying pops and reduce record life. One application keeps records static free for months. Velvet type pad gets into the grooves. With needle brush. Shpg. wt., 10 ozs. PK-193 Net .79

LEKTROSTAT RECORD CLEANING KIT



Clean your valuable records the professional way with the Lekrostat method. Kit contains a non-gumming anti-static detergent in polyethylene bottle. Squeeze to apply for complete elimination of static in the record grooves. Also included is an applicator made of soft yet firm velvet, contained in a novel plastic pouch. Shpg. wt., 10 oz. PK-249 Net 1.96

Included is an applicator made of soft yet firm velvet, contained in a novel plastic pouch. Shpg. wt., 10 oz. PK-249 Net 1.96

ELECTROSONIC LAB "DUST BUG"



Automatically removes dirt and dust on each playing. Light plastic arm mounts by suction cup. Can be permanently mounted by rubber cement. The bottle of anti-static cleaning fluid has a built-in wick for application to a brush and pad at the end of arm. Shpg. wt., 6 oz. PK-156 Standard model (A) Net 5.63

ESL CHANGER DUST BUG (B). The tuft and pad assembly clips onto arm of changer. Performs the same as the standard model. Shpg. wt., 4 oz. PK-246 Changer model (B) Net 4.65

DISPENSER OF ACTIVATING FLUID. For Dust Bugs. PK-247 Net 1.22

PK-173 Replacement plush pad .78
PK-174 Replacement nylon brush .98

STATI-CLEAN



Sprays a fine mist which keeps your record clear of surface noise created by static (common to all vinyl records) and clean of dust attracted by the static charge. Prevents groove and needle wear caused by static-dust and keeps records lustrous. Extends their life. Two applications a year is sufficient. Enough for hundreds of records. Shpg. wt., 8 oz. PK-105 Net .88

LEVEL AND LEVELING SCREWS

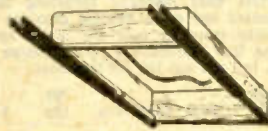


1.76

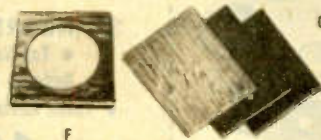
Precision, circular level indicator and 4 adjustable felt tipped leveling screws and T nuts. Provides quick adjustment for exact leveling of turntable. Easy to install, screws mount under base, level on top. Shpg. wt., 6 oz. PK-273 Net 1.76

SLIDE-OUT DRAWER FOR RECORD CHANGERS

6.95



Designed for custom installations of record changers in bookcases, cabinets, tables, etc. Made of durable plywood and equipped with heavy duty steel slides which operate smoothly and quietly on ball-bearings. Slides extend drawer up to 10 3/4" beyond edge of cabinet. Supplied with uncut blank top. Unfinished wood permits your painting to suit your own decor. Size 16x16x3 1/2". Shpg. wt., 8 lbs. PK-47W Net 6.95



SPEAKER REDUCING BOARDS (F)

Enables mounting of smaller speakers in oversize enclosures. Boards are sturdy 3/4" plywood, precut to exact size. All mounting holes are drilled. Brown stained. SB-18 Adapts 8" speaker to 12" speaker cabinet or baffle. Wt., 1 lb. Net .89

SB-19 Adapts 12" speaker to 15" speaker cabinet or baffle. Wt., 1 1/2 lbs. Net 1.25

FINISHED PLYWOOD PANELS (G)

Blank panels of highly-finished veneer. Can be cut to suit your custom requirements. Size: 16x18x 1/4" thick. Shpg. wt., 2 3/4 lbs.

SB-21 Mahogany Finish Net 2.25

SB-22 Blonde Finish Net 2.25

SB-23 Walnut Finish Net 2.25

BALL BEARING HEAVY DUTY DRAWER SLIDES



Made of 16 gauge steel. Supports 50 lbs. Ball bearing, double-extension type, for mounting changers. Length 15" travel length 11", extended 22". Shpg. wt., 5 lbs. ML-34 per pair Net 1.75

SHORT TYPE. Same construction as above but 13" long; travels 9"; extends to 22". ML-113 per pair Net 1.50

FIBRE GLASS INSULATION



Excellent sound absorbing material. For lining interiors of speaker cabinets, consoles, phonos, TVs, etc. Damps medium and high frequency reverberation and distortion. Suitable for many other installation purposes. 9 sq. ft., 1" thick with glue and applicator. Shpg. wt., 1 lb. SB-40 Net 1.49

DELUXE BASS REFLEX KIT: 20 square feet. 16x16x1" Bonded fibre-glass. Shpg. wt., 2 lbs. SB-55 Net 2.70

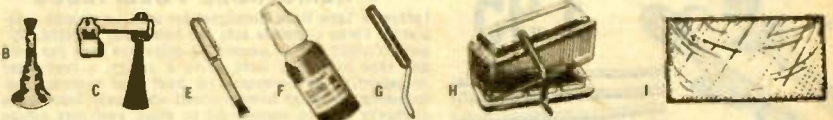
TUFFLEX ACOUSTIC INSULATION



Sound absorbing insulating material. Excellent for use in lining speaker cabinets, radio-phonograph consoles, etc. 1/2" thick, 11" width only. 7-ft. is the minimum length sold. SB-28 7 ft. Net 1.00

Longer lengths per foot Net .14

1" TUFFLEX. Double the thickness of above. Supplied only in 12x18" sheets. SB-29 Per Sheet Net .39



NEEDLE BRUSH (B). Cleans stylus. Use in changers or with turntables. Attaches with adhesive pad. Height of brush adjustable. Shpg. wt., 5 oz. PK-107 Net .65

RECORD BRUSH (C). Cleans records with brush of soft camel's hair. Snaps on tone arm. Improves record life and protects stylus. Shpg. wt., 4 oz. PK-102 Net .29

NEW FOUNTAIN PEN BRUSH (E). New unit with brush in a fountain pen case. Fine camel hair brush recedes inside the body for protection. Use it to clean stylus, records, camera lens and other fine instruments. Shpg. wt., 4 oz. PK-229 Net .89

NEW SOUND OIL LUBRICANT (F). New, super refined lubricant made especially for record changers, turntables and tape recorders. In plastic squeeze case. Shpg. wt., 6 oz. PK-248 Net .34

UNIVERSAL 4-SPEED NEEDLE (G). Over 80% discount on these famous brand needles. Offset shank with Universal all speed 2 mil stylus. Plays all 3 speeds. On individual cards with manufacturer's name. Regular resale \$1.50. Shpg. wt., 3 oz. PK-21 Singly, ea. .29 Lots of 10, ea. .26

RUBY PHONO NEEDLE (H). Synthetic ruby tipped Universal all speed 2 mil stylus for chuck type phonographs. Offset shank provides spring action. Each in plastic case. Shpg. wt., 3 oz. PK-14 Singly, ea. .69 Lots of 3, ea. .59

RECORD CLOTH (I). Removes record static with one wipe! Eliminates noises caused by grit, dust, ashes in grooves—no more "pops" and "clicks." Extends record life immensely. A necessary item for those who treasure their precious records. Shpg. wt., 4 oz. PK-83 Net .25

LAFAYETTE RECORDING TAPES AND ACCESSORIES



LAFAYETTE QUALITY IS BACKED BY OUR MONEY-BACK GUARANTEE

LAFAYETTE'S FAMOUS MONEY-BACK GUARANTEE YOU BE THE JUDGE!

Lafayette's tape is made by outstanding nationally known manufacturers. It is first quality, splice free, red oxide coated, with full frequency response, uniform output and no "drop-outs". Resistant to moisture, heat, cold and abrasion.

We guarantee absolute satisfaction or your money back. If you do not find it equal to tapes costing up to twice the price, if for any reason you are dissatisfied, return the tape in 30 days and we will refund your money. You are the sole judge.

LAFAYETTE ACETATE BASE RECORDING TAPE

Acetate base magnetic recording tape with uniform standard red oxide coating provides wide range high fidelity response over the audio spectrum. Features noise free reproduction, low abrasion and uniform output. In 1 mil and 1½ mil thickness.

Stock No.	Feet	Reel	Mils	Wt. Lbs.	Net Per Reel		
					1-4	5-24	25 Up
RT-17	600	5"	1½	½	.99	.90	.85
RT-18	900	5"	1	¾	1.35	1.20	1.08
RT-10	1200	7"	1½	1	1.59	1.49	1.35
RT-11	1800	7"	1	1¼	1.98	1.88	1.79

LAFAYETTE MYLAR BASE RECORDING TAPE

As Low As 1.42

Mylar base is especially strong, durable and break resistant, and is virtually impervious to heat, cold or humidity. All in clear plastic reels, individually boxed.

Stock No.	Feet	Reel	Mils	Wt. Lbs.	Net Per Reel		
					1-4	5-24	25 Up
RT-19	900	5"	1	¾	1.75	1.58	1.42
RT-12	1800	7"	1	1¼	2.50	2.25	2.13
RT-13	2400	7"	½	1¼	3.69	3.39	3.22

Tensitized Mylar
Prestretched, super-strong mylar base.
RT-16 2400 7" ¾ 1½ 4.95 4.45 4.23

NEW!

LAFAYETTE

BULK TAPE ERASER AND DEMAGNETIZER

PROFESSIONAL MODEL

- Completely Erases Tape
- Two Erasing Coils
- Erases up to 1" Tapes
- Erases ¼" Tapes in One Operation—No Reversing
- For 3", 5", 7" or 10½" Reels

18.95



A carefully designed and precisely manufactured tape "degausser" for complete erasing of tapes. Just place the tape reel on spindle of demagnetizer, slowly rotate 2 or 3 turns, take off, and that's all. Reduce tape hiss to the level of new "virgin" tape. Two completely separate coils are used for doubly-effective erasures, even of large, 10½" reels. Will erase 1" wide tape. An extra powerful unit for heavy-duty use—draws over 9 amperes. Can be used to demagnetize tape, magnetically stripped film, plus tools and watches. Has a heavy, custom finished case, a rugged non-magnetic top, heavy duty on-off switch and power cord. Has built-in fuse. Pilot light prevents accidentally leaving it turned on. Size 6¼x7¾x3½". Shpg. wt., 14 lbs.

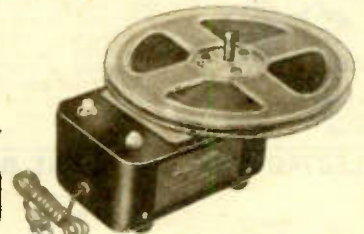
ML-120 Regularly 49.95

Net 18.95

STANDARD MODEL

- Top Value
- Reduces Noise Level
- Takes Reels Up To 10½"

12.50



A bulk tape demagnetizer that erases existing recorded signals and noise from magnetic tapes quickly and efficiently. Also capable of demagnetizing metal parts and work tools. Ideal for the recording enthusiast desiring clean, noise-free tapes. Simply rotate reel of tape several turns over unit, turn over and repeat once. Has two spindle positions: Inner position for tape reel sizes up to 7" in diameter, and the outer one for 10½" reels. Push button energizes the coil, and a pilot light installed on top of the unit indicates unit in operation. Non-magnetic bakelite plate for tape reel rest. One powerful coil is used for effective erasure of all quarter-inch tapes. Current consumption—5 amps. Heavy duty, rugged gauge metal case. Attractive finish. For 105-125 volts, 60 cycles. Size 7½x4¾x3½". Shpg. wt., 9 lbs.

ML-176

Net 12.50

LAFAYETTE TAPE HEAD DEMAGNETIZER

• REMOVABLE POLEPIECES

Lafayette Tape Head Demagnetizer uses removable polepieces. Three complete sets are furnished; straight, 45° and 90°(right angle), permitting quick and easy use with any tape head. Far from being a luxury, a tape head demagnetizer is necessary for best tape recorder performance. Although unmagnetized when new, tape heads gradually become magnetized by sharp switching pulses occurring while switching the recorder from play to record or vice versa. The solution is to use a demagnetizer to remove this permanent magnetism from the head, thus reducing the noise level. Periodic head demagnetization is required for all tape recorders to insure optimum signal-to-noise ratio. Now Lafayette enables anyone with even the most modest budget to perform this necessary demagnetization with a minimum of effort. For 110 volts 60 cycles. Shpg. wt., 1 lb.

• EXTRA CONVENIENT

PK-238 Tape Head Demagnetizer

3.95



3.95

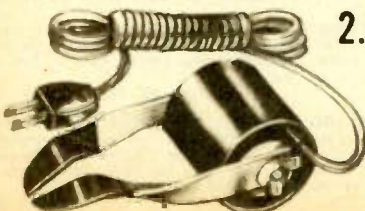
PK-238

LAFAYETTE ECONOMY MODEL HEAD DEMAGNETIZER

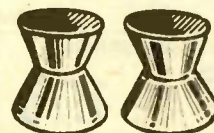
Lafayette offers this economical head demagnetizer to meet the need for a reasonably priced unit. For true high fidelity and long lasting tape performance, tape heads must be demagnetized occasionally to remove magnetism accumulated in the heads. Otherwise, high frequency response on the tape will deteriorate in time. This new Lafayette head demagnetizer has very strong field and has a single probe which is made to fit very easily onto recording heads. Its thin cross sectional size allows it to be used on all tape heads, monaural, stereo, or 4 channel. Draws .4 amps. Complete with plug, and cord. Shpg. wt., 12 oz.

MS-694

Net 2.89



2.89



REEL LOCKS

59¢
Set of Two

Holds tape recorder reel in place by locking spindle to reel. Especially useful if recorder is in vertical position. Will not interfere with normal operation of reels. Easily removable. Shpg. wt., 6 oz.

MS-564 Set of two

.59

HIGH FIDELITY RECORDING TAPES



SCOTCH RECORDING TAPES AND ACCESSORIES



(B)

TYPE 111 STANDARD TAPE — 1½ Mil Acetate. Coated with red oxide. Popularly used for high fidelity all purpose recordings. On plastic reels except *NARTB metal reels. Av. shpg. wt., 8 oz. ea.

Stock No.	Type No.	Reel	Length Feet	List Price	Net Each	1-11	12 Up
RT-181	111-1.5	3"	150	.70	.46	.41	
RT-178	111-3	4"	300	1.35	.88	.79	
RT-179	111-6	5"	600	2.25	1.47	1.31	
RT-180	111-12	7"	1200	3.50	2.29	2.05	
RT-182	111-24H	Hub	2400	8.50	5.56	4.99	
RT-183	111-24R*	10½"	2400	10.90	7.12	6.41	
RR-184	111-48H	Hub	4800	17.00	11.10	9.99	
RT-185	111-48R	14"	4800	22.10	14.44	12.99	

TYPE 190 EXTRA-PLAY TAPE — 50% more playing time on standard size reels. 1 mil acetate base. All on plastic reel except *NARTB aluminum reel. Av. shpg. wt., 12 oz.

Stock No.	Type No.	Reel	Length Feet	List Price	Net Each	1-11	12 Up
RT-193	190-9	5"	900	3.50	2.29	2.05	
RT-194	190-18	7"	1800	5.50	3.60	3.23	
RT-195	190-36R	10½"	3600	12.85	8.40	7.56	

SCOTCH LEADER TIMER TAPE Type 43P1.5. Has 1 second interval markings for 3¾", 7½" and 15" per second speeds. 150 ft. ¼" wide roll. Individually boxed. 5 oz. RT-177 Lots of 12 Ea. .53 Singly Ea. .59

TYPE 150 EXTRA-PLAY TAPE — 1 Mil extra strong Nylon base high fidelity tapes. Withstands high tension and break resistant. All plastic reels except *NARTB aluminum reel. Av. shpg. wt., 12 oz.

Stock No.	Type No.	Reel	Length Ft.	List Price	Net Each	1-11	12 Up
RT-190	150-9	5"	900	3.60	2.35	2.12	
RT-191	150-18	7"	1800	6.20	4.05	3.65	
RT-192	150-36R*	10½"	3600	14.40	9.41	8.47	

TYPE 120 HIGH-OUTPUT TAPE — Acetate base recording tapes of 1½ mil thickness. Provides 8 to 12 db higher output than standard types. On plastic reel except *NARTB reel and † NARTB hub. Av. shpg. wt., 14 oz.

Stock No.	Type No.	Reel	Length Ft.	List Price	Net Each	1-11	12 Up
RT-186	120-6	5"	600'	3.50	2.29	2.06	
RT-187	120-12	7"	1200'	5.50	3.60	2.23	
RT-188	120-24H†	Hub	2400'	10.00	6.54	5.88	
RT-189	120-24R*	10½"	2400'	12.85	8.40	7.56	

TYPE 200 TENSILIZED — Tensilized Mylar 0.75 mil tapes. Provides twice as much playing time as the 1.5 mil standard tape. Stronger and more durable than usual long-play tapes. On plastic reel. Av. shpg. wt., 12 oz.

Stock No.	Type No.	Reel	Length Ft.	List Price	Net Each	1-11	12 Up
RT-197	200-24	7"	2400'	9.50	6.20	5.58	
RT-198	200-48RPS	10½"	4800'	22.00	14.38	12.94	

SCOTCH SPLICING TAPE (B)

Pressure-sensitive tape made especially for splicing and editing magnetic tape. Av. shpg. wt., 3 oz.

SCOTCH 41-½S	½x50"	On dispenser.			
RT-176	Lots of 12, Ea.	.31	Singly, Ea.	.34	
SCOTCH 41-½L	¾x66"	Less dispenser.			
RT-175	Lots of 12, Ea.	.46	Singly, Ea.	.51	



MAGNETIC TAPE CARTRIDGES

Fits new cartridge machines. Records both monaural and stereo sound. Eliminates threading, rewinding, spare reels. Small size makes them ideal for storage in home libraries. Mylar base. Shpg. wt., 12 ozs.

Stock No.	Mfr.	Type	Length	1-11	12 Up
RT-262	RCA	264C1	560'	2.94	2.65
RT-196	Scotch	8000	560'	2.94	2.65



RCA MAGNETIC SOUND TAPES AND ACCESSORIES

ACETATE-BASE TAPES — New acetate base magnetic recording tapes on plastic reels. Av. shpg. wt., 10 oz.

Stock No.	Type	Reel	Length	Mils	List	1-11	12 Up
RT-260	262C1	3"	150'	1.5	.70	.46	.41
RT-250	289C1	5"	900'	1.0	3.50	2.29	2.06
RT-263	284C1	5"	600'	1.5	2.25	1.47	1.32
RT-264	286C1	7"	1800'	1.0	5.50	3.60	3.23
RT-254	285C1	7"	1200'	1.5	3.50	2.29	2.06

MYLAR BASE TAPES — New mylar base tapes, on plastic reels. Full frequency range response, low noise, high strength and extreme durability. *Tensilized mylar. Av. shpg. wt., 10 oz.

Stock No.	Type	Reel	Length	Mils	List	1-11	12 Up
RT-261	263C1	3"	225'	1.0	1.00	.66	.59
RT-265	296C1	3"	300'	0.75	1.60	1.05	.94
RT-251	252C1	5"	1200'	0.5	4.55	2.97	2.68
RT-252	253C1	5"	900'	1.0	3.60	2.35	2.12
RT-253	290C1	5"	600'	1.5	2.65	1.73	1.56
RT-258	260C1*	5"	1200'	0.75	4.75	3.11	2.79
RT-255	287C1	7"	2400'	0.5	7.85	5.14	4.61
RT-256	258C1	7"	1800'	1.0	6.20	4.05	3.65
RT-257	291C1	7"	1200'	1.5	4.25	2.77	2.50
RT-259	288C1*	7"	2400'	0.75	8.75	5.71	5.14

RCA SPLICING TAPES

Pressure sensitive for editing and splicing. Shpg. wt., 3 oz.

RT-266	Type 515C1	¼" x 100"	Net	.17
RT-267	Type 511C1	½" x 100"	Net	.22
RT-268	Type 512C1	½" x 150"	Net	.30
RT-269	Type 513C1	¾" x 100"	Net	.32
RT-270	Type 514C1	¾" x 150"	Net	.39



RCA TAPE CHESTS

Durable, chipboard storage cases covered in gold stamped simulated leather. Hold 5 reels in separate compartments. Type 501C1 for 5" Reels, size 5½x4¼x5¾"; type 502C1 for 7" Reels, size 7½x4¼x5¾". Shpg. wt., ½ lb.

RT-271	Type 501C1	for 5" Reels	Net	.75
RT-272	Type 502C1	for 7" Reels	Net	.82

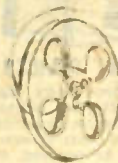


TAPE EDITING AND SPLICING

A book covering every aspect of splicing technique and editing procedure. For the professional and the amateur tape recorder. Fully illustrated.

8K-21	Postpaid in U.S.A.	Net	25
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audiotape AND ACCESSORIES FEATURING C SLOT THREADING



STANDARD TAPE — 1½ mil cellulose acetate base. Low cost with no compromise in quality. All on plastic reels except *NARTB reel. Av. shpg. wt., 8 oz.

Stock No.	Type No.	Reel	Length	List Price	Net Each	1-9	10 Up
RT-110	151	3"	150'	.70	.46	.41	
RT-114	351	4"	300'	1.35	.88	.79	
RT-116	651	5"	600'	2.25	1.47	1.32	
RT-121	1251	7"	1200'	3.50	2.29	2.06	
RT-126	2551R*	10½"	2500'	10.90	7.12	6.41	

"LONGER-RECORDING" TAPE — 1 mil acetate base. 50% more recording time per reel. All on plastic reels except *NARTB reel. Av. shpg. wt., 8 oz.

Stock No.	Type No.	Reel	Length	List Price	Net Each	1-9	10 Up
RT-119	941	5"	900'	3.50	2.29	2.06	
RT-124	1841	7"	1800'	5.50	3.60	3.23	
RT-128	3641R*	10½"	3600'	12.85	8.40	7.56	

"LONGER-RECORDING" TAPE — 1 mil, strong and durable mylar base. 50% more recording time per reel. All on plastic reels except *NARTB reel; † plastic reel in self-mailer carton. Shpg. wt., 12 ozs.

Stock No.	Type No.	Reel	Length	List Price	Net Each	1-9	10 Up
RT-127	261†	3"	225'	1.00	.66	.59	
RT-120	961	5"	900'	3.60	2.35	2.12	
RT-125	1861	7"	1800'	6.20	4.05	3.65	
RT-129	3661R*	10½"	3600'	14.40	9.41	8.47	

COLORLED BASE TAPE — 1½ mil acetate base. Colored for easy identification of recorded passages. On plastic reels. Shpg. wt., 8 oz.

Stock No.	Type No.	Color	Reel	Length	List Price	Net Each	1-9	10 Up
RT-118	651G	Green	5"	600'	2.25	1.47	1.32	
RT-123	1251G	Green	7"	1200'	3.50	2.29	2.06	
RT-117	651B	Blue	5"	600'	2.25	1.47	1.32	
RT-122	1251B	Blue	7"	1200'	3.50	2.29	2.06	

Stock No.	Type No.	Size	List	Single	Lots of 10
RT-101	3PB	3"	.25	.17	.15
RT-102	4PB	4"	.45	.29	.26
RT-104	5PB	5"	.60	.39	.35
RT-107	7PB	7"	.75	.49	.44
RT-109	10RB*	10½"	4.00	2.62	2.35
RT-106	10FS†	10½"	4.00	2.62	2.35

COLORLED PLASTIC REELS. All plastic reels, available in 4 colors; red, yellow, green and blue. Each reel individually boxed. Specify color desired when ordering. Av. shpg. wt., 4 oz.

RT-130	Type 5PB	5 inch reel	Net ea.	.39
			In lots of 10, ea.	.35
RT-131	Type 7PB	7 inch reel	Net ea.	.49
			In lots of 10, ea.	.44

AUDIO NO. 3L SELF-TIMING LEADER TAPE

Strong, white "Mylar" tape with spaced markings for accurate timing of leader intervals. 100 ft., ¼" wide. Individually boxed. Shpg. wt., 5 oz.

RT-100	Lots of 10 Ea.	.32	Singly, Ea.	.36
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AUDIO 200 HEAD ALIGNING TAPE

Pre-recorded at 2,000, 10,000 and 15,000 cps (15"/sec) for precise head alignment. Base material 1½ mil Mylar. With instructions. Shpg. wt., 4 oz.

RT-111			Net	5.88
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AUDIO MAILING BOXES

Strong, reversible corrugated containers. Av. shpg. wt., 3 oz.

Stock No.	Audio No.	Description	1-9	10 Up
RT-103	5M	For 5" Reels	.10	.09
RT-105	7M	For 7" Reels	.13	.12
RT-108	10M	For 10½" Reels	.20	.18

ACCESSORIES FOR TAPE RECORDERS



METAL STORAGE CANS

Your best protection for valuable recorded tapes and movie film. Cans are ribbed for easy storage. Precision fit makes opening and closing easy. Attractively finished in grey. 3 sizes to choose from to fit any size reel. Av. shpg. wt., 8 ozs.

ML-154 3" Can. lots of 6, Ea. .18 Singly, Ea. .20
ML-155 5" Can. lots of 6, Ea. .27 Singly, Ea. .30
ML-61 7" Can. lots of 6, Ea. .36 Singly, Ea. .39



TWIST LOCK CAN

Twist-lock feature assures dust-free, moisture-proof storage. Center locking stud prevents reel movement on all 7" reels and most 3" and 5". Ribbed for stacking. Unbreakable styrene. Shpg. wt., 8 oz.

ML-151 Lots of 6, Ea. .45 Singly, Ea. .49

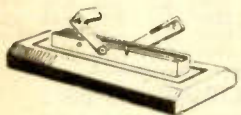


SCRIBER ELECTRO TELEPHONE PICKUP

Electro Scriber telephone pickup will enable you to amplify, record and make a permanent record of any telephone conversation. Simply place phone base on phono Scriber and plug Scriber into amplifier or tape recorder input. Amplifies cleanly and clearly. Shpg. wt., 1 lb.

MS-220 Model ES701 for standard cradle phone Net 7.35
MS-221 Model ES702 for push-button phone Net 8.53

MAGNETIC TAPE SPLICER



- Cut Both Ends Simultaneously
- Easy to Operate
- Durable & Sturdy

An excellent accessory that splices tapes accurately and eliminates joint noise. Both ends cut simultaneously. Nicked brass finish. Shpg. wt., 1 lb.

MS-289 Net 1.47



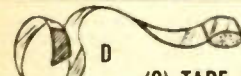
COUSINO TAPE SPLICER KIT

Convenient plastic splicer with adhesive backing for mounting on your recorder or workbench. Holds tape without clamps. Kit consists of splicer, blade and 24 hand pre-cut splicing tape tabs. Shpg. wt., 6 oz.

MS-376 Tape Splicer Kit Net 1.20

PRE-CUT TAPE TAB REFILLS—For above, 24 pre-cut splicing tape tabs. Shpg. wt., 2 oz.

MS-377 Pre-Cut Tape Tabs Net .20



(C) TAPE CLIPS

Keeps tapes from unwinding. Works on both full and partial reels. Shpg. wt., 12 oz.

MS-476 Pkg. of 10 Net .24

(D) SPEED-EEZ TAPE THREADER

Mylar strips 25" long with adhesive tip to attach to tape and compressible foam catch on other end for insertion into take up reel. Quick, easy, wastes no tape. Wt., 10 oz.

MS-477 Pkg. of 10 Net .98



AUDIO 400 HEAD DEMAGNETIZER

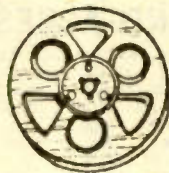
Will remove all permanent magnetism from recording head. Operates on 110V, 60 cy. AC. Shpg. wt., 1 lb.

RT-115 Net 5.88

CLEAR PLASTIC REELS

.26

IN LOTS OF 6



Individually boxed plastic reels for recording tape. Av. shpg. wt., 4 oz. singly.
MS-692 5" reel. In lots of 6, Ea. .26 Singly, Ea. .29
MS-267. 7" reel. In lots of 6, Ea. .38 Singly, Ea. .45

TELEPHONE PICKUP

FOR RECORDING TELEPHONE CONVERSATIONS

Induction telephone pickup. Telephone conversations can now be picked up with no tapping of wires or special telephone circuits. Simply place the phone base, either cradle or upright type, on the pickup platform and connect the leads to the high impedance input of any medium gain audio amplifier, or directly to any tape, disc or wire recorder. Shpg. wt., 8 ozs.

MS-16 Net 1.95



1.95



(A) ROBINS "GIBSON GIRL" SPLICER

Cuts 2 rounded indentations in the tape splice, leaving the edges of the tape which contact parts of the recorder entirely free of adhesive. Adhesive deposited on initial parts of recorder is a frequent cause of wow and flutter. As little as 1/4" tape need be removed. Shpg. wt., 1/2 lb.

MS-288 Net 6.25
MS-473 Replacement Blade .98



(B) EDITALL TAPE EDITING KIT

- PRECISION BUILT CUTTING BLOCK
- SIMPLE TO OPERATE
- HOW-TO-DO-IT INSTRUCTION BOOK

This kit has all the equipment required to execute a complete editing job on a professional basis. The cutting block supplied is simple to operate but is precise in its application; made of duraluminum precisely machined and polished (makes straight or diagonal cut). All accessories such as grease pencil, blades, splicing tape (56 ft. roll of 7/32") supplied. Comes with instruction booklet—in a smart metal case. Shpg. wt., 1 lb.

MS-474 EDITALL KIT Net 8.82



(A) ROBINS TAPE THREADER

No more awkward fumbling while threading a reel. Just place the tape against the reel, slip your Robins threader over the capstan shaft and over the empty reel. Tip of threader holds the tape firmly against the reel. A few turns on the crank and you're ready to play or record. Saves time and tape. Shpg. wt., 2 oz.

MS-222 .79



(B) TAPE THREADER

For quick and simple tape reel threading. Simply clip on and start recorder. Works on all size reels. Handsome chrome finish. In plastic case. Shpg. wt., 5 oz.

MS-374 TAPE THREADER List 2.50 Net 1.47

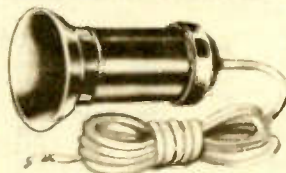


METAL TAPE STORAGE CHEST

STANDARD CASE: Sturdy all steel carrying case. Holds 12 7" or 5" reels and cons. Twin snap locks for positive closure; perfect portability. Guards against exposure and accidental erase. Platinum gray hammerlock finish. Metal separators between reels. Includes index cards. Shpg. wt., 5 lbs.

ML-60 Net 2.99

NEW TELEPHONE PICKUP COIL



1.89

This telephone pick-up coil is designed to feed into the microphone input of either a tape recorder or any high gain amplifier. The pick up can be easily attached to the telephone by the use of a rubber suction type attachment. The coil is electrostatically shielded to minimize hum pick-up. When properly positioned on telephone handset, the output of this device is more than adequate for a fully modulated tape recording. Complete with 5' shielded cable. Shpg. wt., 6 ozs.

MS-693 Net 1.89

FILMAGIC TAPE MAINTENANCE KIT



Adds life and performance to tape and tape recorders. The Kit contains all the elements needed for cleaning and conditioning both tapes and critical recorder parts. Consists of: Either Flange or Suction cup type Pylon with sleeve; Tape conditioner fluid; and head condenser fluid. Can be used to clean capstans, rubber idler rollers also. Shpg. wt., 3 1/2 ozs.

PK-482 Kit with suction cup Pylon Net 3.45
PK-483 Kit with flange-type Pylon Net 3.45

REPLACEMENT PARTS

PK-484 2 oz. Head Cleaner Net .98
PK-485 2 oz. Tape Conditioner Net .98
PK-486 Pkg. of 6 sleeves Net .75
PK-487 Wick-Tip Applicator Net .39

TAPE CLEANER



1.49

Simple, unique recorder head cleaner. Tape is impregnated with special formula cleaner. Simply run through like regular roll of tape. Entire job done in 2 minutes. Can be reused many times. 100' roll on plastic reel. Shpg. wt., 8 oz.

PK-283 Net 1.49



(B) ROBINS SILICONE TAPE CLOTH

Cleans, lubricates and protects by depositing a microscopic film of silicone on the tape. Reduces head wear, tape wear, tape squeal and chatter. Eliminates "grime distortion". Washable. Shpg. wt., 5 oz.

MS-375 TAPE CLOTH Net .73

(C) ADHESIVE REEL LABELS

Convenient press-on adhesive labels for positive identification of tape reels. Easy to apply or remove. Shpg. wt., 5 oz.

MS-292 Pkg. of 30 .13

NORTRONICS RECORDING ACCESSORIES



STEREO CONVERSION KIT (A) Converts monaural tape recorder for stereo playback. Mounts on the outside of almost all existing tape recorders. Uses high quality TLD-S Stereo head with internal magnetic shielding for low crosstalk. Mu-metal shield gives excellent rejection of hum. Plays monaural half-track tapes also. Quick easy installation using ordinary tools. After installation, one channel plays through present recorder and second channel plays through any other amplifier or preamp. Can be used for monaural or stereo recordings with appropriate amplifier. Shpg. wt., 1½ lbs.
ML-159 SK-100 2.00 Down Net 23.50

¼ TRACK 4-CHANNEL STEREO ADAPTER KIT (A) Similar to SK-100, but for use with new ¼ track 4-channel stereo tapes. Equalized response, 30-12,000 cps ± 3 db at 3¾ ips. Output, 1 mv at 1 kc. Can also be used with ½ track stereo tapes. Shpg. wt., 1½ lbs.
ML-160 SK-50 2.00 Down Net 26.00

BIAS-ERASE OSCILLATOR TRANSFORMER (B) Furnishes 65 kc bias current to the recording head and erase current to either high or low impedance erase head. Complete with instructions and 1 tube oscillator circuit. Shpg. wt., 12 oz.
ML-161 760E Net 4.50

ALIGNMENT TAPE Full track, 3" reel, 7½ ips speed. Provides sine wave signals of 50 to 10,000 cps for stereo and monaural head alignment, record level and tone control adjustment, and frequency response check. Shpg. wt., 4 oz.
ML-162 AT-100 Net 2.50

RECORD-PLAY SELECTOR SWITCH (F)

Control center for use with two RA-100's for stereo and 2 track or 4 track monophonic record and play. Selects either tracks 1 and 3 or 2 and 4. Has 5 push button controls and rear panel phono jacks for connection to record and play amplifiers and to erase and R/P heads. Allows mixing both outputs for monophonic-stereo comparison. 2½x5½x4¾". Shpg. wt., 2 lbs.
ML-232 SW-80 2.00 Down Net 25.50

EXACT REPLACEMENT TAPE RECORDER HEADS

Precision recording heads to replace old worn heads and convert to stereo. Exact replacements. All stereo heads ½ track. R/P = record playback. Shpg. wt., 10 ozs.



4-TRACK RECORD-PLAYBACK STEREO HEADS
 For all makes and models listed in chart except those lines with asterisk.
ML-221 Net 17.64

Manufacturer	Model No.	R/P Mon 2-Track		R/P Stereo 2-Track		Erase	
		Net	Net	Net	Net	Net	Net
Ampro	730, 731B, 745	ML-219	8.23	ML-220	15.88	—	—
Bell	T200-01-02, BT205-1B, T212-13-16, T206-10	ML-222	8.23	ML-220	15.88	ML-223	6.47
Bell	T203, T218, T207S, T208	ML-222	8.23	ML-220	15.88	ML-224	8.82
Bell*	T223-38	ML-222	8.23	ML-220	15.88	ML-225	8.23
Bell & Howell	785	ML-219	8.23	ML-220	15.88	ML-223	6.47
Eko-Tape	290, 344, 346	—	—	ML-220	15.88	—	—
Eko-Tape	340, 342	—	—	ML-220	15.88	ML-224	8.82
EMC	Stereo 2TR	—	—	ML-220	15.88	—	—
EMC	375, 750	ML-219	8.23	ML-220	15.88	—	—
Montgomery-Ward	3734, 3739A, 3739B	ML-219	8.23	ML-220	15.88	—	—
Montgomery-Ward	3829, 3841	—	—	—	—	ML-223	6.47
Pentron	NL1S-2S-3S, PT1S-072S-74S-W500S, TM04	—	—	ML-226	15.88	—	—
Pentron	NL-4	—	—	ML-226	15.88	ML-225	8.23
RCA	SRT301-401-402-403-403Q	ML-227	8.23	ML-220	15.88	—	—
RCA	TR3	—	—	ML-220	15.88	ML-223	6.47
Silvertone*	7065-66-74-80-81	ML-227	8.23	ML-228	18.23	ML-229	6.47
Silvertone	4690, 7059, 7060, 8057-58-70-72	ML-227	8.23	ML-220	15.88	ML-223	6.47
Telectro	TR48, 556	ML-227	8.23	ML-220	15.88	—	—
Telectro	350	ML-219	8.23	ML-220	15.88	ML-223	6.47
Telectro	1960, 1970, 1985	ML-219	8.23	ML-220	15.88	—	—
Viking*	REEL TO REEL	ML-230	9.41	ML-231	18.23	—	—
Viking*	CARTRIDGE	ML-230	9.41	ML-220	15.88	—	—
VM	700, 710, 710A, 711, 711A, 750, 1000	ML-219	8.23	ML-220	15.88	ML-223	6.47
VM	714, 750A	ML-222	8.23	ML-220	15.88	ML-223	6.47
VM	720, 755	—	—	ML-220	15.88	ML-225	8.23
VM*	710-A3, 711A1, 714A1, 714-3, 714-13, 750A-1-A2-A3	ML-219	8.23	ML-220	15.88	—	—
Wilcox-Gay	375, 632, 642, 651, 652, 674, 686, 702, 712, 732	ML-227	8.23	ML-220	15.88	—	—
Wilcox-Gay	750, 752, 762, 772, 782	ML-227	8.23	ML-220	15.88	—	—

RECORDING AMPLIFIER (C) Ideal for use with any tape deck or stereo head kit. Two required for stereo recording. Has NARTB equalization, VU meter, monitor jack, high level and low level inputs. Sensitivity for full recording level: 1 mv (low level), 2 v (high level). Provides 65 kc bias current, adjustable to match any head. Erase output for either high impedance (6000 to 10,000 ohms) or low impedance (20 to 30 ohms) erase head. Full frequency response. S/N ratio, 55 db. Also synchronization for stereo recording purposes using 2 RA-100's. For 110-120 v, 60 cps AC. Size, 2½xHx5¾xDx8"W. Shpg. wt., 8 lbs.
ML-163 RA-100 5.00 Down Net 57.50

PLAYBACK AMPLIFIER (D) For tape head playback with a tape deck or for addition to a converted recorder to provide playback amplification for the second channel. 2-required for a stereo deck. A complete 3-watt amplifier with a cathode follower preamp output for driving a larger amplifier. Low level input with 1 mv sensitivity; high level input with 0.2 volts sensitivity. Outputs 4, 8, 16 ohm speaker taps; 1 volt cathode follower output. Less than 2% harmonic distortion, response 30-15,000 cps ± 2 db, continuously variable equalization including NARTB and RIAA standards, 50 db S/N ratio. For 110-120 volts, 60 cps AC. Size 2½xHx5¾xDx8"W. Shpg. wt., 8 lbs.
ML-164 PL-100 2.00 Down Net 39.50

PATCH CORD AND JACK (E) For connecting one channel of the Stereo-Kit to the audio system of the converted recorder. With instructions. Shpg. wt., 5 oz.
ML-165 PC-100 Net 2.50

4-TRACK STEREO CONVERSION KIT FOR WEBCOR RECORDERS

For Webcor 2000, 2800 and 2900 series recorders (except 2020 series). Converts monophonic and stereo recorders to 4 track stereo playback. Retains monophonic record and playback. Has shift to allow head to be positioned for both 2 and 4 track tapes. Monophonic recorders require PC-100 patch cord to bring out 2nd channel to an external playback amplifier. Shpg. wt., 12 oz.
ML-233 W-6 2.00 Down Net 36.00

4-TRACK STEREO CONVERSION KITS FOR WOLLENSAK AND REVERE

Fig. G. Kits to convert the Wolleksak and the Revere tape recorders to 4-track stereo. Each kit includes a NORTRONICS 4-track stereo r/p head of first quality laminated-core construction. All kits have a height adjustment screw which permits fine control of track location. Both 2-track stereo and the new 4-track stereo pre-recorded tapes may be played on the machines converted with these kits.

WR-35 CONVERSION KIT — Converts all Wolleksak and Revere 2-track stereo tape recorders to 4-track stereo playback, while retaining the original monophonic record/playback capabilities. Contains a 4-track stereo r/p head which replaces the 2-track stereo head on the machine. The present monophonic erase head is left in place.
ML-234 2.00 Down Net 25.50

WR-40 CONVERSION KIT — Converts all Wolleksak and Revere monophonic tape recorders to 4-track stereo playback, while retaining the original monophonic record/playback capabilities. Uses a 4-track stereo r/p head in conjunction with a monophonic erase head, both mounted and wired for easy replacement of present monophonic head assembly. A tape-head playback amplifier such as the NORTRONICS Model PL-100 or similar is required for playback of the second stereo channel.
ML-235 2.00 Down Net 32.50

WR-45 CONVERSION KIT — Converts all Wolleksak and Revere tape recorders to permit 4-track stereo recording as well as playback. Requires additional recording amplifier such as the NORTRONICS Model RA-100 for stereo recording. Existing monophonic record/play facilities are retained. With the aid of the second channel RA-100 recording amplifier it is possible to use the WR-45 for recording and playing monophonic on all four tracks. Includes 4-track stereo erase head in addition to the 4-track stereo r/p head, assembled, with cables.
ML-236 2.00 Down Net 37.50

SHURE RECORDING HEADS

Half track (upper track) replacement heads for tape recorders. All are high impedance except * 1s low. Type TR58 equipped with Cinch plug and 14" insulated leads. Av. shpg. wt., ½ lb.

Stock No.	Shure No.	Functions	Replacement For	Net Each
ML-240	815	Record Playback Erase	Bell RT-65 Revere T10C, TR200 Shure TR5, TR5H	8.82
ML-241	815H	Record Playback Erase	Revere T500, TR600 Tapemaster TH21, PT121, PT125	8.82
ML-242	816	Record Playback	Ampro 730, 731 Masco R-3, M-60 Shure TR6C	7.06
ML-243	817*	Record Playback	RCA SRT-403, 402, 401 Wilcox Gay 3A11 Shure TR16A	5.29
ML-244	TR5B-J	Record Playback Erase	Revere T-700, TR800, TR-20 Shure TR5D	10.00
ML-245	TR16-J	Record Playback	Wilcox Gay #3A10, 2A-10B	5.29
ML-246	TR522J	Record Playback Erase	RCA TTRC1, 7TR2, 7TR3, 8TR2, 8TR3 Shure TR5Z-1	10.88

REVERSE-WOLLENSAK STEREO CONVERSION KIT

Conversion to stereo for Wolleksak T1500 and Revere models T10, T11, TR20, T-700, T-700D, TR800, TR800D, T-900, TR1000, T1100 and TR-1200. Includes stereo head insulators, cable and complete instructions. For dual track stereo. Shpg. wt., 1 lb.
ML-158 2.00 Down Net 33.81

STEREO PHONES - PLUGS - CLIPS - JACKS

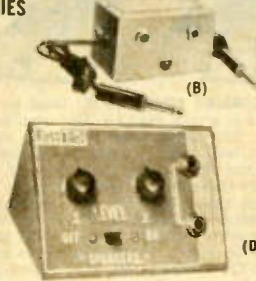
KOSS STEREO HEADSETS AND ACCESSORIES



(A)



(C)



(D)

Model SP-3 Stereophones (Fig. A)

The Koss SP-3 Stereophones are a specially constructed headset that provide a wide frequency range of 30-15000 cycles by means of unusual 3/4 dynamic reproducers incorporated into each earphone. They are extremely comfortable to wear, light and rugged. Ideal for Stereo, they can also be used for monaural sound. Since they have an impedance of 4 ohms, they can be connected directly to amplifier outputs or across speaker voice coil leads. Shipping weight 2 lbs. G-600 2.00 Down Net 24.95

Model T-7 JUNCTION BOX (Fig. B)

This Junction Box is made to plug directly into any portable phonograph or tape recorder having 2 plug-in side wing speakers such as Motorola, Webcor, Emerson, etc. Equipped with 2 phone type output jacks and standard phone plugs. Shipping Weight 1 lb. G-601 2.00 Down Net 6.95

Model A-1220 AMPLIFIER (Fig. C)

An Amplifier especially designed for use with the Stereophones. Can be connected directly to a Stereo ceramic cartridge or to the outputs of the pre-amps of a stereo

recorder or tuner. Equipped with 2 Phono jacks, a gain control for each channel, and 2 Phone jacks. Attractively made and compact, this unit lends itself to a wide variety of uses. Three tubes plus rectifier. Transformer powered. Shipping Weight, 4 lbs. G-603 2.00 Down Net 34.95

Model T-1

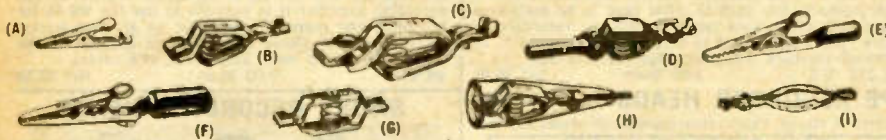
Contains matching transformers for monitoring 600 to 10,000 ohm outputs to output jacks for Stereophones and a terminal board is provided for connection to various types of equipment. Shipping weight 1 1/2 lbs. G-604 Net 6.95

Model T-5 JUNCTION BOX (Fig. D)

Junction Box for connecting stereophones to existing stereo or monaural system. Impedance 4-16 ohms. Contains 2 Volume controls for changing the Volume of each side of the headset independently. Has 2 output jacks for stereo or monaural use. Equipped with speaker on-off switch for personalized listening. Shipping weight 1 1/4 lbs. G-605 Net 7.95

MUELLER UNIVERSAL CLIPS AND INSULATORS

Positive contact. Standard package of 10 contains 5 marked + and 5 unmarked. No. of insulator to fit each clip is shown in charts. Insulation not included in price.



MINI-GATOR CLIP (A)

Smallest made steel, cadmium plated alligator jaws open 3/16". Length 1 1/4". Solder connection. For #20 or smaller wire. Uses No. 32 Insulator. Avg. Shpg. wt., 4 oz.

Stock No.	No.	Each	Lots 10	Lots 100	Lots 500 up
CN-250	30	.07	.044	.038	.036

TEST CLIPS WITH MESH TEETH (B)

All steel, cadmium plated except * is solid copper. † is bronze. ‡ has insulation piercing needle in jaw. Avg. shpg. wt., 4 oz.

Stock No.	No.	Amp.	Size	Each	Lots 10	Lots 100	Lots 500 up
CN-251	45	5	1 1/2"	.07	.05	.042	.04
CN-252	45C*	10	1 1/2"	.13	.09	.078	.072
CN-253	48B	10	2"	.10	.07	.06	.056
CN-254	48C*	10	2"	.14	.098	.084	.08
CN-255	50C†‡	10	2 1/4"	.26	.18	.16	.15

* For reference only, insulator not supplied.

BATTERY CLIPS STEEL AND COPPER (B)

* Are solid copper, all others are lead plated. Avg. shpg. wt., 4 ozs.

Stock No.	No.	Amp.	Size	Each	Lots 10	Lots 100	Lots 500 up
CN-256	24A	25	2 7/8"	.22	.15	.13	.12
CN-257	21A	50	4"	.39	.28	.24	.23
CN-258	11A	100	6"	.98	.70	.60	.56
CN-259	24C*	50	2 7/8"	.33	.24	.20	.19
CN-260	21C*	100	4 1/2"	.89	.64	.55	.52
CN-261	11C*	200	6"	1.67	1.19	1.02	.95

3 SIDED MESH TEETH CLIPS (C)

* Solid copper, others cad plated steel. Avg. shpg. wt., 4 ozs.

Stock No.	No.	Amp.	Size	Each	Lots 10	Lots 100	Lots 500 up
CN-262	27	20	2 1/4"	.13	.09	.08	.07
CN-263	27C*	40	2 1/4"	.20	.14	.12	.112

PHOSPHOR-BRONZE WEE-PEE-WEE CLIPS (I)

Non-ferrous R.F. test clip. Length 1 1/4". Jaws open 3/16". Uses 93 insulator. Avg. Shpg. wt., 4 ozs.

Stock No.	No.	Each	Lots 10	Lots 100	Lots 500 up
CN-264	88	.22	.15	.13	.124

CROCODILE CLIPS (D)

Avg. shpg. wt., 4 ozs.

Stock No.	No.	Size	Conn.	Ea.	Lots 10	Lots 100	Lots 500 up
CN-265	85	2 1/2"	Screw	.09	.06	.052	.049
CN-266	85C*	2 1/2"	Screw	.16	.11	.098	.092
CN-267	85†‡	2 5/8"	Tip	.21	.15	.126	.12

* Copper, others cad. plated.

† has standard phone tip to one jaw.

ALLIGATOR CLIPS (E)

Avg. shpg. wt., 4 ozs.

Stock No.	No.	Size	Open	Conn.	Ea.	Lots 10	Lots 100	Lots 500 up
CN-268	60	2"	3/8"	Std.	.07	.05	.044	.04
CN-269	60S	2"	3/8"	Std.	.08	.058	.048	.044
CN-270	60CS*	2"	3/8"	Screw	.12	.084	.072	.068

* Copper, others steel. All fits banana plugs.

INSULATED ALLIGATOR CLIPS (F)

Specify red or black. * copper, others cad. plated steel. Avg. shpg. wt., 4 ozs.

Stock No.	No.	Size	Conn.	Ea.	Lots 10	Lots 100	Lots 500 up
CN-271	60HS	2 1/4"	Std.	.12	.084	.072	.068
CN-272	60CHS*	2 1/4"	Screw	.15	.105	.09	.086

TWIN CLIPS (G)

Jaws of both ends operate independently. Cad. plated steel 2" long, jaws open 1/2". Avg. shpg. wt., 4 ozs.

Stock No.	No.	Each	Lots 10	Lots 100	Lots 500 up
CN-273	22	.11	.08	.068	.064

FLEXIBLE INSULATORS (H). Avg. shpg. wt., 4 ozs.

BOX OF 10 CONTAINS 5 RED AND 5 BLACK.

Stock No.	Ins. No.	Fits Clip Series	Net Each	Lots 10	Lots 100	Lots 500 up
CN-274	13	11	.83	.99	.51	.48
CN-275	23	21	.45	.32	.27	.26
CN-276	26	24	.23	.16	.137	.13
CN-277	29	27	.15	.10	.088	.084
CN-278	32	30	.06	.04	.035	.033
CN-279	47	45	.06	.044	.038	.036
CN-280	49	48 & 50	.09	.065	.054	.052
CN-281	62	60	.06	.04	.035	.033
CN-282	87	85	.06	.044	.038	.036
CN-283	93	88	.12	.08	.07	.067

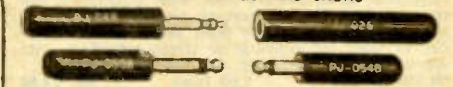
GENERAL RADIO TYPE 274MB INSULATED DOUBLE PLUG

Attractively designed, Molded-Styrene double plug assembly for rapid and convenient connections in the laboratory. Jack top permits stacking per multiple connections. Low capacitance, low losses, completely insulated for hand protection, polarity indication molded in. A cross hole in the center provides strain relief for attached cables up to 0-2" Dia. Shpg. wt., 5 oz. TD-216



Net .65

SWITCHCRAFT PLUGS AND JACKS

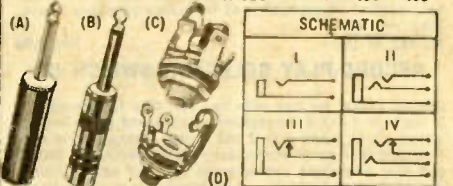


MIL TYPE PLUGS AND EXTENSION JACK

All meet industrial and military requirements. Plugs are made to MIL-P-642A Specs. The extension Jack type 820 meets MIL-J-641A specs. Best quality material and workmanship assure positive internal interlock. Parts will not shift in position. Black plastic handle. Extension Jack fits type 430 Littell plug. All have screw terminals. Avg. shpg. wt., 5 oz.

LITTEL-PLUGS AND JACKS

Stock No.	Type	Cond.	Old S.C. No.	Jan. Type	1-49	50-99	100 & up
PJ-69	430	2	PL-54	PJ-054B	.82	.69	.63
PJ-70	440	2	PL-55	PJ-055B	.82	.69	.63
PJ-71	480	3	PL-68	PJ-068	2.12	1.76	1.62
PJ-72	820	2	JK-26	JJ-026	1.18	.98	.90



"LITTLE PLUGS" PHONE PLUGS—Compact quality plugs. Fits standard 1/4" phone jacks except * with .206 diam. sleeve and † with short sleeve for Revere recorders. In plastic handle or with brass nickel plated shells for shielding. Solder terminal has built-in cable clamp. Handle 1 1/4" long, 1/2" diam. Av. shpg. wt., 4 oz.

Stock No.	Type	Fig.	Cond.	Handle	Terminals	Net
PJ-42	240	A	2	Black	Screw	.44
PJ-43	245	A	2	Red	Screw	.44
PJ-44	250	A	2	Black	Solder	.41
PJ-45	S-250†	A	2	Black	Solder	.44
PJ-46	255	A	2	Red	Solder	.41
PJ-47	260	A	3	Black	Screw	.71
PJ-48	267	A	3	Black	Solder	.62
PJ-49	280	B	2	Metal	Solder	.59
PJ-50	S-280*	B	2	Metal	Solder	.59
PJ-51	R-280†	B	2	Metal	Solder	.73
PJ-52	297	B	3	Metal	Solder	.76

"LITTLE-JAX" PHONE JACKS (Fig. C) Accept standard 1/4" phono plugs, except * with .210" I.D. sleeve and † mates with 48Q Mil type "Little-Plug." Abbrs.: SCC—single closed ckt.; OC—open ckt. 3/4" dia., 1 1/2" overall; 3/8" dia. threaded shank, 3/8" long. Av. Shpg. wt., 3 oz.

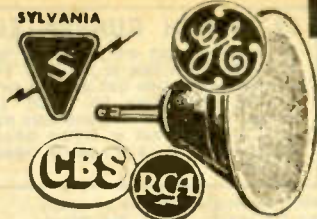
Stock No.	Type	Schematic	Cond.	CKT.	Jan Type	Net
PJ-53	11	I	2	OC		.24
PJ-54	C-11	I	2	OC	JJ-034	.35
PJ-55	S-11*	I	2	OC		.26
PJ-56	12A	II	2	SCC		.26
PJ-57	C-12A	II	2	SCC	JJ-089	.44
PJ-58	12B	III	3	OC		.32
PJ-59	C-12B†	III	3	OC	JJ-033	.41
PJ-60	13B	IV	3	SCC		.44

"TINI-PLUGS" SUBMINIATURE PHONE PLUGS. 2-conductor phone plug for use with "Tini-Jax." Only 1 1/8" in length. In plastic or metal shielded handles. Wt., 2 oz.

Stock No.	Type	Fig.	Handle	Terminals	Net
PJ-61	740	A	Black	Screw	.44
PJ-62	745	A	Red	Screw	.44
PJ-63	750	A	Black	Solder	.41
PJ-64	755	A	Red	Solder	.41
PJ-65	770	B	Metal	Screw	.62
PJ-66	780	B	Metal	Solder	.59

"TINI-JAX" SUBMINIATURE PHONE JACKS (Fig. D) 2-conductor jacks for "Tini-Plugs." Only 3/8" long. Abbrs.: OC—open ckt.; CC—closed ckt. Av. Shpg. wt., 2 oz.

Stock No.	Type	Schematic	CKT.	Net
PJ-67	41	I	OC	.24
PJ-68	42A	II	CC	.26



T.V. PICTURE TUBES

AVERAGE SHIPPING WEIGHTS FOR PICTURE TUBES

Size of tube	Avg Shpg Wt	Size of tube	Avg Shpg Wt	Size of tube	Avg Shpg Wt
5"	5 lbs.	12"	17 lbs.	20"	30 lbs.
7"	7 lbs.	14"	18 lbs.	21"	35 lbs.
8"	8 lbs.	16"	22 lbs.	23"	40 lbs.
9"	10 lbs.	17"	24 lbs.	24"	44 lbs.
10"	14 lbs.	19"	26 lbs.	27"	45 lbs.

The size of the picture tube is determined by the first two digits in the type number.



GENERAL ELECTRIC "PREMIUM" TUBES SYLVANIA — CBS — WESTINGHOUSE

A complete line of picture tubes to meet your every need. All are premium—tested General Electric tubes except † which are other famous brands such as Sylvania, Westinghouse, CBS Hytron. All types are in factory sealed cartons and are guaranteed both by Lafayette and the manufacturer for one full year. *Aluminized Screens. When ordering give stock number and type. See chart on this page for average shipping weight.

Stock No.	Type	List	Net Each	Stock No.	Type	List	Net Each
PT-200X	5AXP4†	—	19.35	PT-265X	19AP4B	52.00	34.20
PT-201X	5TP4*	60.00	39.20	PT-327X	192P4	50.00	32.90
PT-202X	7JP4	28.00	18.94	PT-266X	20CP4/DP4	37.00	25.02
PT-203X	8AP4A	19.00	13.06	PT-267X	20CP4A/DP4A	37.00	25.02
PT-204X	8XP4†	—	21.56	PT-268X	20CP4B/DP4B*	44.00	29.59
PT-205X	8YP4†	—	28.91	PT-269X	20CP4D/DP4C*	44.00	29.59
PT-206X	9QP4A	33.00	22.86	PT-270X	20HP4A/LP4/MP4	39.00	26.32
PT-207X	10AB4B†	23.25	17.11	PT-271X	20HP4C*	41.00	27.63
PT-208X	10BP4A	21.00	14.06	PT-272X	20HP4D*	39.00	26.32
PT-209X	10FP4A*	28.00	18.64	PT-273X	21ACP4/AMP4	37.00	23.94
PT-210X	HP4†	35.40	24.17	PT-274X	21ACP4A/ AMP4A/BSP4*	44.00	28.52
PT-211X	10MP4A†	27.60	18.64	PT-275X	21ALP4	39.00	25.25
PT-212X	12KP4A*	29.00	19.29	PT-276X	21ALP4B/ALP4A*	46.00	29.82
PT-213X	12LP4A	25.00	16.02	PT-277X	21AP4	65.00	42.58
PT-214X	12UP4B	27.00	19.60	PT-278X	21ATP4*	46.00	29.82
PT-215X	12VP4A†	31.75	21.30	PT-279X	21AUP4A/ AVP4B/AVP4A*	46.00	29.82
PT-216X	14AJP4*	40.00	26.98	PT-280X	21AWP4*	44.00	28.52
PT-321X	14ATP4*	32.00	20.94	PT-281X	21AXP22A	160.00	127.40
PT-217X	14CP4/EP4	25.00	16.33	PT-282X	21BTP4*	46.00	29.82
PT-322X	14CP4A*	35.40	22.34	PT-283X	21CBP4/CBP4A*	46.00	29.82
PT-218X	14NP4A/SP4*†	35.40	23.84	PT-284X	21CEP4A*	50.00	32.76
PT-219X	14QP4	24.00	16.98	PT-285X	21CMP4*	46.00	29.82
PT-220X	14QP4A*	28.00	19.60	PT-286X	21CQP4*	52.00	33.74
PT-221X	14RP4A*	34.00	23.56	PT-287X	21CUP4*†	45.00	29.24
PT-222X	14WP4*†	34.00	22.90	PT-288X	21CWP4*	46.00	29.82
PT-223X	14XP4A*†	35.40	23.84	PT-289X	21CXPA*†	46.00	29.82
PT-225X	16AP4A	54.00	39.54	PT-290X	21DEP4A/AP4*	50.00	32.76
PT-226X	16DP4A	30.00	20.25	PT-291X	21DHP4*†	51.50	33.74
PT-227X	16EP4A†	58.00	39.52	PT-292X	21DLP4*†	45.30	29.50
PT-228X	16GP4	45.00	32.36	PT-293X	21DQP4*†	46.00	29.82
PT-229X	16GP4B†	45.00	32.36	PT-328X	21DSP4	46.50	30.24
PT-230X	16JP4A†	42.00	28.74	PT-294X	21EAP4*†	63.00	41.58
PT-231X	16KP4/ RP4	28.00	18.94	PT-295X	21EP4A*	39.00	26.02
PT-232X	16KP4A/RP4A*	31.00	20.90	PT-296X	21EP4B*	43.00	28.63
PT-233X	16LP4A/ ZP4	32.00	21.90	PT-329X	21EQP4	54.50	35.70
PT-234X	16TP4	28.00	18.94	PT-297X	21ESP4*	52.00	33.74
PT-235X	16WP4A	34.00	23.21	PT-330X	21EVP4	63.00	44.58
PT-236X	17AVP4A/ATP4*	38.60	25.38	PT-298X	21FPA4	35.00	23.40
PT-237X	17BP4A†	39.00	25.71	PT-299X	21FPC4*	39.00	26.02
PT-238X	17BP4A/JP4	31.00	20.60	PT-300X	21MP4	66.00	43.89
PT-239X	17BP4B*	35.00	23.86	PT-301X	21WP4†	37.40	24.05
PT-240X	17BRP4*†	43.30	28.65	PT-302X	21WP4A*	45.00	29.17
PT-241X	17BVP4*†	44.50	29.50	PT-303X	21XPA/AYP4	39.00	25.25
PT-242X	17BP4A/CSP4*	45.00	29.63	PT-304X	21XPAA*	46.00	29.82
PT-323X	17CDP4	53.00	34.86	PT-305X	21YPA	39.00	25.25
PT-243X	17CFP4*	39.00	25.71	PT-306X	21YPA*	45.00	29.17
PT-244X	17CKP4/ CAP4/BZP4*	43.00	28.98	PT-307X	21ZPA4	37.00	23.94
PT-245X	17CLP4*†	39.60	26.10	PT-308X	21ZPB4*	44.00	28.52
PT-246X	17CNP4*†	39.60	26.10	PT-311X	23ANP4*†	76.40	52.26
PT-247X	17CP4	50.00	32.90	PT-332X	AR-23ANPH/TP4*	78.40	53.57
PT-248X	17CRP4*†	39.60	26.10	PT-309X	23CP4*†	76.40	52.26
PT-250X	17CTP4*†	44.50	29.50	PT-333X	23JP4*†	76.40	52.26
PT-251X	17DAP4*†	53.00	35.51	PT-334X	23KP4*	68.00	45.50
PT-252X	17DKP4*†	45.00	29.63	PT-335X	23KP4A*	70.00	46.81
PT-253X	17DLP4*†	45.00	29.63	PT-336X	23UP4*†	76.40	52.26
PT-254X	17DQP4*†	44.50	29.50	PT-337X	23YP4*†	76.40	52.26
PT-324X	17DSP4*†	44.50	29.50	PT-338X	23ZP4*†	76.40	52.26
PT-325X	17DTP4*†	44.50	29.50	PT-310X	24AEP4*	65.00	43.16
PT-255X	17FP4A/FP4	34.00	23.23	PT-311X	24AHP4*	70.00	46.20
PT-256X	17GP4	52.00	34.20	PT-312X	24ALP4*	70.00	46.20
PT-257X	17HP4B/RP4C*	37.00	25.17	PT-313X	24ANP4*†	67.00	43.81
PT-258X	17LP4A/VP4B*	36.00	24.13	PT-339X	24AUP4*†	67.00	43.81
PT-259X	17QP4/UP4/YP4	31.00	20.87	PT-314X	24AVP4*	88.00	58.19
PT-260X	17RP4A*	35.00	23.48	PT-316X	24CP4A/TP4/ VP4A/ADP4*	64.00	41.85
PT-261X	17CP4A/HP4	33.00	22.56	PT-317X	24DP4A/YP4*	65.00	43.16
PT-262X	17TP4	52.00	34.20	PT-318X	27EP4*	111.00	74.29
PT-263X	17VP4/LP4	33.00	22.17	PT-319X	27LP4*†	111.00	74.29
PT-326X	AR-19AFP4/UP4	59.50	40.50	PT-320X	27RP4*	111.00	74.29
PT-264X	19AP4A	52.00	34.20				

LAFAYETTE BUDGET-PRICED T.V. PICTURE TUBES

GUARANTEED ONE FULL YEAR

TOP QUALITY PICTURE TUBES IN FACTORY-SEALED CARTON — REBUILT BY TOP TV PICTURE TUBE MANUFACTURER AT LAFAYETTE ECONOMY PRICES! Net price "with DUD" based on your prepaid shipment or delivery of old picture tube (Dud). Returned tubes must be intact and without scratches. When ordering give stock number and type. * Indicates tubes with aluminized screens. † Indicates metal tubes.

Stock No.	Type	Net Price Less Oud	With Oud	Stock No.	Type	Net Price Less Oud	With Oud
PT-350X	12LP4A	12.75	11.25	PT-369X	21AP4	29.00	22.50
PT-351X	14EP4/CP4	12.95	11.95	PT-370X	21ACP4A/ AMP4A/BSP4*	21.50	16.50
PT-352X	14EP4B/CP4B*	14.50	13.50	PT-371X	21ALP4*	21.50	16.50
PT-391X	14QP4*	15.00	13.50	PT-372X	21ALP4A*	23.50	18.50
PT-393X	14RP4*	16.50	15.00	PT-373X	21AUP4/AVP4	23.25	18.25
PT-353X	16AP4/AP4A	18.50	17.50	PT-374X	21AUP4B/AVP4B*	24.00	19.00
PT-354X	16GP4*†	16.25	15.25	PT-399X	21BTP4*	23.45	18.45
PT-355X	16KP4/RP4	12.75		PT-400X	21BTP4A*	25.75	20.75
PT-356X	16KP4A/RP4A*	15.00		PT-375X	21CBP4A*	24.50	19.50
PT-394X	17AVP4	19.75	16.25	PT-401X	21DEP4*	29.45	24.45
PT-395X	17AVP4A*	21.40	17.90	PT-376X	21EP4A	18.00	15.50
PT-357X	17BP4/ BP4A	15.50	14.50	PT-377X	21EP4B*	20.00	17.50
PT-358X	17BP4B*	16.50	15.50	PT-378X	21FPA4/ KP4A	18.50	16.00
PT-396X	17BRP4*	27.45	23.95	PT-379X	21FP4C/ KP4C*	20.50	18.00
PT-359X	17CP4†	21.95	17.45	PT-402X	21MP4	29.50	23.00
PT-360X	17GP4/TP4†	25.75	21.25	PT-380X	21WP4	22.00	17.00
PT-361X	17HP4/RP4	16.50	15.50	PT-381X	21WP4*	23.50	18.00
PT-362X	17HP4B/RP4C*	18.50	17.50	PT-382X	21YP4	21.50	16.00
PT-363X	17LP4/VP4	17.25	15.00	PT-383X	21YP4A*	23.00	18.00
PT-364X	17LP4A/VP4B*	18.25	16.00	PT-384X	21ZPA/ ZP4A	21.00	16.00
PT-397X	17QP4	16.50	14.25	PT-385X	21ZPB	22.75	17.75
PT-398X	17QPA*	19.15	16.95	PT-386X	24CP4	31.50	25.25
PT-365X	19AP4A†	19.00	15.50	PT-387X	24CP4A*	33.50	27.25
PT-366X	19AP4B†	19.00	15.50	PT-403X	24DP4	33.00	26.75
PT-367X	20CP4A/DP4*	18.50	17.00	PT-389X	24DP4A*	35.00	28.75
PT-368X	20CP4D/DP4C*	19.50	18.00				

RCA "SILVERAMA" ALL-NEW TUBES

* Aluminized Screens. When ordering give stock number and type. See chart on this page for average shipping weights.

Stock No.	Type	List	Net Each	Stock No.	Type	List	Net Each
PT-20X	5TP4*	86.90	59.64	PT-64X	20HP4A/MP4	52.20	35.80
PT-21X	7JP4	34.80	23.84	PT-65X	20CP4*	56.90	39.00
PT-22X	8OP4	37.40	25.68	PT-66X	21ACP4A/BSP4/ AMP4A*	56.40	38.67
PT-23X	10BP4A	31.70	21.76	PT-67X	21ALP4B/ALP4A*	59.20	40.63
PT-24X	10FP4A*	39.80	27.30	PT-68X	21AP4	70.70	48.47
PT-25X	12KP4A*	40.30	27.64	PT-69X	21ATP4A/ATP4*	59.20	40.63
PT-26X	12LP4A	35.50	24.36	PT-70X	21AVP4/9UP4	56.00	38.42
PT-27X	14ATP4*	44.60	30.58	PT-71X	21AVP4B/A/ UP4B/A	60.70	41.61
PT-28X	14EP4/CP4/BP4	37.00	25.34	PT-72X	21AWP4*	56.50	38.74
PT-29X	14HP4	39.10	26.78	PT-73X	21AXP22A	160.00	137.20
PT-30X	14QP4A*	44.60	30.58	PT-74X	21BTP4*	58.90	40.38
PT-31X	14RP4	43.30	29.32	PT-75X	21CBP4A*	59.90	41.09
PT-32X	14RP4A*	47.20	32.74	PT-76X	21CEP4A/A*	63.40	43.51
PT-33X	14WP4/ZP4*	44.60	30.58	PT-102X	21CQP4*	63.60	43.64
PT-34X	15CP22	160.00	137.20	PT-77X	21CXPA*	58.30	39.98



RECEIVING TUBES

Authorized Distributors

BRAND NEW—FRESH STOCK—ORIGINAL BOXED TUBES

All tubes are brand new, individually boxed in original tube manufacturer's jobber cartons—just as they came from the tube factory. We stock the leading brands—RCA, GE, Sylvania, CBS and Westinghouse.

NEW TYPES: Lafayette will automatically stock all new types. If you don't find the type you need in this listing, do not hesitate to order it; we will ship it at our regular low prices.

REPLACED TYPES: When the original type is no longer available we will ship the newer, directly interchangeable version.

12 MONTH GUARANTEE

All receiving tubes are guaranteed for 12 months from date of purchase. We will replace any tube that does not give efficient performance for a full 12 months' period. This of course does not apply to burned out or broken tubes. Average shpg. wt., 4 oz., per 10 tubes, 2 1/4 lbs.

Tube Type	Net Each in lots of				Tube Type	Net Each in lots of				Tube Type	Net Each in lots of				Tube Type	Net Each in lots of								
	List	1-5	6-49	50-up		List	1-5	6-49	50-up		List	1-5	6-49	50-up		List	1-5	6-49	50-up					
024	2.15	1.14	1.05	.94	30T6	2.20	1.17	1.08	.97	6AG5	2.60	1.37	1.27	1.14	6BS8	3.75	1.98	1.84	1.66	6EM5	3.05	1.62	1.49	1.34
024A	2.15	1.14	1.05	.94	3EAS5	2.80	1.48	1.37	1.23	6AG7	5.90	3.13	2.89	2.60	6BU8	2.80	1.48	1.37	1.23	6EM7	3.40	1.80	1.66	1.49
024G	2.35	1.24	1.15	1.03	3ER5	3.00	1.59	1.47	1.32	6AH4GT	3.30	1.74	1.62	1.46	6BV8	3.20	1.70	1.57	1.41	6ER5	2.70	1.43	1.32	1.19
1A3	3.40	1.80	1.66	1.49	3L4	4.20	2.22	2.06	1.85	6AM6	4.65	2.46	2.27	2.05	6BW4	2.05	1.09	1.00	.90	6ES5	2.95	1.56	1.44	1.30
1A5GT	3.20	1.70	1.57	1.41	30A	2.75	1.45	1.35	1.21	6AK5	4.20	2.22	2.06	1.85	6BW8	3.30	1.74	1.62	1.46	6ES8	4.65	2.46	2.27	2.05
1A7GT	3.70	1.96	1.81	1.63	305GT	3.60	1.90	1.76	1.58	6AK6	2.90	1.54	1.42	1.28	6BX7GT	4.00	2.12	1.96	1.76	6EU7	2.60	1.37	1.27	1.14
1AB5	5.70	3.02	2.79	2.51	3S4	2.45	1.29	1.20	1.08	6AL3	2.95	1.56	1.44	1.30	6BY5A	4.20	2.22	2.06	1.85	6EU8	3.15	1.67	1.54	1.39
1AF4	4.45	2.35	2.18	1.96	3VA	2.35	1.24	1.15	1.03	6AL5	1.85	.98	.91	.81	6BY6	2.35	1.24	1.15	1.03	6EV5	3.00	1.59	1.47	1.32
1AG4	6.85	3.63	3.35	3.01	4AU6	2.20	1.17	1.08	.97	6AL7GT	5.75	3.04	2.81	2.54	6BY8	2.80	1.48	1.37	1.23	6EV7	2.50	1.32	1.22	1.11
1AX2	3.05	1.62	1.49	1.34	4BC5	2.35	1.24	1.15	1.03	6AM4	5.90	3.13	2.89	2.60	6BZ2	2.25	1.19	1.10	.99	6EW6	2.30	1.22	1.13	1.02
1B3GT	2.90	1.54	1.42	1.28	4BC8	4.05	2.15	1.98	1.78	6AM8	3.25	1.71	1.59	1.43	6BZ7	4.00	2.12	1.96	1.76	6EX6	5.70	3.02	2.79	2.51
1C5GT	3.65	1.93	1.79	1.61	4BN6	3.05	1.62	1.49	1.34	6AM8A	3.25	1.71	1.59	1.43	6BZ8	4.45	2.35	2.18	1.96	6EY6	3.00	1.59	1.47	1.32
1ON5	2.20	1.17	1.08	.97	4BQ7A	4.00	2.12	1.96	1.76	6AN4	4.95	2.62	2.43	2.18	6C4	1.85	.98	.91	.81	6EZ5	3.25	1.71	1.59	1.43
1G3GT					4BS8	3.85	2.04	1.89	1.70	6AN8	3.50	1.85	1.71	1.55	6C5	3.00	1.59	1.47	1.32	6EZ8	3.80	2.01	1.86	1.67
1B3GT	2.90	1.54	1.42	1.28	4BU8	2.80	1.48	1.37	1.23	6AN8A	3.50	1.85	1.71	1.55	6C5GT	2.90	1.54	1.42	1.28	6F5	3.40	1.80	1.66	1.49
1H5GT	3.05	1.62	1.49	1.34	4BX8	3.45	1.82	1.69	1.52	6AQ5	2.15	1.14	1.05	.94	6C6	4.80	2.54	2.35	2.11	6F5GT	3.10	1.64	1.52	1.37
1J3	2.90	1.54	1.42	1.28	4BZ6	2.25	1.19	1.10	.99	6AQ5A	2.15	1.14	1.05	.94	6C8G	5.10	2.70	2.50	2.24	6F6	4.00	2.12	1.96	1.76
1K3	2.90	1.54	1.42	1.28	4BZ7	4.05	2.15	1.98	1.78	6AQ6	2.20	1.17	1.08	.97	6CA4	1.95	1.03	.96	.86	6F6G	3.65	1.93	1.79	1.61
1L4	2.65	1.40	1.30	1.17	4CB6	2.30	1.22	1.13	1.02	6AQ7GT	4.00	2.12	1.96	1.76	6CA5	2.50	1.32	1.22	1.11	6F6GT	3.65	1.93	1.79	1.61
1L6	3.50	1.85	1.71	1.55	4CE5/4BC5	2.35	1.24	1.15	1.03	6AQ8/					6CA7/EL34	5.20	2.75	2.55	2.29	6F7	7.25	3.83	3.56	3.20
1LA4	4.45	2.35	2.18	1.96	4CS6	2.35	1.24	1.15	1.03	ECC85	2.60	1.37	1.27	1.14	6CB5A	7.50	3.97	3.67	3.30	6F8C	5.60	2.96	2.74	2.47
1LA6	4.10	2.17	2.01	1.81	4CY5	2.85	1.51	1.40	1.26	6AR5	2.60	1.37	1.27	1.14	6CB6	2.25	1.19	1.10	.99	6F8G	2.80	1.48	1.37	1.23
1LB4	4.45	2.35	2.18	1.96	4DE6	2.65	1.40	1.30	1.17	6AR8	4.35	2.30	2.13	1.92	6CB8A	2.25	1.19	1.10	.99	6F9C	2.95	1.56	1.44	1.30
1LC5	4.05	2.15	1.98	1.78	4DT6	2.20	1.17	1.08	.97	6AS5	2.40	1.27	1.18	1.06	6CD6GA	5.80	3.07	2.84	2.56	6FH5	2.50	1.32	1.22	1.11
1L6	4.10	2.17	2.01	1.81	4E58	4.65	2.46	2.27	2.04	6AS8	3.35	1.77	1.64	1.48	6CE5	2.35	1.24	1.15	1.03	6FH8	3.30	1.74	1.62	1.46
1LU5	4.25	2.25	2.08	1.87	4EW6	2.35	1.24	1.15	1.03	6AT6	1.90	1.01	.93	.84	6CE5/6BC5	2.35	1.24	1.15	1.03	6FM8	3.00	1.59	1.47	1.32
1LE3	4.25	2.25	2.08	1.87	5AM8	3.30	1.74	1.62	1.46	6AT8	3.20	1.70	1.57	1.41	6CF6	2.55	1.35	1.25	1.12	6FV8	2.80	1.48	1.37	1.23
1LU5	4.05	2.15	1.98	1.78	5AN8	3.55	1.88	1.74	1.57	6AT8A	3.20	1.70	1.57	1.41	6CG7	2.45	1.29	1.20	1.08	6FV8	3.15	1.67	1.54	1.39
1JH4	3.95	2.09	1.93	1.74	5A05	2.20	1.17	1.08	.97	6AU4GT	3.40	1.80	1.66	1.49	6CG8	3.15	1.67	1.54	1.39	6GG6	4.50	2.38	2.20	1.98
1LN5	3.95	2.09	1.93	1.74	5AR4/GZ34	4.50	2.38	2.20	1.98	6AU4GTA	3.40	1.80	1.66	1.49	6CG8A	3.15	1.67	1.54	1.39	6GE8	5.45	2.88	2.68	2.41
1N2	3.20	1.70	1.57	1.41	5AS4A	2.15	1.14	1.05	.94	6AU5GT	4.30	2.27	2.11	1.90	6CH8	3.60	1.90	1.76	1.58	6GH8	3.15	1.67	1.54	1.39
1N5GT	3.65	1.93	1.79	1.61	5AS8	3.40	1.80	1.66	1.49	6AU6	2.10	1.11	1.03	.93	6CK4	2.80	1.48	1.37	1.23	6GK6	2.75	1.45	1.35	1.21
1P5GT	3.50	1.85	1.71	1.55	5AT8	3.25	1.71	1.59	1.43	6AU6A	2.10	1.11	1.03	.93	6CL5	8.75	4.63	4.29	3.86	6GM6	2.40	1.27	1.18	1.06
1Q5GT	4.05	2.15	1.98	1.78	5AU4	3.40	1.80	1.66	1.49	6AU7	2.90	1.54	1.42	1.28	6CL6	3.75	1.98	1.84	1.66	6GN8	3.75	1.98	1.84	1.66
1R4/1294	3.75	1.98	1.84	1.66	5AV8	4.05	2.15	1.98	1.78	6AU8	3.50	1.85	1.71	1.55	6CL8	3.15	1.67	1.54	1.39	6H6	3.50	1.85	1.71	1.55
1R5	2.55	1.35	1.25	1.12	5AW4	2.80	1.48	1.37	1.23	6AU8A	3.50	1.85	1.71	1.55	6CL8A	3.15	1.67	1.54	1.39	6J5	3.10	1.64	1.52	1.37
1S2A	3.00	1.59	1.47	1.32	5AZ2A	2.65	1.40	1.30	1.17	6AV5GA	3.80	2.01	1.86	1.67	6CM6	2.55	1.35	1.25	1.12	6J5GT	2.70	1.43	1.32	1.19
1S4	3.65	1.93	1.79	1.61	5B8	4.10	2.17	2.01	1.81	6AV6	1.65	.87	.80	.72	6CM7	2.75	1.45	1.35	1.21	6J6	2.80	1.48	1.37	1.23
1S5	2.55	1.35	1.25	1.12	5BE8	3.30	1.74	1.62	1.46	6AW8A	3.55	1.88	1.74	1.57	6CM8	3.55	1.88	1.74	1.57	6J6A	2.80	1.48	1.37	1.23
1T4	2.40	1.27	1.18	1.06	5BK7A	3.40	1.80	1.66	1.49	6AX4GT	2.65	1.40	1.30	1.17	6CN7	2.60	1.37	1.27	1.14	6J7	4.55	2.41	2.23	2.01
1U4	2.35	1.24	1.15	1.03	5BQ7A	4.00	2.12	1.96	1.76	6AX4GTA	2.65	1.40	1.30	1.17	6CQ8	3.30	1.74	1.62	1.46	6J7GT	4.05	2.15	1.98	1.78
1U5	2.10	1.11	1.03	.93	5BR8	3.30	1.74	1.62	1.46	6AX4GTB	2.65	1.40	1.30	1.17	6CR6	2.40	1.27	1.18	1.06	6K6GT	2.35	1.24	1.15	1.03
1U6	3.50	1.85	1.71	1.55	5BT8	3.30	1.74	1.62	1.46	6AX5GT	2.95	1.56	1.44	1.30	6CS6	2.35	1.24	1.15	1.03	6K7	4.35	2.30	2.13	1.92
1V	4.05	2.15	1.98	1.78	5BW8	3.40	1.80	1.66	1.49	6AX8	3.50	1.85	1.71	1.55	6CS7	2.95	1.56	1.44	1.30	6K7C	3.80	2.01	1.86	1.67
1V2	2.00	1.06	.88	.88	5C8	3.20	1.70	1.57	1.41	6AZ8	4.20	2.22	2.06	1.85	6CU5	2.35	1.24	1.15	1.03	6K7GT	3.80	2.01	1.86	1.67
1V6	3.90	2.07	1.91	1.72	5CL8	3.15	1.67	1.54	1.39	6B8	5.15	2.72	2.52	2.26	6CU6	4.35	2.30	2.13	1.92	6K8	4.45	2.35	2.18	1.96
1X2A	3.05	1.62	1.49	1.34	5CL8A	3.15	1.67	1.54	1.39	6BA6	2.00	1.06	.98	.88	6CU8	3.65	1.93	1.79	1.61	6L6	6.35	3.36	3.12	2.81
1X2B	3.05	1.62	1.49	1.34	5CM8	3.55	1.88	1.74	1.57	6BA7	3.70	1.96	1.81	1.63	6CW4	4.45	2.35	2.18	1.96	6L6GB	4.20	2.22	2.06	1.85
2A3	6.95	3.67	3.41	3.07	5CQ8	3.35	1.77	1.64	1.48	6BA8A	3.55	1.88	1.74	1.57	6CX8	3.65	1.93	1.79	1.61	6L6GC	3.80	2.01	1.86	1.67
2A6	3.65	1.93	1.79	1.61	5CZ5	2.85	1.51	1.40	1.26	6BC4	4.90	2.60	2.40	2.16	6CY5	2.75	1.45	1.35	1.21	6L7	5.00	2.65	2.45	2.20
2A7	3.65	1.93	1.79	1.61	5D8	4.05	2.15	1.98	1.78	6BC5	2.30	1.22	1.13	1.02	6CY7	2.95	1.56	1.44	1.30	6N7	4.55	2.41	2.23	2.01
2AF4A	4.05	2.15	1.98	1.78	5EA8	3.15	1.67																	

RECEIVING TUBES (Cont.)

Net Each				Net Each				Net Each				Net Each				Net Each								
Tube Type	List	1-5	6-49	50 up	Tube Type	List	1-5	6-49	50 up	Tube Type	List	1-5	6-49	50 up	Tube Type	List	1-5	6-49	50 up	Tube Type	List	1-5	6-49	50 up
6J8A	3.30	1.74	1.62	1.46	908A	3.30	1.74	1.62	1.46	12006A	4.25	2.25	2.08	1.87	1486	3.50	1.85	1.71	1.55	35/51	4.35	2.30	2.13	1.92
6V3A	4.35	2.30	2.13	1.92	10C8	4.25	2.25	2.08	1.87	12006B	4.25	2.25	2.08	1.87	1488	3.60	1.90	1.76	1.58	35A5	3.50	1.85	1.71	1.55
6V4/EZ-80	1.60	.84	.78	.70	10E7	2.95	1.56	1.44	1.30	12007	3.30	1.74	1.62	1.46	14C5	4.05	2.15	1.98	1.78	35B5	2.65	1.40	1.30	1.17
6V6	4.80	2.54	2.35	2.11	10E8B	3.75	1.98	1.84	1.66	120S7	3.40	1.80	1.66	1.49	14C7	3.40	1.80	1.66	1.49	35C5	2.15	1.14	1.05	.94
6V6GT	2.15	1.14	1.05	.94	10E7G	3.15	1.67	1.54	1.39	120T5	3.05	1.62	1.49	1.34	14E6	3.95	2.09	1.93	1.74	35D5	3.10	1.64	1.52	1.37
6V6GTA	2.20	1.17	1.08	.97	11C17	3.00	1.59	1.47	1.32	120T8	3.75	1.98	1.84	1.66	14F7	4.05	2.15	1.98	1.78	35EH5	2.30	1.22	1.13	1.02
6V8	4.10	2.17	2.01	1.81	12A8G	4.75	2.51	2.33	2.10	120U7	3.35	1.77	1.64	1.48	14F8	4.60	2.43	2.25	2.03	35GL6	2.30	1.22	1.13	1.02
6W4GT	2.40	1.27	1.18	1.06	12A8GT	4.30	2.80	2.60	2.34	120V7	2.95	1.56	1.44	1.30	14GT8	3.00	1.59	1.47	1.32	35L6GT	2.40	1.27	1.18	1.06
6W6GT	2.85	1.51	1.40	1.26	12A8S	2.45	1.29	1.20	1.08	120V8	3.55	1.88	1.74	1.57	14H7	4.10	2.17	2.01	1.81	35W4	1.40	.74	.69	.62
6X4	1.65	.87	.80	.72	12AC6	2.20	1.17	1.08	.97	120W7	2.80	1.48	1.37	1.23	14J7	5.10	2.70	2.50	2.24	35Y4	2.75	1.45	1.35	1.21
6X5GT	2.05	1.09	1.00	.90	12A06	2.30	1.22	1.13	1.02	120W8	3.10	1.64	1.52	1.37	14N7	3.80	2.01	1.86	1.67	35Z3	2.75	1.45	1.35	1.21
6X8	3.15	1.67	1.54	1.39	12A6E	2.00	1.06	.98	.88	120Z6	2.50	1.32	1.22	1.11	14O7	4.10	2.17	2.01	1.81	35Z4GT	2.35	1.24	1.15	1.03
6Y6G	3.45	1.82	1.69	1.52	12A6GA	2.05	1.09	1.00	.90	12E6A	2.65	1.40	1.30	1.17	14R7	5.35	2.83	2.63	2.37	35Z5GT	1.85	.98	.91	.81
6Y6GA	3.45	1.82	1.69	1.52	12A6F	3.75	1.98	1.84	1.66	12E6C	3.30	1.74	1.62	1.46	14S7	4.80	2.54	2.35	2.11	36	4.35	2.30	2.13	1.92
6Y6GT	3.45	1.82	1.69	1.52	12A6F3	2.80	1.48	1.37	1.23	12E05	2.50	1.32	1.22	1.11	14W7	4.75	2.51	2.33	2.10	36AM3	1.50	.79	.73	.66
7A4/XXL	3.25	1.71	1.59	1.43	12A6F6	3.25	1.74	1.61	1.45	12E66	2.30	1.22	1.13	1.02	14X7	3.80	2.01	1.86	1.67	37	3.80	2.01	1.86	1.67
7A5	3.85	2.04	1.89	1.70	12A7G	4.20	2.22	2.06	1.85	12E65	2.35	1.24	1.15	1.03	14Y4	3.50	1.85	1.71	1.55	39/44	4.35	2.30	2.13	1.92
7A6	3.15	1.67	1.54	1.39	12A16	2.05	1.09	1.00	.90	12E66	2.50	1.32	1.22	1.11	17AV5GT	3.85	2.04	1.89	1.70	40A1	4.50	2.38	2.20	1.98
7A7	3.50	1.85	1.71	1.55	12A15	1.90	1.01	.93	.84	12E67	2.00	1.06	.98	.88	17AX4GT	2.70	1.43	1.32	1.19	40B2	4.50	2.38	2.20	1.98
7A8	4.70	2.49	2.30	2.07	12A18	4.00	2.12	1.96	1.76	12E66	3.10	1.67	1.52	1.37	17BQGTB	5.00	2.65	2.45	2.20	41	3.50	1.85	1.71	1.55
7A07	6.45	3.41	3.17	2.85	12A05	2.40	1.27	1.18	1.06	12EN6	3.05	1.62	1.49	1.34	17C5	2.35	1.24	1.15	1.03	42	3.50	1.85	1.71	1.55
7A7F	3.85	2.04	1.89	1.70	12A7E	1.65	.87	.80	.72	12E26	2.30	1.22	1.13	1.02	17D4	2.75	1.45	1.35	1.21	43	4.75	2.51	2.33	2.10
7AC7	3.85	2.04	1.89	1.70	12A7F	3.05	1.62	1.49	1.34	12F5GT	3.15	1.67	1.54	1.39	17O4E	2.85	1.51	1.40	1.26	46	4.65	2.46	2.27	2.04
7AH7	3.85	2.04	1.89	1.70	12A06	2.15	1.14	1.05	.94	12F8	2.75	1.45	1.35	1.21	17Q06A	4.20	2.22	2.06	1.85	47	9.15	4.84	4.49	4.04
7AU7	2.60	1.37	1.27	1.14	12A07	2.45	1.29	1.20	1.08	12FA6	2.00	1.06	.98	.88	17Q06B	4.20	2.22	2.06	1.85	50A1	5.20	2.75	2.55	2.29
7B4	3.05	1.62	1.49	1.34	12A07A	2.45	1.29	1.20	1.08	12FK6	2.10	1.11	1.03	.93	17E08	2.60	1.37	1.27	1.14	50A5	4.15	2.20	2.03	1.83
7B5	4.75	2.51	2.33	2.10	12AV5GA	3.85	2.04	1.89	1.70	12FM6	2.00	1.06	.98	.88	17H3	2.15	1.14	1.05	.94	50B5	2.65	1.40	1.30	1.17
7B6	3.25	1.71	1.59	1.43	12AV6	1.65	.87	.80	.72	12F08	3.00	1.59	1.47	1.32	17L6GT	2.40	1.27	1.18	1.06	50C5	2.15	1.14	1.05	.94
7B7	3.50	1.85	1.71	1.55	12AV7	3.35	1.77	1.64	1.48	12FR8	3.65	1.93	1.79	1.61	17R5	3.60	1.97	1.77	1.61	50C4	1.50	.79	.73	.66
7B8	3.55	1.88	1.74	1.57	12AW6	2.95	1.56	1.44	1.30	12FT6	2.00	1.06	.98	.88	17W6GT	2.75	1.45	1.35	1.21	50E5	2.30	1.22	1.13	1.02
7C4	5.00	2.65	2.45	2.20	12AX4GTA	2.70	1.43	1.32	1.19	12FX8	3.40	1.80	1.66	1.49	18A5	4.10	2.17	2.01	1.81	50F5	3.65	1.93	1.79	1.61
7C5	3.50	1.85	1.71	1.55	12AX4GTB	2.70	1.43	1.32	1.19	12GA6	2.30	1.22	1.13	1.02	18F6W	2.00	1.06	.98	.88	50L6GT	2.40	1.27	1.18	1.06
7C6	3.50	1.85	1.71	1.55	12AX7	2.55	1.35	1.25	1.12	12G6A	4.20	2.22	2.06	1.85	18FX6	2.15	1.14	1.05	.94	50X6	3.20	1.70	1.57	1.41
7C7	3.20	1.70	1.57	1.41	12AX7A	2.55	1.35	1.25	1.12	12G6C	3.05	1.62	1.49	1.34	18FY6	1.65	.87	.80	.72	50Y6GT	2.95	1.56	1.44	1.30
7E5	4.05	2.15	1.98	1.78	12AY7	5.00	2.65	2.45	2.20	12H6	3.05	1.62	1.49	1.34	19A04	3.45	1.82	1.69	1.52	50Y7GT	3.05	1.62	1.49	1.34
7E6	4.05	2.15	1.98	1.78	12AZ7	2.75	1.45	1.35	1.21	12J5	3.30	1.74	1.62	1.46	19A04GTA	3.45	1.82	1.69	1.52	55	4.35	2.30	2.13	1.92
7E7	4.45	2.35	2.18	1.96	12AZ7A	2.75	1.45	1.35	1.21	12J5GT	2.95	1.56	1.44	1.30	19A4GTA	3.45	1.82	1.69	1.52	60F5	2.35	1.24	1.15	1.03
7EV6	3.00	1.59	1.47	1.32	12B4A	2.70	1.43	1.32	1.19	12J7GT	4.60	2.43	2.25	2.03	19B66	6.50	3.44	3.19	2.87	70L7GT	10.15	5.37	4.98	4.48
7F7	3.85	2.04	1.89	1.70	12B6A	2.00	1.06	.98	.88	12J8	3.30	1.74	1.62	1.46	19B66GA	6.50	3.44	3.19	2.87	71A	5.10	2.70	2.50	2.24
7F8	4.60	2.43	2.25	2.03	12B7A	3.95	2.09	1.93	1.74	12K5	2.95	1.56	1.44	1.30	19C8	4.45	2.35	2.18	1.96	75	5.10	2.70	2.50	2.24
7G7	4.00	2.12	1.96	1.76	12B06	2.25	1.19	1.10	.99	12K7GT	4.05	2.15	1.98	1.78	19CL8A	3.15	1.67	1.54	1.39	78	5.10	2.70	2.50	2.24
7M7	3.90	2.07	1.91	1.72	12B6E	2.15	1.14	1.05	.94	12K8	5.70	3.02	2.79	2.51	19E8A	3.15	1.67	1.54	1.39	80	2.90	1.54	1.42	1.28
7J7	5.15	2.72	2.52	2.26	12B6F	2.10	1.11	1.03	.93	12L6GT	2.45	1.29	1.20	1.08	19F8	3.35	1.77	1.64	1.48	EM81/60A5	2.45	1.29	1.20	1.09
7K7	4.45	2.35	2.18	1.96	12B7A	3.05	1.62	1.49	1.34	12Q7GT	3.65	1.93	1.79	1.61	19V8	4.05	2.15	1.98	1.78	EZ81/6CA4	1.95	1.03	.96	.86
7L7	4.25	2.25	2.08	1.87	12B8S	3.80	2.01	1.86	1.67	12R5	2.60	1.37	1.27	1.14	19X8	3.70	1.96	1.81	1.63	ECL82/				
7N7	3.55	1.88	1.74	1.57	12BL6	2.30	1.22	1.13	1.02	12SA7	3.90	2.07	1.91	1.72	21EX6	5.55	2.94	2.72	2.45	68M8	3.05	1.62	1.49	1.34
7Q7	4.10	2.17	2.01	1.81	12BM6	3.05	1.62	1.49	1.34	12SA7GT	3.25	1.71	1.59	1.43	22O4E	2.85	1.51	1.40	1.26	83	3.50	1.85	1.71	1.55
7R7	5.15	2.72	2.52	2.26	12B06GA	4.45	2.35	2.18	1.96	12SC7	3.65	1.93	1.79	1.61	24A	4.55	2.41	2.23	2.01	84/6Z4	2.95	1.56	1.44	1.30
7S7	4.75	2.51	2.33	2.10	12B06GTA	4.45	2.35	2.18	1.96	12SF5	3.20	1.70	1.57	1.41	25AV5GA	4.10	2.17	2.01	1.81	85	4.35	2.30	2.13	1.92
7V7	4.65	2.46	2.27	2.04	12B06GTB/					12SF5GT	3.20	1.70	1.57	1.41	25AX4GT	2.90	1.54	1.42	1.28	ECC85/				
7W7	4.75	2.51	2.33	2.10	12CU6	4.45	2.35	2.18	1.96	12SF7	4.35	2.30	2.13	1.92	25BK5	3.65	1.93	1.79	1.61	6A08	2.60	1.37	1.27	1.14
7X6	3.30	1.74	1.62	1.46	12BR7	2.75	1.45	1.35	1.21	12SG6	4.20	2.22	2.06	1.85	25B06GA	4.60	2.43	2.25	2.03	HCC85/				
7X7	5.85	3.10	2.87	2.58	12BV7	3.05	1.62	1.49	1.34	12SH7	3.65	1.93	1.79	1.61	25B06GT	4.60	2.							

TUBE TYPE	NET EACH IN LOTS OF			
	1-4	5-18	19-49	50-99
0A2	1.46	1.25	1.17	1.04
0A2WA	3.65	3.12	2.92	2.58
0A3	1.54	1.33	1.24	1.10
0A4G	1.86	1.62	1.50	1.33
0A5	6.96			
0B2	1.44	1.24	1.16	1.03
0B2WA	3.00	2.58	2.40	2.12
0C2	1.50	1.28	1.20	1.06
0C3	1.50	1.30	1.21	1.07
0D3	1.44	1.24	1.16	1.03
1A04	2.80	2.66	2.35	
1A65	2.05	1.93	1.70	
1A44	1.35	1.27	1.11	
1A15	1.55	1.47	1.29	
1B85	8.50	8.08	7.65	6.00
1C21	4.15	3.54	3.31	2.93
1021/SNA	7.10	6.62	5.84	
1EP1	20.50	17.90	15.75	
1L4	1.37	1.19	1.11	.98
1P21	54.50	47.60	41.90	
1P22	14.75	12.90	11.35	
1P26	27.30	24.00	21.00	
1P29	4.65	4.00	3.74	3.25
1P37	3.75	3.22	3.00	2.60
1P39	2.15	1.86	1.73	1.50
1P40	3.60	3.08	2.88	2.50
1P41	3.80	3.28	3.07	2.65
1P42	13.75	11.90	11.10	9.60
2AP1A	15.75	13.75	12.10	
2BP1	19.05	16.65	14.65	
2BP11	20.60	18.00	15.85	
2C39A	22.50	20.70	18.25	
2C40	27.50	25.70	22.70	
2C43	24.55	23.00	20.25	
2021	1.29	1.12	1.04	.92
2021W	2.70	2.31	2.15	1.90
2E24	5.25	4.78	4.47	3.70
2E26	3.85	3.64	3.40	2.80
2E32	3.35	3.19	2.81	
2E36	5.81	5.53	4.88	
2G21	7.39	7.04	6.21	
RK2K25	27.25	25.07		
2K26	53.00	49.25		
2X2A	2.90	2.58	2.41	2.00
3A4	1.25	1.04	.97	.86
3A5	1.78	1.55	1.44	1.27
3AP1A	24.15	19.20	16.90	
3B4	2.75	2.60	2.29	
3B24W	10.55	9.87	9.30	
3B25	7.75	7.00	6.54	5.40
3B28	6.00	5.44	5.08	4.20
3BP1A	16.25	14.20	12.50	
3C23	11.98	11.20	9.90	
3D22A	21.25	18.59	16.35	
3E29	19.00	16.55	14.60	
3KP1	19.50	17.00	15.00	
3KP4	19.90	17.40	15.30	
3RP1	14.25	12.40	10.95	
3X2500A3	198.00	185.62	174.70	
3X2500F3	198.00	185.62	174.70	
4-65A	25.00	23.40	22.00	
4-125A/				
4021	36.00	33.80	31.80	
4-250A/				
5D22	46.50	42.00	39.30	
4-1000A	132.00	124.00		
RK4D32	32.76	31.20	27.53	
4E27/8001	40.00	38.40	33.80	
4E7A/				
5-125B	40.00	37.50	35.30	
4X150A	33.15	29.00	25.50	
4X250B	42.50	39.83	37.49	
4X500A	121.00	113.00		
5ABP1	29.70	26.00	22.85	
5BP1A	23.30	20.35	17.90	
5CP1A	21.45	18.80	16.50	
5CP7A	28.60	25.00	22.00	
5FP4A	24.35	21.25	18.70	
5R4GY	2.03	1.76	1.64	1.45
5R4GYA	2.05	1.76	1.68	1.45
5UP1	13.58	11.89	10.95	
5UP7	22.90	20.00	17.60	
6AC7W	4.20	3.62	3.37	2.99
6AJ5	3.85	2.82	2.64	2.75
6AK6	1.40	1.22	1.13	1.00
6AN5	3.75	3.57	3.14	
6ANSWA	10.80	10.27	9.05	
6AS6	3.43	2.97	2.77	2.45
6AS7G	4.93	4.27	3.98	3.52
6AU6WA	2.90	2.48	2.31	2.04
6BF7W	4.20	3.87	3.50	
6C4W	8.30	7.91	6.98	
604	2.85	2.33	2.17	2.00
6F4	7.00	6.05	5.65	4.99
6J4	4.19	3.61	3.37	2.99
6X4W	1.60	1.52	1.34	
10SP4	71.50	55.00		
12A6	2.30	1.99	1.85	1.64
12AT7WA	3.05	2.62	2.44	2.16
FG27A	52.00	46.50	44.00	
2807	2.55	2.40	2.11	

SPECIAL PURPOSE TUBES

RCA-GE-RAYTHEON-SYLVANIA
CBS-WESTINGHOUSE



All tubes on this page will be supplied from brand new factory boxed stock of one of the famous brands listed above. WHEN ORDERING PLEASE SPECIFY LETTERS TT- BEFORE TYPE NO., THUS TT-0A2.

TUBE TYPE	NET EACH IN LOTS OF			
	1-4	5-18	19-49	50-99
KT61	3.75	3.20	2.93	2.70
KT61MP	8.50	7.65		
RK61	4.20	3.97	3.50	
KT-66	3.50	3.00	2.68	2.41
KT-66MP	8.75	7.88		
KT-88	4.95	4.26	3.87	3.47
KT88MP	11.65	10.49		
83	1.72	1.49	1.39	1.23
100TH	26.00	25.00	23.52	
172	82.35	77.00		
250TH	33.00	30.93	29.11	
5A309	20.00	18.66	16.47	
393A	13.25	12.37	10.91	
502A	2.03	1.72		
CK-510AX	3.20	3.03	2.67	
CK-512AX	2.77	2.64	2.32	
CK-526AX	4.59	4.37	3.86	
CK-533AX	2.94	2.80	2.47	
CK534AX	3.01	2.87	2.53	
575A	20.15	17.60	15.50	
579B	20.50	17.90	16.00	
629	16.50	14.40	13.50	
672A	39.85	35.00	30.40	
673	20.15	17.60	15.50	
677	58.00	55.50		
Z-729	2.95	2.80	2.50	2.23
801A	10.90	9.85	9.20	7.60
802	10.90	9.77	9.03	7.60
805	20.10	17.55	15.45	
807	3.00	2.71	2.53	2.10
809	7.40	6.65	6.20	5.15
810	25.65	22.40	19.70	
811A	6.90	6.21	5.80	4.80
812A	6.90	6.21	5.60	4.80
813	21.10	18.40	16.20	
814	23.60	20.60	18.15	
815	23.60	20.60	18.15	
816	2.95	2.64	2.47	2.05
828	27.60	24.10	21.20	
829B	19.00	16.60	14.60	
832A	15.90	13.90	12.20	
833A	47.90	43.50	38.30	
836	10.15	9.23	8.60	7.10
837	8.65	7.86	7.34	6.05
845	20.80	18.20	16.00	
857B	240.00	215.00		
866A	2.90	2.57	2.40	2.00
868	3.75	3.22	3.00	2.60
872A	10.65	9.65	9.00	7.45
884	2.28	1.97	1.84	1.63
885	2.00	1.87	1.65	
892	290.00	254.00		
892R	455.00	405.00		
902A	17.95	15.70	13.80	
917	5.50	4.79	4.47	3.85
918	4.30	3.72	3.47	3.00
919	5.50	4.79	4.47	3.85
920	6.40	5.51	5.14	4.45
921	3.45	2.93	2.74	2.40
922	3.00	2.58	2.40	2.10
923	3.30	2.86	2.67	2.30
925	3.65	3.14	2.94	2.55
926	3.75	3.22	3.00	2.60
927	3.75	3.22	3.00	2.60
929	2.00	1.73	1.60	1.40
930	3.00	2.58	2.40	2.10
931A	11.00	9.56	8.94	7.70
934	4.15	3.57	3.33	2.90
935	10.80	9.35	8.75	7.55
954	8.25	7.85	6.93	
955	4.95	4.70	4.14	
956	8.75	8.30	7.34	
958A	9.75	9.26	8.18	
959	10.50	10.00	8.83	
991	.87	.80	.75	.62
CK-1006	6.03	5.75	5.07	
CK-1020	11.86	11.29	9.96	
CK-1021	11.86	11.29	9.96	
CK-1026	3.50	3.33	2.94	
CK-1038	8.30	7.91	6.98	
1229	6.40	5.60	4.94	
1280	1.50	1.37	1.29	
1612	4.15	3.46	3.23	2.86
1614	3.77	3.26	3.04	2.69
1616	12.60	11.42	10.65	8.80
1620	6.99	6.24	5.83	4.99

TUBE TYPE	NET EACH IN LOTS OF			
	1-4	5-18	19-49	50-99
1621	2.60	2.24	2.10	1.85
1622	3.45	2.95	2.75	2.43
1624	5.75	5.15	4.80	4.00
1625	4.30	3.86	3.60	3.00
1626	2.20	1.90	1.77	1.57
1629	1.90	1.62	1.51	1.33
1635	2.60	2.26	2.11	1.86
1672/441W	4.50	4.05	3.42	
1850A	790.00	745.00		
1946	13.65	12.35	11.50	9.55
1949	13.95	12.65	11.80	9.75
2020	85.00	66.00		
2022	3.50	3.00	2.80	2.45
2050	2.37	2.04	1.91	1.69
2516	7.95	7.42	6.55	
CK-5517	3.80	3.59	3.16	
5544	32.50	30.62	28.02	
5550	49.00	46.50		
5551A	65.00	61.30		
5556	27.60	25.93	22.88	
5557	9.50	8.85	7.85	
5558	17.50	16.35	14.40	
5559	23.00	21.60	20.25	
5560	33.00	30.80	27.20	
5581	3.40	2.93	2.74	2.35
5582	5.50	4.76	4.45	3.85
5583	4.90	4.22	3.94	3.40
5636	7.80	6.75	6.30	5.57
5639	6.55	5.67	5.29	4.68
5643	9.05	8.60	7.58	
5651	2.11	1.86	1.72	1.51
CK5651WA	4.10	3.61	3.37	2.91
5654	3.05	2.62	2.44	2.16
5654A/6AK52	3.05	2.62	2.44	2.16
5663	2.10	1.81	1.69	1.50
5668	330.00	312.50	275.00	
5670	3.70	3.18	2.98	2.63
5670WA	3.95	3.40	3.17	2.81
CK5672	2.27	2.16	1.90	
5675	14.50	12.55	11.70	10.36
CK-5676	3.05	2.87	2.53	
CK-5678	2.27	2.16	1.90	
5679	1.35	1.21	1.07	
5686	3.37	3.21	2.84	
5687	4.25	4.00	3.53	
5690	14.10	12.18	11.35	10.06
5691	8.75	7.55	7.05	6.23
5692	8.25	7.12	6.64	5.88
5693	6.60	5.70	5.31	4.70
5696	2.10	1.82	1.70	1.50
CK-5702	4.20	3.97	3.50	
CK-5702WA	8.25	7.83	6.90	
CK-5703	2.65	2.52	2.21	
CK-5703WA	7.50	7.12	6.28	
CK-5704	3.51	3.35		

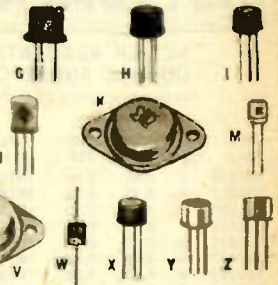
LAFAYETTE-SEMICONDUCTOR HEADQUARTERS

Complete Current Stock — OEM Prices — Immediate Shipment

TEXAS



INSTRUMENTS



GERMANIUM TRANSISTORS

Mfg. Type	Case Type	COMPUTER-MESA		Mfg. Type	Case Type	TYPE	
		Net Each	1-99 100-999			Net Each	1-99 100-999
2N705	U	16.00	10.00	2N711	U	2.90	1.95
2N710	U	13.35	8.35	2N1385	S	26.40	16.50
TV-RF AND MIXER							
2N1398	DD	11.20	7.00	2N1401	DD	5.10	3.16
2N1399	DD	8.80	5.50	2N1401A	DD	7.00	4.40
2N1400	DD	5.10	3.16	2N1402	DD	4.70	2.92

GENERAL PURPOSE

Mfg. Type	Case Type	Net Each	1-99 100-999	Mfg. Type	Case Type	Net Each	1-99 100-999
2N368	A	1.70	1.05	2N1376	Z	1.68	1.05
2N369	A	1.90	1.20	2N1377	Z	2.21	1.38
2N1372	Z	1.04	.65	2N1378	Z	1.68	1.05
2N1373	Z	1.76	1.10	2N1379	Z	1.86	1.16
2N1374	Z	1.33	.83	2N1380	Z	.88	.55
2N1375	Z	2.02	1.26	2N1381	Z	.93	.58

VERY HIGH FREQUENCY

2N1141	S	133.60	83.50	2N1143	S	12.00	7.50
2N1142	S	20.00	12.50	2N1195	S	38.10	23.90

AUDIO OUTPUT

2N185	A	.80	.50	2N1370	Z	.78	.49
2N238	A	.76	.48	2N1370	Z	.80	.50
2N1273	Z	.76	.48	2N1371	Z	1.50	.94

COMPUTER

2N395	Y	2.15	1.50	2N1305	Y	2.00	1.40
2N396	Y	2.10	—	2N1306*	Y	3.20	2.20
2N397	Y	5.20	3.60	2N1307	Y	3.20	2.20
2N1302	Y	1.60	1.10	2N1308	Y	4.80	3.30
2N1303	Y	1.60	1.10	2N1309	Y	4.80	3.30
2N1304	Y	2.00	1.40				

POWER

2N250	K	2.95	1.85	2N1021	K	13.20	8.25
2N251	K	4.00	2.50	2N1022	K	19.20	12.00
2N291	—	1.73	1.08	2N1038	T	2.85	1.90
2N456A	K	3.50	2.20	2N1039	T	3.75	2.50
2N457A	K	5.60	3.50	2N1040	T	12.00	7.50
2N458A	K	7.10	4.45	2N1041	T	16.80	10.50
2N511	V	4.80	3.00	2N1042	B	5.60	3.50

2N511A	V	5.60	3.50	2N1043	B	9.60	6.00
2N511B	V	11.20	7.00	2N1044	B	14.40	9.00
2N512	V	6.40	4.00	2N1045	B	19.20	12.00
2N512A	V	8.80	5.50	2N1046	K	10.00	6.70
2N512B	V	16.00	10.00	2N1046A	K	18.35	12.25
2N513	V	13.60	8.50	2N1046B	K	25.00	16.70
2N513A	V	19.20	12.00				

2N513B	V	32.00	20.00	2N1382	Z	1.17	.73
2N514	V	16.00	10.00	2N1383	Z	1.09	.68
2N514A	V	24.00	15.00	2N1690	F	28.10	18.70
2N514B	V	40.00	25.00	2N1691	F	40.80	27.20

RF, CONVERTER, OSC.

2N1107	A	2.61	1.63	2N1111	A	2.08	1.30
2N1108	A	2.08	1.30	2N1111A	A	2.08	1.30
2N1109	A	1.82	1.14	2N1111B	A	2.08	1.30
2N1110	A	2.08	1.30				

SILICON TRANSISTORS

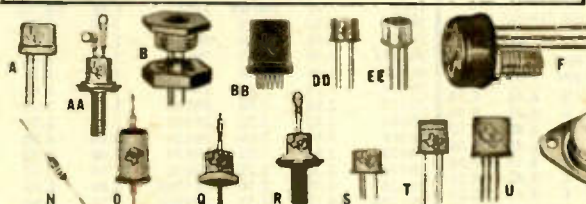
SMALL SIGNAL

Mfg. Type	Case Type	Net Each	1-99 100-999	Mfg. Type	Case Type	Net Each	1-99 100-999
2N117	C	9.60	6.40	2N1149	A	9.60	6.40
USN2N117	C	9.90	6.60	2N1150	A	9.60	6.40
2N118	C	9.60	6.40	2N1151	A	9.60	6.40
JAN2N118	C	11.50	7.65	2N1152	A	12.60	8.40
2N118A	C	9.60	6.40	2N1153	A	14.85	9.90
2N119	C	13.00	8.65	2N1564	EE	14.30	9.95
USN2N119	C	13.40	8.85	2N1565	EE	20.85	13.90
2N120	C	14.85	9.90	2N1566	EE	23.50	15.65
2N332	I	8.70	5.80	2N1586	A	6.60	4.40

USN2N332	I	9.00	6.00	2N1587	A	7.60	5.05
2N333	I	8.70	5.80	2N1588	A	8.55	5.70
USN2N333	I	9.00	6.00	2N1589	A	7.40	4.95
2N334	I	8.70	5.80	2N1590	A	8.60	5.75
USN2N334	I	9.00	6.00	2N1591	A	9.75	6.50
2N335	I	11.20	7.45	2N1592	A	8.25	5.50
USN2N335	I	11.50	7.65	2N1593	A	9.65	6.45
2N336	I	13.65	9.10	2N1594	A	10.95	7.30

SWITCHING AND HIGH FREQUENCY

2N263	—	17.85	11.90	2N706	U	15.00	10.00
2N337	I	11.85	7.90	2N706A	U	15.70	10.45
USN2N337	I	12.15	8.10	2N715	U	34.65	23.10
2N338	I	13.80	9.20	2N716	U	43.10	28.70
USN2N338	I	14.10	9.40	2N753	—	18.50	12.35
2N702	U	14.40	9.60	3N34	H	22.45	14.95
2N703	U	17.85	11.90	3N35	H	31.50	21.00



SILICON TRANSISTORS

Mfg. Type	Case Type	MEDIUM POWER		Mfg. Type	Case Type	POWER	
		Net Each	1-99 100-999			Net Each	1-99 100-999
2N243	A	15.10	10.05	2N656	I	21.55	14.35
2N244	A	22.45	14.95	2N657	I	27.40	18.25
2N339	J	11.80	7.85	2N696	I	19.75	13.20
2N340	J	12.55	8.35	2N697	I	22.65	15.10
2N341	J	19.20	12.80	2N730	U	22.65	15.10
2N342	J	13.00	8.65	2N731	U	23.60	15.75
				2N1154	A	14.05	9.35
2N342A	J	13.85	9.25	2N1155	A	14.60	9.75
2N342B	J	19.50	13.00	2N1156	A	19.60	13.05
2N343	J	21.40	14.25	2N1252	—	24.05	16.05
2N343B	J	26.05	17.35	2N1253	—	26.30	17.55
2N497	I	19.30	12.85	2N1507	—	34.00	22.70
2N498	I	26.65	17.75				

GENERAL PURPOSE MESA

2N734	—	15.25	10.15	2N736	—	24.40	16.25
2N735	—	21.80	14.50				

Mfg. Type	Case Type	POWER		Mfg. Type	Case Type	POWER	
		Net Each	1-99 100-999			Net Each	1-99 100-999
2N122	—	60.00	40.00	2N1048A	F	39.30	26.20
2N389	O	59.60	39.75	2N1049	F	34.60	23.05
2N424	O	44.25	29.50	2N1049A	F	34.60	23.05
2N1047	F	26.65	17.75	2N1050	F	48.15	32.10
2N1047A	F	26.65	17.75	2N1050A	F	48.15	32.10
2N1048	F	39.30	26.20				

Mfg. Type	Case Type	NET EACH		Mfg. Type	Case Type	NET EACH	
		1-99	100-999			1-99	100-999
1N650	U	27.30	21.00	1N652	U	18.20	14.10
1N651	U	39.00	30.00	1N653	U	11.70	9.00

Mfg. Type	Case Type	NET EACH		Mfg. Type	Case Type	NET EACH	
		1-99	100-999			1-99	100-999
1N625	N	1.45	1.18	1N660	N	2.63	2.22
1N626	N	1.75	1.42	1N661	N	3.13	2.57
1N627	N	2.15	1.75	1N662	N	2.35	1.85
1N628	N	2.40	1.95	1N663	N	3.95	3.22
1N629	N	2.65	2.15	1N914	N	4.50	3.37
1N643	N	3.95	3.22	1N916	N	6.50	4.86
1N659	N	2.53	2.06				

Mfg. Type	Case Type	NET EACH		Mfg. Type	Case Type	NET EACH	
		1-99	100-999			1-99	100-999
1N645	N	3.20	2.12	AF1N647	N	5.70	4.00
1N645A	N	3.63	2.66	1N648	N	6.19	4.12
AF1N645N	N	3.58	2.50	AF1N648N	N	6.89	4.82
1N646	N	4.08	2.72	1N649	N	7.20	4.80
AF1N646N	N	4.57	3.21	AF1N649N	N	7.95	5.55
1N647	N	5.10	3.40				

Mfg. Type	Case Type	NET EACH		Mfg. Type	Case Type	NET EACH	
		1-99	100-999			1-99	100-999
2N1595	X	7.65	5.10	2N1602	AA	16.70	11.10
2N1596	X	10.65	7.10	2N1603	AA	52.50	35.00
2N1597	X	15.00	10.00	2N1604	AA	75.00	50.00
2N1598	X	44.00	29.20	T1-010	X	10.65	7.10
2N1599	X	65.00	43.50	T1-025	X	12.25	8.25
2N1600	AA	9.15	6.10	T1-050	X	14.00	9.40
2N1601	AA	12.50	8.35				

HIGH CONDUCTANCE — GENERAL PURPOSE SILICON DIODES

Mfg. Type	Case Type	NET EACH		Mfg. Type	Case Type	NET EACH	
		1-99	100-999			1-99	100-999
1N746	N						



POWER REGULATORS AND DOUBLE ANODE CLIPPERS

*Refer to previous page for case types.

Mfg. Case*		NET EACH		Mfg. Case*		NET EACH	
Type	Type	1-99	100-999	Type	Type	1-99	100-999
1N1816	R	8.45	6.50	1N1831	R	8.45	6.50
1N1817	R	8.45	6.50	1N1832	R	8.45	6.50
1N1820	R	8.45	6.50	1N1834	R	8.45	6.50
1N1819	R	8.45	6.50	1N1833	R	8.45	6.50
1N1821	R	8.45	6.50	1N1835	R	8.45	6.50
1N1822	R	8.45	6.50	1N1836	R	8.45	6.50
1N1823	R	8.45	6.50	1N2008	R	8.45	6.50
1N1824	R	8.45	6.50	1N2009	R	8.45	6.50
1N1825	R	8.45	6.50	1N2010	R	8.45	6.50
1N1826	R	8.45	6.50	1N2011	R	8.45	6.50
1N1827	R	8.45	6.50	1N2012	R	8.45	6.50
1N1828	R	8.45	6.50	1N2498	R	8.45	6.50
1N1829	R	8.45	6.50	1N2499	R	8.45	6.50
1N1830	R	8.45	6.50	1N2500	R	8.45	6.50

Mfg. Type	NET EACH	1-99	100-999
1N1816R thru 1N1836R	8.45	6.50	
1N1816A thru 1N1836A	11.00	8.50	
USN1N1816A thru USN1N1836A	12.50	10.00	
1N1816RA thru 1N1836RA	11.00	8.50	
USN1N1816RA thru USN1N1836RA	12.50	10.00	
1N1816C thru 1N1836C	13.00	10.00	
1N2008R thru 1N2012R	8.45	6.50	
1N2008A thru 1N2012A	11.00	8.50	
1N2008RA thru 1N2012RA	11.00	8.50	
1N2008C thru 1N2012C	13.00	10.00	
1N2498R thru 1N2500R	8.45	6.50	
1N2498A thru 1N2500A	11.00	8.50	
1N2498RA thru 1N2500RA	11.00	8.50	
1N2498C thru 1N2500C	13.00	10.00	

*"A" suffix denotes $\pm 5\%$ tolerance
 *"R" denotes reverse polarity
 *"C" denotes double anode clipper

MOUNTING CLAMPS FOR SILICON TRANSISTORS

Type	NET EACH	1-99	100-999
70318-1	.15	.05	
354001-99	.15	.05	
354001-100	.15	.05	

STABISTORS

*Refer to previous page for case types.

Mfg. Case*	NET EACH	1-99	100-999
Type	Type		
G129	N	1.30	.85
G130	N	1.30	.85

MODEL 530A SERIES TUNNEL DIODE CURVE TRACER

- SIMPLE TO USE
- TEST EVERY TUNNEL
- DIODE ON THE MARKET TODAY



The Model 530A Series Tunnel Diode Curve Tracer allows the study of the forward characteristics of the full range of TI tunnel diodes currently manufactured. It allows, through the use of plug-in changeable jigs, for the study of other manufacturers' tunnel diodes which utilize different package configurations. This is the only curve tracer available that can test the curve characteristics of every tunnel diode now on the market. When connected to any sensitive oscilloscope, the current and voltage wave forms are created on the scope face. By the use of this instrument alone, eight of the ten principal parameters of tunnel diodes can be measured directly on the oscilloscope. This new test instrument provides high sensitivity (5mv/ma) and versatility. It allows display, on the oscilloscope screen, of the complete negative resistance regions. Can be effectively used in production operations. Size 2 1/2 high x 7 1/2 wide x 10" deep. Shpg. wt. 5 lbs.
 TE-675WX Model 530A 5.00 Down Net 165.00

MODEL 530 B WITH CALIBRATED PRECISION POTENTIOMETER

Provides all the functions of the 530A above, but has a built-in calibrated precision potentiometer. This addition eliminates the need for expensive auxiliary equipment. Enables reading of negative resistance from 1 to 1000 ohms. Size 2 1/2 Hx7 Wx10" D. Shpg. wt. 5 lbs.
 TE-676WX Model 530B 5.00 Down Net 197.00

NPN HIGH FREQUENCY TRANSISTORS

Mfg. Type	Net	1-99	100-999	Mfg. Type	Net	1-99	100-999
2N312	6.08	4.05	2N440A	7.50	5.00		
2N356	4.26	2.84	2N444	2.25	1.50		
2N356A	4.88	3.25	2N445	3.00	2.00		
2N357	5.34	3.56	2N446	4.05	2.70		
2N358	7.29	4.86	2N447	5.40	3.60		
2N377	2.69	1.79	2N556	5.25	3.50		
2N385	3.45	2.30	2N558	5.25	3.50		
2N388	4.64	3.09	2N634	6.60	4.40		
2N438	2.93	1.95	2N635	9.00	6.00		
2N438A	3.38	2.25	2N636	10.50	7.00		
2N439	4.05	2.70	2N1000	9.00	6.00		
2N439A	4.73	3.15	2N1012	7.20	4.80		
2N440	5.78	3.85					

GENERAL PURPOSE DIODES

Type	NET EACH	1-99	100-999	Type	NET EACH	1-99	100-999
1N33/A	.42	.28	1N81/A(P)	.87	.57		
1N35	1.80	1.20	1N82(P)	.83	.55		
1N38/A/B	.90	.60	1N82/A(G)	2.04	1.36		
1N39A(P)	3.75	2.50	1N82/A(P)	1.15	.77		
1N48	.33	.22	1N90(G)	.45	.30		
1N51	.33	.22	1N116(G)	.75	.50		
1N52	.83	.55	1N126/A(G)	.51	.34		
1N54/A	.90	.60	1N127/A(G)	1.05	.70		
1N55/A	1.87	1.25	1N128(G)	.80	.53		
1N56/A	.80	.53	1N191(G)	.75	.50		
1N58/A	.90	.60	1N192(G)	.62	.41		
1N60	.50	.33	1N196(G)	1.28	.85		
1N63	1.27	.85	1N290(G)	1.65	1.10		
1N64	.50	.33	1N294(G)	.60	.40		
1N65	.53	.35	1N295(G)	.40	.27		
1N67/A(G)	.84	.56	1N54(G)	.40	.27		
1N68/A(G)	1.20	.80	1N636(G)	.53	.35		
1N69/A(P)	.48	.32	LO-47(G)	.40	.27		
1N70/A(P)	.71	.47	LO-145(G)	.40	.27		
1N75(G)	.90	.60					

Suffix P—Plastic Case; G—Glass Case.

COMPUTOR DIODES

Type	NET EACH	1-99	100-999	Type	NET EACH	1-99	100-999
1N95	.60	.40	1N289	1.35	.90		
1N96	.68	.45	1N298	.98	.65		
1N97	1.02	.68	1N447	1.10	.73		
1N98	1.08	.72	1N497	.75	.50		
1N99	1.20	.80	1N498	.98	.65		
1N100	1.46	.97	1N499	1.28	.85		
1N107	1.35	.90	1N500	1.50	1.00		
1N108	1.20	.80	1N631	1.28	.85		
1N117	.75	.80	1N634	1.13	.75		
1N118	.90	.60	1N699	2.03	1.35		
1N273	1.43	.95	1N770	1.95	1.30		
1N276	1.88	1.25	LD-70	1.20	.80		
1N278	2.25	1.50	LD-71	1.13	.75		
1N279	.90	.60	LD-123	.53	.35		
1N281	.83	.55	LD-125	.45	.30		
1N283	1.37	.91	LD-141	.68	.45		
1N287	.80	.53	LD-143	.63	.42		
1N288	.95	.63					

DIFFUSED SILICON DIODES

Mfg. Type	Net Each	1-99	100-999	Mfg. Type	Net Each	1-99	100-999
1N482	1.71	1.19	1N626	2.15	1.43		
1N483	2.55	1.70	1N627	2.63	1.75		
1N484	2.97	1.98	1N628	2.93	1.95		
1N485	3.11	2.07	1N629	3.23	2.15		
1N625	1.77	1.18					

TEXAS INSTRUMENTS SILICON RECTIFIERS-ECONOMY

Type	CASE*	NET EACH	1-99	50-99	100-999
1N2069	W	1.10	.95	.75	
1N2070	W	1.35	1.15	.90	
1N2071	W	1.70	1.45	1.10	

PHOTO DEVICE

Type	NET EACH	1-99	100-999
1N2175	11.50	8.00	

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PNP INDUSTRIAL POWER TRANSISTORS

Mfg. Type	NET EACH	1-99	100-999	Mfg. Type	NET EACH	1-99	100-999
2N101	7.50	5.00	2N1320	4.13	2.75		
2N143	10.50	7.00	2N1322	6.75	4.50		
2N155	2.78	1.85	2N1324	9.00	6.00		
2N156	3.75	2.50	2N1326	10.50	7.00		
2N157	5.25	3.50	2N1328	4.13	2.75		
2N157A	9.00	6.00	2N1331	9.00	6.00		
2N158	5.25	3.50	2N1333	10.50	7.00		
2N158JAN	6.00	4.00	2N1433	11.07	7.38		
2N158A	6.75	4.50	2N1434	12.75	8.50		
2N173	6.37	4.25	2N1435	12.38	8.25		
2N174	8.67	5.75	2N1437	9.00	6.00		
2N235A	2.78	1.85	2N1438	9.00	6.00		
2N235B	3.08	2.05	2N1453	4.13	2.75		
2N236A	3.15	2.10	2N1454	4.85	3.25		
2N236B	3.75	2.50	2N1455	5.25	3.50		
2N242	2.78	1.85	2N1456	6.75	4.50		
2N257	2.95	1.95	2N1457	7.50	5.00		
2N277	3.75	2.50	2N1458	13.50	9.00		
2N278	5.25	3.50	2N1461	4.13	2.75		
2N285A	3.68	2.45	2N1462	4.83	3.25		
2N297A	4.65	3.10	2N1463	4.85	3.25		
2N301	2.73	1.82	2N1464	6.75	4.50		
2N310A	4.83	3.00	2N1465	12.00	8.00		
2N399	3.23	2.15	2N1466	12.00	8.00		
2N441	3.37	2.25	2N1504	8.25	5.50		
2N442	4.87	3.25	LT-5026	4.50	3.00		
2N443	6.00	4.00	LT-5027	4.50	3.00		
2N1078	9.38	6.25	LT-5028	4.50	3.00		
2N1100	22.15	15.00	LT-5032	7.50	5.00		
2N1291	4.13	2.75	LT-5033	7.50	5.00		
2N1293	6.75	4.50	LT-5034	7.50	5.00		
2N1295	9.00	6.00	LT-5045	12.00	8.00		
2N1297	10.50	7.00	LT-5103	6.75	4.50		
			LT-5153	5.25	3.50		

NPN POWER TRANSISTORS

Mfg. Type	NET EACH	1-99	100-999	Mfg. Type	NET EACH	1-99	100-999
2N102	7.50	5.00	2N1321	13.50	9.00		
2N144	10.50	7.00	2N1323	18.00	12.00		
2N326	14.10	9.40	2N1325	25.50	17.00		
2N1292	13.50	9.00	2N1327	33.00	22.00		
2N1294	18.00	12.00	2N1329	10.50	7.00		
2N1296	25.50	17.00	2N1330	13.50	9.00		
2N1298	33.00	22.00	2N1332	18.00	12.00		
			2N1334	25.50	17.00		

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GENERAL ELECTRIC

SEMICONDUCTOR PRODUCTS



SILICON DIODES AND RECTIFIERS

Mfg. Type	NET EACH		Mfg. Type	NET EACH	
	1-99	100-999		1-99	100-999
1N248	5.25	3.50	1N607	1.80	1.20
1N248A	6.60	4.40	1N607A	2.10	1.40
1N248R	5.25	3.50	1N608	2.00	1.35
1N248RA	6.60	4.40	1N608A	2.25	1.50
1N249	6.90	4.60	1N609	2.20	1.45
1N249A	8.10	5.40	1N609A	2.30	1.55
1N249B(SigC)	11.40	7.60	1N610	2.40	1.60
1N249R	6.90	4.60	1N610A	2.85	1.90
1N249RA	8.10	5.40	1N611	2.85	1.90
1N250	9.00	6.00	1N611A	3.60	2.40
1N250A	10.35	6.90	1N612	3.80	2.55
1N250B(SigC)	13.90	9.25	1N612A	4.15	2.75
1N250R	9.00	6.00	1N613	4.50	3.00
1N250RA	10.35	6.90	1N613A	4.95	3.30
1N253	2.10	1.40	1N614	6.30	4.20
JAN1N253	2.80	1.85	1N614A	8.75	4.50
1N254	2.40	1.60	1N645	3.15	2.10
JAN1N254	3.15	2.09	1N646	4.05	2.70
1N255	4.95	3.30	1N647	5.10	3.40
JAN1N255	5.55	3.70	1N648	6.15	4.10
1N256	5.65	3.75	1N649	7.20	4.80
JAN1N256	6.70	4.47	1N676	1.80	1.20
1N332	4.95	3.30	1N677	2.25	1.50
1N333	4.95	3.30	1N678	2.65	1.75
1N334	3.70	2.45	1N679	3.10	2.05
1N335	3.70	2.45	1N681	3.90	2.60
1N336	2.40	1.60	1N682	4.35	2.90
1N337	2.40	1.60	1N683	5.25	3.50
1N339	1.95	1.30	1N684	5.70	3.80
1N340	1.95	1.30	1N685	6.45	4.30
1N341	4.75	3.15	1N686	7.05	4.70
1N342	4.75	3.15	1N687	7.75	5.15
1N343	3.40	2.25	1N689	8.35	5.55
1N344	3.40	2.25	1N1095	2.60	1.75
1N345	2.25	1.50	1N1096	3.25	2.25
1N346	2.25	1.50	1N1100	1.05	.70
1N348	1.80	1.20	1N1101	1.35	.88
1N349	1.80	1.20	1N1102	1.75	1.15
1N400	1.90	1.25	1N1103	2.65	1.75
1N400B	1.90	1.25	1N1115	2.10	1.40
1N441	2.25	1.50	1N1116	2.40	1.60
1N441B	2.25	1.50	1N1117	2.85	1.90
1N442	2.70	1.80	1N1118	4.95	3.30
1N442B	2.70	1.80	1N1119	4.95	3.30
1N443	3.00	2.00	1N1120	5.65	3.75
1N443B	3.00	2.00	1N1199A	4.00	2.65
1N444	3.00	2.00	1N1199RA	4.00	2.65
1N444B	3.00	2.00	1N1200A	4.75	3.15
1N445	4.50	3.00	1N1200RA	4.75	3.15
1N445B	4.50	3.00	1N1201A	5.65	3.75
1N536	.85	.55	1N1201RA	5.65	3.75
1N537	1.05	.70	1N1202A	6.75	4.50
1N538	1.35	.88	1N1202RA	6.75	4.50
JAN1N538	2.00	1.33	1N1203A	9.70	6.45
USAF1N538	2.00	1.33	1N1203RA	9.70	6.45
1N539	1.75	1.15	1N1204A	13.50	9.00
1N540	2.65	1.75	1N1204RA	13.50	9.00
JAN1N540	3.28	2.19	1N1205A	18.75	12.50
USAF1N540	3.28	2.19	1N1205RA	18.75	12.50
1N547	3.60	2.40	1N1206A	26.25	17.50
JAN1N547	4.20	2.80	1N1206RA	26.25	17.50
USAF1N547	4.20	2.80	1N1341A	3.75	2.50
1N550	1.50	1.00	1N1341RA	3.75	2.50
1N551	1.65	1.10	1N1342A	4.45	2.95
1N552	1.95	1.30	1N1342RA	4.45	2.95
1N553	2.65	1.75	1N1343A	5.20	3.45
1N554	3.45	2.30	1N1343RA	5.20	3.45
1N555	4.80	3.25	1N1344A	6.00	4.00
1N560	6.00	4.00	1N1344RA	6.00	4.00
1N561	9.00	6.00	1N1345A	8.25	5.50
1N562	10.10	6.75	1N1345RA	8.25	5.50
1N563	12.75	8.50	1N1346A	11.10	7.40
1N599	.90	.60	1N1346RA	11.10	7.40
1N599A	1.50	1.00	1N1347A	14.70	9.80
1N600	1.05	.70	1N1347RA	14.70	9.80
1N600A	1.65	1.10	1N1348A	19.75	13.15
1N601	1.20	.80	1N1348RA	19.75	13.15
1N601A	1.90	1.25	1N1487	.75	.50
1N602	1.45	.95	1N1488	.90	.60
1N602A	2.00	1.35	1N1489	1.15	.75
1N603	1.90	1.25	1N1490	1.30	.85
1N603A	2.70	1.80	1N1491	1.30	.85
1N604	2.85	1.90	1N1492	2.50	1.65
1N604A	3.00	2.00	1N1692	.70	.45
1N605	3.00	2.00	1N1693	.85	.55
1N605A	3.15	2.10	1N1694	1.05	.70
1N606	4.05	2.70	1N1695	1.20	.80
1N606A	4.50	3.00	1N1696	1.20	.80

SILICON DIODES AND RECTIFIERS

Mfg. Type	NET EACH		Mfg. Type	NET EACH	
	1-99	100-999		1-99	100-999
1N1697	2.10	1.40	1N2159	21.70	14.45
1N2154	4.65	3.10	1N2159R	21.70	14.45
1N2154R	4.65	3.10	1N2160	30.00	20.00
1N2155	5.55	3.70	1N2160R	30.00	20.00
1N2155R	5.55	3.70	1N2847	2.85	1.90
1N2156	7.90	5.25	1N2848	3.30	2.20
1N2156R	7.90	5.25	1N2849	3.90	2.60
1N2157	11.35	7.55	1N2850	6.75	4.50
1N2157R	11.35	7.55	1N2851	6.75	4.50
1N2158	15.75	10.50	1N2852	7.75	5.15
1N2158R	15.75	10.50			

HIGH CURRENT SILICON RECTIFIER CELLS

Mfg. Type	NET EACH		Mfg. Type	NET EACH	
	1-9	100-999		1-9	100-999
4JA60A	21.50	15.00	4JA62A	15.00	10.00
4JA60B	29.75	19.75	4JA62B	19.75	13.15
4JA60C	39.75	26.50	4JA62C	26.50	17.65
4JA60D	53.00	35.00	4JA62D	41.50	27.65
4JA60F	15.00	11.50	4JA62F	11.50	7.75
4JA60G	25.75	17.50	4JA62G	17.50	11.65
4JA60H	34.75	23.25	4JA62H	23.25	15.50
4JA60J	46.25	31.00	4JA62J	31.00	20.65
4JA61A*	21.50	15.00	4JA63A*	15.00	10.00
4JA61B*	29.75	19.75	4JA63B*	19.75	13.15
4JA61C*	39.75	26.50	4JA63C*	26.50	17.65
4JA61D*	53.00	35.00	4JA63D*	41.50	27.65
4JA61F*	15.00	11.50	4JA63F*	11.50	7.75
4JA61G*	25.75	17.50	4JA63G*	17.50	11.65
4JA61H*	34.75	23.25	4JA63H*	23.25	15.50
4JA61J*	46.25	31.00	4JA63J*	31.00	20.65

GERMANIUM Tunnel Diodes

Mfg. Type	NET EACH		Mfg. Type	NET EACH	
	1-99	100-999		1-99	100-999
1N2939	9.15	6.10	1N2941	6.25	4.15
1N2940	7.50	5.00	1N2969	7.05	4.70
1N3114	13.50	10.00	1N3118	10.00	6.70
1N3115	27.00	20.00	1N3119	20.00	13.35
1N3116	12.50	8.35	1N3120	7.50	5.00
1N3117	25.10	16.35			

SILICON CONTROLLED RECTIFIERS

Mfg. Type	NET EACH		Mfg. Type	NET EACH	
	1-99	100-999		1-99	100-999
C10U	7.50	5.00	C11U	6.75	4.50
C10F	9.15	6.10	C11F	8.25	5.50
C10A	12.50	8.35	C11A	16.25	10.75
C10G	14.70	9.80	C11G	13.25	8.80
C10B	16.70	11.10	C11B	15.00	10.00
C10H	30.00	20.00	C11H	24.00	16.00
C10C	43.50	29.00	C11C	34.50	23.00
C10D	66.80	44.50	C11D	53.25	35.50

MEDIUM CURRENT

Mfg. Type	NET EACH		Mfg. Type	NET EACH	
	1-99	100-999		1-99	100-999
2N681 (C35U)	16.25	10.75	C35U	12.50	8.35
2N681*	20.00	13.35	C36F	13.25	8.80
2N682 (C35F)	17.50	11.65	C36A	16.25	10.75
2N682*	20.50	13.65	C36G	21.00	14.00
2N683 (C35A)	21.50	14.35	C36B	25.00	16.65
2N683*	27.25	18.15	C36C	31.00	20.65
2N684 (C35G)	28.00	18.65	C36C	41.50	27.65
2N684*	33.00	21.95	C36D	62.25	41.50
2N685 (C35B)	33.00	21.95	C36E	84.50	56.25
2N685*	40.00	26.65	C40U	17.50	11.65
2N686 (C35H)	41.50	27.65	C40F	19.00	12.65
2N686*	51.50	34.00	C40A	25.00	16.65
2N687 (C35C)	55.00	36.50	C40G	30.00	20.00
2N687*	66.50	44.25	C40B	36.50	24.35
2N688 (C35D)	83.00	55.25	C40H	65.50	43.75
2N688*	99.50	66.50	C40C	60.50	40.75
C35E	114.00	75.75			

NEW! HIGH CURRENT

Mfg. Type	NET EACH		Mfg. Type	NET EACH	
	1-99	100-999		1-99	100-999
C50U	41.50	27.65	C50B	124.00	82.75
C50F	58.00	38.75	C50H	174.00	116.25
C50A	74.50	49.75	C50C	207.00	138.25
C50G	104.00	69.25	C50D	290.00	193.25

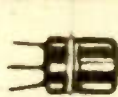
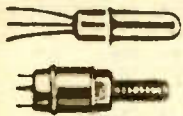
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GERMANIUM TRANSISTORS

Mfg. Type	NET EACH		Mfg. Type	NET EACH	
	1-99	100-999		1-99	100-999
2N43	4.15	2.75	2N413	.98	.65
2N43A	4.15	2.75	2N414	1.05	.70
2N44	2.95	1.95	2N448	1.24	.83
2N45	3.10	2.05	2N449	1.72	1.15
2N78	2.80	1.86	2N450	2.10	1.40
2N78A	3.10	2.10	2N461	2.78	1.85
2N107	1.00	—	2N508	1.87	1.24
2N123	3.65	2.45	2N518	6.00	4.00
USAF2N123	4.50	3.00	2N524	2.80	1.85
2N135	2.15	1.44	2N525	3.00	2.00
2N136	2.55	1.71	2N526	3.30	2.20
2N137	6.20	4.15	2N527	3.90	2.60
2N167	5.80	3.85	2N634	4.45	3.00
2N167A	6.25	4.15	2N634A	4.80	3.20
USAF2N167A	7.05	4.70	2N635	6.00	4.00
2N169	1.88	1.26	2N635A	6.40	4.25
2N169A	2.40	1.60	2N636	9.20	6

PHILCO TRANSISTORS- DIODES



TRANSISTORS

Mfr. Type	NET EACH		Mfr. Type	NET EACH	
	1-99	100-999		1-99	100-999
2N393	5.18	3.80	2N1122A	8.03	5.89
2N393(Sig. C)	5.63	4.13	2N1411	6.45	4.73
2N1122	6.53	4.79	2N1427	5.40	3.96

VHF-UHF MICRO ALLOY DIFFUSED BASE

2N499	3.98	2.92	2N588	1.43	1.05
2N499(Sig. C)	4.20	3.08	2N1158	7.20	5.28
2N501	7.35	5.39	2N1204	13.13	9.63
2N501A(Sig. C)	9.15	6.71	2N1494	13.88	10.18
2N502	3.75	2.75	2N1495	14.85	10.89
2N502A(Sig. C)	4.65	3.41	2N1496	15.60	11.44
2N503	2.85	2.09	2N1499	2.85	2.09
2N504	3.45	2.53	2N1500	7.35	5.39

HIGH-FREQUENCY SILICON SURFACE ALLOY

2N495(Sig. C)	13.20	9.68	2N1119	14.25	10.45
2N496(Sig. C)	14.25	10.45	2N1428	10.50	7.70
2N1118	13.20	9.68	2N1429	10.50	7.70
2N1118A	17.85	13.09			

HIGH FREQ. SILICON SURFACE ALLOY-DIFFUSED BASE

2N1119	11.03	8.53	2N1271	10.50	7.70
2N1267	8.70	6.38	2N1272	11.10	8.14
2N1268	9.00	6.60	2N1472	12.15	8.91
2N1269	9.60	7.04	2N1663	12.75	9.35
2N1270	9.75	7.15			

MEDIUM-POWER ALLOY JUNCTION

2N223	1.08	.80	2N1224	1.95	1.43
2N1416**	2.16	1.59	2N1125	2.85	2.09
2N224	1.10	.81	2N1128	1.43	1.05
2N225**	2.20	1.61	2N1129	1.65	1.21
2N226	1.02	.75	2N1130	1.43	1.05
2N227**	2.04	1.50			

** Indicates matched pair.

HIGH-FREQUENCY SURFACE BARRIER

2N128	6.30	4.62	2N240JAN	5.93	4.35
2N128JAN	6.68	4.90	2N344	3.45	2.53
2N232	1.05	.77	2N345	4.35	3.19
2N240	5.63	4.13	2N346	5.85	4.29

PULSE AMPLIFIER

2N670	3.38	2.48	2N673	4.13	3.03
2N671	4.13	3.03	2N674	4.88	3.58
2N672	3.38	2.48	2N675	5.78	4.24

MINIATURE LOW-LEVEL ALLOY JUNCTION

2N207	1.95	1.43	2N535	2.78	2.04
2N207A	2.10	1.54	2N535A	3.00	2.20
2N207B	2.25	1.65	2N535B	3.38	2.48
2N534	2.78	2.04	2N536	3.38	2.48

HIGH-POWER ALLOY JUNCTION

2N386	6.75	4.95	2N387	9.75	7.15
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MEDIUM FREQUENCY

2N597	3.30	2.42	2N601	7.05	5.17
2N598	3.45	2.53	2N1123	3.75	2.75
2N599	6.30	4.62	2N1478	1.88	1.38
2N600	3.90	2.88			

NEW ADDITIONS

T1657	1.86	1.37	T1693	2.25	1.65
T1690	1.32	1.28	T1694	2.93	2.15
T1691	.97	.94	T1695	2.79	2.05
T1692	1.23	.91	T1696	2.87	2.11

GERMANIUM TUNNEL DIODE

Mfr. Type	Valley Voltage (mv)	Peak Voltage (mv)	I _p /I _v	Net
T1925	320	55	5	5.00

PHILCO TYPE AO-1 TRANSISTOR

30 Mc.
SURFACE BARRIER TRANSISTOR
RF - OSCILLATOR - IF

AO-1 Net 1.25



MICROWAVE DIODES

Mfr. Type	NET EACH		Mfr. Type	NET EACH	
	1-99	100-999		1-99	100-999
1N26	7.50	6.00	1N26AR	13.90	11.10
1N26M	18.75	15.00	1N26AMR	27.75	22.20
1N26R	11.25	9.00	1N26B	27.80	22.20
1N26MR	22.50	18.00	1N26BM	69.50	55.50
1N26A	9.25	7.40	1N26BR	41.70	33.30
1N26AM	23.10	18.50	1N26BMR	83.40	66.60

SILICON KU-BAND MIXERS

1N78	8.00	6.40	1N78BR	25.50	20.40
1N78M	20.00	16.00	1N78BMR	51.00	40.80
1N78R	12.00	9.60	1N78C	50.00	40.00
1N78MR	24.00	19.20	1N78CM	125.00	100.00
1N78A	11.25	9.00	1N78CR	75.00	60.00
1N78AM	28.10	22.50	1N78CMR	150.00	120.00
1N78AR	16.85	13.50	1N78D	60.00	48.00
1N78AMR	33.75	29.50	1N78DM	150.00	120.00
1N78B	17.00	13.60	1N78DR	90.00	72.00
1N78BM	42.50	34.00	1N78DMR	180.00	144.00

GERMANIUM DOPPLER MIXER

1N1838	45.00	37.50	1N1838M	100.00	83.75
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MILLIMETER AND K-BAND MIXERS

1N2792	250.00	208.75	1N3096RM	187.50	146.50
1N3096R	75.00	58.60			

GERMANIUM X-BAND MIXER

1N263	12.50	9.19	1N263(MIL)	28.88	21.18
-------	-------	------	------------	-------	-------

M after type number indicates matched pair of preceding type.

R indicates reverse polarity.

MR indicates matched pair of 1 standard and one reverse polarity diode.

LAFAYETTE SPECIAL



SILICON POWER RECTIFIERS

Top hat lead type silicon rectifiers excellent for TV, Radio and power supplies as half-wave, full wave rectifiers and voltage doublers.

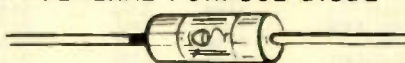
Type A: 750 Ma, 400 PIV @ 25°C.
500 Ma, 400 PIV @ 90°C.

SP-196 Shpg. wt., 4 oz. Net .69
10 for 6.25; 100 for 56.00

Type B: 750 Ma, 200 PIV @ 25°C.
500 Ma, 200 PIV @ 90°C.

SP-197 Shpg. wt., 4 oz. Net .49
10 for 4.40; 100 for 39.50

GENERAL PURPOSE DIODE



24c Each 10 for 2.15 100 for 19.50

Equivalent to: 1N34, 1N34A, 1N38A, 1N48, 1N58 and 1N69.

SP-148 Avg. shpg. wt., 2 oz. Net .24
10 for 2.15; 100 for 19.50

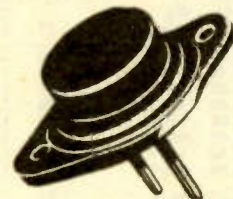
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LAFAYETTE LEADS IN THE FIELD OF TRANSISTORS

LAFAYETTE SEMI-CONDUCTOR SUPER SPECIALS POWER TRANSISTOR



Reg. value

1.39

.77

10 for \$ 7.00
100 for \$60.00

• Every Unit Tested For Performance!

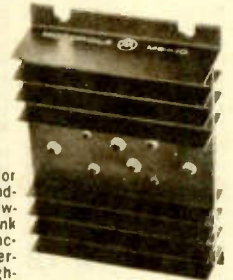
Similar to:

CBS 2N255,
Sylvania 2N307
& Motorola 2N554.

SP-147 Avg. shpg. wt., 2 oz. Net .77
10 for 7.00; 100 for 60.00

MOTOROLA MS-10 POWER TRANSISTOR HEAT SINK

2.25



Designed specifically for use with the industry standard type TP-3 (diamond) power transistor, this heat sink will reduce transistor junction temperatures and permit safe operation at higher power levels or under high ambient temperatures. The heat sink is easy to install and does not interfere with operation of the transistor. Shpg. wt., 8.02 oz.

SP-195 1 to 24 Net each 2.25
25 to 99 Net each 1.95

P N P AUDIO TRANSISTOR AS LOW AS .31c



Reliable general audio type PNP transistor for radio receivers, hobbyists, experimenters and kit builders. Similar to G E 2N107 and Raytheon CK-722. Avg. shpg. wt., 2 oz.

SP-146 Net each .39
10 for 3.69; 50 for 16.95; 100 for 31.00

SYLVANIA 2N1265 PNP TRANSISTOR SPECIAL! THEY'RE HOT!

AS LOW AS

.39



EXCELLENT FOR AUDIO OUTPUT, IF'S AND DRIVERS —MOST ARE VERY GOOD AS OSCILLATORS, MIXERS AND CONVERTERS.

SURPRISINGLY UNIFORM IN CHARACTERISTICS AND PERFORMANCE! ALL RATED 10 VOLTS COLLECTOR TO BASE—A REAL BUY!

SP-171 2N1265 SPECIAL Net .49
10 for 4.65; 50 for 22.05; 100 for 39.00



**TRANSISTORS,
THYRISTORS, RECTIFIERS**



INDUSTRO



**STANDARD RECTIFIER
SILICON
POWER RECTIFIERS**

GERMANIUM TRANSISTORS, THYRISTORS

Mfr's Type	NET EACH	100-999	Mfr's Type	NET EACH	100-999
2N104	1.82	1.25	2N645	6.93	4.66
2N109	1.24	.87	2N647	1.82	1.25
2N139	1.49	1.03	2N649	1.45	1.01
2N140	1.53	1.06	2N706	14.60	9.79
2N175	1.63	1.13	2N706A	15.70	10.49
2N176	3.05	2.08	2N1010	2.89	1.97
2N215	1.73	1.20	2N1014	12.40	8.29
2N217	1.16	.81	2N1023	4.54	3.07
2N218	1.40	.98	2N1066	4.54	3.07
2N219	1.45	1.01	2N1090	3.30	3.24
2N220	1.55	1.07	2N1091	4.87	3.29
MIL2N220	4.54	3.07	2N1169	6.60	4.44
2N269	2.64	1.80	2N1170	9.08	6.09
2N270	1.32	.92	2N1177	3.63	2.46
2N274	2.06	1.42	2N1178	3.30	2.24
MIL2N274	1.73	1.20	2N1179	2.97	2.02
2N301	3.00	2.04	2N1180	2.48	1.69
2N301A	4.95	3.34	2N1183	2.48	1.69
2N307	1.49	1.03	2N1183A	3.30	2.24
2N351	3.30	2.24	2N1183B	4.13	2.79
2N370	2.72	1.86	2N1184	4.95	3.34
2N371	2.89	1.97	2N1184A	5.78	3.89
2N372	2.64	1.80	2N1184B	8.25	5.54
2N373	1.49	1.03	2N1213	7.84	5.27
2N374	1.57	1.09	2N1214	7.84	5.27
2N376	3.47	2.35	2N1215	7.84	5.27
2N384	3.03	2.24	2N1216	4.95	3.34
MIL2N384	4.54	3.07	2N1224	2.48	1.69
2N398	2.06	.42	2N1225	3.30	2.24
2N404	1.32	.92	2N1226	3.30	2.24
MIL2N404	1.40	.98	2N1300	2.64	1.80
2N405	.86	.61	2N1301	5.78	3.89
2N406	.88	.61	2N1384	6.60	4.40
2N407	.92	.66	2N1395	2.81	1.91
2N408	.92	.66	2N1396	3.71	2.52
2N409	1.22	.85	2N1397	4.95	3.34
2N410	1.22	.85	2N1425	1.25	.88
2N411	1.29	.90	2N1426	1.35	.94
2N412	1.29	.90	2N1511	38.35	25.64
2N456	3.63	2.46	2N1512	50.35	33.69
2N578	3.71	2.52	2N1524	1.25	.88
2N579	4.95	3.34	2N1525	1.25	.88
2N580	5.78	3.89	2N1526	1.35	.94
2N581	1.27	.89	2N1527	1.35	.94
2N582	3.30	2.24	2N1631	1.63	1.13
2N583	1.98	1.36	2N1632	1.63	1.13
2N584	4.46	3.01	2N1633	1.49	1.03
2N585	2.64	1.80	2N1634	1.49	1.03
2N586	1.90	1.31	2N1635	1.57	1.09
2N591	1.12	.79	2N1636	1.57	1.09
2N640	1.85	1.27	2N1637	1.85	1.26
2N641	1.68	1.16	2N1638	1.77	1.22
2N642	1.77	1.22	2N1639	1.77	1.22
2N643	3.47	2.35	2N1683	7.01	4.72
2N644	5.36	3.62			

SILICON TRANSISTORS—NPN TYPE

Mfr's Type	NET EACH	100-999	Mfr's Type	NET EACH	100-999
2N1067	31.50	21.04	2N1485	30.10	20.14
2N1069	82.50	55.04	2N1486	44.55	29.74
2N1070	97.50	65.04	2N1487	52.45	35.04
2N1479	12.80	8.59	2N1488	60.00	40.04
2N1480	14.45	9.69	2N1489	67.50	45.04
2N1481	16.90	11.34	2N1490	75.00	50.04
2N1482	22.30	14.89	2N1491	33.75	22.54
2N1483	19.40	12.99	2N1492	39.75	26.54
2N1484	25.15	16.84	2N1493	48.75	32.54

SILICON RECTIFIERS

Mfr's Type	NET EACH	100-999	Mfr's Type	NET EACH	100-999
1N440-B	1.73	1.20	JAN1N540	3.30	2.24
1N441-B	2.05	1.40	1N547	3.68	2.49
1N442-B	2.52	1.72	1N1095	2.71	1.84
1N443-B	3.55	2.41	1N1763	1.06	.74
1N444-B	4.42	2.99	1N1764	1.55	1.07
1N445-B	6.07	4.09	1N2858	.74	.54
1N536	1.06	.74	1N2859	.83	.59
1N537	1.12	.79	1N2860	.91	.65
1N538	1.35	.94	1N2861	1.12	.79
JAN1N538	1.98	1.36	1N2862	1.27	.89
1N539	1.80	1.24	1N2863	1.98	1.36
1N540	2.71	1.84	1N2864	2.64	1.80

GERMANIUM ALLOY TRANSISTORS

* Indicates compliance to military specifications

Mfg. Type	NET EACH	100-499	500-999	Mfg. Type	NET EACH	100-499	500-999
2N315	2.85	2.12	1.90	2N579	4.05	3.00	2.70
2N315A	3.00	2.23	2.00	2N580	4.72	3.50	3.15
2N316	2.92	2.17	1.95	2N581	1.75	1.30	1.17
2N316A	3.06	2.27	2.04	2N582	4.05	3.00	2.70
2N317	7.23	5.35	4.82	2N631	1.27	1.00	.95
2N317A	6.60	4.90	4.40	2N632	1.20	.89	.82
2N331	1.79	1.32	1.19	2N633	1.15	.85	.79
2N359	1.64	1.15	1.09	2N1017	6.12	4.30	4.06
2N360	1.56	1.09	1.04	2N1280	2.85	2.11	1.90
2N361	1.50	1.05	1.00	2N1281	3.75	2.78	2.50
2N362	1.26	.88	.84	2N1282	3.97	2.95	2.65
2N363	1.17	.82	.78	2N1284	3.45	2.55	2.30
2N404*	2.07	1.45	1.38	2N1313	3.93	2.80	2.66
2N413	1.27	.94	.94	2N1316	11.07	8.20	7.38
2N414	1.35	.99	.90	2N1317	6.75	5.00	4.50
2N414B	1.68	1.25	1.12	2N1318	6.48	4.80	4.32
2N416	3.78	2.65	2.52	2N1343	2.32	1.72	1.55
2N417	5.13	3.60	3.42	2N1344	2.56	1.90	1.71
2N417*	6.27	4.40	4.18	2N1345	4.59	3.40	3.06
2N425*	3.01	2.12	2.01	2N1346	4.59	3.40	3.06
2N426	2.56	1.80	1.71	2N1348	4.72	3.50	3.15
2N426*	3.21	2.25	2.14	2N1349	5.40	4.00	3.60
2N427	3.27	2.30	2.18	2N1350	6.07	4.50	4.05
2N427*	4.77	3.35	3.18	2N1351	6.75	5.00	4.50
2N428	5.41	3.80	3.61	2N1352	2.34	1.73	1.58
2N428*	6.37	4.50	4.25	2N1353	1.58	1.10	1.05
2N464	2.02	1.50	1.35	2N1354	2.14	1.50	1.43
2N465	1.56	1.15	1.04	2N1355	2.99	2.10	1.99
2N466	1.62	1.20	1.08	2N1356	3.70	2.60	2.47
2N467	2.02	1.50	1.35	2N1357	5.13	3.60	3.42
2N482	1.20	.83	.79	2N1446	2.46	1.82	1.64
2N483	1.24	.90	.86	2N1447	2.61	1.93	1.74
2N484	1.27	1.00	.95	2N1448	2.91	2.15	1.94
2N485	1.29	.95	.90	2N1449	3.37	2.50	2.25
2N486	1.27	1.00	.95	2N1451	2.43	1.80	1.62
2N519	1.26	.95	.84	2N1452	3.00	2.22	2.00
2N519A	1.35	1.00	.90	2N1471	1.80	1.34	1.20
2N520	1.83	1.35	1.22	TR-34	.75	.55	.50
2N520A	1.95	1.45	1.30	TR-319	1.41	1.00	.94
2N521	3.37	2.50	2.25	TR-320	1.60	1.14	1.07
2N521A	3.60	2.67	2.40	TR-321	1.62	1.20	1.08
2N522	4.53	3.35	3.02	TR-322	1.35	.96	.90
2N522A	4.93	3.65	3.29	TR-323	1.54	1.10	1.03
2N523	6.42	4.75	4.28	TR-324	1.68	1.19	1.12
2N523A	6.75	5.00	4.50	TR-383	1.81	1.34	1.21
2N564	2.02	1.50	1.35	TR-482	.90	.67	.60
2N566	2.29	1.70	1.53	TR-508	1.77	1.24	1.17
2N568	2.70	2.00	1.80	TR-650	1.69	1.25	1.13
2N570	3.04	2.25	2.03	TR-653	1.49	1.10	.99
2N572	3.37	2.50	2.25	TR-721	1.32	.97	.88
2N578	3.04	2.25	2.03	TR-722	.94	.67	.63

NEW GERMANIUM ALLOY JUNCTION TRANSISTORS

2N696	19.75	13.20	11.88	2N1252	24.05	16.05	14.44
2N697	22.75	15.15	13.63	2N1253	26.30	17.55	15.79
2N699	34.00	22.90	20.05	2N1400	34.00	22.90	20.61
2N702	21.75	14.50	13.05				

NEW MINI REF-AMPS

Mini Ref-Amp consists of a silicon amplifying transistor and a voltage reference (temperature compensated) zener diode constructed within the confines of the JEDEC TO-33 (four leads) transistor case. Replaces both the reference and the amplifier stage regulator circuits.

Mfg. Type	NET EACH	100	Mfg. Type	NET EACH	100
2N1695*	40.00	30.00	MRA-4*	40.00	30.00
2N1696*	86.00	69.50	MRA-4A*	71.00	55.00
2N1697	16.50	11.55	MRA-5*	40.00	30.00
2N1698	19.50	13.65	MRA-5A*	71.00	55.00
MRA-1*	45.00	35.00	XMRA-3	16.50	11.55
MRA-1A*	86.00	69.50	XMRA-3A	19.50	13.65
MRA-3*	40.00	30.00	XMRA-4	16.50	11.55
MRA-3A*	71.00	55.00	XMRA-4A	19.50	13.65

* Complies with military specifications.

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Mfr's Type	PIV (Amp.)	I Max.	NET EACH	100-500	500-999	1000-4999
2MA10	100	.55	.47	.38	.33	
2MA36	360	.95	.81	.67	.57	
7MA05	50	.75	.80	.68	.56	.48
7MA10	100	.75	.86	.73	.60	.52
7MA20	200	.75	.95	.81	.67	.57
7MA30	300	.75	1.07	.91	.75	.64
7MA40	400	.75	1.40	1.19	.98	.84
7MA50	500	.75	1.72	1.46	1.20	1.03
7MA60	600	.75	1.92	1.63	1.35	1.15
3VS10	100	.3	3.00	2.55	2.10	2.00
3VS20	200	.3	3.75	3.20	2.60	2.25
3VS36	360	.3	4.35	3.70	3.05	2.65
10VS10	100	1	4.00	3.40	2.80	2.40
10VS20	200	1	4.50	3.85	3.15	2.70
10VS40	400	1	6.50	5.55	4.55	3.90

Mfr's Type	PIV (Amp.)	I Max.	NET EACH	100-500	500-999	1000-4999
6C05/1N1341	50	6	3.15	2.05	1.95	1.85
6C10/1N1342						



TRANSISTORS — ALL NPN EXCEPT *PNP

Mfg. Type	NET EACH		Mfg. Type	NET EACH		Mfg. Type	NET EACH	
	1-99	100-999		1-99	100-999		1-99	100-999
2N34*	3.26	2.17	2N358A NAVY	7.50	5.00	2N556	5.25	3.50
2N35	1.05	.81	2N370*	2.72	1.82	2N557	2.70	1.80
2N43	Order	2N524	2N371*	2.85	1.90	2N558	5.25	3.50
2N44	Order	2N525	2N372*	2.64	1.76	2N576	6.00	4.00
2N68*	Order	2N101/13	2N373*	1.49	.99	2N576A	7.50	5.00
2N94	1.28	.98	2N374*	1.73	1.16	2N582*	3.90	2.60
2N94A	5.25	4.00	2N377*	2.35	1.55	2N585	2.61	1.74
2N95	Order	2N102/13	2N377A	3.23	2.15	2N587	4.88	3.25
2N101	Order	2N101/13	2N381*	1.28	.85	2N591	1.11	.74
2N101/13*	4.50	3.00	2N382*	1.55	1.03	2N602	3.38	2.25
2N102*	Order	2N102/13	2N383*	1.88	1.25	2N603	5.30	3.53
2N102/13*	4.50	3.00	2N384*	3.30	2.20	2N604*	7.58	5.05
2N104*	2.31	1.54	2N385	3.15	2.10	2N624*	8.10	5.40
2N109*	1.50	1.00	2N385A	3.90	2.60	2N624 Sig. C	9.00	6.00
2N123*	4.50	3.00	2N388	4.00	2.66	2N631	1.17	.78
2N139*	1.71	1.14	2N388 NAVY	4.88	3.25	2N643	3.42	2.28
2N140*	1.80	1.20	2N388A	5.10	3.40	2N644	5.30	3.53
2N141*	Order	2N143/13	2N395*	2.25	1.50	2N645	6.86	4.57
2N142	Order	2N144/13	2N396*	3.15	2.10	2N650	1.88	1.25
2N143*	Order	2N143/13	2N396A	3.70	2.47	2N651	2.10	1.40
2N143/13*	9.00	6.00	2N396A NAVY	3.90	2.60	2N652	2.40	1.60
2N144	Order	2N144/13	2N397	5.40	3.60	2N677*	3.38	2.25
2N144/13	9.00	6.00	2N398*	2.31	1.54	2N677A*	4.50	3.00
2N155*	2.55	1.68	2N399*	3.22	2.15	2N677B*	8.63	5.75
2N168A	1.97	1.54	2N401*	2.92	1.95	2N677C*	13.13	8.75
2N169A	2.40	1.60	2N404*	1.50	1.10	2N678*	4.50	3.00
2N175*	2.48	1.65	2N404 USAF	1.73	1.27	2N678A	5.52	3.68
2N176*	2.78	1.85	2N404A*	3.26	2.17	2N678B*	12.00	8.00
2N193	1.17	.90	2N405*	.86	.57	2N679	1.58	1.05
2N194	1.24	.95	2N406*	.86	.57	2N705	16.00	10.00
2N194A	1.35	1.03	2N407*	.92	.62	2N710	13.35	8.35
2N211	1.80	1.38	2N408*	.92	.62	2N711*	2.90	1.95
2N212	1.40	1.07	2N409*	1.22	.81	2N1000	9.00	6.00
2N213	1.05	.81	2N410*	1.22	.81	2N1007	3.00	2.11
2N213A	1.10	.84	2N411*	1.29	.86	2N1008*	1.35	.90
2N214	1.28	.98	2N412*	1.29	.86	2N1008A*	1.98	1.32
2N214MP	2.56	1.96	2N413*	1.35	.90	2N1009*	.90	.60
2N216*	1.58	1.21	2N413A*	1.53	1.02	2N10158	1.42	1.09
2N217*	1.40	.94	2N414*	1.23	.82	2N10159	.90	.69
2N218*	1.57	1.05	2N414A*	1.62	1.08	2N1101	.68	.52
2N219*	1.82	1.21	2N417	4.50	3.00	2N1102	.71	.54
2N228	1.50	1.15	2N417 Sig. C	6.60	4.40	2N1114	5.25	3.50
2N229	.57	.44	2N419*	3.30	2.20	2N1218	7.50	5.00
2N233	.57	.44	2N420*	2.55	1.70	2N1224*	2.45	1.63
2N233A	1.02	.78	2N425*	2.19	1.50	2N1225	3.26	2.17
2N235A*	2.55	1.70	2N425 Sig. C	2.84	1.89	2N1226	3.26	2.17
2N235B*	2.70	1.90	2N426*	2.40	1.60	2N1251	.90	.69
2N236B	3.75	2.50	2N426A*	3.00	2.00	2N1264*	.57	.44
2N241A*	1.80	1.20	2N427*	3.00	2.05	2N1266*	.57	.44
2N242*	2.58	1.68	2N427 Sig. C	4.50	3.00	2N1265	.57	.44
2N247*	2.85	1.90	2N428*	5.03	3.35	2N1299	4.88	3.25
2N255*	1.25	.85	2N428 Sig. C*	6.08	4.05	2N1302	1.60	1.10
2N256*	1.45	1.05	2N438	2.85	1.90	2N1303	1.60	1.10
2N257*	2.95	1.95	2N438A	3.38	2.25	2N1304	2.00	1.40
2N270*	1.52	1.01	2N439	3.95	2.63	2N1305	2.00	1.40
2N285A*	3.68	2.45	2N439A	4.73	3.15	2N1306	3.20	2.20
2N292	1.45	.97	2N440	5.63	3.75	2N1307	3.20	2.20
2N296*	5.00	3.38	2N440A	7.50	5.00	2N1308	4.80	3.30
2N301*	2.73	1.82	2N464*	1.65	1.10	2N1309	4.80	3.30
2N301A*	4.83	3.00	2N464 Sig. C	2.81	1.87	2N1372*	.89	.59
2N306	.75	.58	2N465*	1.70	1.13	2N1373*	1.50	1.00
2N307*	1.35	.90	2N465 Sig. C	2.94	1.96	2N1374*	1.13	.75
2N307A*	2.00	1.32	2N466*	1.76	1.17	2N1375*	1.73	1.15
2N312	5.10	3.40	2N466 Sig. C	3.06	2.04	2N1376*	1.43	.95
2N321*	1.80	1.20	2N467*	2.21	1.47	2N1377	1.88	1.25
2N323*	1.64	1.10	2N467 Sig. C*	3.84	2.56	2N1378	1.43	.95
2N324*	1.78	1.19	2N482*	1.23	.82	2N1379	1.58	1.05
2N326	14.10	9.40	2N483*	1.23	.82	2N1380*	.75	.50
2N332	8.70	5.80	2N484*	1.23	.82	2N1381*	.60	.53
2N333	11.85	7.90	2N515	1.33	1.02	2N1431	1.12	.86
2N334	11.85	7.90	2N516	1.40	1.07	2N1432*	3.11	2.07
2N335	18.10	12.05	2N517	1.33	1.02	2N1473	12.75	8.50
2N336	20.85	13.90	2N519*	1.28	.85	2N1605	2.25	1.50
2N337	14.55	9.70	2N520*	2.00	1.33	2N1673	3.11	2.07
2N338	18.15	12.10	2N524*	2.73	1.82	SYL1250	2.10	1.36
2N356	3.59	2.39	2N525*	3.00	2.00	SYL1251	2.02	1.30
2N356A	4.13	2.75	2N526*	3.30	2.20	SYL1444	1.31	.80
2N357	4.56	3.04	2N526 NAVY	4.65	3.10	SYL1583	.45	.34
2N357A	5.10	3.40	2N527*	3.68	2.45	SYL1697	1.50	1.11
2N358	6.20	4.13	2N544*	1.63	1.09	SYL1750	1.68	1.09
2N358A	6.90	4.60	2N554*	1.35	.90	SYL1986	30.00	—
						SYL1987	30.00	—

MICROWAVE DIODES

Mfg. Type	NET EACH		Mfg. Type	NET EACH		Mfg. Type	NET EACH	
	1-99	100-999		1-99	100-999		1-99	100-999
1N21A	.69	.55	1N26RB	41.70	33.30	1N415CM	5.25	4.12
1N21B JAN	.69	.55	1N26BMR	83.40	66.60	1N4150	5.60	4.40
1N21BM	1.73	1.38	1N26C	32.80	26.00	1N415DM	14.00	11.00
1N21BR	1.04	.83	1N26CR	49.20	39.00	1N415E	8.73	7.00
1N21BMR	2.06	1.65	1N26CMR	98.40	78.00	1N415EMR	21.90	17.50
1N21C	1.04	.83	1N31 JAN	7.20	5.65	1N415EM	21.90	17.50
1N21CM	2.48	1.98	1N31A	15.00	12.00	1N416B	2.00	2.20
1N21CR	1.44	1.15	1N32 JAN	11.85	9.50	1N416M	7.80	5.50
1N21CMR	3.13	2.50	1N32R	17.80	14.25	1N416C	4.20	3.30
1N21O	3.48	2.78	1N53	23.70	19.00	1N416CM	10.50	8.25
1N21DM	8.75	6.95	1N53M	59.30	47.50	1N4160	5.60	4.40
1N21DR	5.22	4.17	1N53R	37.15	29.70	1N416DM	14.00	11.00
1N21DMR	10.44	8.35	1N53MR	74.25	59.40	1N416E	8.38	6.70
1N21E	5.25	4.20	1N53A	26.20	21.00	1N416EM	21.00	16.75
1N21EM	13.13	10.50	1N53AM	65.60	52.50	1N446	44.20	35.35
1N21ER	7.88	6.30	1N53AR	39.75	33.00	1N446R	66.25	53.00
1N21EMR	15.75	12.60	1N53AMR	79.50	66.00	1N630	36.40	29.10
1N21F	12.50	10.00	1N53B	33.35	26.40	1N630R	58.60	43.65
1N21FM	31.25	25.00	1N53BM	76.00	66.10	1N630A	84.90	71.10
1N21FR	18.75	15.00	1N53BR	50.30	40.25	1N830	2.60	2.05
1N21FMR	37.50	30.00	1N53BMR	100.45	80.35	1N830A	4.00	3.10
1N21WE	10.25	8.20	1N53C	47.75	38.20	1N831	7.20	5.60
1N21WE JAN	12.75	10.20	1N53CM	119.35	95.50	1N831M	12.80	10.00
1N21WEM	25.63	20.50	1N53RC	71.60	57.30	1N831A	18.00	14.00
1N23A	.69	.55	1N53RCM	143.25	114.60	1N831AM	32.00	25.00
1N23B JAN	.69	.55	1N76	2.09	1.64	1N832	8.80	6.85
1N23BM	1.73	1.38	1N76R	4.20	3.30	1N832M	22.00	17.10
1N23BR	1.04	.83	1N76A	2.64	2.08	1N833	4.80	3.75
1N23BMR	2.06	1.65	1N78 JAN	8.00	6.40	1N918	18.00	14.40
1N23C JAN	1.04	.83	1N78M	20.00	16.00	1N1132	44.20	35.35
1N23CM	2.48	1.98	1N78R	12.00	9.60	1N1132R	66.25	53.00
1N23CR JAN	1.44	1.15	1N78MR	24.00	19.20	1N1610	33.60	29.20
1N23CMR	3.13	2.50	1N78A	11.25	9.00	1N1610R	50.40	43.80
1N23O	3.48							

SYLVANIA DIODES



SEMICONDUCTOR PRODUCTS

GERMANIUM AND SILICON DIODES

* Indicates Subminiature

Mfr. Type	NET EACH		Mfr. Type	NET EACH	
	1-99	100-999		1-99	100-999
1N34A	.43	.34	1N100	1.35	1.00
1N34AS*	.33	.29	1N115	.67	.53
1N35	1.68	1.31	1N116	.67	.50
1N35S*	1.58	1.21	1N117	.67	.50
1N38A	.80	.65	1N118	.80	.60
1N38BJAN	.80	.65	1N119	.64	.50
1N38BS*	.75	.57	1N120	.61	.48
1N39A	2.50	2.00	1N126	.45	.34
1N39B	2.50	2.00	1N126A	.45	.34
1N48	.43	.34	1N127	.89	.70
1N48S	.33	.22	1N127A	.89	.70
1N52A	.70	.55	1N128JAN	.73	.68
1N54A	.80	.62	1N140	.61	.48
1N51AS*	.80	.62	1N191	.64	.50
1N55A	1.70	1.25	1N192	.53	.41
1N55A/BS	1.70	1.25	1N193	6.60	5.10
1N56A	.80	.53	1N194	9.90	7.60
1N56A/BS	.80	.53	1N196	11.55	8.90
1N58A	.85	.60	1N198JAN	.70	.55
1N58AS*	.77	.55	1N198A	.70	.55
1N60	.43	.34	1N294	52	40
1N63	1.20	.94	1N295	.35	.27
1N63S*	1.10	.87	1N297	.70	.55
1N64	.43	.34	1N298	.88	.65
1N65	.53	.40	1N417	1.25	.97
1N65S*	.48	.35	1N418	.72	.56
1N67A	.72	.56	1N419	1.42	1.11
1N68A	1.04	.80	1N448	1.25	.96
1N69A	.43	.34	1N450	1.05	.75
1N69AJAN	.43	.34	1N451	1.50	1.15
1N70	.77	.60	1N455	3.30	2.54
1N70A	.71	.47	1N632	.72	.56
1N70AJAN	.77	.60	1N633	1.46	1.17
1N72	.95	.70	1N634	1.05	.75
1N77A	7.50	5.50	1N636	.38	.27
1N77B	7.50	5.50	1N643A	3.95	2.95
1N81A	.77	.60	1N658	3.91	3.10
1N81JAN	.77	.60	1N661	2.85	2.43
1N82	.95	.70	1N805	.34	.26
1N82A	.91	.71	1N1093	1.04	.81
1N90	.38	.29	101820	1.33	1.04
1N98	.96	.72			

SILICON POWER RECTIFIERS

* Indicates Germanium

Mfr. Type	NET EACH		Mfr. Type	NET EACH	
	1-99	100-999		1-99	100-999
1N91*	.85	.55	1N1693	.90	.60
1N92*	1.95	1.30	1N1694	1.10	.75
1N93*	2.70	1.80	1N1695	1.30	.85
1N253	2.20	1.45	1N2069	1.10	.75
1N254	2.55	1.70	1N2070	1.35	.90
1N255	5.10	3.40	1N2071	1.70	1.10
1N256	6.30	4.20	SR91	.70	.50
1N440B	1.90	1.25	SR92	1.70	1.19
1N441B	2.25	1.50	SR93	2.30	1.65
1N442B	3.00	2.00	SR200	.80	.53
1N443B	4.00	2.66	SR500	1.20	.80
1N444B	4.45	2.95	SR772	.83	.55
1N445B	6.10	4.05	SR773	.92	.61
1N536	1.05	.70	SR774	1.00	.67
1N537	1.15	.75	SR775	1.08	.72
1N538	1.35	.90	SR777	1.73	1.15
1N539	1.80	1.20	SR778	2.10	1.40
1N547	3.70	2.45	SR779	4.20	2.80
1N550	2.95	1.95	SR780	8.00	5.30
1N551	3.30	2.20	SR781	9.40	6.25
1N552	3.90	2.60	SR782	11.00	7.35
1N553	4.90	3.25	SR1493	1.08	.72
1N554	7.05	4.70	SR1494	1.20	.80
1N555	9.70	6.45	SR1692	.70	.45
1N584	3.00	2.00	SR1693	.90	.60
1N1095	2.70	1.80	SR1694	1.10	.75
1N1096	3.70	2.45	SR1695	1.30	.85
1N1692	.70	.45			

SILICON BONDED DIODES

Mfr. Type	NET EACH	
	1-99	100-999
1N251	5.90	4.40
1N252	3.75	2.80
1N997	6.00	4.50

HIGH SPEED COMPUTER DIODES

Mfr. Type	NET EACH	
	1-99	100-999
04103	9.25	6.25
04104	22.40	17.50
04109	12.75	9.75
04121	9.25	6.25

TUNNEL DIODES

Mfr. Type	NET EACH	
	1-99	100-999
04115	17.50	14.88
04115A	27.50	23.88
04115B	37.50	31.88

GERMANIUM TRANSISTORS

Mfr. Type	NET EACH		Mfr. Type	NET EACH	
	1-99	100-999		1-99	100-999
2N155	2.83	2.25	2N659	4.87	3.25
2N359	1.72	1.15	2N660	5.77	3.85
2N360	1.63	1.09	2N661	8.40	5.60
2N361	1.57	1.05	2N662	2.62	1.75
2N362	1.05	.70	2N1017	6.45	4.30
2N363	.97	.65	2N1090	3.00	2.00
2N395	2.25	1.50	2N1091	4.43	2.95
2N396	3.15	2.10	2N1366A	1.35	.90
2N397	5.40	3.60	2N1367A	1.33	.89
2N404	1.71	1.14	CK4	3.38	2.25
2N404/USAF	1.86	1.24	CK4A	4.13	2.75
2N413	1.38	.92	CK13	2.48	1.65
2N414	1.44	.96	CK13A	3.90	2.60
2N415	3.38	2.05	CK14	3.68	2.45
2N417(Sig. C)	4.22	2.81	CK14A	4.95	3.30
2N417	5.10	3.40	CK16	5.93	3.95
2N422	1.95	1.30	CK16A	6.75	4.50
2N422USM	2.45	1.63	CK17	7.43	4.95
2N425	1.65	1.10	CK17A	8.40	5.60
2N425(Sig. C)	2.07	1.38	CK22	3.00	2.00
2N426	2.48	1.45	CK22A	3.53	2.35
2N426(Sig. C)	2.72	1.81	CK25	4.35	2.90
2N427	3.23	2.15	CK25A	4.95	3.30
2N427(Sig. C)	4.03	2.69	CK26	4.50	3.00
2N428	4.65	3.10	CK26A	5.10	3.40
2N428(Sig. C)	4.82	3.88	CK27	6.23	4.15
2N438	2.85	1.90	CK27A	7.43	4.95
2N439	3.90	2.60	CK28	8.63	5.75
2N440	5.25	3.50	CK28A	10.20	6.80
2N464	1.65	1.10	CK64	2.48	1.65
2N464(Sig. C)	2.88	1.92	CK64A	2.85	1.90
2N465	1.73	1.15	CK65	2.63	1.75
2N465(Sig. C)	3.02	2.01	CK54A	3.00	2.00
2N466	1.80	1.20	CK66	2.85	1.90
2N466(Sig. C)	3.14	2.09	CK66A	3.15	2.10
2N467	2.25	1.50	CK67	3.00	2.00
2N467(Sig. C)	3.91	2.61	CK67A	3.53	2.35
2N481	1.21	.81	CK709	11.17	7.70
2N482	1.24	.83	CK711	12.50	8.62
2N483	1.24	.83	CK715	.66	—
2N484	1.27	.85	CK717	11.17	7.70
2N485	1.29	.86	CK719	12.50	8.62
2N486	1.32	.88	CK721	2.40	—
2N631	1.17	.78	CK722	.90	—
2N632	1.13	.75	CK768	1.50	—
2N633	1.03	.69	CK913	.84	—
2N658	3.37	2.25	CK914	.84	—

GERMANIUM DIODES AND RECTIFIERS

Mfr. Type	NET EACH		Mfr. Type	NET EACH	
	1-99	100-999		1-99	100-999
1N34	.40	.31	1N192	.53	.41
1N34A	.40	.31	1N198	.73	.56
1N60	.27	.21	1N198(JAN)	.73	.56
1N63A	1.08	.83	1N270	1.00	.80
1N66	.40	.31	1N273	.75	.58
1N66A	.40	.31	1N276	1.43	1.10
1N67	.82	.63	1N276(JAN)	1.43	1.10
1N67A	.73	.56	1N277	1.70	1.30
1N68	.78	.60	1N281	.63	.48
1N68A	.78	.60	1N283	.76	.59
1N89	.82	.63	1N294	.52	.40
1N90	.82	.63	1N294A	.52	.40
1N95	.52	.40	1N295*	.27	.21
1N97	.86	.66	1N297	.27	.21
1N99	.91	.70	1N297A	.82	.63
1N116	.65	.50	1N298	.72	.55
1N117	.65	.50	1N298A	.72	.55
1N126	.44	.34	1N305	2.60	2.00
1N126(JAN)	.44	.34	1N306	2.60	2.00
1N127	.91	.70	1N307	2.60	2.00
1N127A(JAN)	.91	.70	CK709	11.17	7.70
1N128	.69	.53	CK711	12.50	8.62
1N128A(JAN)	.69	.53	CK717	11.17	7.70
1N191	.65	.50	CK719	12.50	8.62
1N40	5.00	3.80	1N703	3.80	2.88
1N41	12.00	9.25	1N704	3.80	2.88
1N42	8.25	6.45	1N705	3.80	2.88
1N71	5.00	3.80	1N706	3.80	2.88
1N435	9.75	7.60	1N707	3.80	2.88

VARIATORS

1N40	5.00	3.80
1N41	12.00	9.25
1N42	8.25	6.45
1N71	5.00	3.80
1N435	9.75	7.60

ZENER DIODES

1N703	3.80	2.88
1N704	3.80	2.88
1N705	3.80	2.88
1N706	3.80	2.88
1N707	3.80	2.88

GOLD BONDED DIODES

1N270JAN	1.00	.80	1N281JAN	.70	.55
1N276JAN	1.65	1.25	1N283	1.23	.96
1N277	1.95	1.56	1N695	1.50	1.20
1N279	.86	.67	1N770	.75	.52

SILICON TRANSISTORS

Mfr. Type	NET EACH		Mfr. Type	NET EACH	
	1-99	100-999		1-99	100-999
2N327A	10.50	7.00	2N1035	11.25	7.50
2N328A	19.50	13.00	2N1036	17.63	11.75
2N328A(Sig. C)	19.50	13.00	2N1037	24.30	16.20
2N329A	32.25	21.50	2N1074	8.40	5.60
2N329A(Sig. C)	32.25	21.50	2N1075	11.25	7.50
2N332	8.70	5.80	2N1076	17.63	11.75
2N333	11.75	7.90	2N1077	27.00	18.00
2N334	11.75	7.90	2N1275	15.90	10.60
2N335	18.10	12.05	2N1386	36.75	24.50
2N336	20.85	13.90	2N1387	33.75	22.50
2N337	14.55	9.70	2N1388	52.50	35.00
2N338	18.08	12.05	2N1389	38.25	25.50
2N389	59.60	39.70	2N1390	13.50	9.00
2N424	44.25	29.50	2N1460	36.00	24.00
2N619	10.50	7.00	2N1470	81.75	54.50
2N620	24.00	16.00	2N1528	26.00	24.00
2N621	36.00	24.00			



MOTOROLA — TRANSISTORS • DIODES •



GERMANIUM TRANSISTORS

Type Number	Net 1-99	Type Number	Net 1-99	Type Number	Net 1-99
2N176	2.00	2N652A	2.75	2N1532	5.00
2N297A	4.65	2N653	1.65	2N1533	15.00
2N297A (SC)	8.90	2N654	1.80	2N1534	2.55
2N331	1.85	2N655	1.95	2N1535	2.60
JAN 2N331	5.10	2N669	2.15	2N1536	4.25
2N350A	2.10	2N695	17.60	2N1537	5.30
2N351A	2.15	2N700	10.85	2N1538	16.50
2N375	4.35	2N705	15.00	2N1539	2.60
2N376A	2.25	2N710	12.50	2N1540	2.70
2N404	2.15	2N741	5.75	2N1541	4.35
2N425	3.15	2N1011	5.10	2N1542	5.45
2N426	3.20	2N1011 (SC)	9.15	2N1543	19.50
2N427	4.85	2N1120	10.10	2N1544	2.70
2N428	6.30	2N1120 (SC)	17.85	2N1545	3.15
2N461 (AF)	3.75	2N1162	7.50	2N1546	4.50
2N464	2.25	2N1163	7.50	2N1547	5.95
2N465	1.70	2N1164	11.25	2N1548	25.50
2N465 (SC)	3.00	2N1165	11.25	2N1549	4.50
2N466	1.80	2N1166	15.00	2N1550	5.25
2N466 (SC)	3.15	2N1167	15.00	2N1551	7.20
2N467	2.25	2N1191	1.20	2N1552	9.75
2N467 (SC)	3.90	2N1192	1.35	2N1553	3.35
2N618	4.70	2N1193	1.50	2N1554	4.50
2N627	4.50	2N1359	2.55	2N1555	7.20
2N628	5.25	2N1360	2.60	2N1556	12.00
2N629	7.20	2N1362	5.00	2N1557	4.50
2N630	9.75	2N1363	5.30	2N1558	5.55
2N650	1.85	2N1364	15.00	2N1559	8.25
2N650A	2.40	2N1365	18.00	2N1560	12.75
2N651	2.10	2N1529	2.45	2N1561	42.50
2N651A	2.45	2N1530	2.55	2N1562	33.75
2N652	2.40	2N1531	3.95		

† Meg-A-Life units.

SC is Signal Corps specs.
AF is USAF specs.

NEW! "MEG-A-LIFE" GERMANIUM POWER TRANSISTORS

Mfg. Type	Net 1-99	Mfg. Type	Net 1-99	Mfg. Type	Net 1-99
2N1162A	8.25	2N1536A	5.00	2N1550A	6.00
2N1163A	8.25	2N1537A	6.05	2N1551A	7.95
2N1164A	12.00	2N1539A	3.35	2N1552A	10.50
2N1165A	12.00	2N1540A	3.45	2N1553A	4.10
2N1166A	15.75	2N1541A	5.10	2N1554A	5.25
2N1167A	15.75	2N1542A	6.20	2N1555A	7.95
2N1529A	3.20	2N1544A	3.45	2N1556A	12.75
2N1530A	3.30	2N1545A	3.90	2N1557A	5.25
2N1531A	3.95	2N1546A	5.25	2N1558A	6.30
2N1532A	5.75	2N1547A	6.65	2N1559A	9.00
2N1534A	3.30	2N1549A	5.25	2N1560A	13.50
2N1535A	3.35				

SILICON RECTIFIERS

Type Number	Net Ea. 1-99	Type Number	Net Ea. 1-99	Type Number	Net Ea. 1-99
1N253	2.10	JAN 1N538	2.00	1N1117	3.15
JAN 1N253	2.75	1N539	1.70	1N1118	5.10
1N254	2.40	1N540	2.60	1N1119	7.35
JAN 1N254	3.15	JAN 1N540	3.30	1N1120	10.35
1N255	4.95	1N547	3.35	1N2610	1.12
JAN 1N255	5.55	JAN 1N547	4.20	1N2611	1.25
1N256	5.60	1N1095	2.60	1N2612	1.65
JAN 1N256	6.70	1N1096	3.35	1N2613	2.25
1N536	.90	1N1115	2.20	1N2614	2.45
1N537	1.05	1N1116	2.55	1N2615	3.20
1N538	1.32				

POWER TRANSISTOR HANDBOOK

Motorola's new Power Transistor Handbook is a valuable first edition for circuit engineers. This first-of-its-kind manual, with over 200 pages, is a basic guide to the theory, design characteristics, and applications of versatile power transistors. Postpaid in U.S.A.

BK-1525 Net 2.00

REFERENCE DIODES

1/2 WATT — 9.0 VOLT REFERENCE DIODES

Type Number	Net Each 1-24	Net Each 25-99	Type Number	Net Each 1-24	Net Each 25-99
1N935	4.30	4.05	1N937/B	9.65	9.05
1N935/A	4.65	4.40	1N938	9.65	9.05
1N935/B	5.30	5.00	1N938/A	10.45	9.80
1N936	5.00	4.70	1N938/B	13.95	13.10
1N936/A	6.00	5.60	1N939	22.60	21.25
1N936/B	7.00	6.55	1N939/A	29.25	27.50
1N937	8.00	7.50	1N939/B	32.60	30.60
1N937/A	8.65	8.15			

3/4 WATT — 9.3 VOLT REFERENCE DIODES

Type Number	Net Each 1-24	Net Each 25-99	Type Number	Net Each 1-24	Net Each 25-99
1N2620	4.65	4.40	1N2622/B	10.65	10.00
1N2620/A	5.00	4.70	1N2623	10.00	9.40
1N2620/B	5.65	5.30	1N2623/A	11.45	10.75
1N2621	5.25	4.95	1N2623/B	15.30	14.40
1N2621/A	6.35	5.95	1N2624	24.95	23.45
1N2621/B	7.65	7.20	1N2624/A	32.60	30.65
1N2622	8.65	8.15	1N2624/B	43.60	41.00
1N2622/A	9.30	8.75			

NEW! 1/2 WATT — 11.7 VOLT REFERENCE DIODES

Mfg. Type	NET EACH 1-24	NET EACH 25-99	Mfg. Type	NET EACH 1-24	NET EACH 25-99
1N941	5.65	5.30	1N943A	11.30	10.60
1N941A	5.95	5.60	1N943B	12.60	11.85
1N941B	6.90	6.50	1N944	12.60	11.85
1N942	6.45	6.05	1N944A	13.60	12.80
1N942A	7.75	7.30	1N944B	18.05	17.00
1N942B	9.10	8.55	1N945	29.25	27.50
1N943	10.35	9.75	1N945A	37.90	35.60
			1N945B	42.55	40.00

ZENER DIODES

NOTE: Standard tolerance on nominal zener voltage is $\pm 20\%$. Tolerances of $\pm 10\%$ and $\pm 5\%$ available as noted. For these tolerances suffix "10" or "5" to part no. Standard units have anode connected to base; for cathode to base units have "R" suffixed to standard part number. Average shpg. wt., 2 oz.

1/4 WATT SILICON ZENER DIODES

Motorola Type No.	Net Each 1-24	Net Each 25-99	Motorola Type No.	Net Each 1-24	Net Each 25-99
1/4M6.8Z	2.25	2.10	1/4M39Z	3.00	2.80
1/4M7.5Z	2.25	2.10	1/4M43Z	3.00	2.80
1/4M8.2Z	2.25	2.10	1/4M45Z	3.00	2.80
1/4M9.1Z	2.25	2.10	1/4M47Z	3.00	2.80
1/4M10Z	2.25	2.10	1/4M50Z	3.00	2.80
1/4M11Z	2.25	2.10	1/4M52Z	3.00	2.80
1/4M12Z	2.25	2.10	1/4M56Z	3.00	2.80
1/4M13Z	2.25	2.10	1/4M62Z	3.00	2.80
1/4M14Z	2.25	2.10	1/4M68Z	3.00	2.80
1/4M15Z	2.25	2.10	1/4M75Z	3.00	2.80
1/4M16Z	2.25	2.10	1/4M82Z	3.00	2.80
1/4M17Z	2.25	2.10	1/4M91Z	3.00	2.80
1/4M18Z	2.25	2.10	1/4M100Z	3.00	2.80
1/4M19Z	2.25	2.10	1/4M105Z	3.00	2.80
1/4M20Z	2.25	2.10	1/4M110Z	3.00	2.80
1/4M22Z	2.25	2.10	1/4M120Z	3.00	2.80
1/4M24Z	2.25	2.10	1/4M130Z	3.00	2.80
1/4M25Z	2.25	2.10	1/4M140Z	3.00	2.80
1/4M27Z	2.25	2.10	1/4M150Z	3.00	2.80
1/4M30Z	3.00	2.80	1/4M175Z	3.00	2.80
1/4M33Z	3.00	2.80	1/4M200Z	3.00	2.80
1/4M36Z	3.00	2.80			
1/4M6.8Z10 thru 1/4M27Z10*				2.80	2.60
1/4M30Z10 thru 1/4M20Z10*				3.70	3.50
1/4M6.8Z5 thru 1/4M27Z5*				4.25	4.00
1/4M30Z5 thru 1/4M20Z5*				4.65	4.35

* $\pm 10\%$ tolerance
† $\pm 5\%$ tolerance

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This new Semiconductor and Industrial Catalog is yours for the asking. Lists characteristics, design specifications, applications, and circuits for the semiconductor devices listed on this page. Also includes many other devices of importance to industry. This catalog, designed for industrial users, is an invaluable reference guide. Write for your free copy of BK-1300.

3/4 WATT SILICON ZENER DIODES

Motorola Type No.	Net Each 1-24	Net Each 25-99	Motorola Type No.	Net Each 1-24	Net Each 25-99
3/4M6.8Z	3.30	3.10	3/4M39Z	3.65	3.45
3/4M7.5Z	3.30	3.10	3/4M43Z	3.65	3.45
3/4M8.2Z	3.30	3.10	3/4M45Z	3.65	3.45
3/4M9.1Z	3.30	3.10	3/4M47Z	3.65	3.45
3/4M10Z	3.30	3.10	3/4M50Z	3.65	3.45
3/4M11Z	3.30	3.10	3/4M52Z	3.65	3.45
3/4M12Z	3.30	3.10	3/4M56Z	3.65	3.45
3/4M13Z	3.30	3.10	3/4M62Z	3.65	3.45
3/4M14Z	3.30	3.10	3/4M68Z	3.65	3.45
3/4M15Z	3.30	3.10	3/4M75Z	3.65	3.45
3/4M16Z	3.30	3.10	3/4M82Z	3.65	3.45
3/4M17Z	3.30	3.10	3/4M91Z	3.65	3.45
3/4M18Z	3.30	3.10	3/4M100Z	3.65	3.45
3/4M19Z	3.30	3.10	3/4M105Z	4.05	3.80
3/4M20Z	3.30	3.10	3/4M110Z	4.05	3.80
3/4M22Z	3.30	3.10	3/4M120Z	4.05	3.80
3/4M24Z	3.30	3.10	3/4M130Z	4.05	3.80
3/4M25Z	3.30	3.10	3/4M140Z	4.05	3.80
3/4M27Z	3.30	3.10	3/4M150Z	4.05	3.80
3/4M30Z	3.65	3.45	3/4M175Z	4.05	3.80
3/4M33Z	3.65	3.45	3/4M200Z	4.05	3.80
3/4M36Z	3.65	3.45			

3/4M6.8Z10 thru 3/4M27Z10*	3.70	3.50
3/4M30Z10 thru 3/4M20Z10*	5.20	4.90
3/4M105Z10 thru 3/4M20Z10*	6.00	5.60
3/4M6.8Z5 thru 3/4M27Z5*	5.40	5.05
3/4M30Z5 thru 3/4M20Z5*	6.80	6.40
3/4M105Z5 thru 3/4M20Z5*	8.90	8.40

* $\pm 10\%$ tolerance
† $\pm 5\%$ tolerance

1 WATT SILICON ZENER DIODES

Motorola Type No.	Net Each 1-24	Net Each 25-99	Motorola Type No.	Net Each 1-24	Net Each 25-99
1M6.8Z	3.85	3.65	1M39Z	3.85	3.65
1M7.5Z	3.85	3.65	1M43Z	3.85	3.65
1M8.2Z	3.85	3.65	1M45Z	3.85	3.65
1M9.1Z	3.85	3.65	1M47Z	3.85	3.65
1M10Z	3.85	3.65	1M50Z	3.85	3.65
1M11Z	3.85	3.65	1M52Z	3.85	3.65
1M12Z	3.85	3.65	1M56Z	3.85	3.65
1M13Z	3.85	3.65	1M62Z	4.10	3.90
1M14Z	3.85	3.65	1M68Z	4.10	3.90
1M15Z	3.85	3.65	1M75Z	4.10	3.90
1M16Z	3.85	3.65	1M82Z	4.10	3.90
1M17Z	3.85	3.65	1M91Z	4.10	3.90
1M18Z	3.85	3.65	1M100Z	4.10	3.90
1M19Z	3.85	3.65	1M105Z	4.80	4.50
1M20Z	3.85	3.65	1M110Z	4.80	4.50
1M22Z	3.85	3.65	1M120Z	4.80	4.50
1M24Z	3.85	3.65	1M130Z	4.80	4.50
1M25Z	3.85	3.65	1M140Z	4.80	4.50
1M27Z	3.85	3.65	1M150Z	4.80	4.50
1M30Z	3.85	3.65	1M175Z	4.80	4.50
1M33Z	3.85	3.65	1M200Z	4.80	4.50
1M36Z	3.85	3.65			

1M6.8Z10 thru

MOTOROLA—ZENER DIODES—GLENNITE THERMISTORS

ZENER DIODES

NOTE: Standard tolerance on nominal zener voltage is $\pm 20\%$. Tolerances of $\pm 10\%$ and $\pm 5\%$ available as noted. For these tolerances suffix "10" or "5" to part no. Standard units have anode connected to base; for cathode to base units have "R" suffixed to standard part number. Average shpg. wt., 2 oz.

1.5 WATT SILICON ZENER DIODES

Motorola Type No.	Net Each 1-24	25-99	Motorola Type No.	Net Each 1-24	25-99
1.5M6.8Z	4.25	4.00	1.5M39Z	4.25	4.00
1.5M7.5Z	4.25	4.00	1.5M43Z	4.25	4.00
1.5M8.2Z	4.25	4.00	1.5M45Z	4.25	4.00
1.5M9.1Z	4.25	4.00	1.5M47Z	4.25	4.00
1.5M10Z	4.25	4.00	1.5M50Z	4.25	4.00
1.5M11Z	4.25	4.00	1.5M52Z	4.25	4.00
1.5M12Z	4.25	4.00	1.5M56Z	4.25	4.00
1.5M13Z	4.25	4.00	1.5M62Z	4.25	4.00
1.5M14Z	4.25	4.00	1.5M68Z	4.25	4.00
1.5M15Z	4.25	4.00	1.5M75Z	4.25	4.00
1.5M16Z	4.25	4.00	1.5M82Z	4.25	4.00
1.5M17Z	4.25	4.00	1.5M91Z	4.25	4.00
1.5M18Z	4.25	4.00	1.5M100Z	4.25	4.00
1.5M19Z	4.25	4.00	1.5M105Z	5.40	5.05
1.5M20Z	4.25	4.00	1.5M110Z	5.40	5.05
1.5M22Z	4.25	4.00	1.5M120Z	5.40	5.05
1.5M24Z	4.25	4.00	1.5M130Z	5.40	5.05
1.5M25Z	4.25	4.00	1.5M140Z	5.40	5.05
1.5M27Z	4.25	4.00	1.5M150Z	5.40	5.05
1.5M30Z	4.25	4.00	1.5M175Z	5.40	5.05
1.5M33Z	4.25	4.00	1.5M200Z	5.40	5.05
1.5M36Z	4.25	4.00			

1.5M6.2Z10 thru 1.5M56Z10*	6.00	5.65
1.5M6.2Z10 thru 1.5M100Z10*	6.50	6.15
1.5M105Z10 thru 1.5M200Z10*	8.80	8.25
1.5M6.8Z5 thru 1.5M56Z5†	7.85	7.40
1.5M6.8Z5 thru 1.5M100Z5†	8.80	8.25
1.5M105Z5 thru 1.5M200Z5†	10.50	9.90

* $\pm 10\%$ tolerance
† $\pm 5\%$ tolerance

10 WATT SILICON ZENER DIODES

Motorola Type No.	Net Each 1-24	25-99	Motorola Type No.	Net Each 1-24	25-99
10M6.8Z	5.85	5.50	10M39Z	5.85	5.50
10M7.5Z	5.85	5.50	10M43Z	5.85	5.50
10M8.2Z	5.85	5.50	10M45Z	5.85	5.50
10M9.1Z	5.85	5.50	10M47Z	5.85	5.50
10M10Z	5.85	5.50	10M50Z	5.85	5.50
10M11Z	5.85	5.50	10M52Z	5.85	5.50
10M12Z	5.85	5.50	10M56Z	5.85	5.50
10M13Z	5.85	5.50	10M62Z	5.85	5.50
10M14Z	5.85	5.50	10M68Z	5.85	5.50
10M15Z	5.85	5.50	10M75Z	5.85	5.50
10M16Z	5.85	5.50	10M82Z	5.85	5.50
10M17Z	5.85	5.50	10M91Z	5.85	5.50
10M18Z	5.85	5.50	10M100Z	5.85	5.50
10M19Z	5.85	5.50	10M105Z	6.45	6.05
10M20Z	5.85	5.50	10M110Z	6.45	6.05
10M22Z	5.85	5.50	10M120Z	6.45	6.05
10M24Z	5.85	5.50	10M130Z	6.45	6.05
10M25Z	5.85	5.50	10M140Z	6.45	6.05
10M27Z	5.85	5.50	10M150Z	6.45	6.05
10M30Z	5.85	5.50	10M175Z	6.45	6.05
10M33Z	5.85	5.50	10M200Z	6.45	6.05
10M36Z	5.85	5.50			

10M6.8Z10 thru 10M150Z10*	7.65	7.20
10M10Z10 thru 10M200Z10*	10.45	9.80
10M6.8Z5 thru 10M150Z5†	9.90	9.30
10M10Z5 thru 10M200Z5†	15.90	14.95

* $\pm 10\%$ tolerance
† $\pm 5\%$ tolerance

MOTOROLA POWER TRANSISTOR MOUNTING KITS

Neatly assembled power transistor mounting kits for popular diamond shaped power transistors. Shpg. wt., 4 oz.
MK-10 Kit with teflon coated fiberglass insulating washer.
MK-15 Same as above but with mica insulating washer.
MK-20 Same as above, but with anodized aluminum insulating washer.

Type	Net 1-24	Net 25-99	Net 100-249
MK-10	.25	.20	.18
MK-15	.25	.20	.18
MK-20	.45	.40	.35

ZENER DIODES

JEDEC TYPE 10 WATT SILICON RECTIFIERS 10 WATT SILICON ZENER DIODES

Jedec Type Number	Net Each		Jedec Type Number	Net Each	
	1-24	25-99		1-24	25-99
1N1806	8.50	8.15	1N1364	8.50	8.15
1N1807	8.50	8.15	1N1365	8.50	8.15
1N1807 (Sig. C.)	13.10	12.35	1N1366	8.50	8.15
1N1808	8.50	8.15	1N1367	8.50	8.15
1N1351	8.50	8.15	1N1368	8.50	8.15
1N1352	8.50	8.15	1N1369	8.50	8.15
1N1353	8.50	8.15	1N1370	8.50	8.15
1N1353 (Sig. C.)	13.10	12.35	1N1371	8.50	8.15
1N1354	8.50	8.15	1N1372	8.50	8.15
1N1355	8.50	8.15	1N1373	9.50	8.15
1N1356	8.50	8.15	1N1374	8.50	8.15
1N1357	8.50	8.15	1N1375	11.25	10.65
1N1358	8.50	8.15	1N1809	12.70	12.00
1N1358 (Sig. C.)	13.10	12.35	1N1810	12.70	12.00
1N1359	8.50	8.15	1N1811	12.70	12.00
1N1360	8.50	8.15	1N1812	12.70	12.00
1N1361	8.50	8.15	1N1813	12.70	12.00
1N1361 (Sig. C.)	13.10	12.35	1N1814	12.70	12.00
1N1362	8.50	8.15	1N1815	12.70	12.00
1N1363	8.50	8.15			

1N1351A thru 1N1374A*	10.70	10.15
1N1375A*	14.10	13.25
1N1806A thru 1N1808A*	10.70	10.15
1N1809A thru 1N1811A*	15.90	14.95
1N1812A thru 1N1815A*	19.15	18.00

* $\pm 10\%$ tolerance

FREE! LAFAYETTE INDUSTRIAL AND SEMICONDUCTOR CATALOG

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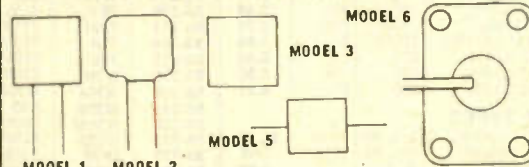
50 WATT SILICON ZENER DIODES

Motorola Type No.	NET EACH 1-24	25-99	Motorola Type No.	NET EACH 1-24	25-99
50M6.8Z	6.65	6.25	50M43Z	6.65	6.25
50M7.5Z			50M45Z		
50M8.2Z			50M47Z		
50M9.1Z			50M50Z		
50M10Z			50M51Z		
50M11Z			50M52Z		
50M12Z			50M56Z		
50M13Z			50M62Z		
50M14Z			50M68Z		
50M15Z			50M75Z		
50M16Z	50M82Z	6.65	6.25		
50M17Z	50M91Z				
50M18Z	50M100Z				
50M19Z	50M105Z				
50M20Z	50M110Z	7.45	7.00		
50M22Z	50M120Z				
50M24Z	50M130Z				
50M25Z	50M140Z				
50M27Z	50M150Z	7.45	7.00		
50M30Z	50M160Z				
50M33Z	50M175Z				
50M36Z	50M180Z				
50M39Z	50M200Z				

50M6.8Z10 thru 50M27Z10*	6.65	6.25	50M27Z10*	6.65	6.25
50M30Z10 thru 50M56Z10*			50M56Z10*		
50M6.2Z5 thru 50M27Z5†			50M27Z5†		
50M30Z5 thru 50M56Z5†			50M56Z5†		
50M6.2Z5 thru 50M100Z5†	6.65	6.25	50M100Z5†	6.65	6.25
50M30Z5 thru 50M200Z5†			50M200Z5†		
50M6.8Z10 thru 50M56Z10*				9.30	8.75
50M6.2Z10 thru 50M100Z10*				13.95	13.10
50M6.8Z5 thru 50M56Z5†				13.30	12.50
50M6.2Z5 thru 50M100Z5†				23.27	21.85

* $\pm 10\%$ tolerance
† $\pm 5\%$ tolerance

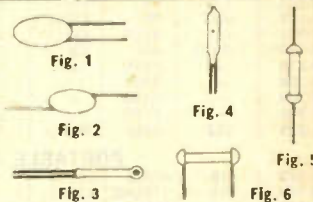
GLENNITE THERMISTORS



All resistances and temperature coefficients at 25°C. Dissipation measurements—suspended by leads in still air, except as noted.

WAFER—max. oper. temp. 150°C. Model Key (see illustration): (1) radial leads (2) radial leads; body coated with impregnated phenolic (3) without leads (5) axial leads (6) wafer on plate with lead. Avg. shpg. wt., 1 oz.

No.	Model	Ohms	Resis. Dissip. Temp. K	NET EACH			
				Coeff. / °C	MW / °C	1-9	10-25 up
11TE1	1	10 $\pm 10\%$	-3.9%	7.9	1.40	1.20	.95
11TE2	2	10 $\pm 10\%$	-3.9%	7.9	1.75	1.45	1.15
11TE3	3	10 $\pm 10\%$	-3.9%	7.9	1.00	.85	.65
11TE5	5	10 $\pm 10\%$	-3.9%	7.9	1.70	1.40	1.10
12TE1	1	20 $\pm 10\%$	-3.9%	4.7	1.40	1.20	.95
12TE2	2	20 $\pm 10\%$	-3.9%	4.7	1.75	1.45	1.15
15TE1	1	50 $\pm 10\%$	-3.9%	3.2	1.40	1.20	.95
15TE2	2	50 $\pm 10\%$	-3.9%	3.2	1.70	1.40	1.10
15TE3	3	50 $\pm 10\%$	-3.9%	3.2	.90	.75	.60
21TE1	1	100 $\pm 10\%$	-3.9%	2.5	1.30	1.05	.85
21TE2	2	100 $\pm 10\%$	-3.9%	2.5	1.65	1.35	1.10
21TE3	3	100 $\pm 10\%$	-3.9%	2.5	.85	.70	.55
21TE5	5	100 $\pm 10\%$	-3.9%	2.5	1.40	1.20	.95
21T01	1	100 $\pm 10\%$	-4.4%	7.8	1.40	1.20	.95
21T02	2	100 $\pm 10\%$	-4.4%	7.8	1.75	1.45	1.15
22T03	3	200 $\pm 10\%$	-4.4%	4.0	1.00	.85	.65
22T01	1	200 $\pm 10\%$	-4.4%	4.0	1.40	1.20	.95
22T02	2	200 $\pm 10\%$	-4.4%	4.0	1.75	1.45	1.15
22T05	5	200 $\pm 10\%$	-4.4%	4.0	1.70	1.40	1.10
25T01	1	500 $\pm 10\%$	-4.4%	3.0	1.40	1.20	.95
31T01	1	1000 $\pm 10\%$	-4.4%	2.6	1.30	1.05	.85
31T02	2	1000 $\pm 10\%$	-4.4%	2.6	1.65	1.35	1.10
31T03	3	1000 $\pm 10\%$	-4.4%	2.6	.85	.70	.55
31T05	5	1000 $\pm 10\%$	-4.4%	2.6	1.40	1.20	.95
35TF1	1	5000 $\pm 10\%$	-4.9%	4.3	2.10	1.75	1.40
35TF2	2	5000 $\pm 10\%$	-4.9%	4.3	2.45	2.00	1.60
35TF3	3	5000 $\pm 10\%$	-4.9%	4.3	1.70	1.40	1.10
35TF5	5	5000 $\pm 10\%$	-4.9%	4.3	2.30	1.95	1.55
45TG1	1	50K $\pm 10\%$	-5.4%	4.6	2.10	1.75	1.40
45TG2	2	50K $\pm 10\%$	-5.4%	4.6	2.45	2.00	1.60



BEAD—Max. oper. temp. 300°C. * leads tabbed—DC test. † not glass coated. Figure Key (see illustration): (1) radial leads (2) offset axial leads (3) in glass probe (4) in glass bulb (5) axial leads (6) adjacent axial leads. Avg. shpg. wt., 1 oz.

No.	Fig.	Ohms	Resis. Dissip. Temp. K	NET EACH			
				Coeff. / °C	MW / °C	1-9	10-24 up
32CH1	2	2000 $\pm 25\%$	-3.4%	0.1	4.00	3.35	2.65
32CH3*	2	2000 $\pm 25\%$	-3.4%	0.1	6.00	4.85	3.90
32CB1	1	2000 $\pm 20\%$	-3.9%	0.7	2.75	2.30	1.85
32CB2	2	2000 $\pm 20\%$	-3.9%	0.7	2.75	2.30	1.85
35CB1	1	5000 $\pm 20\%$	-3.9%	0.7	3.25	2.70	2.15
35CB2	2	5000 $\pm 20\%$	-3.9%	0.7	3.25	2.70	2.15

No.	Fig.	Ohms	Resis. Dissip. Temp. K	NET EACH			
				Coeff. / °C	MW / °C	1-9	10-24 up
32PB1	3	2000 $\pm 20\%$	-3.9%	1	3.00	2.50	2.00
32PB2	3	2000 $\pm 20\%$	-3.9%	1	3.00	2.50	2.00
51PAT	3	100,000 $\pm 15\%$	-4.6%	1	3.00	2.50	2.00

ROO—Max. oper. temp. 150°C. Lead length 1 3/8". Avg. shpg. wt., 1 oz.

BURGESS-RCA-EVEREADY BATTERIES

PORTABLE A TYPES

Lafayette Stock No.	"Eveready" No.	Burgess	R.C.A.	Dimensions in Inches L x W x H	Volt- age	Shpg. Wt. Lbs.	Net
BA-100	A100	230	VS336	1 1/2 diam. 2 1/2	1 1/2	1/4	\$.16
BA-101	720	2D	VS069	2 1/2 x 1 3/8 x 3 1/2	1 1/2	3/8	.84
BA-102	742	4F	VS004	2 1/2 x 2 1/2 x 3 1/2	1 1/2	1 3/8	1.15
BA-103	960P	8R	VS070	1 1/2 diam. 4 1/2	1 1/2	3/8	.60
BA-104	964	21R	VS236	1 1/2 diam. 4 1/2	1 1/2	3/8	.32
BA-105	764	D3	VS072	4 1/2 x 1 1/2 x 2 1/2	4 1/2	3/8	.95
BA-106	736	F3	VS067	3 1/2 x 1 1/2 x 4 1/2	4 1/2	1	.95
BA-107	746	G3	VS002	3 1/2 x 1 1/2 x 4 1/2	4 1/2	1 1/4	1.05
BA-108	718	2F4	VS010	3 1/2 x 2 3/4 x 5 1/2	6	2 1/4	2.73
BA-109	724	Z4	VS068	1 1/2 x 1 1/2 x 2 1/2	6	1	.70
BA-110	744	F4P1	VS009	2 1/2 x 2 1/2 x 3 1/2	6	1 3/8	1.16
BA-111	707	D5	VS315	2 1/2 x 2 1/2 x 2 1/2	7 1/2	3/4	1.05
BA-112	713	B5	VS129	3 1/2 x 1 1/2 x 2 1/2	7 1/2	3/8	1.58
BA-113	717	C5	VS065	2 1/2 x 1 1/2 x 3 1/2	7 1/2	1/2	1.05
BA-190	W353	2F	VS141	2 1/2 x 1 1/2 x 4 1/2	1 1/2	1 1/4	.77
BA-303	—	37	—	1 1/2 diam. 6 1/2	1 1/2	1	.65

PORTABLE B TYPES

BA-114	411	U10	VS083	1 x 1 1/2 x 1 1/2	15	1/2	\$.81
BA-115	417	K10	—	1 1/2 x 1 1/2 x 1 1/2	15	1/2	1.16
BA-116	504	Y10	—	5/8 x 1 1/2 x 1 1/2	15	1/2	.81
BA-117	412	U15	VS084	1 1/2 x 1 1/2 x 2	22 1/2	1/2	1.05
BA-118	420	K15	—	1 1/2 x 1 1/2 x 2 1/2	22 1/2	1/2	1.23
BA-119	505	Y15	—	5/8 x 1 1/2 x 1 1/2	22 1/2	1/2	1.05
BA-120	413	U20	VS085	1 1/2 x 1 1/2 x 2 1/2	30	1/2	1.23
BA-121	430	K20	—	1 1/2 x 1 1/2 x 2 1/2	30	1/2	1.51
BA-122	506	Y20	—	1 1/2 x 1 1/2 x 2 1/2	30	1/2	1.30
BA-123	507	Y20S	—	1 1/2 x 1 1/2 x 2 1/2	30	1/2	1.30
BA-124	415	U30	VS086	1 1/2 x 1 1/2 x 3 1/2	45	1/2	1.75
BA-125	455	XX30	VS055	2 1/2 x 1 1/2 x 3 1/2	45	1/2	2.08
BA-126	482	M30	VS013	3 1/2 x 2 1/2 x 5 1/2	45	1	2.70
BA-127	484	B30	VS012	3 1/2 x 2 1/2 x 5 1/2	45	3/8	3.29
BA-128	487	—	—	5 1/2 x 2 1/2 x 7 1/4	45	4/8	3.47
BA-129	738	Z30	VS015	3 x 2 1/2 x 4 1/2	45	1 1/4	2.76
BA-130	416	UX45	VS318	1 1/2 x 2 1/2 x 3 1/2	67 1/2	1/2	2.42
BA-131	457	K45	VS082	2 1/2 x 1 1/2 x 2 1/2	67 1/2	1/2	2.42
BA-132	467	XX45	VS016	2 1/2 x 1 1/2 x 3 1/2	67 1/2	1/2	2.42
BA-133	477	P45	VS218	1 1/2 x 1 1/2 x 5 1/2	67 1/2	1/2	2.17
BA-134	437	XX50	VS217	1 1/2 x 1 1/2 x 6 1/2	75	2/5	3.15
BA-135	479	P60	VS219	1 1/2 x 1 1/2 x 7 1/2	90	3/4	2.77
BA-136	490	N60	VS090	3 1/2 x 1 1/2 x 3 1/2	90	1	3.15
BA-137	495	N60X	VS316	1 1/2 x 1 1/2 x 7 1/2	90	1	3.47
BA-219	W359	A30	VS014	3 1/2 x 2 1/2 x 4 1/2	45	2 1/2	2.49
BA-319	—	P45M	—	1 1/2 x 1 1/2 x 5 1/2	67 1/2	1 1/2	2.75
BA-304	—	XX69	—	1 1/2 x 1 1/2 x 1 1/2	103 1/2	2	4.60
BA-305	—	N150	—	3 1/2 x 2 1/2 x 4 1/2	225	2 1/2	5.56
BA-306	—	U160	—	2 1/2 x 1 1/2 x 4 1/2	240	3 1/2	5.56
BA-225	493	U200	VS093	2 3/4 x 2 1/2 x 3 1/2	300	2	8.37

PORTABLE A-B TYPES

BA-143	729	4T260	VS064	1 1/2, 90	2 1/2	\$ 4.38
BA-144	759	176D60	VS022	15 1/2 x 4 1/2 x 6 1/2	16 1/4	7.95
BA-146	755	T5250	VS050	8 1/2 x 3 1/2 x 6 1/2	6, 7 1/2, 7 1/2	5.08
BA-148	753	F6A60	VS019	9 1/2 x 2 1/2 x 4 1/2	7 1/2, 9,	5.43
BA-149	756	T6Z60	VS057W	8 7/8 x 2 1/2 x 3 3/4	90, 4 1/2	4.87
BA-150	727	T6Z60P	VS059	8 7/8 x 2 1/2 x 3 3/4	9	5.22
BA-151	752	G6B60	VS047	14 1/2 x 2 1/2 x 4 1/2	9	6.48
BA-308	757	F6A60P	VS058	9 1/2 x 2 1/2 x 4 1/2	9-90	5.57

FLASHLIGHT, LANTERN BATTERIES General Purpose, Portable Lighting

BA-153	904	NE	VS073	0.445 Diam. x 1.180	1 1/2	1/2	.08
BA-154	912	7	VS074	1 1/2, Diam. x 1 3/4	1 1/2	1/2	.10
BA-155	915	Z	VS034	3/4, Diam. x 1 1/2	1 1/2	2/5	.13
BA-156	935	1	VS035	1 1/2, Diam. x 1 1/2	1 1/2	1/2	.13
BA-157	950	2	VS036	1 1/2, Diam. x 2 1/2	1 1/2	1/2	.13
BA-158	D-99	—	—	1 1/2, Diam. x 2 1/2	1 1/2	1/2	.16
BA-159	735	4FH	VS106	2 1/2 x 2 1/2 x 7 1/2	1 1/2	1 1/2	.84
BA-160	±6 lgn.	6 lgn.	VS006S	2 1/2, Diam. x 6 1/2	1 1/2	2 1/2	.84
BA-161	509	F4H	VS040C	2 1/2 x 2 1/2 x 4 1/2	1 1/2	1 1/2	.79
BA-162	510S	F4H	VS040S	2 1/2 x 2 1/2 x 4 1/2	1 1/2	1 1/2	.79
BA-163	731	TW1	VS317	5 1/2 x 2 1/2 x 4 1/2	6	3 1/2	1.83
BA-164	706	4F4H	VS103	8 1/2 x 2 1/2 x 6 1/2	6	5 1/2	4.01
BA-166	1462	—	—	5 1/2 x 5 1/2 x 7 1/2	6	9 1/2	4.01
BA-169	716	4F6H	VS140	8 1/2 x 4 1/2 x 6 1/2	9	3 1/2	5.53
BA-170	1662	—	—	7 1/2 x 5 1/2 x 7 1/2	9	14 1/2	5.53
BA-309	—	N	VS073	3/4, Diam. x 1 1/2	1 1/2	1	.08
BA-203	W357	4F2H	VS138	3 3/2 x 2 1/2 x 5 1/2	3	3 1/2	1.45
BA-310	510F	F45C	—	2 1/2 x 2 1/2 x 4 1/2	6	1 3/4	.79
BA-311	715	4F5H	VS139	7 1/2 x 3 1/2 x 5 1/2	7 1/2	8 1/2	4.86

TECH. MANUAL ON NICKEL CADMIUM BATTERIES

"Eveready" Battery Engineering Bulletin #8 for Technical Specifications and Recharging Instructions. Net .25

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Uses Electronic Flash Equipment... Hobby Equipment... other Heavy-Duty. Up to 10 times longer service life than standard cells in continuous high-drain use. Hermetically sealed... will not leak or corrode. More power in less space.

Lafayette Stock No.	"Eveready" No.	Dimensions (Diam.)	Voltage	Shpg. Weight Oz.	Net
BA-267	E94	1.328 x 1.188	1.5	1.8	.33
BA-268	E95	1.328 x 2.375	1.5	4.1	.49
BA-269	E97S	1.328 x 5.185	1.5	8 1/4	.73
BA-272	E91	.54 x 1.95	1.5	.9	.33

TRANSISTOR AND HEARING AID BATTERIES ENERGIZERS — CATHODE ENVELOPE TYPES

Lafayette Stock No.	"Eveready" No.	Burgess	R.C.A.	Dimensions in Inches L x W x H	Volt- age	Shpg. Wt. Lbs.	Net
BA-230	E9	—	VS313	.550 diam. x 1.968	1.4	1/8	.51
BA-242	E630	—	VS147	.615 diam. x .238	1.35	1/8	.28
BA-100	A100	230	VS336	1 1/2 diam. x 2 1/2	1.5	1/4	.16
BA-173	635	130	VS335	1 1/2 diam. x 1 1/2	1.5	1/4	.16
BA-174	1015	930	VS334	1 1/2 diam. x 1 1/2	1.5	1/4	.16
BA-237	E233	—	VS400	1 1/2 diam. x 1 1/2	4.2	1/2	1.80
BA-176	243	223	VS324	1 1/2 x 1 1/2 x 2 3/4	4 1/2	1/2	1.19
BA-236	E146	—	VS312	1 1/2 x 1 1/2 x 2	8.4	1/2	1.58
BA-178	216	2U6	VS323	1 1/2 x 1 1/2 x 1 1/2	9.0	1/2	.95
BA-179	226	P6M	VS300A	1 diam. x 1 1/2	9.0	1/2	.95
BA-180	246	2N6	VS305	1 1/2 x 1 1/2 x 2 3/4	9.0	1/2	1.30
BA-181	266	M6	VS322	1 1/2 x 1 1/2 x 2 1/2	9.0	1/2	1.05
BA-182	276	D6	VS306	2 1/2 x 2 1/2 x 3 1/2	9.0	1	1.26
BA-183	2506	DXP1	VS301	8 x 2 1/2 x 1 1/2	9.0	1 1/2	1.76
BA-184	239	XX9	VS304	1 1/2 x 1 1/2 x 2 1/2	13 1/2	1 1/2	1.05
BA-185	2731	—	VS321	2 1/2 x 1 1/2 x 8 1/2	4 1/2	3	1.93
BA-187	2356	C6X	—	2 1/2 x 1 1/2 x 6 1/2	9.0	1 1/4	1.10
BA-188	2761	D6S	—	2 1/2 x 1 1/2 x 7 1/2	9.0	1 1/2	1.58
BA-302	—	4D5	—	2 1/2 x 2 x 7 1/2	6	3	3.33
BA-318	226	P6	—	3 1/2 x 3 1/2 x 1 1/2	9	2	.95
BA-400	E177	—	VS309A	3/4 diam. x 1 1/2	9	3	1.37

INDUSTRIAL BATTERY TYPES

(For Radios, Electronic Equipment, Test Instruments and Other Applications)

Lafayette Stock No.	"Eveready" No.	Burgess	R.C.A.	Dimensions in Inches L x W x H	Volt- age	Shpg. Wt. Lbs.	Net
BA-190	W353	2F	VS141	2 1/2 x 1 1/2 x 4 1/2	1 1/2	3/4	.77
BA-200	W354	2FBP	VS101	2 1/2 x 1 1/2 x 4 1/2	1 1/2	3/4	.87
BA-201	W355	2BBP	—	1 1/2 x 1 1/2 x 2 1/2	1 1/2	1/2	1.16
BA-202	W356	2FBP	VS136	2 5/8 x 2 5/8 x 4 1/2	3	1 1/2	2.08
BA-203	W357	4F2H	VS138	3 7/8 x 2 1/2 x 5 1/2	3	2 3/4	1.45
BA-204	W371	222P1	—	1 1/2 x 1 1/2 x 2 1/2	3	1/2	.68
BA-205	750	422	VS134	1 1/2 x 1 1/2 x 2 1/2	3	1/2	.57
BA-206	703	532	VS133	2 1/2 x 1 1/2 x 3 1/2	4 1/2	1/2	.68
BA-207	761T	2370ST	VS130	4 1/2 x 1 1/2 x 3 1/2	4 1/2	7/8	1.33
BA-208	771	2370P1	VS030	3 1/2 x 1 1/2 x 3 1/2	4 1/2	7/8	1.58
BA-209	781	5360	VS028	2 1/2 x 1 1/2 x 3 1/2	4 1/2	1 1/4	.88
BA-210	W362	W5BP	—	2 1/2 x 1 1/2 x 1 1/2	7 1/2	1/2	1.47
BA-211	773	5540	VS029	3 1/2 x 2 1/2 x 3 1/2	7 1/2	1 1/2	1.65
BA-270	763	4156	VS102	3 1/2 x 2 1/2 x 2 1/2	+22 1/2	1 1/2	1.81
BA-213	766T	2156	—	6 3/4 x 4 1/2 x 3 1/2	+22 1/2	4 1/2	4.38
BA-214	768	5156P1	VS031	4 1/2 x 2 1/2 x 2 1/2	-22 1/2	1 1/2	3.12
BA-215	778	5156SC	VS131	4 1/2 x 2 1/2 x 3 1/2	-22 1/2	1 1/2	3.12
BA-216	W350	Z30NX	VS114	3 1/2 x 1 1/2 x 4 1/2	+22 1/2 +45	7/8	2.69
BA-218	W358	W30BPX	—	2 1/2 x 1 1/2 x 4 1/2	+45	1 1/2	2.49
BA-219	W359	A30	VS014	3 1/2 x 2 1/2 x 4 1/2	+45	1 1/2	2.49
BA-220	W363F	10308SC	VS127	8 1/2 x 4 1/2 x 7 1/2	+22 1/2 +45	10 1/4	4.84
BA-312	W352	F2BP	VS100	2 1/2 x 1 1/2 x 4 1/2	3	1 1/4	.79
BA-313	762S	5308	VS112	4 1/2 x 2 1/2 x 5 1/2	45	3 1/2	3.05
BA-314	455P	XX30E	—	2 1/2 x 1 1/2 x 4 1/2	45	2	2.10

ELECTRONIC PHOTOFLASH AND HIGH VOLTAGE TYPES

BA-225	493	U200	VS093	2 1/2 x 2 1/2 x 3 3/4	300	3 1/2	8.37
BA-226	497	U320	—	3 x 1 1/2 x 5 1/2	510	1 1/2	11.16

MERCURY ENERGIZERS

Lafayette Stock No.	"Eveready" No.	Mallory	R.C.A.	Dimensions in Inches L x W x H	Volt- age	Shpg. Weight Lbs.	Net
BA-227	E 1	RM-1R	VS143	0.625 Diam. x 0.650	1.35		

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- Replaces 2U6, 216, BL-006P and BA-2
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- Plays about 15 Hours on One Charging
- Battery Recharges Overnight
- Battery Can Be Used Over and Over Again
- Complete—Battery Plus Charger

Only **2.69**

The next best thing to a battery that will last a lifetime—this battery can be used for 1100 to 1500 hours of playing time, AND MORE. Its long life is based on 2 new features: 1. A fine storage battery that cannot have fluid leakage; 2. Recharges Overnight—just plug the battery into the charger, the charger into your electrical outlet. Let it charge for 10-12 hours . . . it cannot burn out on recharge. After charging, the battery is good for about 15 hours of playing time. When the battery runs down, just charge it up and it's ready to play. Will outlast more than 100 conventional batteries. 9V Battery complete with charger. Battery 1 7/8 x 1 3/8"; charger 3 3/8 x 1 1/2 x 7/8". Shpg. wt., 6 oz.

F-619 Battery and Charger
BA-8 Battery Replacement for above

Net 2.69
Net 1.95



LAFAYETTE BATTERIES

AT TREMENDOUS SAVINGS

These popular batteries are for Portable and Transistor radios, R/C equipment, experimenters, labs, and hobbyists, etc.

FRESH STOCK — BRAND NEW GUARANTEED

Here are six of the most popular types used and at

RIDICULOUSLY LOW PRICES

Stock No.	Voltage	Net Each	Lots 10	REPLACEMENTS FOR			
				RCA	Burgess	Eveready	Others
BA-1	67 1/2	1.59	1.49	VS215 VS216 VS218	P45 P45M	477	BL-M145
BA-2	9	.49	.44	VS312 VS323	2U6	216	BL-006F
BA-3	9	.59	.53	VS300A VS314	P6 P6M	226	BL-M106
BA-5	67 1/2	1.29	1.19	VS318	UX45	416	BL-045
BA-6	67 1/2	1.45	1.35	VS016	XX45	467	BL-145
BA-7	9	.59	.53	VS309A	3-177	Mal	TR-177



LAFAYETTE "B" BATTERY ELIMINATOR and CHARGER for TRANSISTOR RADIOS

2.95

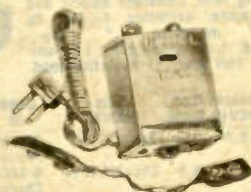


This simple "B" battery and eliminator has provision for replacing snap terminals on all 9-volt transistor batteries. Now when indoors you can operate your portable transistor set on regular 110V AC house current without using up your expensive "B" battery . . . Best of all you may also recharge your used battery for many extra hours of use. Complete with AC cord and assorted snap terminals to fit all 9-volt transistor batteries. Size: 3 1/2 x 3 3/8 x 2 1/2". Shpg. wt., 1 lb.

"B" BATTERY ELIMINATOR and CHARGER for PORTABLE RADIOS

- Adjustable Terminals

2.45



Features adjustable terminals that accept batteries with terminals 7/8" to 1 1/2" apart. Adaptor included permits use with batteries having terminals on 1/2" mtg. centers. Convenient switch for battery eliminator or charger. Replaces all snap terminal 67 1/2V. B batteries. When indoors you can operate set on regular 110V AC without using the battery. Also rejuvenates old batteries for many extra hours of use. Complete with AC cord and plug. Size: 1 7/8 x 2 1/2 x 1". Shpg. wt., 8 oz.

"B" BATTERY ELIMINATOR and CHARGER



2.45

Replaces Eveready 416, Burgess UX-45, and RCA VS 318 67 1/2V B batteries used in Radio Control units and many portables. Just plug in the AC cord and you can save your battery for outdoor use. Also recharges your battery. 110 volts. 3 1/2 x 1 3/8". Shpg. wt., 7 oz.

WILLARD RECHARGEABLE BATTERIES



Type 25-2. Rated at 2 volts for 21 ampere-hours. Original equipment in G.E. models 250 and 260. Size: 2 1/2 x 2 1/2 x 6". Shpg. wt., 3 1/2 lbs.

Type ER6 Photo-Flash Battery. Rated at 2 volts for 6 amp. hours. Up to 250 flashes per charge. Size: 1 1/4 x 2 3/8 x 4 1/4". Shpg. wt., 1 1/8 lbs.

BA-450 List 11.15 Net 8.93
BA-451 List 7.55 Net 6.11
Type ER-34-2. Rated at 2 volts for 34 ampere-hours. Size: 4 1/2 x 3 1/2 x 4 1/2". Shpg. wt., 5 1/2 lbs.
BA-452 List 14.85 Net 11.93

MALLORY MERCURY BATTERIES FOR TRANSISTOR APPLICATIONS

Stock No.	Mallory No.	Replaces Eveready	Replaces RCA	Volts	Shpg. Wt.	Net Ea.
BA-500	TR-140R	—	—	1.34	3 oz.	1.12
BA-501	TR-152R	—	—	2.5	2 oz.	.72
BA-502	TR-162R	—	—	2.5	3 oz.	.87
BA-503	TR-120R	—	—	2.5	3 oz.	1.10
BA-233	TR-132R	E-132	VS148	2.5	3 oz.	.84
BA-504	TR-113R	—	—	4.0	3 oz.	1.29
BA-505	TR-153R	—	—	4.0	2 oz.	.92
BA-506	TR-163R	—	VS163	4.0	3 oz.	1.10
BA-234	TR-133R	E-133	VS149	4.0	3 oz.	1.18
BA-237	TR-233R	E-233	VS400	4.0	9 oz.	1.80
BA-507	TR-114R	—	—	5.0	3 oz.	1.50
BA-508	TR-164R	E-164	—	5.0	3 oz.	1.53
BA-235	TR-134R	E-134	—	5.0	3 oz.	1.53
BA-509	TR-115R	—	—	6.5	3 oz.	1.64
BA-510	TR-165R	—	VS165	6.5	3 oz.	1.64
BA-511	TR-135R	—	—	6.5	4 oz.	1.85
BA-512	TR-145R	—	—	7.5	3 oz.	1.45
BA-513	TR-136R	—	—	8.0	5 oz.	2.30
BA-236	TR-146R	E-146	VS312	9.0	3 oz.	1.58

ELECTRONIC AND INDUSTRIAL APPLICATIONS

BA-227	RM-1R	E1	VS143	1.34	3 oz.	.38
BA-228	RM-3R	E3	—	1.34	3 oz.	.54
BA-229	RM-4R	E4	—	1.34	4 oz.	.69
BA-514	RM-4RT*	—	—	1.34	4 oz.	.77
BA-515	RM-4ZR	—	—	1.34	3 oz.	.58
BA-232	RM-12R	E12	VS144	1.34	3 oz.	.82
BA-516	RM-42R	—	—	1.34	10 oz.	2.25
BA-517	RM-42RT	—	—	1.34	10 oz.	2.30
BA-238	RM-400R	E400	VS145	1.34	1 oz.	.25
BA-239	RM-401R	E401	—	1.34	2 oz.	.34
BA-518	RM-450R	—	—	1.34	2 oz.	.34
BA-240	RM-502R	E502	—	1.34	3 oz.	.62
BA-519	RM 601R	—	—	1.34	3 oz.	.65
BA-241	RM-625R	E625	—	1.34	1 oz.	.30
BA-520	RM-625RT	—	—	1.34	1 oz.	.35
BA-242	RM-630R	E630	—	1.34	1 oz.	.28
BA-521	RM-640R	E640	VS150	1.34	2 oz.	.30
BA-230	ZM-9	E9	VS313	1.5	5 oz.	.51
BA-231	OM-9N	E9N	—	1.5	5 oz.	.54

* Indicates tab contacts

BURGESS BATTERIES FOR PORTABLE RECORDERS

Stock No.	Type	Volts	Shpg. wt.	Net
BA-315	2X7	10 1/2	1/2 lb.	1.82
BA-316	2X62X	1 1/2, 9	1/2 lb.	1.82
BA-317	3XX7	10 1/2	3/8 lb.	2.00



TEXAS INSTRUMENTS CARBON FILM RESISTORS

MOLDED DEPOSITED CARBON FILM RESISTORS

Precision carbon film resistors — tough molded coating — fully insulated. Full rated load at 70°C ambient. High degree of stability and reliability — Precision resistances — ± 1% tolerance — Meets or exceeds all requirements of Specification MIL-R-10509C for characteristic C.

Stock No.	TI Type No.	Ohms	Watts	Mil. Desig.	Max. Volt Recom.	NET EACH			
						1-24	25-99	100-249	
RS-200	CDM 1/8	10-24.9	1/8	RN60B	350	1.88	1.00	.73	.45
RS-201	CDM 1/8	25-49.9	1/8	RN60B	350	1.25	.67	.49	.30
RS-202	CDM 1/8	50-500	1/8	RN60B	350	1.08	.58	.42	.26
RS-203	CDM 1/8	501-500K	1/8	RN60B	350	1.02	.55	.40	.24
RS-204	CDM 1/8	501K-1M	1/8	RN60B	350	1.08	.58	.42	.26
RS-205	CDM 1/4	20-49.9	1/4	RN65B	500	1.05	.55	.40	.24
RS-206	CDM 1/4	50-500K	1/4	RN65B	500	.99	.52	.37	.22
RS-207	CDM 1/4	501K-1M	1/4	RN65B	500	1.05	.55	.40	.24
RS-208	CDM 1/2	10-49.9	1/2	RN70B	750	.96	.51	.37	.22
RS-209	CDM 1/2	50-2.2M	1/2	RN70B	750	.90	.48	.34	.20
RS-210	CDM 1/2	2.21M-5M	1/2	RN70B	750	1.08	.58	.41	.24
RS-211	CDM 1	10-99.9	1	RN75B	1000	1.44	.76	.58	.40
RS-212	CDM 1	100-4.99M	1	RN75B	1000	1.35	.72	.55	.38
RS-213	CDM 1	5M-10M	1	RN75B	1000	1.50	.80	.61	.41

MIL-LINE DEPOSITED CARBON FILM RESISTORS

Precision carbon film resistors. High degree of stability and reliability. Full rated load at 70°C ambient. Precision resistance ± 1% Tolerance. Exclusive tough multi-coat synthetic seal. Insulation resistance greater than 50,000 megohms. Withstand moisture, shock and abrasion. Meet or exceed all requirements of Specification MIL-R-10509B for Characteristic X.

Stock No.	TI Type No.	Ohms	Watts	Mil. Desig.	Max. Volt Recom.	NET EACH			
						1-24	25-99	100-249	
RS-25	CD 1/2MR	10-49.9	1/2	RN20X	750	.72	.38	.31	.23
RS-26	CD 1/2MR	50-2.2M	1/2	RN20X	750	.60	.32	.24	.15
RS-27	CD 1/2MR	2.21M-5M	1/2	RN20X	750	.83	.44	.32	.20
RS-214	CD 1R	10-99.9	1	RN25X	1000	1.05	.53	.41	.28
RS-215	CD 1R	100-4.99M	1	RN25X	1000	.90	.48	.35	.22
RS-216	CD 1R	5M-10M	1	RN25X	1000	.99	.53	.40	.27

GLASS TYPE CARBON FILM RESISTORS

Stock No.	TI Type No.	Ohms	Watts	Mil. Desig.	Max. Volt Recom.	NET EACH			
						1-24	25-99	100-249	
RS-217	CG-1/8	24.9	1/8	None	250	1.88	1.00	.73	.45
RS-218	CG-1/8	25-49.9	1/8	None	250	1.25	.67	.49	.30
RS-219	CG-1/8	50-500	1/8	None	250	1.08	.58	.42	.26
RS-220	CG-1/8	501-18.2K	1/8	None	250	1.02	.55	.40	.24
RS-221	CG-1/4	24.9	1/4	RN60B	350	1.05	.55	.40	.24
RS-222	CG-1/4	25-82.5K	1/4	RN60B	350	.99	.52	.37	.22

DECADE CHART OF MIL-BELL VALUES

These resistors are available in all the basic ohmage shown in this chart and in any multiple of 10 times these values up to 5 megohms. For example, you may order 10 ohms 100, 1000, 100,000 or 1 meg. When ordering specify stock no. and ohmage.

RESISTANCE CHART (Refer to above for stock no. and price)

10.0	13.3	17.8	23.7	31.6	42.2	56.2	75.0
10.2	13.7	18.2	24.3	32.4	43.2	57.6	76.8
10.5	14.0	18.7	24.9	33.2	44.2	59.0	78.7
10.7	14.3	19.1	25.5	34.0	45.3	60.4	80.6
11.0	14.7	19.6	26.1	34.8	46.4	61.9	82.5
11.3	15.0	20.0	26.7	35.7	47.5	63.4	84.5
11.5	15.4	20.5	27.4	36.5	48.7	64.9	86.6
11.8	15.8	21.0	28.0	37.4	49.9	66.5	88.7
12.1	16.2	21.5	28.7	38.3	51.1	68.1	90.7
12.4	16.5	22.1	29.4	39.2	52.3	69.8	93.1
12.7	16.9	22.6	30.1	40.2	53.6	71.5	95.3
13.0	17.4	23.2	30.9	41.2	54.9	73.2	97.6

TEXAS SILICON SENSITOR

SOLID STATE TEMPERATURE SENSING RESISTORS

• Temperature Compensating • Temperature Sensing
Used in countless applications from Geophysics to Missiles — Amplifiers — Power Supplies — Servos — Magnetic Amps — Computers — Telemetering.

Stock No.	TI Type No.	Watts	Body LxDiam.	NET EACH		
				1-49	249	500-999
RS-223	TM 1/4	1/4	0.585" x 0.2"	4.00	3.50	3.00
RS-224	TM 1/8	1/8	0.406" x 0.140"	5.00	4.50	4.00
RS-225	TC 1/8	1/8	TO-5 Trans. Pack	5.00	4.50	4.00

Temperature coefficient of 0.7%/°C. Available in following standard resistances, in ohms, ± 10% Tolerance.

100	150	220	330	470	560	820
120	180	270	390	500	680	1,000



IRC PW-10 POWER RESISTORS



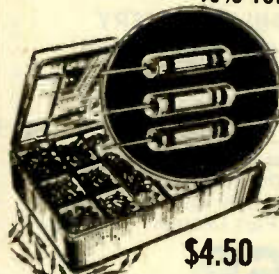
10 Watt wire wound resistors with axial leads. Rectangular ceramic body.

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
1	30	300	1000	3500	8500
2	40	350	1200	3900	9000
3	50	400	1250	4000	10,000
4	75	500	1500	4500	12,000
5	100	600	1750	5000	12,500
75	120	700	2000	6000	15,000
10	125	750	2250	7000	20,000
15	150	800	2500	7500	25,000
20	200	820	3000	8000	
25	250	900	3300	8200	

RS-107 Specify values Net each .35

SERVICEMEN'S SPECIALS— RESISTORS— SILICON, SELENIUM, COPPER SULPHIDE

A FABULOUS BUY! GENUINE Lafayette and ALLEN-BRADLEY Resistor Kit 10% TOLERANCE 1/2 WATT RMA Color Coded



\$4.50

100 INSULATED RESISTORS WITH PLASTIC HINGED BOX!



Lafayette leads the field with a genuine Allen Bradley and IRC 1/2 watt, 10% tolerance, molded resistor kit with a Transparent Plastic Utility Box (built in partitions) size: 8 1/4 x 4 1/4 x 1 3/8". Meet JAN-R-11 specifications.
Stock No. KI-23—Total 100 molded resistors with Transparent Plastic Case Net 4.50

Quant.	Ohms
3	100
4	470
4	1,000
3	2,200
4	4,700
5	10,000
4	22,000
4	27,000
4	33,000
4	47,000
10	.1 meg
4	.15 meg
4	.27 meg
10	.47 meg
10	1 meg
4	2.2 meg
20	Other popular values
100	TOTAL

HIGH DENSITY SELENIUM RECTIFIERS

• DIRECT REPLACEMENTS FOR TV & RADIO

Advanced design high density selenium rectifiers. Compact size plus high current capacity make these rectifiers ideal as universal replacements for radios, TV sets, high fidelity components, etc., and where space is limited. 130 VAC input; 380 max. peak inverse volts. All have solder lugs. Avg. shpg. wt. 4 oz.



Stock No.	Ma	Net of 10 Each	Stock No.	Ma	Net of 10 Each
RE-50	65-75	.42 .40	RE-53	350-400	1.19 1.11
RE-51	100-150	.52 .48	RE-54	450-500	1.28 1.19
RE-52	250-300	.98 .90	RE-55	550-600	1.58 1.47

SARKES TARZIAN SILICON RECTIFIER

Model 500 Cartridge type silicon rectifier that replaces all selenium rectifiers used in radio and TV up to 500 milliamperes. Has greater life and can withstand more heat. Mounts in standard fuse holder for 3AG fuse. Can take up to a maximum input of 280 volts AC. Size: 1" L x 1 1/2" diam.; ends — 1/4" diam. Shpg. wt., 3 ozs.



RE-39 Silicon Rectifier Lots of 10, each 1.45 Net 1.62
Model M-150 Same as above, but takes up to 150 Milliamps. Size: 1" L x 1 1/2". Shpg. wt., 3 ozs.
RE-40 Silicon rectifier Lots of 10, each .84 Net .93
EL-183 BUSS 4405 HOLDER FOR SINGLE M500 13
EL-184 BUSS 4408 DUAL HOLDER FOR TWO M500 24

INT'L RECTIFIER 750 Ma. RADIO & TV SILICON RECTIFIER



A silicon diode rectifier to replace all existing Radio and TV selenium rectifiers up to 750 milliamperes. Features eyelet construction for mounting and replaces selenium units without any need for conversion. Size: 1 1/2 x 1 1/2 x 1" overall. Shpg. wt., 9 ozs.

RE-21 Lots of 10, each 1.45 Singly 1.62
SILICON T.V. 502 COLOR T.V. REPLACEMENT
Rated 750MA @ 260V. Exact replacement for many color T.V. sets, also for doubler circuits in black and white sets. Size: 1 1/2 x 1 1/2 x 1". Shpg. wt., 9 ozs.
RE-38 Lots of 10, each 2.62 Singly 2.91

MALLORY MAGNESIUM-COPPER SULPHIDE RECTIFIERS

Single phase, full-erase all metal bridge type rectifiers. Self-healing rectifying film. Constant output and not affected by temperature extremes (—90° to +265°F). Type of mounting: * Insulated bolt; † insulated stud; ‡ grounded foot. J = universal mounting design. ** Full load; †† Resistive load. Cont = Continuous.



Stock No.	Mfr. No.	Input ACV**	Output DCV††	Cont. Amps.	Size HWXO	Used In	Wt. Lbs.	Net Each
RE-60	IB12R*	9.7	5.2	1.3	7/8x3/4x1 1/2"	Electric Fence	1/4	2.58
RE-61	IB12L5*	9.7	5.0	4.5	2 5/8x2 1/4x2 1/2"	6-SAC4-2 Charger	1/2	4.64
RE-62	IB12C5*	9.7	5.0	5.3	2 5/8x2 1/8x3"	6SAC6-3 Charger	3/4	5.85
RE-63	IB12C1J*	9.8	5.1	3.2	1 5/8x1 1/4x2 3/4"	3C, 6SAC4 Booster	3/4	4.74
RE-64	IS16CB7*	12.8	6.6	6.0	3x2 1/2x3 3/4"	5535B, 6SAC6	1 1/2	8.04
RE-65	IS16B7J	12.8	6.5	8.3	3x2 1/2x5 1/2"	IS16CB7M 6SAC10-2	2	8.89
RE-66	IS16B9J	12.7	6.4	11.6	4 1/4x3 1/2x5 1/2"	107, IS16B7M		
RE-67	F16C3†	13.0	6.8	3.9	2 1/4x1 3/4x3"	6SAC-10	3	10.12
RE-68	IS24C7J	19.4	10.1	4.0	3 3/4x2 1/2x4 3/4"	5535 12SAC5-2	1	6.99
							2 1/2	10.09

MALLORY POWER RESISTORS

MALLORY VITREOUS ENAMEL FIXED POWER RESISTORS

Master Chart Resistance Values For Fixed Type Resistors. Specify Stock No. and Ohmage On Your Order.

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
1	25*	250*	1000*	3500*	10,000*	22,500
1.5	30	300*	1100	4000*	11,000	25,000*
2	35	350	1200	4500*	12,000	30,000*
3	40	400*	1250*	5000*	12,500*	35,000*
4	50*	450	1500*	6000*	13,500	40,000*
5*	75*	500*	1750*	7000	14,300	45,000
7.5	100*	600	2000*	7500*	15,000*	50,000*
10*	125	700	2250*	8000	16,000	75,000*
12	150*	750*	2500*	8200	17,500	100,000*
15*	200*	800	2750*	8500	18,000	
20	225	900	3000*	9000	20,000*	

MALLORY POWER RESISTORS

Mallory power resistors are the finest quality wire-wound on ceramic cores. They are covered with baked-on vitreous enamel and give full wattage dissipation. Leads or lugs are firmly imbedded. Consult listings below and master charts for ohmages available in each type. BE CERTAIN YOUR ORDER SPECIFIES BOTH OUR STOCK NO. AND OHMAGE DESIRED.

TYPE HHJ-5 WATT FIXED

Available in all ohmages in chart through 5000 ohms except 225 and 2750. Has both lugs and wire leads. Tube size $\frac{3}{8} \times 1\frac{1}{2}$ ". Tolerance $\pm 5\%$ on all values above 10 ohms, others $\pm 10\%$. Shpg. wt., 3 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-49	50-99	100-249	250-499
RS-110	1-1000	.39	.34	.28	.24
RS-111	1100-5000	.42	.36	.30	.255

TYPE 1HJ-10 WATT FIXED

Available in all ohmages in master chart thru 50,000 ohms, except 1.5 and 2750 ohms. Has both lugs and wire leads. Tube size $\frac{3}{8} \times 1\frac{1}{2}$ ". Tolerance $\pm 5\%$ on all values above 10 ohms, others $\pm 10\%$. Shpg. wt., 4 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-49	50-99	100-249	250-499
RS-112	1-1000	.43	.35	.29	.27
RS-113	1100-5000	.44	.365	.31	.27
RS-114	6000-10,000	.49	.395	.34	.285
RS-115	11,000-20,000	.57	.455	.38	.315
RS-116	22,500-50,000	.72	.58	.46	.39

TYPE 2HJ-20 WATT FIXED

Available in all ohmages in chart marked * Has both lugs and wire leads. Tube size $\frac{3}{8} \times 2$ ". Tolerance $\pm 5\%$. Shpg. wt., 4 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-49	50-99	100-249	250-499
RS-117	5-1000	.48	.385	.33	.28
RS-118	1250-5000	.49	.395	.34	.29
RS-119	6000-10000	.55	.45	.385	.33
RS-120	12500-20000	.58	.47	.405	.34
RS-121	25000-40000	.70	.565	.49	.43
RS-122	50,000	.83	.69	.55	.48
RS-123	75,000	.88	.72	.58	.50
RS-124	100,000	.94	.76	.62	.53

TYPE 5HJ-50 WATT FIXED

Available in all ohmages in chart marked with +. Tube size $\frac{3}{8} \times 4$ ". Lug terminals. 2 mtg. feet furnished. Tolerance $\pm 5\%$. Shpg. wt., 5 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	Net Each in Lots of		
		1-49	50-99	100-249
RS-125	10-1000	.69	.555	.475
RS-126	1500-5000	.71	.57	.485
RS-127	7500-10000	.73	.62	.525
RS-128	12,500-20,000	.76	.68	.58
RS-129	25,000-40,000	.97	.86	.66
RS-130	50,000	1.10	.96	.73
RS-131	75,000	1.27	.99	.83
RS-132	100,000	1.39	1.06	.88

TYPE 10HJ-100 WATT FIXED

Available only in ohmages listed below. Tube size $\frac{3}{8} \times 6\frac{1}{2}$ ". Tolerance $\pm 5\%$. Lug terminals. 2 mtg. feet supplied. Shpg. wt., 1 lb.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	Net Each in Lots of		
		1-49	50-99	100-249
RS-133	25, 50, 100, 150, 250	1.04	.79	.655
RS-133	500, 750, 1000	1.10	.79	.655
RS-134	1500, 2K, 2500, 5K	1.10	.85	.705
RS-135	7500, 10000	1.14	.88	.73
RS-136	15000, 20000	1.28	.95	.805
RS-137	25K, 30K, 40K	1.40	1.11	.94
RS-138	50,000	1.49	1.17	1.00
RS-139	75,000	1.66	1.31	1.12
RS-140	100,000	1.88	1.48	1.265

TYPE 20HJ-200 WATT FIXED

Available only in ohmages listed below. Tube size $1\frac{1}{8} \times 10\frac{1}{2}$ ". Tolerance $\pm 5\%$. Lug terminals. 2 mtg. feet supplied. Shpg. wt., 1 lb.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	NET EACH	
		1-49	50-99
RS-141	25, 50, 75, 100, 250, 500, 750, 1K	1.92	1.56
RS-142	1500, 2000, 2500, 3000, 5000	1.83	1.47
RS-143	7500, 10000	2.06	1.68
RS-144	20000	2.20	1.79
RS-145	30000, 40000	2.26	1.84
RS-146	50000	2.32	1.90
RS-147	75,000	2.48	2.02
RS-148	100,000	2.63	2.15

MALLORY VARIABLE RESISTORS

Same fine quality and construction as the fixed types, but with an exposed section of winding to provide tapping-off of resistance values from 0 to the max. value of the resistor. All with lug terminals, tolerance $\pm 10\%$, each supplied with 2 mtg. feet and one adjustable clip. Consult listings below and master chart for ohmages available in each type. BE CERTAIN TO SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER.

MASTER CHART OF VALUES FOR VARIABLE RESISTORS

Ohms	Ohms	Ohms	Ohms	Ohms
1*	75*	750*	4000*	12,000*
2	100*	800	4500	15,000*
3*	150*	1000*	5000*	20,000*
5*	200*	1250*	6000*	25,000*
7.5	250*	1500*	7000	30,000*
10*	300*	2000*	7500*	35,000
15*	350	2250*	8000	40,000*
20	400*	2500*	8500	50,000*
25*	500*	3000*	9000	75,000
50*	600	3500*	10,000*	

TYPE 1AV-10-WATT VARIABLE

Available in all ohmages in chart through 10,000 ohms. Tube size $\frac{3}{8} \times 1\frac{3}{4}$ ". Shpg. wt., 3 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	NET EACH IN LOTS OF		
		1-49	50-99	100-249 250-499
RS-149	1-1000	.71	.55	.45 .37
RS-150	1250-5000	.73	.57	.49 .40
RS-151	6000-10000	.76	.65	.55 .45

TYPE 2AV-25-WATT VARIABLE

Available in all ohmages in chart marked with * Tube size $\frac{3}{8} \times 2$ ". Shpg. wt., 5 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-49	50-99	100-249	250-499
RS-152	1-1000	1.20	.96	.78	.675
RS-153	1250-5000	1.21	.97	.79	.685
RS-154	6000-10000	1.22	.98	.795	.695
RS-155	12000-20000	1.28	1.02	.82	.71
RS-156	25000	1.29	1.05	.84	.73

TYPE 5AV-50 WATT VARIABLE

Available in all ohmages in chart marked with + Tube size $\frac{3}{8} \times 4$ ". Shpg. wt., 5 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-49	50-99	100-249	250-499
RS-157	5-1000	1.31	1.06	.86	.745
RS-158	1250-5000	1.35	1.08	.88	.76
RS-159	7500-10000	1.38	1.10	.90	.78
RS-160	15000-20000	1.41	1.13	.92	.80
RS-161	25000-40000	1.51	1.21	.98	.85
RS-162	50000	1.55	1.24	1.02	.88

TYPE 10AV-100 WATT VARIABLE

Available only in ohmages listed below. Tube size $\frac{3}{8} \times 6\frac{1}{2}$ ". Shpg. wt., 1 lb.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	NET EACH IN LOTS OF	
		1-49	50-99 100-249
RS-163	50, 100, 500, 1000	1.44	1.13 .92
RS-164	2K, 2500, 3K, 4K, 5K	1.48	1.16 .95
RS-165	7500, 10K	1.56	1.23 .99
RS-166	15000, 20000	1.66	1.28 1.05
RS-167	25K, 30K, 35K, 40K	1.76	1.36 1.11
RS-168	50000	1.86	1.46 1.20
RS-169	75000	1.94	1.53 1.27
RS-170	100000	2.03	1.62 1.35

TYPE 20 AV-200 WATT VARIABLE

Available only in ohmages listed below. Tube size $1\frac{1}{8} \times 10\frac{1}{2}$ ". Shpg. wt., 1 lb.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-49	50-99
RS-171	50, 100, 500, 1000	2.77	2.16
RS-172	1500, 2K, 2500, 5K	2.79	2.18
RS-173	10000	2.82	2.20
RS-174	20000	2.85	2.23
RS-175	25K, 30K	2.96	2.32
RS-176	50000	3.31	2.73
RS-177	75000	3.41	2.84
RS-178	100000	3.52	2.95

EXTRA MOUNTING FEET

Stock No.	Type	For Use With	Net Ea.
RS-179	30V	5 and 10 Watt	.06
RS-180	31V	25 and 50 Watt	.07
RS-181	32V	200 Watt	.07
RS-182	33V	100 Watt	.07

EXTRA ADJUSTABLE CLIPS

Stock No.	Type	For Use With	Net Ea.
RS-183	1V	10 Watt	.23
RS-184	3V	25 and 50 Watt	.23
RS-185	4V	100 Watt	.23
RS-186	6V	200 Watt	.30

CLAROSTAT SERIES 58 3 WATT CONTROLS

Linear, wire, wound, highly stable, smooth operation. Shaft $1\frac{1}{2}$ " long, $\frac{3}{8}$ " bushing, $\frac{1}{4}$ " diam. wt., 4 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Type	Ohms	Net	Stock No.	Type	Ohms	Net
VD-350	58-1	1	.91	VD-366	58-400	400	.91
VD-351	58-2	2	.91	VD-367	59-500	500	.91
VD-352	58-4	4	.91	VD-368	58-750	750	.91
VD-353	58-6	6	.91	VD-369	58-1000	1K	.91
VD-354	58-10	10	.91	VD-370	58-1500	1.5K	.91
VD-355	58-15	15	.91	VD-371	58-2000	2K	.91
VD-356	58-20	20	.91	VD-372	58-3000	3K	.91
VD-357	58-25	25	.91	VD-373	58-5000	5K	.91
VD-358	58-30	30	.91	VD-374	58-7500	7.5K	.91
VD-359	58-40	40	.91	VD-375	58-10K	10K	.91
VD-360	58-50	50	.91	VD-376	58-15K	15K	1.18
VD-361	58-60	60	.91	VD-377	58-20K	20K	1.18
VD-362	58-75	75	.91	VD-378	58-25K	25K	1.18
VD-363	58-100	100	.91	VD-379	58-30K	30K	1.59
VD-364	58-200	200	.91	VD-380	58-40K	40K	1.59
VD-365	58-300	30					

RESISTORS



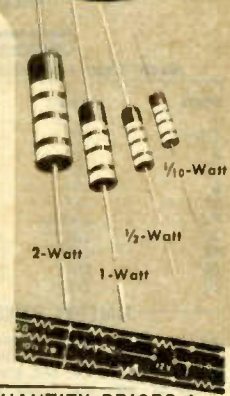
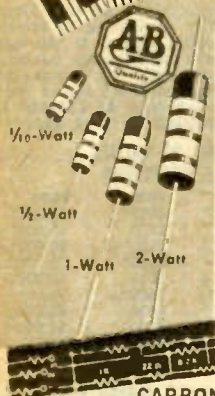
OHMITE



ALLEN-BRADLEY AND IRC RESISTORS

MASTER CHART EIA (RETMA) VALUES — SPECIFY RESISTANCE WANTED

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Megs	Megs	Megs
0.24	1.1	5.1	24	110	510	2400	11,000	51,000	0.24	1.1	5.1	
0.27*	1.2*	5.6*	27*	120*	560*	2700*	12,000*	56,000*	0.27*	1.2*	5.6*	
0.30	1.3	6.2	30	130	620	3000	13,000	62,000	0.30	1.3	6.2	
0.33*	1.5*	6.8*	33*	150*	680*	3300*	15,000*	68,000*	0.33*	1.5*	6.8*	
0.36	1.6	7.5	36	160	750	3600	16,000	75,000	0.36	1.6	7.5	
0.39*	1.8*	8.2*	39*	180*	820*	3900*	18,000*	82,000*	0.39*	1.8*	8.2*	
0.43	2.0	9.1	43	200	910	4300	20,000	91,000	0.43	2.0	9.1	
0.47*	2.2*	10*	47*	220*	1000*	4700*	22,000*	0.1 meg*	0.47*	2.2*	10*	
0.51	2.4	11	51	240	1100	5100	24,000	0.11 meg	0.51	2.4	11	
0.56*	2.7*	12*	56*	270*	1200*	5600*	27,000*	0.12 meg*	0.56*	2.7*	12*	
0.62	3.0	13	62	300	1300	6200	30,000	0.13 meg	0.62	3.0	13	
0.68*	3.3*	15*	68*	330*	1500*	6800*	33,000*	0.15 meg*	0.68*	3.3*	15*	
0.75	3.6	16	75	360	1600	7500	36,000	0.16 meg	0.75	3.6	16	
0.82*	3.9*	18*	82*	390*	1800*	8200*	39,000*	0.18 meg*	0.82*	3.9*	18*	
0.91	4.3	20	91	430	2000	9100	43,000	0.20 meg	0.91	4.3	20	
1.0*	4.7*	22*	100*	470*	2200*	10,000*	47,000*	0.22 meg*	1.0*	4.7*	22*	



ALLEN-BRADLEY AND IRC RESISTORS

CARBON TYPES

Molded, insulated resistors that meet rigid MIL-R11B specifications. EIA (RETMA) color coded. Brand new factory fresh stock with full length leads. Sizes: 140LX.067" (1/10 watt); 1/4LX" (1/2 watt); 1/2LX" (1 watt); 3/4LX" (2 watt). 10% TOLERANCE available within limits of ranges listed below and in sizes shown in master chart with asterisk.

Stock No.	Watts	Range	Net Ea.	10 For
RS-24	1/10	10 ohms to 1 meg	.24	1.50
RS-10	1/2	10 ohms to 22 megs	.07	.56
RS-11	1	10 ohms to 22 megs	.09	.74
RS-12	2	100 ohms to 22 megs	.15	1.36

5% TOLERANCE Available within limits of ranges below, in all sizes shown in master chart.

Stock No.	Watts	Range	Net Ea.	10 For
RS-13	1/2	10 ohms to 22 megs	.20	1.50
RS-14	1	10 ohms to 22 megs	.30	2.30
RS-15	2	100 ohms to 22 megs	.40	3.50

WIREWOUND TYPES

IRC type BW. Will stand 50% to 100% overloads with little resistance change. Sizes: (1/2 watt) 3/4LX" (1 watt) 1 1/4LX" (2 watt) 1 3/4LX". 10% TOLERANCE available within limits of ranges below in sizes with asterisk in master chart.

Stock No.	Watts	Range	Net Ea.	10 For
RS-16	1/2	0.27 to 8.2 ohms	.24	.19
RS-17	1/2	10 to 820 ohms	.20	.16
RS-18	1	0.47 to 4700 ohms	.30	.24
RS-19	2	1.0 to 8200 ohms	.40	.31

5% TOLERANCE available within limits of ranges below in all sizes in master chart.

Stock No.	Watts	Range	Net Ea.	10 For
RS-20	1/2	0.24 to 9.1 ohms	.48	.38
RS-21	1/2	10 to 820 ohms	.30	.24
RS-22	1	0.47 to 5100 ohms	.45	.35
RS-23	2	1.0 to 8200 ohms	.60	.47

INDUSTRIAL QUANTITY PRICES

Special prices for quantity purchases. Minimum 100 of a value. Assortments of values permitted for 500 and 1000 lot prices, but must be at least 100 per value. See adjoining 2 columns for full specifications and ohmage ranges.

Stock No.	Watts	Lots 100 per 100	Lots 500 per 100	Lots 1000 per 100
RS-24	1/10	14.40	10.20	9.00
RS-10	1/2	4.00	3.00	2.70
RS-11	1	6.00	5.40	4.80
RS-12	2	12.90	10.20	9.00
RS-13	1/2	9.60	7.30	6.00
RS-14	1	16.20	12.50	10.00
RS-15	2	24.00	21.50	18.00
RS-16	1/2	12.90	6.40	5.70
RS-17	1/2	10.80	6.00	5.40
RS-18	1	16.20	9.00	8.10
RS-19	2	21.60	12.00	10.80
RS-20	1/2	25.90	14.60	13.10
RS-21	1/2	18.20	9.00	8.10
RS-22	1	24.30	14.00	12.60
RS-23	2	32.40	18.00	16.20

CLAROSTAT T.V. CONTROLS

The listing below represents the most popular exact duplicate T.V. Replacement Controls. These controls are identical to the originals in every detail. No time is wasted in cutting the shafts or adding switches. Just remove old control and substitute the Clarostat RTV. To determine the

proper replacement cut out broken control and look for the mfr's no. Then check the list below for the mfr's part number and order your control by the stock no. Av. shpg. wt., 6 oz.

Stock No.	Mfr. No.	TV Mfg.	Part No.	Net	Stock No.	Mfr. No.	TV Mfg.	Part No.	Net	Stock No.	Mfr. No.	TV Mfg.	Part No.	Net
VD-624	RTV-214	Admiral	75B11-16	2.68	VD-651	RTV-444	Garod	C-8.230-2	2.68	VD-658	RTV-544	RCA	100292/972445-2	3.47
VD-645	RTV-395	Admiral	75B11-21	2.62	VD-626	RTV-230	G.E.	RRC-131	3.06	VD-647	RTV-406	RCA	77655/971666-9	3.12
VD-615	RTV-47	Admiral	75B11-4	2.68	VD-648	RTV-431	G.E.	RRC-197	3.06	VD-612	RTV-1	RCA	970111-7	3.06
VD-646	RTV-402	Admiral	75B17-1	2.62	VD-649	RTV-439	G.E.	RRC-233	3.06	VD-622	RTV-194	RCA	970913-30/75513	3.06
VD-641	RTV-361	Airking	PB24142	3.06	VD-643	RTV-377	G.E.	RRC-192	2.62	VD-654	RTV-193	RCA	971312-1/75514	3.12
VD-623	RTV-196	Arvin	D22464-9	2.62	VD-628	RTV-235	Hallcrafters	25B895	2.62	VD-644	RTV-388	Strom.-Carl.	145148	2.68
VD-655	RTV-486	Bel-Ray	10A-23714	2.62	VD-627	RTV-234	Hallcrafters	25B889	2.62	VD-631	RTV-260	Sylvania	157-0019	3.12
VD-625	RTV-218	Bel-Ray	A-10A-18441		VD-620	RTV-116	Motorola	18A791705	3.47	VD-635	RTV-316	Sylvania	R73153	3.06
			A-10A-18441-1	3.12	VD-657	RTV-542C	Motorola	18B511635	3.12	VD-634	RTV-315	Tele-Vogue	VC-0040-A	2.62
VD-642	RTV-370	Crosley	C-154085-C	2.62	VD-659	RTV-549	Motorola	18B736125	3.06	VD-632	RTV-314	Travler	VC-0033-D	2.62
VD-629	RTV-245	Crosley	C-149220	3.06	VD-638	RTV-344	Motorola	18K702864	3.47	VD-637	RTV-454	TV-VC-43		3.47
VD-614	RTV-20	DuMont	01007330	4.17	VD-619	RTV-112	Motorola	18A790166	3.47	VD-656	RTV-523	West'g'hse.	V-14391-4	2.68
VD-633	RTV-296	Emerson	390184	2.62	VD-637	RTV-319	Olympic	PT-2273-B	1.32	VD-636	RTV-317	West'g'hse.	V-9877-1	3.06
VD-630	RTV-246	Emerson	390167	2.62	VD-639	RTV-345	Philco	33-5563-42	2.62	VD-660	RTV-640	West'g'hse.	V-16021-3	2.91
VD-617	RTV-100	Emerson	390074-6	2.62	VD-640	RTV-359	Philco	33-5563-44	2.62	VD-632	RTV-288	West'g'hse.	V-9877-2	3.06
VD-661	RTV-642	Emerson	390306	2.62	VD-650	RTV-443	RCA	78208/971666-15	3.06	VD-653	RTV-455	West'g'hse.	V-9877M-7	3.06
VD-618	RTV-109	Fada	52.64	3.47	VD-613	RTV-6	RCA	970111-11	1.76	VD-616	RTV-98	Zenith	63-1670	1.32

IRC Exact Duplicate AUTO RADIO CONTROLS

These controls will replace your old ones without any change. Complete with switch where called for. Avg. shpg. wt., 8 oz.

Stock No.	IRC No.	Car Mfr.	Year	Part No.	Net Each	Stock No.	IRC No.	Car Mfr.	Year	Part No.	Net Each	Stock No.	IRC No.	Car Mfr.	Year	Part No.	Net Each
VC-855	5414	Bulck	1956	7266996	2.47	VC-871	5460	Dodge	1954-55	18K533013	2.09	VC-811	5319	Ford	1956	18B534483	2.09
VC-818	5342	Chev.	1949-50	7258084	2.47	VC-800	5308	Ford	1948-50	L222808	2.09	VC-812	5320	Ford	1957	2090035-1	2.09
VC-819	5343	Chev.	1950	1218641	2.47	VC-801	5309	Ford	1950	18B591266	2.09	VC-813	5321	Ford	1957	18K539059	2.09
VC-820	5344	Chev.	1951-52	1219708	2.47	VC-802	5310	Ford	1951	L219586-2	2.09	VC-815	5323	Ford	1957-58	2090035-2	2.09
						VC-803	5311	Ford	1951	18B501153	2.09	VC-876	5473	Olds.	1949	1219582	2.47
VC-821	5345	Chev.	1951-52	7261385	2.47							VC-880	5477	Olds.	1954-56	7264128	2.47
VC-826	5351	Chev.	1955	7265265	2.47	VC-804	5312	Ford	1952-53	L219586-3	2.09	VC-882	5479	Olds.	1957	7268847	2.47
VC-827	5352	Chev.	1955-56	7265220	2.47	VC-805	5313	Ford	1952-53	18K511635	2.09	VC-885	5501	Pont.	1949-50	7257708	2.47
VC-830	5355	Chev.	1956	7266842	2.47	VC-806	5314	Ford	1954	L219586-7	2.09	VC-886	5502	Pont.	1951-52	7266043	2.47
VC-824	5348	Chev.	1953-54	7262941	2.47	VC-807	5315	Ford	1954	18B530018	2.09	VC-887	5503	Pont.	1953-54	7262482	2.47
VC-825	5349	Chev.	1953-54	7264210	2.47	VC-808	5316	Ford	1955	L2195656-1	1.38	VC-888	5504	Pont.	1955-56	7265495	2.47
VC-864	5437	Chry.	1955-56	33-5557-16	2.09	VC-809	5317	Ford	1955	18B531299	1.38	VC-837	5373	Ply.	1952	18A501616	1.38
VC-868	5450	DeSoto	1955-56	18B532633	2.09	VC-810	5318	Ford	1956	L219681-1	2.09	VC-847	5383	Ply.	1957	33-5580-12	1.38

MALLORY CONTROLS



MALLORY MIDGETROL

A high quality round shaft carbon control only 15/16" in dia. to service radio sets, amplifiers and TV. Shaft can be easily cut to any required length, and is readily adaptable to any type knob. Supplied with two steel shaft and knob adaptors for knurled and push-on-knobs, one Patent and instruction sheet. Shpg. wt., 3 oz.

Stock No.	Mfg. No.	Ohms	Tpr.	Stock No.	Mfg. No.	Ohms	Tpr.
VC-413	U-1	100	4	VC-439	U-36	75K	1
VC-114	U-2	500	4	VC-440	U-39	100K	1
VC-467	U-751R	750	2	VC-441	U-40	100K	2
VC-415	U-3	1K	2	VC-442	U-41	100K	4
VC-416	U-4	1K	4	VC-445	U-415	125K	4
VC-417	U-5	1500	2	VC-443	U-42	150K	1
VC-418	U-5L	1500	4	VC-444	U-43	300K	4
VC-419	U-6	2K	4	VC-445	U-44	250K	1
VC-420	U-7	2500	2	VC-446	U-45	250K	2
VC-421	U-8	3K	4	VC-447	U-46	250K	4
VC-422	U-9	3K	2	VC-448	U-48	500K	1
VC-423	U-12	5K	1	VC-449	U-50	500K	4
VC-424	U-14	5K	4	VC-450	U-51	750K	1
VC-425	U-18	10K	1	VC-451	U-52	1 Meg.	2
VC-426	U-19	10K	2	VC-452	U-52R	500	2
VC-427	U-20	10K	4	VC-453	U-53	1 Meg.	1
VC-428	U-21	15K	1	VC-454	U-54	1 Meg.	4
VC-429	U-22	15K	2	VC-463	U-155	1.5 Meg.	1
VC-430	U-24	20K	1	VC-455	U-55	2 Meg.	1
VC-431	U-26	20K	4	VC-456	U-56	2 Meg.	4
VC-432	U-28	25K	2	VC-464	U-255	2.5 Meg.	4
VC-433	U-28A	25K	1	VC-457	U-57	3 Meg.	1
VC-434	U-29	25K	4	VC-458	U-59	3 Meg.	4
VC-435	U-30	30K	4	VC-459	U-63	5 Meg.	2
VC-436	U-33	50K	1	VC-460	U-65	5 Meg.	1
VC-437	U-34	50K	2	VC-461	U-67	5 Meg.	4
VC-438	U-35	50K	4	VC-462	U-82	10 Meg.	4

Any Type Above, Each .91

Any Type Above, Each .91

Any Type Above, Each .91

MIDGETROL ACCESSORIES

DS-36 Special 3" Extension Shaft. For tubular shaft Midgetrols and 2-watt wire-wound controls. Also couples front and rear sections together for single-shaft dual control. Shpg. wt., 2 oz. Net .32

VC-380 (DS-36)

DS-37 3/8" diameter shaft. For use with round-shaft Midgetrols to accommodate knobs requiring 3/8" shaft. Shpg. wt., 2 oz. Net .32

VC-381 (DS-37)

EB-158 Special Bushing. 3/8" -28 thread. 1 1/8" long with 3/8" milled double flat. Shpg. wt., 2 oz. Net .50

VC-382 (EB-158)

EB-214 Special Bushing 1/2" -28 thread. 2 3/8" long with .403 milled double flat. Shpg. wt., 2 oz. Net .53

VC-383 (EB-214)

VOLUME CONTROL ACCESSORIES

Stock No.	Mfg. No.	Shpg. wt., 3 oz	Fig.	Description	Net
VC-345	EB-247	A	Extends control body 5/8" from surface	.41	
VC-344	178	D	Wrench for 1/2 - 3/16" V.C. hex nuts	.50	
VC-349	RS242	E	Ext. shaft 4x1/4x1/32" flat	.56	
VC-350	RS243	E	Ext. shaft 4x1/4x1/32" flat	.56	
VC-351	RS244	E	Ext. shaft 4x1/4x1/64" flat	.56	
VC-352	RS245	E	Ext. shaft 2x1/4 with 3/32" slot	.79	
VC-346	EC240	B	Couples 1/4" shaft to 1/4" 3/32" shafts	.59	
VC-353	UB241	C	Bushing for panel mounting	.09	
VC-348	RB249	F	Mtg. Bkt. 2 1/2" Mtg. centers	.24	
VC-347	RB248	F	Mtg. Bkt. 1 1/4" Mtg. centers	.21	

THEATRE SPEAKER CONTROLS

Designed for use with Motograph, Simplex, International and other outdoor theater motion picture equipment. Corrosion-resistant finish assures long, noise-free life. Shaft 1 1/8" dia. 3/8" - 32 thread. Shpg. wt., 4 oz.

Stock No.	Mfg. No.	Ohms	Net
VC-364	TSA-10	4-ohm-L Pad	1.44
VC-365	TSA-35	35	1.06
VC-366	TSA-6	6	1.06

SINGLE TAPPED MIDGETROLS

Stock No.	Mfg. No.	Ohms	Tap At	Stock No.	Mfg. No.	Ohms	Tap At
VC-494	UT-153	15K	10K	VC-502	UT-438	1 Meg.	300K
VC-512	UT-415	30K	25K	VC-504	UT-443	1 Meg.	450K
VC-495	UT-420	250K	50K	VC-507	UT-450	2 Meg.	125K
VC-496	UT-421	250K	150K	VC-505	UT-448	2 Meg.	250K
VC-497	UT-425	350K	70K	VC-509	UT-454	2 Meg.	400K
VC-498	UT-429	500K	50K	VC-506	UT-449	2 Meg.	600K
VC-499	UT-427	500K	100K	VC-508	UT-451	2 Meg.	900K
VC-500	UT-430	500K	150K	VC-510	UT-457	3 Meg.	900K
VC-501	UT-431	500K	225K	VC-511	UT-461	3.25 M.	300K
VC-503	UT-440	1 M.	200K				

Any Type Above, Each 1.32

DOUBLE TAPPED MIDGETROLS

Stock No.	Mfg. No.	Overall-Resistances	Tap Resistances Tap 1	Tap Resistances Tap 2
VC-477	UDT-283	500K	100K	200K
VC-483	UDT-289	1 Meg.	250K	500K
VC-478	UDT-291	1.5 Meg.	225K	500K
VC-479	UDT-295	2.25 Meg.	250K	500K
VC-480	UDT-296	2.25 Meg.	500K	1 Meg.
VC-482	UDT-303	3.3 Meg.	300K	1.5 Meg.

Any Type Above, Each 1.32



SU INSULATED SHAFT MIDGETROLS FOR TV

3/8" dia. carbon controls with 1/4" dia. fixed knurled and slotted phenolic shafts. Shaft protrudes 1/4" beyond hushing. Linear taper. With hex nut. Shpg. wt., 3 oz.

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-389	SU-6	1500	VC-396	SU-46	250K
VC-390	SU-8	3K	VC-397	SU-50	500K
VC-391	SU-14	5K	VC-398	SU-54	1 Meg.
VC-392	SU-20	10K	VC-399	SU-56	2 Meg.
VC-393	SU-29	25K	VC-402	SU-565	2.5 Meg.
VC-394	SU-35	50K	VC-400	SU-59	3 Meg.
VC-395	SU-41	100K	VC-401	SU-67	5 Meg.
			VC-403	SU-69	7.5 Meg.

Any Type Above, Each .91

ATTACHABLE MIDGETROL SWITCHES



Easily and quickly attached to any midgetrol shown on this page without disassembling control. *With Dummy Terminal. Wt., 2 oz.

Stock No.	Mfg. No.	Description	Each
VC-522	US-26	S.P.S.T.	.41
VC-523	US-26T	S.P.S.T.*	.53
VC-524	US-27	D.P.S.T.	.41
VC-525	US-28	S.P.D.T.	.53



TYPE PP PUSH-PULL CONTROLS

Carbon element controls with a Push-Pull type SPST switch permanently attached. Shpg. wt., 4 oz.

Stock No.	Mfg. No.	Ohms	Tapped @	Taper	Net
VC-296	PP-13R	1K		1	1.32
VC-276	PP-15A	100K		1	1.32
VC-277	PP-16A	1 Meg.		1	1.32
VC-278	PP-16L	1 Meg.		4	1.32
VC-297	PP-16T15	1 Meg.	100K		1.32
VC-298	PP-16T25	1 Meg.	200K		1.73
VC-279	PP-16T55	1 Meg.	500K		2.73
VC-292	PP-16T55	1 Meg.	250K-500K		4.173
VC-299	PP-25L	200K		4	1.32
VC-280	PP-254A	250K		1	1.32
VC-281	PP-254DT154	250K	100K-150K	4	1.73
VC-282	PP-26A	2 Meg.		1	1.32
VC-290	PP-26T16	2 Meg.	1 Meg.	4	1.73
VC-291	PP-26T16	2 Meg.	500K-1 Meg.	1	1.73
VC-294	PP-36DT26	3 Meg.	1 Meg. - 2 Meg.	4	1.73
VC-283	PP-55T25	500K	200K	4	1.73
VC-284	PP-46T26	4 Meg.	2 Meg.	4	1.73
VC-285	PP-55A	500K		1	1.32
VC-286	PP-55DT1683	500K	84K-168K	4	1.73
VC-287	PP-55L	500K		4	1.32
VC-288	PP-55T254	500K	250K	1	1.73
VC-295	PP-56L	5 Meg.		4	1.32
VC-293	PP-155L	1.5 Meg.		4	1.32

TV FOCUS CONTROLS

1 1/8" dia. 4 watt, wire-wound with taper. 2" round shaft with slot. Shaft length, 2". Shpg. wt., 4 oz.

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-372	TVF 140	1500	VC-373	TVF 143	2500

Net Each 1.32

EXPLANATION OF MALLORY TAPERS

Taper No. 1—For audio or antenna shunt circuits.
Taper No. 2—For series circuits or cathode voltage controls.
Taper No. 4—Linear taper for voltage divider circuits.

SENSITIVITY CONTROLS



Replaces hum, balance, linearity, age, hold controls, etc. Contact arm grounded to cup small wire wound, rated at 2 watts. Slot is provided for screw driver adjustment. *Stops at 100 ohms. All are rheostats except * are potentiometers. ** has polyethylene knob. Shpg. wt., 6 oz.

FLANGE MOUNTING RHEOSTATS AND POTENTIOMETERS

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-108	FL-6	6	VC-117	FL-500	500
VC-106	FL-15	15	VC-118	FL-600	600
VC-107	FL-40P†	40	VC-119	FL-600*	600
VC-110	FL-75	75	VC-120	FL-750	750
VC-121	FL-100	100	VC-100	FL-1K	1K
VC-111	FL-100P†	100	VC-101	FL-2K	2K
VC-112	FL-150	150	VC-102	FL-2K*	2K
VC-113	FL-200	200	VC-103	FL-3K	3K
VC-114	FL-200P†	200	VC-104	FL-4K	4K
VC-115	FL-250	250	VC-105	FL-5K	5K
VC-116	FL-250P†	250			

Any Type Above, Each .41

PRINTED CIRCUIT RHEOSTATS

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-129	PFL-1.5	1.5	VC-137	PFL-1K	1000
VC-130	PFL-15	15	VC-133	PFL-1.5K	1500
VC-138	PFL-60A**	60	VC-134	PFL-3K	3000
VC-131	PFL-100	100	VC-135	PFL-4K	4000
VC-139	PFL-100A**	100	VC-136	PFL-5K	5000
VC-132	PFL-600	600			

Any Type Above, Each .39

T AND L PAD ATTENUATORS



For Level Control of low impedance audio circuits. Rated at 15 watts peak audio, 4 watts D.C. Accessories furnished: one bar knob, one Dial Plate, with matched rotation, one nut, one lock washer, 2" grooved shaft, Bushing 3/8 dia. x 3/8" long. Shpg. wt., 7 oz.

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-143	L2	2	VC-151	L250	250
VC-144	L4	4	VC-152	L500	500
VC-145	L6	6	VC-153	L600	600
VC-146	L8	8	VC-154	L1000	1K
VC-147	L15	15	VC-155	L2000	2K
VC-148	L50	50	VC-156	L3000	3K
VC-149	L100	100	VC-157	L4000	4K
VC-150	L200	200			

Net Each 2.66

LA PADS

Same as above but with a 1" Bushing, 2 nuts, 2 lock washers, 1 1/2 x 1 1/2" dial plate. Shpg. wt., 8 oz.

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-158	L8A	8	VC-159	L16A	16

Net Each 2.79

DUAL L PADS

Ganged pads for stereo use. Same specifications as single L Pads. Bushing 3/8 x 3/8". Shpg. wt., 1 lb.

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-163	LL8	8	VC-164	LL-16	16
			VC-165	LL50	50

Net Each 5.85

T PADS

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-171	T2	2	VC-179	T250	250
VC-172	T4	4	VC-180	T500	500
VC-173	T6	6	VC-181	T600	600
VC-174	T8	8	VC-182	T1000	1K
VC-175	T15	15	VC-183	T2000	2K
VC-176	T50	50	VC-184	T3000	3K
VC-178	T200	200			

Net Each 3.03

CTS - IRC CONTROLS

EXPLANATION OF IRC TAPERS

A. Linear, C. Logarithmic, audio or antenna shunt. D. Tapered both ends, grid bias and antenna. H. Tapped log.; automatic bass compensation. L. Left hand taper for focus control. P. Semi-log. reverse taper for picture control. Q. Same as P but steeper curve. R. Right hand taper for contrast and picture control. S. Special taper—based on specific application. U. Standard linear taper.

IRC Q CONTROLS WITH UNIVERSAL SHAFTS

Knurled, flattened and slotted, 3" shaft. 1 3/4" dia., 1/4" long bushing. Has removable shaft, interchangeable with special shafts listed on this page. *Includes 270 ohm, 1/2-watt fixed bias resistor. Less switch. See taper explanation below. Av. shpg. wt., 4 oz.

Stock No.	IRC Type	OHMS	Taper	Stock No.	IRC Type	DHMS	Taper
VC-961	Q11-201	250	A	VC-971	Q13-128	100K	C
VC-931	Q11-103	500	A	VC-962	Q11-228	125K	A
VC-932	Q11-105	750	A	VC-964	Q11-328	150K	A
VC-987	Q17-105	750	P	VC-979	Q13-328	150K	C
VC-933	Q11-108	1000	A	VC-947	Q11-129	200K	A
VC-988	Q17-108	1000	Q	VC-948	Q11-130	250K	A
VC-934	Q11-109	1500	A	VC-972	Q13-130	250K	C
VC-989	Q17-109	1500	Q	VC-949	Q11-131	300K	A
VC-935	Q11-110	2000	A	VC-950	Q11-132	350K	A
VC-990	Q17-110	2000	Q	VC-973	Q13-132	350K	C
VC-966	Q13-111	2500	C	VC-951	Q11-133	500K	A
VC-991	Q17-111	2500	Q	VC-974	Q13-133	500K	C
VC-936	Q11-112	3000	A	VC-983	Q14-133	500K	D
VC-992	Q17-112	3000	Q	VC-995	Q17-133	500K	Q
VC-937	Q11-114	5000	A	VC-952	Q11-134	600K	A
VC-967	Q13-114	5000	C	VC-953	Q11-136	750K	A
VC-993	Q17-114	5000	Q	VC-954	Q11-137	1 meg	A
VC-938	Q11-115	7500	A	VC-975	Q13-137	1 meg	C
VC-969	Q11-116*	10K	A	VC-984	Q14-137	1 meg	D
VC-989	Q13-116	10K	C	VC-996	Q17-137	1 meg	Q
VC-980	Q14-116*	10K	D	VC-955	Q11-138	1.5 meg	A
VC-994	Q17-116	10K	Q	VC-956	Q11-139	2 meg.	A
VC-940	Q11-119	20K	A	VC-976	Q13-139	2 meg.	C
VC-986	Q16-119	20K	S	VC-997	Q17-139	2 meg.	Q
VC-941	Q11-120	25K	A	VC-983	Q11-238	2.5 meg	A
VC-969	Q13-120	25K	C	VC-957	Q11-140	3 meg	A
VC-981	Q14-120	25K	D	VC-977	Q13-140	3 meg	C
VC-942	Q11-121	30K	A	VC-998	Q17-140	3 meg	Q
VC-943	Q11-122	35K	A	VC-958	Q11-141	5 meg	A
VC-944	Q11-123	50K	A	VC-965	Q12-141	5 meg	S
VC-970	Q13-123	50K	C	VC-978	Q13-141	5 meg	C
VC-982	Q14-123	50K	D	VC-999	Q17-141	5 meg	Q
VC-945	Q11-125	75K	A	VC-959	Q11-142	7.5 meg	A
VC-946	Q11-128	100K	A	VC-960	Q11-143	10 meg	A
NET EACH							.91

4 WATT WIRE WOUND TYPE WPK

Universal wire wound control. For replacement of 2, 3 and 4 watt controls. Dimensions: 1 1/4" dia., 3/8" deep behind mounting face. 3" long Knob Master Shaft. Shpg. wt., 4 oz.

Stock No.	Type	Ohms	Tpr.	Stock No.	Type	Ohms	Tpr.
VD-23	WPK-10	10	U	VD-40	WPK-1350R	1350	R
VD-24	WPK-20	20	U	VD-41	WPK-1500	1500	U
VD-25	WPK-30	30	U	VD-42	WPK-1500L	1500	L
VD-26	WPK-50	50	U	VD-43	WPK-2000	2000	U
VD-27	WPK-100	100	U	VD-44	WPK-2000L	2000	L
VD-28	WPK-200	200	U	VD-45	WPK-2250L	2250	L
VD-29	WPK-250	250	U	VD-46	WPK-2500	2500	U
VD-30	WPK-300	300	U	VD-47	WPK-2500R	2500	R
VD-31	WPK-400	400	U	VD-48	WPK-3000	3000	U
VD-32	WPK-500	500	U	VD-49	WPK-4000L	4000	L
VD-33	WPK-600	600	U	VD-50	WPK-5000	5000	U
VD-34	WPK-650	650	U	VD-54	WPK-5000L	5000	L
VD-35	WPK-750	750	U	VD-55	WPK-6000	6000	U
VD-36	WPK-750L	750	L	VD-51	WPK-6000L	6000	L
VD-37	WPK-750R	750	R	VD-52	WPK-7500	7500	U
VD-38	WPK-1000	1000	U	VD-53	WPK-7500L	7500	L
VD-39	WPK-1350	1350	U	VD-56	WPK-10000	10K	U
NET EACH							1.12
VD-57	WPK-12500	12.5K	U	VD-59	WPK-20000	20K	U
VD-58	WPK-15000	15K	U	VD-60	WPK-25000	25K	U
NET EACH							1.35
VD-61	WPK-30,000	30K	U	VD-63	WPK-50,000	50K	U
VD-62	WPK-40,000	40K	U				
NET EACH							1.56

SPECIAL Q CONTROL SHAFTS

Stock No.	Type	Description	Net	Stock No.	Type	Description	Net
VC-914	AQ	Master Shaft, 3" Long	.35	VC-923	NO	3/10" Universal Shaft	.32
VC-915	AQ5	Master Shaft, 5" Long	.54	VC-924	PQ	1/4" full round shaft	.35
VC-816	BQ	Slotted Remote Auto Cntrl.	.82	VC-925	RQ	1/8" slotted S.D. shaft	.35
VC-917	BQ	Slotted Philco Shaft	.50	VC-926	SO	3/4" slotted S.D. shaft	.35
VC-918	BQ	RCA Shaft	.65	VC-927	TQ	Insulated Shaft	.41
VC-919	JO	1/2" Shaft for Zenith	.65	VC-928	UQ	Same BQ, but with clutch	.82
VC-920	LQ	Motorola shaft	.56	VC-929	VQ	Magnavox Shaft	.65
VC-921	LQ	Belmont and M.W. Shaft	.82	VC-930	WQ	Zenith Shaft	.65
VC-922	MQ	Belmont and M.W. Shaft	.82				

TAPPED Q CONTROLS

All values are in megohms except with * which are in ohms. Stock

No.	IRC Type	Megs	Taps	Ω	TPR.	No.	IRC Type	Megs	Taps	Ω	TPR.
VD-153	Q17-105X	750*	250		S	VD-159	Q17-137X	1.0	35K		S
VD-154	Q17-110XX	2K*	250/500		S	VD-148	Q13-137X	1.0	250K		H
VD-144	Q13-118X	15K*	10K		S	VD-160	Q17-137XX	1.0	50K/100K		S
VD-145	Q13-118XX	15K*	5K/10K		S	VD-168	Q18-137X	1.0	100K		S
VD-155	Q17-118X	15K*	5K		S	VD-169	Q18-137XX	1.0	250K/5 meg		S
VD-156	Q17-118XX	15K*	5K/10K		S	VD-174	Q19-137X	1.0	.5 meg		S
VD-162	Q17-328XX	.15	19K/38K		S	VD-176	QVC-539X	1.0	.5 meg		S
VD-163	Q18-130X	.25	60K		H	VD-149	Q13-138X	1.5	.25 meg		S
VD-146	Q13-130X	.25	125K		S	VD-175	Q19-139X	2.0	50K		S
VD-164	Q18-130XX	.25	60K/120K		S	VD-161	Q17-139X	2.0	150K		S
VD-157	Q17-132X	.35	35K		S	VD-171	Q18-139XX	2.0	250K/5 meg		S
VD-165	Q18-132X	.35	75K		H	VD-151	Q13-139XX	2.0	.5/1 meg		S
VD-158	Q17-133X	.5	25K		S	VD-150	Q13-139X	2.0	.5 meg		H
VD-166	Q18-133X	.5	50K		S	VD-170	Q18-139X	2.0	1 meg		S
VD-147	Q13-133X	.5	125K		H	VD-152	Q13-140X	3.0	900K		S
VD-173	Q19-133X	.5	250K		S	VD-172	Q18-140X	3.0	1.5 meg		S
VD-167	Q18-133XX	.5	100K/200K		S						
NET EACH											1.31

TYPE M ADD-ON MULTI-SECTIONS

Easily attached to Q controls to form ganged multi-section controls Shpg. wt., 2 oz.

Stock No.	IRC Type	OHMS	TPR.	Stock No.	IRC Type	OHMS	TPR.
VD-118	M11-103	500	A	VD-135	M13-130	250K	C
VD-119	M11-108	1K	A	VD-129	M11-133	500K	A
VD-120	M11-110	2K	A	VD-136	M13-133	500K	C
VD-121	M11-112	3K	A	VD-130	M11-137	1 meg	A
VD-122	M11-114	5K	A	VD-137	M13-137	1 meg	C
VD-123	M11-116	7.5K	A	VD-138	M13-138	1.5 meg	C
VD-141	M17-116	10K	Q	VD-131	M11-139	2 meg	A
VD-124	M11-120	25K	A	VD-139	M13-139	2 meg	C
VD-125	M11-121	30K	A	VD-140	M13-140	3 meg	C
VD-126	M11-123	50K	C	VD-142	M17-140	3 meg	Q
VD-127	M11-128	100K	A	VD-132	M11-141	5 meg	A
VD-134	M13-128	100K	C	VD-133	M11-143	10 meg	A
VD-128	M11-130	250K	A				
NET EACH							1.32

Q CONTROL SWITCHES

Quickly attached. U.L. Approved. Shpg. wt., 2 oz.

VD-10 Type 76-1 — SPST.	Net .41
VD-11 Type 76-2 — DPST.	Net .41
VD-14 Type 76-4 — SPDT.	Net .59

TYPE WPS 4 WATT WIRE WOUND

Universal wire wound control. For replacement of 2, 3 and 4 watt controls. Dimensions: 1 1/4" dia., 3/8" deep behind mounting face. 3" long shaft, slotted and knurled. All types have linear taper except those marked * which have left hand taper for focus control.

Stock No.	IRC Type	Ohms	Tap	Stock No.	IRC Type	Dhms	Tap
VD-70	WPS-10X5	10	5	VD-83	WPS-200X100	200	100
VD-71	WPS-15X7.5	15	7.5	VD-84	WPS-250	250	—
VD-72	WPS-20X10	20	10	VD-85	WPS-500	500	—
VD-69	WPS-25	25	—	VD-86*	WPS-500L	500	—
VD-73	WPS-25X12.5	25	12.5	VD-87	WPS-1000	1000	—
VD-74	WPS-30X15	30	15	VD-88	WPS-1500	1500	—
VD-75	WPS-40	40	—	VD-89	WPS-2000	2000	—
VD-76	WPS-40X20	40	20	VD-90	WPS-2250	2250	—
VD-77	WPS-50X25	50	25	VD-91*	WPS-2250L	2250	—
VD-78	WPS-60	60	—	VD-92	WPS-2500	2500	—
VD-79	WPS-80X40	80	40	VD-93	WPS-3000	3000	—
VD-80	WPS-100X50	100	50	VD-94	WPS-4000	4000	—
VD-81	WPS-140X70	140	70	VD-95*	WPS-4000L	4000	—
VD-82	WPS-150X75	150	75	VD-96	WPS-5000	5000	—

Plain Controls each 1.12 Tapped Controls each 1.44

SWITCHES FOR IRC "W" CONTROLS

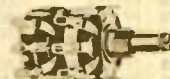
VD-12 76-11 SPST Net .41 VD-13 76-12 DPST Net .41

WM MULTISECTION CONTROLS

4 watt "add-on" control sections for use with types WPK or WPS controls. Addition of WM section converts either of the above types to dual section control units. Size 3/8" deep + pot. dimensions. Shpg. wt., 2 oz.

Stock No.	IRC Type	Ohms	Stock No.	IRC Type	Dhms
VD-102	WM-50	50	VD-109	WM-2000	2000
VD-103	WM-100	100	VD-110	WM-2500	2500
VD-104	WM-200	200	VD-111	WM-3000	3000
VD-105	WM-250	250	VD-112	WM-5000	5000
VD-106	WM-500	500	VD-113	WM-7500	7500
VD-107	WM-1000	1000	VD-114	WM-10000	10000
VD-108	WM-1500	1500			

Any of the above Net 1.12



TYPE LC-2 LOUDNESS CONTROL

A continuously compensated control that boosts lows and highs as volume is decreased. Specifically designed for the audio frequency spectrum. Maintains depth and brilliance even at whisper levels. Complete with instructions. Types 76-1, 76-2, or 76-4 switches may be added to this control. Shpg. wt., 4 oz. VD-16 Net .57



TYPE QJ-3 TV ATTENUATOR

A ready adjustment of signal input to television sets. In most installations, it corrects or substantially reduces such conditions as: adjacent channel interference; background picture on weaker stations; poor definition. In service work it can be used to duplicate fringe area signals. Shpg. wt., 4 oz. Net 2.35

MILITARY AND INDUSTRIAL CONTROLS



CLAROSTAT RV-4 2 WATT CONTROLS

With 2 1/2" Long Shaft With Standard Bushing

Stock No.	RV-4 NAY-Ohms	Stock No.	RV-4 NAYSK-Ohms
VD-420	101A 100	VD-427	253A 25K
VD-421	251A 250	VD-428	503A 50K
VD-422	501A 500	VD-429	104A 100K
VD-423	102A 1K	VD-430	254A 250K
VD-424	252A 2500	VD-431	504A 500K
VD-425	502A 5K	VD-432	105A 1 meg
VD-426	103A 10K	VD-433*	255B 2.5 meg
		VD-434*	505B 5 meg

ANY OF ABOVE IN LOTS OF

1- 24	2.94 each
25- 34	2.63 each
35- 49	2.10 each
50- 64	1.71 each
65- 99	1.50 each
100-249	1.25 each

Variable composition controls. Meet MIL-R94B government specifications. Rated 2 watts at 70°C. All are linear taper. Tolerance ± 10% except * are ± 20%. Max. ambient operating temperature 120°C; humidity test of 100 meg min. Insulation resistance and max. change of ± 10% in resistance value. Body size max. 1 1/4" diam, 3/4" depth. All shafts are slotted 1/4" diam. See listing for varying lengths and bushings. Shaft length figured from mtg. surface. Shpg. wt., 4 oz.

With 1/2" Long Shaft Standard Bushing			With 3/4" Long Shaft With Locking Bushing		
Stock No.	RV-4 NAY-Ohms	Stock No.	RV-4 NAY-Ohms	Stock No.	RV-4 NAY-Ohms
VD-390	SB101A 100	VD-405	SD101A 100	VD-435	101A 100
VD-391	SB251A 250	VD-406	SD251A 250	VD-436	251A 250
VD-392	SB501A 500	VD-407	SD501A 500	VD-437	501A 500
VD-393	SB102A 1K	VD-408	SD102A 1K	VD-438	102A 1K
VD-394	SB252A 2500	VD-409	SD252A 2500	VD-439	252A 2500
VD-395	SB502A 5K	VD-410	SD502A 5K	VD-440	502A 5K
VD-396	SB103A 10K	VD-411	SD103A 10K	VD-441	103A 10K
VD-397	SB253A 25K	VD-412	SD253A 25K		
VD-398	SB503A 50K	VD-413	SD503A 50K		
VD-399	SB104A 100K	VD-414	SD104A 100K		
VD-400	SB254A 250K	VD-415	SD254A 250K		
VD-401	SB504A 500K	VD-416	SD504A 500K		
VD-402	SB105A 1M	VD-417	SD105A 1M		
VD-403*	SB255B 2.5M	VD-418*	SD255B 2.5M		
VD-404*	SB505B 5MG	VD-419*	SD505B 5MG		

ANY OF ABOVE IN LOTS OF

1- 24	2.94 each
25- 34	2.71 each
35- 49	2.18 each
50- 64	1.79 each
65- 99	1.58 each
100-249	1.33 each

TYPE RA-20LASB LOCKING CONTROLS

With 3/4" Long Shaft With Locking Bushing

RA-20			RA-20		
Stock No.	LA-SB-Ohms	Stock No.	LA-SB-Ohms	Stock No.	LA-SB-Ohms
VD-558	3ROA 3	VD-568	101A 100	VD-578	252A 2500
VD-559	6ROA 6	VD-569	151A 150	VD-579	525A 3500
VD-560	8ROA 8	VD-570	201A 200	VD-580	502A 5K
VD-561	100A 10	VD-571	251A 250		
VD-562	150A 15	VD-572	351A 350		
VD-563	200A 20	VD-573	501A 500		
VD-564	250A 25	VD-574	751A 750		
VD-565	350A 35	VD-575	102A 1K		
VD-566	500A 50	VD-576	152A 1500		
VD-567	750A 75	VD-577	202A 2K		

ANY OF ABOVE IN LOTS OF

1- 24	2.94 each
25- 34	2.62 each
35- 49	2.09 each
50- 64	1.70 each
65- 99	1.49 each
100-249	1.24 each



CLAROSTAT RA-20 AND RA-30 CONTROLS

Variable wire wound controls. Meet MIL-R19A government specifications. Type RA-20 rated 2 Watts, RA-30 4 watts at 40°C. All linear taper. Tolerance ± 10%. Body size RA-20 1 1/2" diam. x 5/8" depth, RA-30 1 3/4" x 1 1/4". All shafts are slotted 1/4" diam. See listing for various lengths and bushings. Shaft length figured from mounting surface. Shpg. wt., 4 oz.

TYPE RA-20 2 WATT CONTROLS

With 1/2" Long Shaft

With 1/2" Long Shaft Standard Bushing			With 3/4" Long Shaft Standard Bushing		
Stock No.	RA-20 Type-Ohms	Stock No.	RA-20 Type-Ohms	Stock No.	RA-20 Type-Ohms
VD-450	NASA3RDA 3	VD-476	NASO3ROA 3	VD-502	NASA3ROA 3
VD-451	NASA6RDA 6	VD-477	NASD6ROA 6	VD-503	NASA6ROA 6
VD-452	NASD8ROA 8	VD-478	NASD8ROA 8	VD-504	NASA8ROA 8
VD-453	NASA100A 10	VD-479	NASD100A 10	VD-505	NASA100A 10
VD-454	NASA150A 15	VD-480	NASD150A 15	VD-506	NASA150A 15
VD-455	NASA200A 20	VD-481	NASD200A 20	VD-507	NASA200A 20
VD-456	NASA250A 25	VD-482	NASD250A 25	VD-508	NASA250A 25
VD-457	NASA350A 35	VD-483	NASD350A 35	VD-509	NASA350A 35
VD-458	NASA500A 50	VD-484	NASD500A 50	VD-510	NASA500A 50
VD-459	NASA750A 75	VD-485	NASD750A 75	VD-511	NASA750A 75
VD-460	NASA101A 100	VD-486	NASD101A 100	VD-512	NASA101A 100
VD-461	NASA151A 150	VD-487	NASD151A 150	VD-513	NASA151A 150
VD-462	NASA201A 200	VD-488	NASD201A 200	VD-514	NASA201A 200
VD-463	NASA251A 250	VD-489	NASD251A 250	VD-515	NASA251A 250
VD-464	NASA351A 350	VD-490	NASD351A 350	VD-518	NASA751A 750
VD-465	NASA501A 500	VD-491	NASD501A 500	VD-519	NASA102A 1K
VD-466	NASA751A 750	VD-492	NASD751A 750	VD-520	NASA152A 1500
VD-467	NASA102A 1K	VD-493	NASD102A 1K	VD-521	NASA202A 2K
VD-468	NASA152A 1500	VD-494	NASD152A 1500	VD-522	NASA252A 2500
VD-469	NASA202A 2K	VD-495	NASD202A 2K	VD-523	NASA352A 3500
VD-470	NASA252A 2500	VD-496	NASD252A 2500	VD-524	NASA502A 5K
VD-471	NASA352A 3K	VD-497	NASO352A 3K	VD-525	NASA752A 7500
VD-472	NASA502A 5K	VD-498	NASD502A 5K	VD-526	NASA103A 10K
VD-473	NASA752A 7500	VD-499	NASD752A 7500	VD-527	NASA153A 15K
VD-474	NASA103A 10K	VD-500	NASD103A 10K	VD-528	NASA203A 20K
VD-475	NASA153A 15K	VD-501	NASD153A 15K	VD-529	NASA253A 25K

ANY OF ABOVE IN LOTS OF

1- 24	2.94 each
25- 34	2.54 each
35- 49	2.01 each
50- 64	1.62 each
65- 99	1.41 each
100-249	1.16 each

TYPE RA-30 4 WATT CONTROLS

With 3/4" Long Shaft

Standard Bushing

Standard Bushing

Standard Bushing

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OHMITE "AB" 2 WATT COMPOSITION POTENTIOMETERS



Two watt, Milled elements, highly reliable, dust-proof, splash-proof, Imbedded contacts. All have 2" round 1/4" shafts except CLU has locking nut and slotted shaft. All 1 1/4" diam. x 5/8", except CCU are 3/4" deep. Mount in 3/8" hole on up to 1/4" panels. All 10% tolerance except * are 20%. Avg. shpg. wt., 5 oz.

TYPES CU—LINEAR TAPER

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-728	CU-5001	50	VC-734	CU-2531	25,000	VC-749	CLU-5001	50
VC-723	CU-1011	100	VC-731	CU-5031	50,000	VC-739	CLU-1011	100
VC-732	CU-2511	250	VC-726	CU-1041	100,000	VC-744	CLU-2511	250
VC-729	CU-5011	500	VC-735	CU-2541	250,000	VC-750	CLU-5011	500
VC-724	CU-1021	1000	VC-737	CU-5041	500,000	VC-740	CLU-1021	1000
VC-733	CU-2521	2500	VC-727	CU-1052	1 Meg.*	VC-745	CLU-2521	2500
VC-730	CU-5021	5000	VC-736	CU-2552	2.5 Meg.*	VC-751	CLU-5021	5000
VC-725	CU-1031	100,000	VC-738	CU-5052	5 Meg.*	VC-741	CLU-1031	100,000

Any of above

Net ea. 1.91 Net Each

CLU LINEAR LOCKING TYPE

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-746	CLU-2531	25,000	VC-752	CLU-5031	50,000
VC-742	CLU-1041	.1 Meg.	VC-747	CLU-2541	.25 Meg.
VC-743	CLU-5041	.5 Meg.	VC-753	CLU-1051	1 Meg.*
VC-744	CLU-1052	1 Meg.*	VC-748	CLU-2552	2.5 Meg.*
VC-745	CLU-2552	2.5 Meg.*	VC-754	CLU-5052	5 Meg.*

Net Each 2.50

CA and CB—LOGARITHMIC TAPERS

Type CA is clockwise; CB is counterclockwise.

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-713	CB-1031	10,000	VC-710	CA-2541	250,000	VC-716	CCU-1031	10,000
VC-714	CB-2531	25,000	VC-712	CA-5041	500,000	VC-719	CCU-2531	25,000
VC-715	CB-5031	50,000	VC-709	CA-1052	1 Meg.*	VC-721	CCU-5031	50,000
VC-708	CA-1041	100,000	VC-711	CA-2552	2.5 Meg.*	VC-717	CCU-1041	100,000

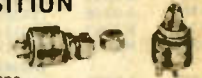
Net each 2.20 Net Each

TYPE CCU LINEAR TAPER DUALS

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-716	CCU-1031	10,000	VC-720	CCU-2541	250,000
VC-719	CCU-2531	25,000	VC-722	CCU-5041	500,000
VC-721	CCU-5031	50,000	VC-718	CCU-1052	1 Meg.*

Net Each 5.73 Net Each 6.5

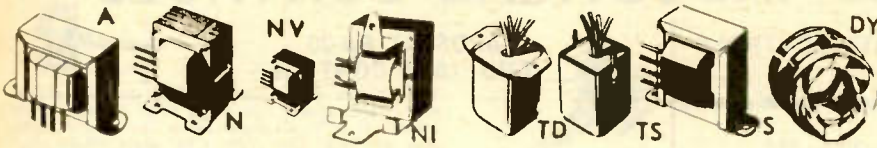
OHMITE TYPE "AS" MINIATURE MOLDED COMPOSITION POTENTIOMETER



Exceptionally reliable.

These miniature molded composition potentiometers are ideal for aircraft, missile, computer, etc. Extremely lightweight and compact. Only 1/4" long, 1/4" dia. Molded composition resistance and collector tracks bridged by a molded composition brush which provides long life. Terminals molded directly into the control element to assure trouble-free connections. Sealed with a synthetic resin, the unit is dust-tight, splash-proof and fungus resistant. Gold-plated terminals for easy soldering. Rated 0.5 watt continuous, 350v. Screw-driver slotted, shaft-locking type. Temp. range, -55 to 120°C. All linear taper type. Meet QQ-M-151, MIL-R-94A and Ela requirements. All tolerances ± 10% except * 20%. Shpg. wt., 2 oz.

STANCOR TRANSFORMERS, YOKES, & FLYBACKS



VERTICAL BLOCKING OSCILLATORS

Turns ratio 1:4.2 except * is 1:1.5, † is 1:3.33. Type A-8124 has 2 secs. 1.048 and 1:1. Shpg. wt., 1/2 lb.

STOCK NO.	STAN NO.	SIZE	OIAG	NET
TA-41	A-8111	1 1/2 x 2 1/2	A	1.94
TA-48	A-8121	1 1/2 x 2 3/8	TO	2.59
TA-49	A-8122	1 3/4 x 1 3/8	TS	3.83
TA-51	A-8124	1 5/8 x 2 1/4	A	2.71
TA-52	A-8125	2 1/4 x 1 1/4	A	1.91
TA-53	A-8126*	1 1/2 x 2	S	1.94
TA-340	VB-200†	1 1/2 x 2 1/2	A	2.06
TA-341	VB-201†	2 1/4 x 1 1/4	A	2.06

HORIZONTAL BLOCKING OSCILLATORS

Turns ratio 2:1. Shpg. wt. 1/2 lb.

STOCK NO.	STAN NO.	SIZE	OIAG	NET
TA-40	A-8110	1 1/2 x 1 1/2 x 2 1/2	A	2.12
TA-47	A-8120	1 3/4 x 1 1/2 x 2 3/8	TD	3.37

VERTICAL OUTPUT TRANSFORMERS

All type A, except † is NV, * is NI, ‡ is N2, † is NH, † is autotformer type. Average Shpg. wt., 2 lbs.

STOCK NO.	STAN NO.	OC PRI	RES SEC	SIZE	NET EA.
TA-42	A-8112	1300	10	2x1 3/4 x 3 1/4	2.94
TA-43	A-8113	700	12	2x1 3/4 x 3 1/4	3.08
TA-44	A-8115†	600	7	3 1/4 x 2 1/2 x 2 1/2	5.24
TA-45	A-8116†	525	7	3 1/4 x 2 1/2 x 2 1/2	5.23
TA-50	A-8123†	1200	11	2x1 3/4 x 3 1/4	2.91
TA-64	A-8140†	400	0.3	3 1/4 x 2 1/2 x 2 1/2	5.23
TA-65	A-8141†	1650	4.5	2 1/4 x 3 3/8 x 2 1/2	4.17
TA-66	A-8142=	540	10.5	2 5/8 x 2 1/4 x 3	5.04
TA-67	A-8143	625	14	2 1/4 x 2 1/4 x 3 3/8	3.37
TA-68	A-8144	540	15	2 1/4 x 1 3/4 x 3 3/8	3.13
TA-69	A-8145*	540	14	2 5/8 x 2 1/2 x 2 1/2	4.20
TA-70	A-8146†	375	10	2x1 7/8 x 3 3/4	2.97
TA-71	A-8147†	300	9	2x1 3/4 x 3 1/4	2.88
TA-97	A-8148†	375	6.5	2x1 7/8 x 3 1/4	3.37
TA-72	A-8149†	330	8.5	2x1 5/8 x 3 1/4	2.99
TA-73	A-8150‡	450	6.7	2x3 3/8 x 2 1/2	4.06
TA-74	A-8151	580	6.7	2 1/4 x 3 3/8 x 2 1/2	3.53

DEFLECTION YOKES

All are ferrite cores, cosine wound, type DY. All for 70° tubes except * are 53°, † are 90° and ‡ are 110°. Shpg. wt., 1 1/2 lbs.

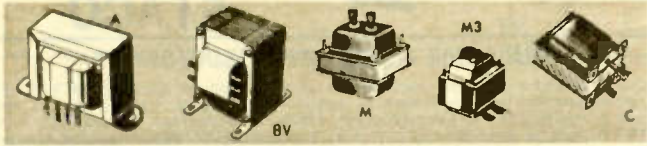
Stock No.	Stancor No.	Inductance MH	Coil Res. Ohms	Net
		Horiz.	Vert.	
TA-168	DY-1A*	8.3	50	13.5 66 7.54
TA-169	DY-2A	10.3	50	14.5 66 7.22
TA-170	DY-8A	8.5	50	14.5 52.5 7.22
TA-171	DY-9A	13.5	50	17.5 53.5 8.40
TA-172	DY-10A	30.0	3.5	45 3.5 7.22
TA-173	DY-11A	20.0	50	31 50 8.89
TA-174	DY-12A	30.0	50	41 50 8.17
TA-175	DY-13A†	12.5	48	15 52 10.17
TA-176	DY-14A	30.0	3.5	45 3.5 7.58
TA-177	DY-15A	25.0	40.0	35 50 7.88
TA-178	DY-16A†	20	44.0	26 45 9.17
TA-179	DY-17A†	12.0	42.0	20 43 8.65
TA-180	DY-18A	14.5	41.5	18 50 8.53
TA-181	DY-19A	20.0	41.5	28 50 8.47
TA-182	DY-20A	20.0	41.5	28 50 8.09
TA-183	DY-21A	14.5	3.1	10 3.5 7.44
TA-184	DY-22A	20	46.0	25 45 8.51
TA-185	DY-23A†	20.0	45.0	27 43 8.53
TA-186	DY-24A†	18.5	11.0	34 11.5 7.59
TA-187	DY-25A†	24.0	11.0	46 11.0 7.59
TA-188	DY-26A†	19.0	11.5	34 16.5 10.64
TA-189	DY-27A†	17.5	12.3	35.5 13.5 10.24
TA-229	DY-28A	24	3.2	36 3.4 6.91
TA-231	DY-29A	24	3.2	36 3.4 7.01
TA-232	DY-30A	24	3.2	36 3.4 7.25
TA-233	DY-31A†	24	42	44.2 42 8.65
TA-236	DY-32A†	24	42	34 42 8.53
TA-242	DY-33A	30.5	43	34 50 6.86
TA-244	DY-34A†	30	47	45 42 7.35

STANCOR EXACT DUPLICATE FLYBACKS

These exact replacement flybacks are built from the set manufacturer's original specifications. They are exact electrical and physical duplicates of the units they are designated to replace. (Av. shpg. wt. 1 1/2 lbs.)

STOCK NO.	STANCOR NO.	MFR'S PART NO.	NET	STOCK NO.	STANCOR NO.	MFR'S PART NO.	NET	STOCK NO.	STANCOR NO.	MFR'S PART NO.	NET
TA-55	A-8128	79C23-3, 79C28-1	6.88	TA-118	A-8263	55B253/66, 55D266	7.58	TA-46	A-8119	21175	7.00
TA-354	A-8133	79C30-1/3	9.89	TA-103	A-8248	55D197	9.37	TA-54	A-8127	21171, T3	6.88
TA-60	A-8134	79C30-2/4, 79C38-1, 79D38-1	8.96	TA-93	A-8241	55D251	6.36	TA-193	HO-256	23571	6.47
TA-109	A-8254	79C60-1	5.59	TA-120	A-8265	55D180	7.57	TA-98	A-8243	77833	5.31
TA-110	A-8255	79C60-2/3	6.49	TA-80	A-8228	5123 34	5.53	TA-99	A-8244	78201, 78810	6.60
TA-201	HO-265	79C70-2/-1	5.83	TA-355	A-8137	5035	7.00	TA-85	A-8233	76430, 76795	7.35
TA-61	A-8135	79D41-1/-2	7.64	TA-107	A-8252	5156 60	6.53	TA-86	A-8234	76501	4.68
TA-108	A-8253	79D48-1	7.35	TA-141	A-8293	360593-1/-2	7.61	TA-87	A-8235	75519, 75585, 76381	5.38
TA-140	A-8292	79D65-1	7.06	TA-142	A-8294	360606-1	7.05	TA-208	HO-272	972914-1, 103092	6.53
TA-197	HO-301	79D65-2/-4	7.17	TA-143	A-8295	360614-1, 360623/-1	7.05	TA-82	A-8230	10104 07 08/10/26/35	7.35
TA-209	HO-302	79D65-3	7.06	TA-202	HO-266	360659	6.53	TA-83	A-8231	101368 37 38/59	7.35
TA-211	HO-303	79D74-1/-2	6.47	TA-215	HO-279	360632-1	6.53	TA-210	HO-274	T80-326/336	6.76
TA-219	HO-304	79D77-2	7.79	TA-222	HO-293	24C736488	8.56	TA-96	A-8227	241-0003	5.53
TA-58	A-8131	750163A-1	5.87	TA-91	A-8239	24K792753, 24K701099	9.98	TA-80	A-8228	241-0005/-006	5.53
TA-134	A-8285	850285E-1	7.64	TA-79	A-8224	24C711265 A, 24C721290	6.11	TA-81	A-8229	241-0007	5.29
TA-82	A-8230	101014	7.35	TA-94	A-8225	24K712193	9.11	TA-196	HO-259	241-0011	6.47
TA-83	A-8231	101368/37/38/59	7.35	TA-95	A-8226	24K721301C 517C	9.11	TA-284	HO-284	53X359A	7.05
TA-195	HO-258	12000151, 12000751	7.02	TA-216	HO-280	24K739284	8.28	TA-119	A-8264	53X326/28 29/30	6.80
TA-132	A-8283	12000841	6.92	TA-217	HO-281	24K730902/3	8.82	TA-120	A-8265	53X337	7.57
TA-133	A-8284	120001051	6.54	TA-217	HO-281	24K732584	8.82	TA-88	A-8236	V-11548-1/-2-3/-4	7.74
TA-93	A-8241	157820	6.36	TA-217	HO-281	24K732746 7	8.82	TA-89	A-8237	V-9904-1/-2, V-10204-1, V-10213-1	6.76
TA-103	A-8248	154069/-1, 154990/2/3	9.37	TA-217	HO-281	24K733407	8.82	TA-90	A-8238	V-10214-1	6.66
TA-118	A-8263	158481-1/-2/-5	7.58	TA-217	HO-281	24K738699	8.82	TA-122	A-8267	S-15911/12 -1656-6	7.05
TA-223	HO-305	159947-1/-2	7.79	TA-218	HO-282	24C736487	8.38	TA-122	A-8267	S-17130/40, -17233	7.05
TA-107	A-8252	20008061/8402	6.53	TA-218	HO-282	24K738699	8.38	TA-122	A-8267	S-17245/265 435	7.05
TA-58	A-8131	738047/48/53/60	5.87	TA-56	A-8129	TO-0024	7.18	TA-122	A-8267	S-17646/767 811	7.05
TA-62	A-8138	738079/84	6.43	TA-59	A-8132	TO-0031	8.82	TA-122	A-8267	S-17927, -20908	7.05
TA-84	A-8232	738067/68/69/73/74/75/82	7.35	TA-92	A-8240	TO-0036	7.06	TA-123	A-8268	S-15015/202 709	7.05
TA-63	A-8139	738096, 738100	6.43	TA-139	A-8291	TO-0039	7.06	TA-123	A-8268	S-15710, -16006	7.05
TA-224	HO-294	738103/09	6.53	TA-116	A-8261	C9253-1/-2/E	6.63	TA-123	A-8268	S-16191/204	7.05
TA-225	HO-295	738106/07 11	7.32	TA-198	HO-262	32-8428-1/-2	8.37	TA-123	A-8268	S-17244 669/X	7.05
TA-226	HO-296	738119/22/28/29/40	7.50	TA-75	A-8220	32-8565 including Term bd. Components	8.22	TA-123	A-8268	S-20866	7.05
TA-57	A-8130	77J1, except where 6C06 is used	7.17	TA-76	A-8221	32-8555 w/cap., resistor & choke on board	7.47	TA-125	A-8269	S-18487 537/802	7.05
TA-113	A-8258	RTO-125/6/7	6.54	TA-77	A-8222	32-8533/34 Same Comp. as A-8221	7.42	TA-124	A-8270	S-18567 990, -19728	6.53
TA-114	A-8259	RTO-129/30	6.54	TA-78	A-8223	32-8572 With Choke on Term Bd.	6.92	TA-126	A-8271	S-19032	6.53
TA-117	A-8262	RTO-131/141/146-3	6.91	TA-194	HO-257	32-8666-3	7.47	TA-126	A-8272	S-20993	6.53
TA-136	A-8288	RTO-149/-1	6.17	TA-145	A-8298	32-8677-1/-2	7.86	TA-127	A-8273	S-19408	6.53
TA-137	A-8289	RTO-151/-3	6.31	TA-199	HO-263	32-8634	8.33	TA-128	A-8274	S-21317	7.84
TA-121	A-8266	RTO-161	6.17	TA-212	HO-276	32-8624/-1	8.47	TA-129	A-8275	S-22130	6.70
TA-190	HO-252	RTO-165	6.48	TA-213	HO-277	32-8465-2	9.41	TA-130	A-8276	S-22154	5.94
TA-138	A-8290	RTO-166/-5	6.05	TA-213	HO-277	32-8509/-2	9.41	TA-131	A-8277	S-22129	6.53
TA-191	HO-253	RTO-175/187	6.47	TA-214	HO-278	32-8695	7.06	TA-203	HO-267	S-20099	7.19
TA-192	HO-254	RTO-179	6.47	TA-200	HO-264	32-8709-1	6.54	TA-204	HO-268	S-23049	6.08
TA-227	HO-298	RTO-207	6.69					TA-205	HO-269	S-22720	6.14
TA-228	HO-299	RTO-208	7.06					TA-206	HO-270	S-18125	5.88
								TA-207	HO-271	S-22451	6.53

CHOKES-OUTPUT & POWER TRANSFORMERS **STANCOR**



POWER TRANSFORMERS

All primaries 117V 60 cycle. All 6.3V secondaries are C.T. except * and PC-8414 which has extra 6.3V 3 amp winding. For selenium rectifier and 6AX5, 6X4, 6X5, etc. tubes. All type M mtg., except PC Is C and PS Is A.

Stock No.	Stan. No.	VCT	5V 6.3V		Size	Wt. Lbs.	Net Each		
			MA	Amp			1-9	10-24	
TA-338*	PS-8415	125	15	—	0.6	2x2 3/4 x 1 3/4	3/4	2.32	2.13
TA-305*	PA-8421	125	50	—	2.0	2 1/4 x 3 3/4 x 2 1/2	1 1/2	3.76	3.46
TA-339*	PS-8416	125	25	—	1.0	2 3/4 x 2 7/8 x 1 3/4	1	2.79	2.56
TA-307*	PC-8418	460	50	—	2.5	3 3/4 x 2 3/8 x 2 5/8	2 1/4	4.70	4.32
TA-306*	PM-8418	460	50	—	2.5	2 5/8 x 2 1/2 x 3	2 1/4	4.70	4.32
TA-325	PM-8401	470	40	2.0	2.0	2 5/8 x 2 1/2 x 3	2 1/4	5.67	5.19
TA-311	PC-8401	470	40	2.0	2.0	3 3/4 x 2 5/8 x 2 3/8	2 1/4	5.42	4.98
TA-326	PM-8402	480	55	2.0	2.0	2 3/4 x 2 1/2 x 3	2 1/2	5.53	5.08
TA-312	PC-8402	480	55	2.0	2.0	3 3/4 x 2 3/8 x 2 3/4	2 1/2	5.38	4.94
TA-337*	PM-8419	480	70	—	3.0	2 7/8 x 2 1/2 x 3	2 3/4	5.41	4.97
TA-324*	PC-8419	480	70	—	3.0	3 3/4 x 2 3/8 x 2 7/8	2 3/4	5.41	4.97
TA-308*	PM-8420	520	90	—	4.0	3 1/2 x 2 7/8 x 3 3/2	3 1/2	5.53	5.08
TA-309*	PC-8420	520	90	—	4.0	3 1/2 x 3 x 3 1/2	3 1/2	6.29	5.78
TA-327	PM-8403	500	70	2.0	2.5	3 1/4 x 2 1/2 x 3	3 1/4	6.23	5.72
TA-313	PC-8403	500	70	2.0	2.5	3 3/4 x 2 5/8 x 3 1/2	3 1/4	6.23	5.72
TA-328	PM-8404	520	90	2.0	3.0	3 3/8 x 2 7/8 x 3 3/8	4	6.91	6.34
TA-314	PC-8404	520	90	2.0	3.0	3 5/8 x 3 x 3 1/2	4	6.91	6.34
TA-329	PM-8405	540	120	3.0	3.5	3 1/2 x 3 1/4 x 3 3/4	5	9.01	8.27
TA-315	PC-8405	540	120	3.0	3.5	4 x 3 1/4 x 3 1/2	5	9.01	8.27
TA-310	PM-8423	600	90	2.0	3.5	3 1/4 x 2 1/4 x 2 7/8	4	4.87	4.48
TA-330	PM-8406	650	40	2.0	2.0	2 3/4 x 2 1/2 x 3	2 1/2	5.64	5.18
TA-316	PC-8406	650	40	2.0	2.0	3 3/4 x 2 5/8 x 2 3/4	2 1/2	5.64	5.18
TA-331	PM-8407	650	55	2.0	2.0	3 1/4 x 2 1/2 x 3	3 1/4	5.88	5.40
TA-317	PC-8407	650	55	2.0	2.0	3 3/4 x 2 5/8 x 3 1/4	3 1/4	5.88	5.40
TA-332	PM-8408	680	70	2.0	2.5	3 1/2 x 2 7/8 x 3 3/4	4	7.35	6.75
TA-318	PC-8408	680	70	2.0	2.5	3 5/8 x 3 x 3 3/8	4	7.35	6.75
TA-333	PM-8409	700	90	2.0	3.0	3 3/4 x 2 7/8 x 3 3/8	4 1/2	7.76	7.13
TA-319	PC-8409	700	90	2.0	3.0	3 5/8 x 3 x 3 3/8	4 1/2	7.76	7.13
TA-334	PM-8410	720	120	3.0	3.5	3 3/4 x 3 1/4 x 3 3/4	5 1/2	9.17	8.43
TA-320	PC-8410	720	120	3.0	3.5	4 x 3 1/4 x 3 3/4	5 1/2	9.17	8.43
TA-335	PM-8411	750	150	3.0	4.5	3 7/8 x 3 1/2 x 4 1/8	6	12.30	11.30
TA-321	PC-8411	750	150	3.0	4.5	4 3/8 x 3 3/8 x 4	6	11.79	10.83
TA-336	PM-8412	800	200	3.0	5.0	3 7/8 x 3 3/4 x 4 1/2	8 1/4	12.23	11.33
TA-322	PC-8412	800	200	3.0	5.0	4 3/4 x 4 x 4	8 1/4	12.30	11.30
TA-323	PC-8414	1200	200	3.0	3.0	4 3/4 x 4 x 4 1/4	8 1/2	14.46	13.29

FILAMENT TRANSFORMERS

All primaries are 117 volt except * which is 6.3 and † which is 117/107.

Stock No.	Stan. No.	Volts	Amps	Insul.	Type	Shpg. Wt.	Net Each		
							1-9	10-24	
TA-245	P-3064	6.3CT	6.0	2,500	BV	2.4	2.3	4.88	
TA-230	P-6134	6.3CT	1.2	2,500	A	0.8	2.06	1.89	
TA-235	P-6308†	6.3CT	10.0	2,500	N	3.4	6.46	5.48	
TA-286	P-8190	6.3	1.2	5,000	A	1.0	2.70	2.42	
TA-287	P-8191*	6.3	1.2	5,000	A	1.0	2.91	2.67	
TA-237	P-6454	2.5CT	10.0	7,500	S	2.5	3.92	3.60	
TA-238	P-6455	5.0CT	6.0	2,000	S	2	4.24	3.90	
TA-262	P-6492	5.0CT	39.0	2,500	C	7.5	10.72	9.85	
TA-243	P-6462	6.3	3.0	7,000	S	2.0	5.47	5.04	
TA-239	P-6456	6.3CT	6.0	2,000	A	2.0	3.74	3.44	
TA-266	P-8130	12.6CT	2.0	1,500	A	1.4	3.36	3.09	
TA-246	P-6469	25.2	1.0	1,500	A	1.4	3.20	2.94	
TA-240	P-6457	7.5CT	21.0	2,000	C	8.0	12.44	11.42	
TA-241	P-6458	10.0CT	5.0	2,000	BV	3.0	4.61	4.23	

FILTER CHOKES

All rated 1500V ins. except * are 3000V and † are 2000V; all type A mtg. except † are C and ♦ are NV.

Stock No.	Stan. No.	Hys.	Ma	Ohms	Size	Wt. Lbs.	Net Each		
							1-9	10-24	
TA-147	C-1001*	10.5	110	225	2 5/8 x 4 x 2 1/4	2.3	3.52	3.23	
TA-153	C-1002	15.0	75	400	2 1/4 x 3 3/4 x 2 1/4	1.7	2.82	2.59	
TA-154	C-1003	16.0	50	580	2 x 3 1/4 x 1 3/4	1.1	2.13	1.95	
TA-146	C-1080	3.5	50	200	1 5/8 x 1 1/2 x 2 3/8	0.7	1.62	1.48	
TA-148	C-1215	9.0	50	500	1 5/8 x 2 7/8 x 1 1/2	0.7	1.57	1.44	
TA-135	C-1279	8.5	50	400	1 5/8 x 2 7/8 x 1 1/2	0.7	1.62	1.48	
TA-149	C-1325	5.0	50	250	1 5/8 x 2 7/8 x 1 1/2	0.7	1.62	1.48	
TA-150	C-1410*†	4.0	175	100	3 3/4 x 2 5/8 x 2 3/8	2.4	4.45	4.09	
TA-151	C-1411*†	4.5	200	80	3 3/8 x 3 x 3 1/8	3.5	5.56	5.10	
TA-152	C-1412*†	4.0	250	60	3 3/8 x 3 x 3 1/2	4.3	6.84	6.26	
TA-144	C-1421*†	7.0	140	165	3 3/4 x 2 5/8 x 2 3/8	2.5	4.59	4.18	
TA-155	C-1706	4.5	50	300	1 3/8 x 2 3/8 x 1 3/8	0.4	1.25	1.15	
TA-156	C-1707	7.0	50	550	1 3/8 x 2 3/8 x 1 3/8	0.4	1.39	1.28	
TA-157	C-1709	9.0	85	250	2 x 3 1/4 x 2	1.4	2.35	2.16	
TA-115	C-1710	7.0	150	200	2 5/8 x 4 x 2 1/4	2.2	3.53	3.24	
TA-158	C-1721*♦	8.5	200	120	3 3/8 x 3 1/8 x 3	4.4	7.35	6.75	
TA-159	C-1722*♦	8.0	300	80	4 5/8 x 3 3/4 x 3 1/2	7.3	10.82	9.94	
TA-160	C-2303†	2.5	130	100	2 x 3 1/4 x 1 3/4	1.0	2.20	2.02	
TA-161	C-2304	2.3	150	60	2 x 3 1/4 x 1 3/4	1.0	2.20	2.02	
TA-162	C-2309†	3.0	150	90	2 1/4 x 3 3/4 x 2 1/4	1.7	2.52	2.31	
TA-163	C-2325	2.0	200	60	2 1/4 x 3 3/4 x 2 1/4	1.8	2.79	2.56	
TA-164	C-2326	1.0	300	43	2 1/4 x 3 3/4 x 2 1/4	1.7	2.84	2.61	
TA-165	C-2327	1.5	200	85	1 5/8 x 2 7/8 x 1 1/2	0.8	1.76	1.62	
TA-166	C-2328	0.8	375	25	2 1/4 x 3 3/4 x 2	1.5	3.53	3.24	
TA-167	C-2334	2.8	300	60	2 5/8 x 2 1/4 x 4	2.5	3.46	3.18	

LAFAYETTE SHIPS IMMEDIATELY FROM COMPLETE STOCKS OF ELECTRONIC PARTS

ATTENTION QUANTITY PURCHASERS

WRITE, WIRE OR PHONE OUR INDUSTRIAL DIVISION FOR PRICES ON QUANTITIES UP TO 250.

UNIVERSAL OUTPUT TRANSFORMERS

Match single or push pull plates to any voice coil except * which matches to 500/333/200/125/50 ohms and † which matches to 500 ohms. All type A mtg.

Stock No.	Stan. No.	Primary	Watts	Size, Inch	Net Wt.	Net Each		
						1-9	10-24	
TA-13	A3250*	5K, 10, 20K CT	(15 ma)	2x3 1/4 x 1 3/4	1	4.11	3.77	
TA-23	A3822	7-10K	4	1 3/8 x 2 3/8 x 1 3/8	3/4	1.91	1.75	
TA-24	A3823	4-14K CT	8	1 3/8 x 2 3/8 x 1 1/2	3/4	3.30	3.03	
TA-25	A3825	1.5-4.5K	8	2x3 1/4 x 1 5/8	1 1/4	2.58	2.37	
TA-26	A3830	3.10K CT	20	2 1/4 x 3 1/4 x 2 1/4	2	4.41	4.05	
TA-28	A3841†	2.5, 4.5, 6, 7	10	2 1/4 x 3 1/4 x 2 1/4	1 1/2	4.90	4.50	
TA-29	A3848	7K-16K CT	5	1 3/8 x 2 3/8 x 1 3/8	3/4	2.55	2.34	
TA-30	A3849	1.5-10K	10	1 3/8 x 2 3/8 x 1 1/2	1	3.30	3.03	
TA-31	A3850	4-14K CT	8	2x2 3/4 x 1 1/2	1	3.25	2.99	
TA-32	A3852	4-14K CT	18	2 3/4 x 2 7/8 x 2	1 3/4	3.99	3.66	
TA-33	A3856	4-14K CT	4	1 3/8 x 2 3/8 x 1 3/8	1 3/4	2.84	2.61	
TA-12	A3870	4-14K CT	18	2x3 1/4 x 2	1 3/4	4.07	3.73	
TA-39	A3880	4-14K CT	15	2 1/4 x 3 3/4 x 2 1/2	1 3/4	4.30	3.95	

FIXED OUTPUT TRANSFORMERS

All are type A mtg. except *	Stock No.	Stan. No.	Primary	Watts	In. Mtg. Centers	come out side.			
						Shpg. Wt.	1-9	10-24	
	TA-10	A2312	14,000CT	4	10	2 3/8	1 1/4	2.79	2.56
	TA-11	A2313	7,000	8	10	2 1/4	1	2.50	2.29
	TA-14	A3304*	500/16/8/4	25	2x1 1/4	2 3/4	6.30	5.79	
	TA-15	A3311*	10K CT	500/15/8/4	25	2 1/2 x 2	3 1/2	6.77	6.22
	TA-16	A3327	25K	4	5	2	1/2	1.80	1.66
	TA-17	A3328	4,000	3.5	3	1 3/4	1/2	1.32	1.21
	TA-18	A3329	8,000	3.5	3	1 3/4	1/2	1.32	1.21
	TA-19	A3332	2,000	3.2	3	1 3/4	1/2	1.36	1.25
	TA-20	A3337	5K	6.8	10	2 3/4	1	2.28	2.10
	TA-21	A3800*	5,000CT	500/250/15/8/4	30	2 1/2 x 2	4	6.73	6.18
	TA-22	A3801*	6,600CT	500/250/15/8/4	35	2 1/2 x 2 3/8	5 1/4	8.58	7.88
	TA-27	A3831	10K CT	8/4/2	5	2 3/8	1	2.65	2.43
	TA-34	A3857	25M CT	4	5	2	3/4	2.55	2.16
	TA-35	A3876	2,000	4	5	2	3/4	1.45	1.33
	TA-36	A3877	5,000	4	5	2	3/4	1.45	1.33
	TA-37	A3878	7,000	4	5	2	3/4	1.49	1.37
	TA-38	A3879	10,000	4	5	2	3/4	1.45	1.33
	TA-104	A8093	10,000CT	4	10	1 1/2 x 2 7/8	1/2	2.13	1.95
	TA-105	A8094	4,000CT	8/16/32	7 1/2	2 1/4 x 3 3/8	1 1/2	3.99	3.66
	TA-106	A8114	7,600	3.2	5	2	1/2	1.72	1.58

DRIVER TRANSFORMERS

All type A mtg. 10,000 ohm primary, single plate to push-pull grids. Use between first audio and push-pull output. Ratio is pri. to 1/2 Sec.

Stock No.	Stan. No.	Pri. OC	Ratio	Size	Net Each		
					1-9	10-24	
TA-100	A-4713	30	2:1	1 3/8 x 2 7/8 x 1 1/2	2.08	1.91	
TA-101	A-4723	30</					

THORDARSON TRANSISTOR TRANSFORMERS



STACO

THORDARSON TRANSISTOR TRANSFORMERS

Usages indicated in application column are A-input, S-output, D-driver and J-inter-stage. All 50 milliwatt are type MAH 7/16x1/2x7/16; 150 MW are type BCH 11/16x13/16x5/8; 300 MW are type BAH 3/4x5/8x13/16. Average shpg. wt., 6 oz.

Stock No.	Thord. No.	Impedance		Turns Ratio	MW	Application	Net Each	
		Wind'g. 1	Wind'g. 2				1-9	10-24
TB-94	TR-1	500CT	500CT	1.00:1	300	D-J	3.91	3.59
TB-95	TR-2	5,000CT	7,500	1.23:1	150	D-J	3.91	3.59
TB-98	TR-5	490CT	150CT	1.81:1	150	D-S	3.91	3.59
TB-100	TR-7	10,000	2,000CT	2.24:1	150	D-J	3.91	3.59
TB-101	TR-8	48CT	4/8	2.45:1	300	S	3.91	3.59
TB-102	TR-9	5,000	30,000CT	2.45:1	150	A-J	3.91	3.59
TB-104	TR-11	500CT	50	3.16:1	150	D-S	3.91	3.59
TB-107	TR-14	20,000	1,200	4.08:1	150	AJ	3.91	3.59
TB-109	TR-16	400CT	16	5.00:1	150	S	3.91	3.59
TB-110	TR-17	20,000	800CT	5.00:1	150	A-D-J	3.91	3.59
TB-113	TR-20	650CT	16x8	6.22:1	150	S	3.91	3.59
TB-114	TR-21	160CT	4/8	7.47:1	300	S	3.91	3.59
TB-115	TR-22	400CT	4/8	7.07:1	300	S	3.91	3.59
TB-116	TR-23	10,000	200CT	7.07:1	150	D-S	3.91	3.59
TB-119	TR-26	50,000	500CT	10.0:1	150	A-D-S	3.91	3.59
TB-120	TR-27	500CT	3.2	12.50:1	150	S	3.91	3.59
TB-121	TR-28	200,000	1,000	14.00:1	300	A	3.91	3.59
TB-122	TR-29	825CT	3.4	15.60:1	150	S	3.91	3.59
TB-125	TR-32	9,800	15	25.50:1	150	A-S	3.91	3.59
TB-129	TR-36	500,000	200CT	50.00:1	300	A	4.15	3.81
TB-131	TR-38	6,000	5,000CT	1.09:1	50	D-J	4.88	4.48
TB-132	TR-39	4,000	2,600CT	1.24:1	50	D-J	4.41	4.05
TB-133	TR-40	10,000	2,000CT	2.24:1	50	D-J	4.88	4.48
TB-137	TR-44	20,000	1,200	5.75:1	50	A-J	4.88	4.48
TB-142	TR-49	500CT	10	7.06:1	50	S	4.26	3.92
TB-143	TR-50	200CT	3.2	7.90:1	50	S	4.32	3.97
TB-194	TR-101	350CT	4/12	5.22:1	150	S	3.91	3.59
TB-199	TR-106	20,000CT	1,200	4.08:1	150	A-J	3.91	3.59
TB-201	TR-108	5,000CT	80,000CT	4.00:1	150	A-J	3.91	3.59
TB-202	TR-109	10,000CT	4/8/16	24.60:1	150	A-S	3.91	3.59
TB-206	TR-113	400CT	4/8/16	5.00:1	300	S	3.91	3.59
TB-207	TR-114	500CT	4/8/16	5.60:1	300	S	3.91	3.59
TB-208	TR-115	700CT	4/8/16	6.63:1	300	S	3.91	3.59
TB-209	TR-117	2,500	4/8/16	12.50:1	300	S	3.91	3.59

POWER TRANSISTOR DRIVERS

All Type BAH. Shpg. wt., 1 lb.

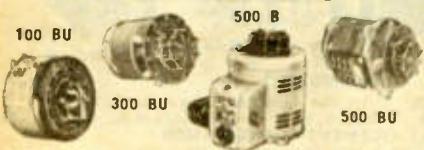
Stock No.	Thord. No.	Impedance		Primary MAOC	Watts	Mtg. Center	Net Each	
		Primary	Secondary				1-9	10-24
TB-157	TR-64	100	100CT	200	.5	1 3/4	2.41	2.21
TB-158	TR-65	100	200CT	200	.5	1 3/4	2.41	2.21
TB-159	TR-66	500CT	200CT	50	.5	1 3/4	2.50	2.30

HI-FI TRANSISTOR TRANSFORMERS

Completely Encased. Response ± 1/2db 20-20,000 cps. Type XAV Mntg. Centers 1 1/4". Shpg. wt., 1 lb.

Stock No.	Thord. No.	Impedance		Primary MAOC	Power in Watts	Net Each	
		Primary	Secondary			1-9	10-24
TB-160	TR-67	125CT	8	50*	1.5	6.29	5.78
TB-161	TR-68	5000	3000CT	20*	.20	6.91	6.35

STANDARD ELECTRIC "ADJUST-A-VOLT" VARIABLE TRANSFORMERS



TYPE 100 BU. Low power applications. Allows high initial surge current and temp. overloads. Output from 0 to 132V. Max. output current 1.25 amps. Max. load 165 VA. For 120V 50-60 cycle AC. Mounts on 1/4" panel. 2" dial calibrated 0-100%. 2 1/4" dia. dia., 2 3/8" behind panel. Wt., 2 lbs.

TD-150. Lots of 6, ea. 6.80 Singly, Net 8.33

300 BU. For light-control, small ovens, speed regulation of brush connected AC motors, etc. Several may be ganged. Dial plate for C.W. or C.C.W. operation. Can be wired to deliver 0-115 or 0-135 volts. Max. load 400VA. Max. current 3 amps. For 115V. 50/60 cps AC. Size 3 1/4" dia. x 3 3/4" depth behind panel. 4" dial. Wt., 6 lbs.

TD-151. Lots of 6, ea. 10.00 Singly, Net 12.25

Type 500B. For lab. and industrial voltage control. Supplied with line cord, plug, receptacle, pilot light tap, on-off switch and fuse. Input 115V 50-60 cycle. Output variable 0-135V. Max. output current 7.5 amps. Max. load 1 kVA. Size 6 1/2x4 1/2" diam. Cased. Shpg. wt., 12 lbs.

TD-152. Lots of 6, ea. 18.40 Singly, Net 22.54

Type 500 BU. Same ratings as above, but may be connected for output of 0-115V or 0-135V, and C.W. or CCW operation. Adjustable shaft. Uncased. 5x4 1/2" diam.

TD-153. Lots of 6, ea. 14.40 Singly, Net 17.64



RAYTHEON 'VR' VOLTAGE REGULATORS

Automatic, magnetic AC line stabilizers, for applications requiring constant output of 115 volts ± 1/2%. Quick response corrects for input fluctuations of up to 15%. Can be paralleled for power-handling capacities greater than individual load ratings. 60 cycle AC. *Isolated Secondary.

Stock No.	Type No.	Watts	Size (")	Fig.	Input		WT. Lbs.	Output		
					V	V		1-4 Ea.	5-9	10-24
TD-100	VR6110	15	6 1/4x2 3/4x3	A	95-130	115	4	16.00	14.40	13.60
TD-101	VR61F0*	15	5 3/4x2 3/4x4 1/4	A	95-130	6.3	4	16.00	14.40	13.60
TD-102	VR6100*	15	3 1/4x2 3/4x4 1/4	—	95-130	6.3	6	23.00	20.70	19.55
TD-103	VR6710A	25	7 3/8x3 3/8x3 3/8	—	95-130	6.0	4	17.00	15.30	14.45
TD-104	VR6101*	30	7 1/2x3 3/8x4 1/8	B	95-130	6/7.5	5	18.00	16.20	15.30
TD-105	VR6111	30	7 1/2x3 3/8x4 1/8	B	95-130	115	5	20.00	18.00	17.00
TD-107	VR6221	30	7 1/2x3 3/8x4 1/8	B	190-260	230	5	20.00	18.00	17.00
TD-108	VR6112	60	7 1/2x3 3/8x4 1/8	B	95-130	115	8	25.00	22.50	21.25
TD-110	VR6222	60	7 1/2x3 3/8x4 1/8	B	190-260	230	8	28.00	25.20	23.80
TD-111	VR6113	120	7 1/2x3 3/8x5 1/8	B	95-130	115	14	33.00	29.70	28.05
TD-113	VR6114	250	12 3/8x5 7/8	B	95-130	115	25	49.00	44.10	41.65
TD-114	VR6115	500	12 3/8x5 7/8	B	95-130	115	45	77.00	69.30	65.45
TD-115	VR6116	1000	13 3/4x14 1/4x9 3/4	BC	190-260	230	92	128.00	115.20	108.80
TD-116	VR6223	120	7 1/2x3 3/8x5 1/8	B	190-260	230	14	34.00	30.60	28.90
TD-117	VR6224	250	12 3/8x5 7/8	B	190-260	230	25	54.00	48.60	45.90
TD-118	VR6225	500	12 3/8x5 7/8	B	190-260	230	45	85.00	76.50	72.25
TD-119	VR6226	1000	36 3/4x14 1/4x9 3/4	C	190-260	230	185	140.00	126.00	119.00
TD-120	VR6227	2000	36 3/4x14 1/4x10 1/4	C	190-260	230	185	250.00	225.00	212.50

Industrials—Write for prices on larger quantities.

Cord Assemblies For Above Cord, plug, socket and mtg. plate assemblies.

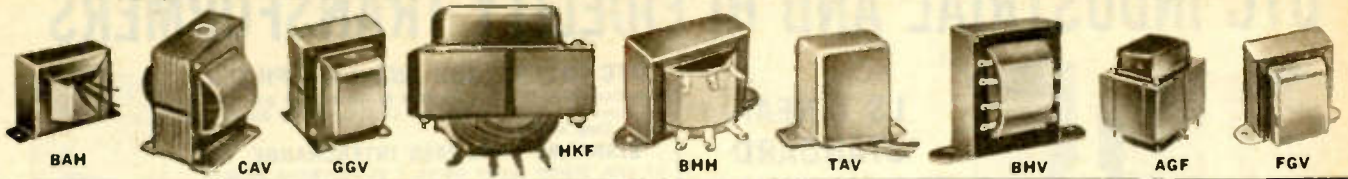
TD-106 for models VR6101, 6111, 6112 and 6113

TD-109 for models VR6114, 6115, and 6116

Net 1.75

Net 2.00

THORDARSON TELEVISION AND AUDIO TRANSFORMERS



ATTENTION INDUSTRIAL BUYERS

WRITE, WIRE OR PHONE OUR INDUSTRIAL DIVISION FOR PRICES IN LARGER QUANTITIES.

FILAMENT TRANSFORMERS

All primaries are 117 Volt 50/60 cycle except * which is 6.3V.

Stock No.	Thord No.	Mtg. Type	Secondary		Insul.	Shpg. Wt. Lbs.	Net Each	
			Volts	Amps			1-9	10-24
TB-36	21F03	BAV	5 CT	3.0	2500	1.0	4.46	4.10
TB-38	21F08	BAV	6.3 CT	1.0	2500	1.0	2.20	2.03
TB-39	21F09	BAH	6.3 CT	1.2	2500	1.0	2.20	2.03
TB-40	21F10	BAH	6.3 CT	3.0	2500	1.25	3.56	3.27
TB-41	21F11	CAV	6.3 CT	6.0	2500	2.75	5.19	4.77
TB-42	21F12	CAV	6.3 CT	10	2500	3.25	6.60	6.07
TB-43	21F27	BAH	26.5 CT	.6	3000	1.25	2.45	2.25
TB-48	26F60	BAH	6.3	1.2	5000	1.25	1.73	1.60
TB-49	26F61	BAH	5 CT	3.0	2500	2.5	4.92	4.52
			6.3	3.6	2500			
TB-50	26F63	BAV	6.3	3.0	5000	2.0	3.46	3.20
			6.3	3.0	5000		1.85	1.72
TB-52	26F65*	BAH	6.3	1.2	5000	1.25	2.16	1.98
TB-53	26F67	BAH	12.6 CT	2.0	2500	1.0	4.22	3.98
TB-54	26F69	HKF	6.3	3	2500	3.0	7.94	6.37
			6.3	6			8.59	7.89
TB-45	21F34	BAH	2.5 CT	1.5	2500	.7	1.89	1.74
TB-46	21F35	BAH	2.5 CT	2.5	2500	.7	4.97	4.57
TB-34	21F01	BAV	2.5 CT	10	2500	1.5	7.94	6.37
TB-35	21F02	CAV	2.5 CT	10	10000	2.75	8.59	7.89
TB-37	21F06	CAV	5.0 CT	13	2500	3.25	2.26	2.08
TB-47	21F40	BAV	6.3 CT	3	2500	1.0	3.12	2.89
TB-33	21F09	BAV	2.5 CT	5	2500	1.0	2.39	2.20
TB-44	21F31	BAV	2.5 CT	5	7500	1.5		

FILTER CHOKES

All chokes are BAH mounting type except * bnes which are mounting type GGV.

Stock No.	Thord No.	Hys.	Ma	Ohms	Size	Lbs.	Net Each	
							1-9	10-24
TB-23	20C49	5	150	58	2½x2½x4	2.5	4.47	4.11
		4.5	200					
		4	250					
TB-24	20C53	17	60	375	2x2½x3¼	1.5	2.77	2.52
		12	80					
		8	100					
TB-25	20C54*	12	100	145	3¼x2½x2¾	3.0	4.86	4.46
		8	150					
		4	200					
TB-26	20C55*	9	150	75	3½x2¾x3¼	3.5	6.22	5.72
		6	200					
		2	300					
TB-28	26C41	1.5	200	90	1½x1½x2¾	0.7	1.89	1.74
TB-29	26C42	4.2	50	200	1½x1½x2¾	0.5	1.71	1.58
TB-30	26C43	2	200	50	2x1½x3¼	1.0	3.05	2.83
TB-31	26C44	1	300	60	2x2½x3¼	1.5	3.52	3.23
TB-32	26C45*	10	200	140	3½x2¾x4¼	4.9	7.62	7.00

AUDIO INPUT TRANSFORMERS

20A00 electrostatic shielded. *Response, 250-3500 cps. †Response, 60-7500 cps; hum-bucking construction. All Fig. BAH except 20A01, Fig. FGV. Av. Shpg. wt., 1 lb.

Stock No.	Thord No.	Turns Ratio	Application	Mtg. Ctrs., In.	Net Each	
					1-9	10-24
TB-10	*20A00	1:10	Line or mic to sgl. or PP grids	2	3.77	3.47
TB-11	†20A01	1:20	Line or mic to sgl. grid	2½	4.90	4.50
TB-12	*20A04	1:80	Voice coil or mic to grid	2	2.12	1.94
TB-13	20A10	1:20	Line or mic to sgl. grid	2½	4.55	4.18

UNIVERSAL LINE-TO-VOICE COIL

Fig. BHM. Secondary taps marked with impedance values. *Also marked for 70 v. power distribution service.

Stock No.	Thord No.	Primary Impedance	Sec. Imp.	Watts	Wt. Lbs.	Net Each	
						1-9	10-24
TB-68	22S80	500, 600		8	2½	4.87	4.47
TB-69	22S82	2000/1500		25	2½	5.66	5.20
TB-70	22S83	1000/500	3.2, 8, 16	15	2½	4.72	4.34
TB-86	24S66	2000, 1500	3.2, 8	10	1½	3.12	2.89
		1000, 500					
TB-85	24S62*	3000, 2500					
		2000, 1500					
		1000, 500	.06—48	25	2½	6.16	5.66

ECONOMY "24" POWER TRANSFORMERS

Types ending with U are for upright mounting Fig. GGV. Others have adjustable brackets to allow flush, vertical or horizontal mounting Fig. AGF. All have 110-120 volt 50-60 cycle primaries. Fil. 1 windings are CT. **All plate windings are center-tapped.

Stock No.	Thord No.	Plate		Rect.		Fil. 1		Mtg. Ctrs., In.	Wt. Lbs.	Net Each	
		V**	MA	V	A	V	A			1-9	10-24
TB-55	24R00	480	40	5	2	6.3	2.0	2x2½	2	6.05	5.55
TB-51	24R00-U	480	40	5	2	6.3	2.0	2x1½	2	5.79	5.32
TB-56	24R01	650	40	5	2	6.3	2.0	2x2½	2¾	6.04	5.54
TB-62	24R01-U	650	40	5	2	6.3	2.0	2x1½	2¾	6.04	5.54
TB-57	24R02	700	70	5	2	6.3	2.5	2½x2¾	4	7.87	7.23
TB-58	24R04	700	90	5	3	6.3	3.5	2½x2¾	4¼	8.57	7.87
TB-53	24R04-U	700	90	5	3	6.3	3.5	2½x2¾	4¼	8.57	7.23
TB-59	24R05	700	120	5	3	6.3	4.7	2½x3½	5¾	9.25	8.50
TB-64	24R05-U	700	120	5	3	6.3	4.7	2½x2¾	5¾	9.25	8.50
TB-60	24R06	750	150	5	3	6.3	4.7	2½x3½	6¾	13.50	12.08
TB-71	24R06-U	750	150	5	3	6.3	4.7	2½x2¾	6¾	12.61	11.58
TB-61	24R07	800	200	5	3	6.3	5.0	3x3¼	9¾	13.19	12.11
TB-72	24R07-U	800	200	5	3	6.3	5.0	3x3¼	9¾	13.15	12.08

UNIVERSAL AUDIO OUTPUT

Stock No.	Thord No.	Primary Impedance	Sec IMP	Watts	Mtg. Type	Mtg. Ctrs.	Wt. Lbs.	Net Each	
								1-9	10-24
TB-83	24S60	4000/7000/8000/10000/14000 CT.	.1-30	4	BHM	2	½	2.83	2.60
TB-84	24S61	Same as above	.1-30	8	BHM	2¾	1	2.83	2.60
TB-87	26S46	Same as above	.1-30	18	BHV	2¾	1½	3.08	2.83
TB-73	22S87	2000/3500/8000/14000 CT.	3.5/8	6	BAH	2¾	¾	4.40	4.04
TB-74	22S88	Same as above	3.5/8	8	BAH	2¾	1	4.40	4.04
TB-27	22S62	1500/2000/2500/3000/4000 CT.	.1-30	8	BHM	2¾	1¼	4.34	3.99
TB-67	22S60	2500/4000 CT.	3.5/8	10	BAH	2¾	1¼	4.28	3.93
TB-66	22S58	5000/7000 CT.	3.5/8	10	BAH	2¾	1¼	3.45	3.17
TB-65	22S56	8000/10000 CT.	3.5/8	10	BAH	2¾	1¼	3.45	3.17

FIXED AUDIO OUTPUT

Units marked * are humbucking with 3% and 6% taps. All are BAH-BAV mounting types and have 3.2 ohms secondary. 26S59 also has 8 and 16 ohm secondary.

Stock No.	Thord No.	Pri. Imp.	Watts	Mtg. Ctrs.	Wt. Lbs.	Net Each	
						1-9	10-24
TB-77	24S48	4000-5000	5	1½	½	1.43	1.31
TB-78	24S49	7000-8000	5	1½	½	1.43	1.31
TB-79	24S50	2000	5	2	½	1.55	1.42
TB-20	24S50A*	2000	5	2	½	2.20	2.03
TB-80	24S51	5000	5	2	½	1.55	1.42
TB-21	24S51A*	5000	5	2	½	2.36	2.17
TB-81	24S52	7000-10000	5	2	½	1.60	1.47
TB-82	24S54	15000-25000	5	2	½	1.71	1.58
TB-88	26S47	14000 CT.	12	2¾	1	2.99	2.75
TB-89	26S48	7000	8	2¾	¾	2.52	2.31
TB-90	26S49	5000	8	2¾	¾	2.20	2.03
TB-91	26S50	3500	8	2¾	¾	2.52	2.31
TB-92	26S58	2500	3	1½	½	1.70	1.56
TB-93	26S59	10000 CT.	10	2¾	1	3.30	3.03

AUDIO INTERSTAGE TRANSFORMERS

Primary current, 8 ma. All Fig. BAH except 20A23 Fig. FGV and 20A29, Fig. BAV. Av. Shpg. wt., 1¼ lbs.

Stock No.	Thord No.	Turns Ratio	Application	Mtg. Ctrs.	Net Each	
					1-9	10-24
TB-15	20A16	1:2	Sgl. plate to sgl. or PP grids	2"	2.96	2.17
TB-17	20A19	1:3	Plates to grids, sgl. or PP	2¾"	2.85	2.43
TB-18	20A22	1:3	Sgl. plate to sgl. or PP grids	2¾"	3.27	3.03
TB-19	20A23	1:3	Sgl. Plate to sgl. or PP grids	2¾"	5.98	5.48
TB-22	20A29	1:1:1:1	Univ. car radio interstage	2"	3.27	3.03

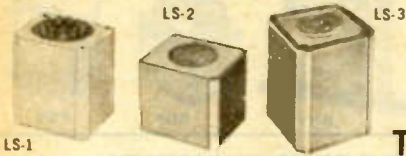
TUBE-TO-LINE TRANSFORMERS (LOW LEVEL)

Rated 8 Watts. Primary for single or PP plates. Frequency response 60-15,000 cps. 22S91 has hum-bucking construction. Shpg. wt., 1¼ lbs.

Stock No.	Thord No.	Fig.	Pri.	Sec.	Ctrs.	NET EACH	
						1-9	10-24
TB-75	22S90	FGV	20,000 CT.	125,200,500	2¾	4.40	4.04
TB-76	22S91	BAH	20,000 CT.	125,200,500	2¾	4.10	3.76

SHIPPING WEIGHTS IN THIS CATALOG ARE APPROXIMATE

UTC INDUSTRIAL AND HI FIDELITY TRANSFORMERS



LS LINEAR STANDARD TRANSFORMERS

Fill all the most critical broadcast specifications. Each is guaranteed to meet or exceed the frequency response indicated. All have HiPerm-alloy cores, plus multiple section, interleaved windings in a semitoroidal coil structure. Minimum hum pickup is achieved by use of a high conductivity outer case and hum-balancing coil structure. Case size and shpg wt.,
 LS-1—3½x2½x3¼—4 lbs. . . LS-2—4¾x3½x4¾—8 lbs. . . LS-3—5½x5x4¼—16 lbs.

LINEAR STANDARD OUTPUTS

± 1db 7-50,000 cps except † 10-50,000 for P.P. output tubes. LS-35 & LS-65 for class AB feedback with 43% and 40% screentap respectively. All in LS-2 case except * in LS-3 case.

STOCK NO.	UTC TYPE	PRIM IMP	SEC IMP	MAX WATTS	1-24 EA	25-99 EA	100 UP EA
TC-121	LS-52	8000	500, 333, 250	20	23.52	20.40	19.20
TC-123	LS-55	5000, 3000	200, 125, 50, 30	20	23.52	20.40	19.20
TC-125	LS-58*†	2500, 1500	20, 15, 10, 7.5,	40	55.86	48.45	45.60
TC-126	LS-61	10,000, 6000	5, 2.5, 1.2	20	23.52	20.40	19.20
TC-108	LS-6L1*	9000		30	35.28	30.60	28.80
TC-122	LS-54	8000	30, 20, 15	20	20.58	17.85	16.80
TC-124	LS-57	5,000, 3000	10, 7.5, 5,	20	20.58	17.85	16.80
TC-127	LS-63	10,000, 6,000	2.5, 1.2	20	20.58	17.85	16.80
TC-118	LS-35*	5,000 CT	4, 8, 16	35	23.52	20.40	19.20
TC-128	LS-65*	3300 CT	4, 8, 16	60	41.16	35.70	33.60

LINEAR STANDARD INTERSTAGE

For single plate to push-pull grids. Freq. response LS-19 20-20K ± 1DB; LS-21-10-20K. Max. level 100MW. * = SPLIT SEC. † = SPLIT PRIM. AND SEC. Type LS-1 cases.

STOCK NO.	UTC TYPE	PRIM IMP	SEC. IMP.	ANO RATIO	1-24 EA	25-99 EA	100 UP EA
TC-113	LS-19*	15,000	95,000 OHMS:	1.25:1 each side	19.11	16.58	15.60
TC-114	LS-21†	15,000	135,000 OHMS:	3:1 OVERALL	23.52	20.40	19.20

LINEAR STANDARD LOW IMP. TO GRID AND MIXING

For low imp. mike, pickup or multiple line to push-pull grids or multiple line. All ± 1db 20-20,000 cps. except * 7-50,000. Unbalanced DC in primary .5 MA except † is .3. Type LS-1 cases.

STOCK NO.	UTC TYPE	PRIMARY IMP	SEC IMP	MAX LEV	REL HUM	1-24 EA	25-99 EA	100 UP EA
TC-109	LS-10		60K-2 Sect	+19	-74	23.52	20.40	19.20
TC-110	LS-10X		50,000	+17	-92	23.52	20.40	19.20
TC-111	LS-12	50, 125/150,	120K-2 Sect.	+19	-74	26.46	22.95	21.60
TC-112	LS-12X	200, 250, 333	80,000—Split	+17	-92	23.52	20.40	19.20
TC-115	LS-30*	500/600	Same as Prim	+23	-74	23.52	20.40	19.20
TC-116	LS-30X†	OHMS	Same as Prim	+20	-92	26.46	22.95	21.60

LINEAR STANDARD PLATE TO LINE

Type LS-50 for single plate, LS-51 for P.P. plates. Freq. ± 1DB 10-40,000 CPS. Rel. hum = 74DB. Case Type LS-1

STOCK NO.	UTC TYPE	PRIM IMP	SEC IMP	MAX LEVEL	1-24 EA	25-99 EA	100 UP EA
TC-119	LS-50	15,000	50, 125/150, 200	200 MW	23.52	20.40	19.20
TC-120	LS-51	30,000	250, 333, 500/600	250 MW	26.46	22.95	21.60

LINEAR STANDARD HIGH LEVEL MATCHING

UTC Type LS-33 high level matching transformer with primary impedances of 50, 125/150, 200, 250, 333, 500/600 ohms; secondary impedances 1.2, 2.5, 5, 7.5, 10, 15, 20, 30, 50, 125/150, 200, 250, 333, 500/600. Freq. response ± 1DB 10-40,000 cps. Max. level 20 watts. Type LS-2 case.

TC-117 Lots of 24 each 23.52
 Lots of 25-99 ea. 20.40. Lots 100 up ea. 19.20

UTC HERMETIC VARIODUCTOR

These variable inductors are hermetically sealed to MIL-T-27A specifications and provide exceptionally wide inductance range of +200%, -70% of nominal value through adjusting screw at top of case. High stability. 1½Lx¾Wx1¼"H. Shpg. wt., 4 oz.

* DC MA shown is Max., will effect some reduction in inductance and Q.

STOCK NO	UTC TYPE	MIN HYS	MEAN HYS	MAX HYS	DC MA*	1-24 EA	25-99 EA	100 UP EA
TC-82	HVC-1	.002	.006	.02	100	8.82	7.65	7.20
TC-83	HVC-2	.005	.015	.05	60	8.82	7.65	7.20
TC-84	HVC-3	.011	.040	.11	40	8.82	7.65	7.20
TC-85	HVC-4	.03	.1	.3	30	8.82	7.65	7.20
TC-86	HVC-5	.07	.25	.7	20	8.82	7.65	7.20
TC-87	HVC-6	.2	.6	2	15	8.82	7.65	7.20
TC-88	HVC-7	.5	1.5	5	10	9.41	8.16	7.68
TC-89	HVC-8	1.1	4	11	7	9.41	8.16	7.68
TC-90	HVC-9	3	10	30	5	9.41	8.16	7.68
TC-91	HVC-10	7	25	70	3.5	9.70	8.42	7.92
TC-92	HVC-11	20	60	200	2	10.58	9.18	8.64
TC-93	HVC-12	50	150	500	1.5	11.76	10.20	9.60

UTC INTERSTAGE AND LINE FILTERS

Hermetically sealed cases, shielded to reduce hum pick-up. UTC types BMI, LMI and BML are 1¾x1¼x1½"H. Others 2½" H. Shpg. wt., 9 oz.

STANDARD BAND-PASS INTERCHANGE

2:1 gain. Sharply peaked approx. 2 db attenuation within 3% of center frequency, atten. of 40 db per octave. BMI types have input 10,000 ohms, output to grid. BML types input 500/600 ohms, output to grid.

STOCK NO.	UTC TYPE	CPS	STOCK NO.	UTC TYPE	CPS
TC-10	BMI-60	60	TC-15	BMI-750	750
TC-11	BMI-100	100	TC-187	BMI-800	800
TC-12	BMI-120	120	TC-16	BMI-1000	1000
TC-13	BMI-400	400	TC-17	BMI-1500	1500
TC-14	BMI-500	500	TC-188	BMI-2000	2000
TC-18	BMI-3000	3000	TC-19	BMI-10,000	10,000
TC-189	BMI-4000	4000	TC-20	BML-400	400
TC-190	BMI-5000	5000	TC-21	BML-1000	1000

ANY OF ABOVE 1-24 29.40 25-99 25.50 100-up ea. 24.00

BAND PASS UNITS FOR TRANSISTOR INTERCHANGE

Same specs. as type BMI but with 10,000 ohms output for transistor applications.

STOCK NO.	UTC TYPE	CPS	STOCK NO.	UTC TYPE	CPS
TC-196	BTI-60	60	TC-199	BTI-440	440
TC-197	BTI-100	100	TC-200	BTI-600	600
TC-198	BTI-120	120			

ANY OF ABOVE 1-24 35.28 25-99 30.60 100 up ea. 28.80

HIGH PASS TYPES

UTC HMI types have loss of less than 6 db at cutoff freq. and attenuation of 35 db at .67 cutoff freq. Input and output 10,000 ohms. Input and output 500/600 ohms.

STOCK NO.	UTC TYPE	CPS	STOCK NO.	UTC TYPE	CPS
TC-75	HMI-200	200	TC-77	HMI-1000	1000
TC-214	HMI-400	400	TC-216	HMI-2000	2000
TC-76	HMI-500	500	TC-78	HMI-3000	3000
TC-215	HMI-800	800			

ANY OF ABOVE 1-24 ea. 30.87 24-99 ea. 26.78 100 up ea. 25.20

Type HML Same specs. as HMI above except input and output 500/600 ohms.

STOCK NO.	UTC TYPE	CPS	STOCK NO.	UTC TYPE	CPS
TC-79	HML-200	200	TC-80	HML-500	500
TC-217	HML-300	300	TC-81	HML-1000	1000

ANY OF ABOVE 1-24 ea. 38.22 25-99 ea. 33.15 100-up ea. 31.20

LOW PASS TYPES

UTC LMI types have same specs as HMI; type LML same specs as LMI.

STOCK NO.	UTC TYPE	CPS	STOCK NO.	UTC TYPE	CPS
TC-94	LMI-200	200	TC-220	LMI-1500	1500
TC-218	LMI-400	400	TC-97	LMI-2000	2000
TC-95	LMI-500	500	TC-98	LMI-2500	2500
TC-219	LMI-800	800	TC-99	LMI-3000	3000
TC-96	LMI-1000	1000	TC-221	LMI-4000	4000
TC-100	LMI-5000	5000	TC-103	LMI-2500	2500
TC-222	LMI-10000	10000	TC-104	LMI-4000	4000
TC-101	LML-1000	1000	TC-105	LML-8000	8000
TC-223	LML-1500	1500	TC-106	LML-10000	10,000
TC-102	LML-2000	2000	TC-107	LML-12000	12,000

ANY OF ABOVE 1-24 ea. 30.87 25-99 ea. 26.78 100 up ea. 25.20

UTC MINIFILTERS

Miniaturized version of interstage and line filters shown above, with almost identical specs. BPM types ¾x¾x1¼", wt. 1 oz. Others 1x1x1¾", weight 2¼ oz. Hermetically sealed to MIL-T-27A and MIL-F-18327 specs.

BAND PASS TYPES

2:1 gain. Atten. approx 2 db and 35 db per octave. Input 10,000 ohms, output to grid, tapped for 10K ohms for transistor circuits. Continuity on grid side for tube circuits, on input side for transistor.

STOCK NO	UTC TYPE	CPS	STOCK NO.	UTC TYPE	CPS
TC-191	BPM-400	400	TC-241	BPM-2000	2000
TC-192	BPM-500	500	TC-242	BPM-3000	3000
TC-193	BPM-750	750	TC-243	BPM-4000	4000
TC-194	BPM-1000	1000	TC-244	BPM-5000	5000
TC-195	BPM-1500	1500	TC-245	BPM-10000	10,000

ANY OF ABOVE 1-24 ea. 26.46 25-99 ea. 22.95 100 up ea. 21.60

HIGH PASS AND LOW PASS

HPM (High pass) and LPM (low pass) are down less than 6 db at cutoff frequency and 40 db at .6 and 1.65 cut-off freq. respectively. Input and output 10,000 ohms.

STOCK NO.	UTC TYPE	CPS	STOCK NO.	UTC TYPE	CPS
TC-212	HPM-500	500	TC-246	LPM-1000	1000
TC-213	HPM-1000	1000	TC-247	LPM-2000	2000
TC-224	LPM-200	200	TC-248	LPM-3000	3000
TC-225	LPM-500	500	TC-249	LPM-5000	5000

ANY OF ABOVE 1-24, ea. 29.40 25-99, ea. 25.50 100 up, ea. 24.00

UTC TRANSFORMERS

UTC "DIT" AND "DOT" TRANSISTOR TRANSFORMERS

Metal cased, hermetically sealed to MIL-T-27A grade 4 specs.
Uses: I—INTERSTAGE, O—OUTPUT, D—DRIVER, L—LINE TO LINE, X—ISOLATION. "DIT"
SIZE: $\frac{3}{8}$ " Diam. x $\frac{1}{4}$ " L. Wt. = .05 Oz. "DOT" SIZE: $\frac{3}{8}$ " Diam. x $\frac{1}{2}$ " L. Wt. 1.10 oz. Shpg. wt., 1.0z

"DIT" TRANSFORMERS

STOCK NO.	UTC TYPE USE	MW LEVEL	PRIM IMP	SEC IMP	1-24 25-99 100-UP		
					EA	EA	EA
TC-201	DI-T1	I	50 20K/30K	800/1200	5.88	5.10	4.80
TC-22	DI-T2	O	100 500/600	50/60	5.29	4.59	4.32
TC-23	DI-T3	O	100 1K/1200	50/60	5.29	4.59	4.32
TC-202	DI-V5	D	100 1200	3.2	5.29	4.59	4.32
TC-25	DI-T9	O, D	100 10K/12K	500CT/600CT	6.47	5.61	5.28
TC-26	DI-T10	D	100 10K/12,500	1200CT/1500CT	6.47	5.61	5.28
TC-27	DI-T11	D	100 10K/12,500	2K CT/2500CT	6.47	5.61	5.28
TC-28	DI-T19	O	500 300CT	600	5.88	5.10	4.80
TC-29	DI-T20	O, L	500 500CT	600	5.88	5.10	4.80
TC-203	DI-T21	O	500 900CT	600	5.88	5.10	4.80
TC-31	DI-T23	I	100 20K CT/30K CT	800CT/1200CT	5.88	5.10	4.80
TC-30	DI-T22	O	500 1500CT/600	600/1500CT	5.88	5.10	4.80
TC-32	DI-T25	I	100 10K CT/12K CT	1500CT/1800CT	7.06	6.12	5.76
TC-36	DI-T36	I, X	100 10K CT/12K CT	10K CT/12K CT	7.35	6.38	6.00
TC-24	DI-T8	Reactor,	2.5 HYS @ 2 MADC		4.70	4.08	3.84
TC-33	DI-T26	Reactor,	4.5 HYS @ 2 MADC		5.59	4.85	4.56
TC-34	DI-T27	Reactor,	.9 HYS @ 2 MADC		4.70	4.08	3.84
TC-35	DI-T28	Reactor,	.1 HYS @ 4 MADC		4.70	4.08	3.84
TC-37	DI-TSH	Hiperm Shield For All "Dits"			.88	.77	.72

UTC "DOT" TRANSISTOR TRANSFORMERS

STOCK NO.	UTC TYPE USE	MW LEVEL	PRIM IMP	SEC IMP	1-24 25-99 100-UP		
					EA	EA	EA
TC-38	DO-T1	I	50 20K/30K	800/1200	5.88	5.10	4.80
TC-39	DO-T2	O	100 500/600	50/60	5.29	4.59	4.32
TC-40	DO-T3	O	100 1K/1200	50/60	5.29	4.59	4.32
TC-41	DO-T4	O	100 600	3.2	5.29	4.59	4.32
TC-42	DO-T5	O	100 1200	3.2	5.29	4.59	4.32
TC-43	DO-T6	O	100 10K	3.2	5.88	5.10	4.80
TC-44	DO-T7	O	25 2000/500	1K/100K	6.47	5.61	5.28
TC-46	DO-T9	D, O	100 10K/12K	500CT/600CT	6.47	5.61	5.28
TC-47	DO-T10	D	100 10K/12,500	1200CT/1500CT	6.47	5.61	5.28
TC-48	DO-T11	D	100 10K/12,500	2K CT/2500CT	6.47	5.61	5.28
TC-49	DO-T12	O	500 150CT/200CT	12/16	5.59	4.85	4.56
TC-50	DO-T13	O	500 300CT/400CT	12/16	5.59	4.85	4.56
TC-51	DO-T14	O	500 600CT/800CT	12/16	5.88	5.10	4.80
TC-52	DO-T15	D	500 800CT/1070CT	12/16	5.88	5.10	4.80
TC-53	DO-T16	O	500 1K CT/1330CT	12/16	5.88	5.10	4.80
TC-54	DO-T17	O	500 1500CT/2K CT	12/16	5.88	5.10	4.80
TC-55	DO-T18	O	500 7500CT/10K CT	12/16	6.17	5.36	5.04
TC-56	DO-T19	O	500 300CT	600	5.88	5.10	4.80
TC-57	DO-T20	O, L	500 500CT	600	5.88	5.10	4.80
TC-58	DO-T21	O	500 900CT	600	5.88	5.10	4.80
TC-59	DO-T22	O	500 1500CT/600	600/1500CT	5.88	5.10	4.80
TC-60	DO-T23	I	100 20 KCT/30 KCT	800CT/1200CT	6.76	5.87	5.52
TC-61	DO-T24	I	25 200KCT/500KCT	1KCT/100KCT	7.35	6.38	6.00
TC-62	DO-T25	I	100 10KCT/12KCT	1500CT/1800CT	7.06	6.12	5.76
TC-66	DO-T29	O	500 120CT/150CT	3/2/4	5.59	4.85	4.56
TC-67	DO-T30	O	500 320CT/400CT	3/2/4	5.59	4.85	4.56
TC-68	DO-T31	O	500 640CT/800CT	3/2/4	5.88	5.10	4.80
TC-69	DO-T32	O	500 800CT/1KCT	3/2/4	5.88	5.10	4.80
TC-70	DO-T33	O	500 1060CT/1330CT	3/2/4	5.88	5.10	4.80
TC-71	DO-T34	O	500 1600CT/2KCT	3/2/4	5.88	5.10	4.80
TC-72	DO-T35	O	100 8KCT/10KCT	3/2/4	6.17	5.36	5.04
TC-73	DO-T36	I, X	100 10KCT/12KCT	10KCT/12KCT	7.35	6.38	6.00
TC-204	DO-T37	I, X	100 2KCT/2500CT	10K SPLIT 8K SPLIT	7.64	6.63	6.24
TC-205	DO-T38	I	100 10KCT/12KCT	2400 SPLIT 2K SPLIT	7.64	6.63	6.24
TC-206	DO-T39	I	100 20KCT/30KCT	1500 SPLIT 1K SPLIT	7.64	6.63	6.24
TC-207	DO-T40	I	50 40KCT/50KCT	500 SPLIT 400 SPLIT	8.23	7.14	6.72
TC-208	DO-T41	I, O	500 400CT/500CT	500 SPLIT 400 SPLIT	7.35	6.38	6.00
TC-209	DO-T42	I	500 400CT/500CT	150 SPLIT 120 SPLIT	7.35	6.38	6.00
TC-210	DO-T43	I	500 400CT/500CT	50 SPLIT 40 SPLIT	7.35	6.38	6.00
TC-211	DO-T44	I	500 80CT/100CT	40 SPLIT 32 SPLIT	7.35	6.38	6.00
TC-45	DO-T8	Reactor,	3.5 HYS @ 2 MADC		4.70	4.08	3.84
TC-63	DO-T26	Reactor,	6 HYS @ 2 MADC		5.59	4.85	4.56
TC-64	DO-T27	Reactor,	1.25 HYS @ 2 MADC		4.70	4.08	3.84
TC-65	DO-T28	Reactor,	.3 HYS @ 4 MADC		4.70	4.08	3.84
TC-74	DO-TSH	Hiperm Shield For All "Dots"			.88	.77	.72

UTC SUB OUNCERS

Construction & "Use" column same as sub-sub unceners listed on this page. Size $\frac{1}{2}$ " x $\frac{3}{8}$ " x $\frac{1}{8}$ ". Weigh $\frac{1}{2}$ oz. Max. level SO-1 + 10 dbm, SO-2 100 MW, SO-3 thru SO-8 200 MW, others 250 MW. Shpg. wt., 2 oz.

STOCK NO.	UTC TYPE USE	PRIM IMP	MADC	SEC IMP	1-24 25-99 100-UP			
					EA	EA	EA	
TC-153	SO-1	A	200/50	0	3.53	3.06	2.88	
TC-154	SO-2	I	10K	0.25	3.23	2.81	2.64	
TC-155	SO-3	P	10K/25K	3/1.5	200/500	3.23	2.81	2.64
TC-156	SO-4	O	30K	1.0	50	3.23	2.81	2.64
TC-158	SO-6	O	100K	.5	60	3.82	3.32	3.12
TC-159	SO-7	TI	20K/30K	5/5	800/1200	2.94	2.55	2.40
TC-160	SO-8	TP	10K	1	2000CT	3.53	3.06	2.88
TC-161	SO-9	TV	500CT	0	3.2	3.53	3.06	2.88
TC-162	SO-10	TV	2KCT/4KCT	4/2	8/16	3.53	3.06	2.88
TC-235	SO-11	TI	400CT/500CT	8	400 SPLIT/500 SPLIT	4.12	3.57	3.36
TC-236	SO-12	TI	400CT/500CT	8	120 SPLIT/150 SPLIT	4.12	3.57	3.36
TC-237	SO-13	TI	400CT/500CT	8	40 SPLIT/50 SPLIT	4.12	3.57	3.36
TC-238	SO-14	TI	80CT/100CT	16	32 SPLIT/40 SPLIT	4.12	3.57	3.36
TC-157	SO-5	Reactor,	50 Hy @ 1 MA	2675 OHMS	2.94	2.55	2.40	

UTC OUNCER AUDIO UNITS

Weigh only 1 oz. Fully impregnated and sealed. $\frac{7}{8}$ " DIAM. x $1\frac{1}{4}$ " H. Shpg. wt., 4 oz.

INPUT AND MIXING OUNCERS

Freq. response 30-20,000 CPS \pm 1 DB except * is 50-5000. Max. level dbm + 8 except Δ is + 15.

STOCK NO.	UTC TYPE	PRIMARY IMP	SEC IMPED	1-24 25-99 100-UP		
				EA	EA	EA
TC-129	O-1	50/200/250/500/600	50,000	7.64	6.63	6.24
TC-130	O-2	50/200/250/500/600	50,000CT	7.64	6.63	6.24
TC-131	O-3	7.5/30	50,000	7.35	6.38	6.00
TC-139	O-11	50,000	50/200/250/500/600	7.64	6.63	6.24
TC-140	O-12	50,200/250	50/200/250/500/600	7.64	6.63	6.24
TC-142	O-14*	200	1/2 Megohm	7.35	6.38	6.00
TC-144	O-16	250CT	50,000	10.00	8.67	8.16
TC-226	O-25 Δ	600/150 SPLIT	2000/500 SPLIT	7.94	6.89	6.48

INTERSTAGE OUNCERS

Freq. response \pm 1 DB types 0-4 and 0-6 = 30-20K; 0-5 and 0-7 = 200-10K; 0-15 = 100-3K; all others 100-20K. Max. level MW types 0-4 thru 0-15 is 6.3; types 0-18 thru 0-30 is 100; others 1 watt at 200 cycles, $\frac{1}{2}$ W at 100 cycles.

STOCK NO.	UTC TYPE	PRIMARY IMP	SEC IMP	1-24 25-99 100-UP		
				EA	EA	EA
TC-132	O-4	15,000	60,000	6.47	5.61	5.28
TC-133	O-5	15,000, 4MA	60,000	6.47	5.61	5.28
TC-134	O-6	15,000	95,000CT	7.35	6.38	6.00
TC-135	O-7	15,000, 4MA	95,000CT	7.35	6.38	6.00
TC-143	O-15	15,000	1 MEG	7.35	6.38	6.00
TC-146	O-18	10K/2.5K SPLIT, 4MA	2000/500 SPLIT	7.64	6.63	6.24
TC-147	O-19	10K/2.5K SPLIT, 4MA	4K/1K SPLIT	7.64	6.63	6.24
TC-227	O-26	10,000CT, 4MA	10,000	7.94	6.89	6.48
TC-228	O-27	10,000CT, 4MA	500/125 SPLIT	8.23	7.14	6.72
TC-229	O-28	50,000CT, 2MA	500/125 SPLIT	8.23	7.14	6.72
TC-230	O-29	100,000CT, 1MA	500/125 SPLIT	8.53	7.40	6.96
TC-231	O-30	500/125 SPLIT, 20MA	500/125 SPLIT	7.94	6.89	6.48
TC-232	O-31	500/125 SPLIT, 20MA	150/37.5 SPLIT	7.94	6.89	6.48
TC-233	O-32	500/125 SPLIT, 20MA	50/12.5 SPLIT	7.94	6.89	6.48
TC-234	O-33	100/25 SPLIT, 40MA	40/10 SPLIT	7.94	6.89	6.48

OUTPUT OUNCERS

Freq. response \pm 1 DB 100-20K except * is 30-20K and 0-9 is 200-10K. Max. level MW 6.3 except t is 100 and 0-22 is 1W at 200 cycles.

STOCK NO.	UTC TYPE	PRIMARY IMP	SEC IMP	1-24 25-99 100-UP		
				EA	EA	EA
TC-136	O-8*	15,000	50/200/250/500/600	7.64	6.63	6.24
TC-137	O-9	15,000, 4MA	50,200/250,500/600	7.64	6.63	6.24
TC-138	O-10*	30,000CT	50,200/250,500/600	8.23	7.14	6.72
TC-148	O-20†	1500CT, 8MA	500/125 SPLIT	6.17	5.36	5.04
TC-149	O-21†	2KCT, 4MA, 4KCT	8/16	5.29	4.59	4.32
TC-150	O-22	400CT, 20MA; 500CT	3/2/4	5.29	4.59	4.32

REACTORS

STOCK NO.	UTC TYPE	DESCRIPTION	1-24 25-99 100-UP		
			EA	EA	EA
TC-141	O-13	300 Hys. @ 0 D.C.; 50 Hys. @ 3 MADC; 6000 Ohms	6.17	5.36	5.04
TC-151	O-23	7 Hys. @ 3 MADC; 3.5 Hys. @ 10 MADC; 230 Ohms	5.00	4.34	4.08
TC-152	O-24	1.6 Hys. @ 3 MADC; 8 Hys. @ 10 MADC; 25 Ohms	5.00	4.34	4.08

SHIELD

TC-145 Type O-17 Hiperm Shield for 25 DB shielding 1.47 1.28 1.20

UTC SUB-SUB OUNCERS

All double sealed (water-proof), weigh $\frac{1}{2}$ oz. Size $\frac{1}{2}$ " x $\frac{3}{8}$ " x $\frac{1}{8}$ ". Use A—INPUT, I—INTERSTAGE, P—plate to line, O—output TI—Transistor Interstage TP—transistor to PP sec, TV—Trans. to V.C., TO—trans. output, CT—crystal to trans., D—driver. CC—crystal chopper Max. level 100 MW except * is + 7 dbm and Δ is 30 MW. Primary MADC is UNBALANCED. Shpg. wt., 2 oz.

STOCK NO.	UTC TYPE	USE	PRIMARY IMPED	MADC	SEC IMP	1-24 25-99 100-UP		
						EA	EA	EA
TC-163	SSO-1*	A	200/50	0	250K/62.5K	4.41	3.83	3.60
TC-164	SSO-2 Δ	I	10K	0.25	90K	4.70	4.08	3.84
TC-165	SSO-3	P	10K/25K	3/1.5	200/500	4.12	3.57	3.36
TC-166	SSO-4	O	30K	1.0	50	3.82	3.32	3.12
TC-168	SSO-6	O	100K	.5	60	4.12	3.57	3.36



CHOOSE FROM 77 TYPES-THE ONLY COMPLETE LINE OF QUALITY TRANSISTOR TRANSFORMERS

- NICKEL-STEEL LAMINATIONS • WOUND ON NYLON BOBBINS
- MYLAR OUTER WRAP • COLOR CODED LEADS

SINGLY EACH **2.95**

TRANSISTOR TRANSFORMERS

QUANTITY BUYERS

LOTS OF 10 ASSORTED **2.75**

LOTS OF 25 ASSORTED **2.40**

LOTS OF 50 ASSORTED **2.15**

WRITE FOR PRICES

ON LARGER QUANTITIES

Efficiently designed to meet the needs of miniaturization and engineered to provide more power handling capacity and improved frequency response with minimum distortion. All are nickel-steel laminations. Applications under "TYPE" column shows typical use. Many units may be used for other applications as well. Average net weight 1 1/4 oz.; average shpg. wt., 4 oz. MADE IN U.S.A.

ARGONNE NUMBER	TYPE	IMPEDANCE		UNBALANCED CURRENT PRI. D.C. MA	POWER MILLI-WATTS	D.C. RESISTANCE		OVERALL SIZE
		PRIMARY OHMS	SECONDARY OHMS			PRI. OHMS	SEC. OHMS	
AR-141	Input	500,000	1,500 CT	.3	350	3500	60	1" x 3/4" x 3/4"
AR-142	Input	500,000	200 CT	.3	350	3500	20	1" x 3/4" x 3/4"
AR-143	Input	250,000	200 CT	.5	350	3500	20	1" x 3/4" x 3/4"
AR-144	Input	200,000	1,500 CT	.5	350	3000	65	1" x 3/4" x 3/4"
AR-100	Input	200,000	1,000	.5	100	3600	90	1" x 3/4" x 3/4"
AR-126	Input	150,000	1,500 CT	2.	100	3700	55	1" x 3/4" x 3/4"
AR-101	Input	100,000	3,000 CT	.5	100	3600	60	1" x 3/4" x 3/4"
AR-145	Input	100,000	2,000 CT	.5	350	3000	50	1" x 3/4" x 3/4"
AR-102	Input	100,000	1,500 CT	.5	100	3600	40	1" x 3/4" x 3/4"
AR-146	Input	100,000	50	.5	350	3000	1.6	1" x 3/4" x 3/4"
AR-127	Input	50,000	3,000 CT	1.	100	2000	50	1" x 3/4" x 3/4"
AR-128	Input	50,000	1,500 CT	2.	100	3000	50	1" x 3/4" x 3/4"
AR-129	Input	50,000	1,000	2.	100	2500	20	1" x 3/4" x 3/4"
AR-148	Input	50,000	500 CT	1.	175	1300	20	3/4" x 5/8" x 5/8"
AR-149	Input	50,000	200 CT	1.	175	1300	10	3/4" x 5/8" x 5/8"
AR-147	Input	50,000	30 CT	1.	175	1300	1.5	3/4" x 5/8" x 5/8"
AR-150	Input	40,000	100	1.	175	850	6	3/4" x 5/8" x 5/8"
AR-103	Driver	20,000	2,000 CT	1.	100	400	50	1" x 3/4" x 3/4"
AR-104	Driver	20,000	1,000	1.5	100	400	50	3/4" x 5/8" x 5/8"
AR-151	Driver	20,000	800 CT	1.5	175	600	60	3/4" x 5/8" x 5/8"
AR-105	Driver	20,000	400	1.	100	600	30	1" x 3/4" x 3/4"
AR-130	Output	20,000	8	.5	100	400	0.6	3/4" x 5/8" x 5/8"
AR-131	Output	20,000	3.2	.5	100	400	0.3	3/4" x 5/8" x 5/8"
AR-106	Driver	16,000	4,000	1.	100	620	350	3/4" x 5/8" x 5/8"
AR-152	Driver	15,000	200 CT	1.5	175	550	10	3/4" x 5/8" x 5/8"
AR-107	Driver	15,000	200	1.5	250	1000	20	1" x 3/4" x 3/4"
AR-108	Driver	10,000	3,000 CT	1.5	100	200	100	3/4" x 5/8" x 5/8"
AR-109	Driver	10,000	2,000 CT	1.5	100	500	50	3/4" x 5/8" x 5/8"
AR-153	Driver	10,000	200 CT	2.	175	400	10	3/4" x 5/8" x 5/8"
AR-110	Output	10,000	16	2.	150	600	2.5	3/4" x 5/8" x 5/8"
AR-132	Output	10,000	8	1.	100	500	.6	3/4" x 5/8" x 5/8"
AR-133	Output	10,000	3.2	1.	100	600	.3	3/4" x 5/8" x 5/8"
AR-158	Input	5,000 CT	80,000	2.	175	350	1800	3/4" x 5/8" x 5/8"
AR-157	Input	5,000	45,000	2.	175	250	1600	3/4" x 5/8" x 5/8"
AR-156	Input	5,000	30,000	2.	175	150	1300	3/4" x 5/8" x 5/8"
AR-155	Input	5,000	10,000	2.	175	150	450	3/4" x 5/8" x 5/8"
AR-154	Input	5,000	7,500 CT	2.	175	150	400	3/4" x 5/8" x 5/8"
AR-173	Driver	5,000	3,000 CT	2.	350	200	90	1" x 3/4" x 3/4"
AR-111	Output	5,000	100	1.	100	600	10	3/4" x 5/8" x 5/8"
AR-134	Output	4,000 CT	8	4.	250	150	8	1" x 3/4" x 3/4"
AR-135	Output	4,000 CT	3.2	4.	250	150	3	1" x 3/4" x 3/4"
AR-112	Output	3,500	200	1.	150	120	25	1" x 3/4" x 3/4"
AR-113	Driver	3,000 CT	1,000	9.	150	100	60	3/4" x 5/8" x 5/8"
AR-114	Output	2,500	11	10.	150	50	1.1	3/4" x 5/8" x 5/8"
AR-115	Input	2,000 CT	8,000 CT	2.	150	150	660	1" x 3/4" x 3/4"
AR-116	Output	2,000	200	4.	250	120	20	1" x 3/4" x 3/4"
AR-175	Driver	2,000	1,500 CT	2.	350	150	60	1" x 3/4" x 3/4"
AR-159	Driver	1,500	500 CT	4.	175	100	20	3/4" x 5/8" x 5/8"
AR-136	Output	1,000 CT	100	4.	250	120	10	1" x 3/4" x 3/4"
AR-137	Output	1,000 CT	8	4.	250	120	.9	1" x 3/4" x 3/4"
AR-138	Output	1,000 CT	3.2	4.	250	120	.3	1" x 3/4" x 3/4"
AR-160	Output	800 CT	3.2	5.	175	40	.3	3/4" x 5/8" x 5/8"
AR-161	Output	650 CT	16	5.	175	27	1.3	3/4" x 5/8" x 5/8"
AR-162	Output	500 CT	500 CT	5.	350	18	10	1" x 3/4" x 3/4"
AR-163	Output	500 CT	150 CT	5.	175	18	8	3/4" x 5/8" x 5/8"
AR-165	Output	500 CT	50	5.	175	18	4	3/4" x 5/8" x 5/8"
AR-117	Output	500 CT	30	5.	100	20	1.5	3/4" x 5/8" x 5/8"
AR-118	Output	500 CT	16	5.	100	20	1.5	3/4" x 5/8" x 5/8"
AR-164	Output	500 CT	8	5.	175	18	.8	3/4" x 5/8" x 5/8"
AR-119	Output	500 CT	3.2	5.	100	20	.3	3/4" x 5/8" x 5/8"
AR-166	Output	400 CT	16	5.	175	16	1.3	3/4" x 5/8" x 5/8"
AR-120	Output	400 CT	11	1.	150	20	.9	3/4" x 5/8" x 5/8"
AR-167	Output	400 CT	8 or 3.2	5.	175	16	6/3	3/4" x 5/8" x 5/8"
AR-168	Output	300 CT	16	6.	175	12	1.4	3/4" x 5/8" x 5/8"
AR-121	Output	300 CT	3.2	6.	150	20	25	3/4" x 5/8" x 5/8"
AR-139	Output	250 CT	8	2.	250	15	.7	1" x 3/4" x 3/4"
AR-122	Output	250 CT	3.2	2.	150	11	3	1" x 3/4" x 3/4"
AR-123	Input	200	2,000 CT	2.	150	11	50	1" x 3/4" x 3/4"
AR-124	Output	200 CT	16	2.	250	20	1.3	3/4" x 5/8" x 5/8"
AR-169	Output	200 CT	8 or 3.2	7.	175	9	6/3	3/4" x 5/8" x 5/8"
AR-140	Output	200 CT	3.2	2.	100	10	.3	3/4" x 5/8" x 5/8"
AR-170	Output	160 CT	8 or 3.2	8.	350	10	6/3	1" x 3/4" x 3/4"
AR-176	Output	125 CT	8	8.	350	4	7	1" x 3/4" x 3/4"
AR-174	Output	125 CT	3.2	8.	350	6	3	1" x 3/4" x 3/4"
AR-171	Output	100 CT	10 CT	10.	175	4	8	3/4" x 5/8" x 5/8"
AR-172	Output	48 CT	8 or 3.2	15.	350	2.3	6/3	1" x 3/4" x 3/4"
AR-125	Input	3	4,000	15.	250	14	50	3/4" x 5/8" x 5/8"

TRANSISTOR TRANSFORMERS-POWER SUPPLIES-BATTERY HOLDERS



NEW ARGONNE HI-FI TRANSISTOR TRANSFORMERS

- DESIGNED FOR WIDE RANGE TRANSISTOR AUDIO AMPLIFIERS.
- 20-20,000 CPS \pm 0.25 DB

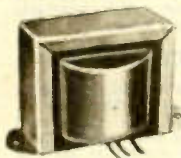
Completely encased transformers specifically designed for use in transistorized, wide range, high fidelity audio amplifiers. Both driver and output have a frequency response of 20 to 20,000 cps \pm 0.25 db when used in properly designed circuits. At full power rating of 1.5 watts the same response may be achieved at \pm 2 db. Size: $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". Threaded mounting studs. Color coded leads. Shpg. wt., 9 ozs.

DRIVER TRANSFORMER

Primary impedance 5000 ohms, 3000 ohm center tapped secondary, DC resistance of primary 50 ohms, of secondary 75 ohms. Unbalanced primary current 20 ma DC. Net 5.75

OUTPUT TRANSFORMER

Primary impedance, 125 ohms center tapped. Secondary impedance, 8 ohms. DC resistance of primary is 4 ohms, of secondary, 0.8 ohms. Unbalanced primary current 50 ma DC. Net 5.75



NEW POWER TRANSISTOR AUDIO TRANSFORMERS

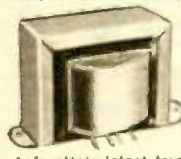
- DESIGNED FOR HIGH OUTPUT TRANSISTORS
- USED IN AUTO RADIOS — PA SYSTEMS — INTERCOMS — ETC.

OUTPUT TRANSFORMER

Rated 6 watts. Frequency response 70 to 20,000 cycles \pm 2 db. Primary impedance, 48 ohms center tapped. Secondary, 3.2 ohms; Primary DC resistance 1.1 ohms, secondary 0.3 ohms. Unbalanced primary current 500 ma DC. Size $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". Shpg. wt., 1 lb. Net 1.75

INPUT TRANSFORMER

Rated 2 watts. Frequency response 70 to 20,000 cps \pm 2 db. Primary impedance 100 ohms. Secondary impedance 200 ohms CT. Primary DC resistance 1.8 ohms, secondary 2.7 ohms. Unbalanced primary current, 200 ma DC. Size $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{4}$ ". Wt., 1 lb. Net 1.50



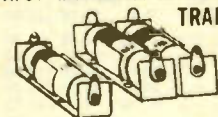
NEW! UNIVERSAL POWER TRANSISTOR OUTPUT TRANSFORMER

- DESIGNED FOR THE EXPERIMENTER
- PRI. TAPPED AT 8-12-16-24-32 AND 48 OHMS
- RATED 10 WATTS

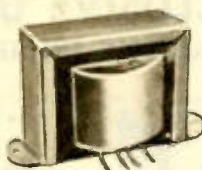
Lafayette's latest transistor circuit component. Engineered for construction projects using the increasingly popular power transistors. Will also serve as a general replacement for many transistorized auto radios. Rated at 10 watts for push-pull operation. Primary tapped at 8, 12, 16, 24, 32 and 48 ohms. Secondary tapped at 4, 8 and 16 ohms. Sizes $3\frac{1}{2} \times 2\frac{1}{4} \times 2\frac{1}{4}$ ". Shpg. wt., 3 lbs. Net 3.75

TRANSISTOR BATTERY HOLDERS

These Battery Holders were especially designed for use in transistor and sub-miniature electronic gear, are made of Aluminum Alloy, sturdy construction with insulated, nickel plated Brass eyelets. All multiple holders mount batteries side by side except items marked * mount end to end. Av. shpg. wt., 3 ozs.



Stock No.	Holds	Burgess	Eveready	RCA	Mallory	Net Ea.
MS-137	1					.20
MS-138	2			VS074		.34
MS-169	3	7	912			.44
MS-170	4					.57
MS-139	1	2, 9R, Y15	E9, E12, E133, E502, 505, 915, 1015E	VS034	RM12R, TR133R, RM502R, ZM-9, TR233R	.20
MS-181	2					.34
MS-380*	2					.44
MS-171	3					.44
MS-182	4					.57
MS-173	1	1	935, TR233R	VS035		.24
MS-174	2					.34
MS-381*	2					.44
MS-175	1	2, D, Z4	950		RM42R	.24
MS-176	2					.34
MS-382*	2					.44
MS-177	1	U15	412	VS084	RM412R	.24
MS-178	2					.34
MS-183	1	U20	413	VS085	RM413R	.28
MS-184	2					.36
MS-225	1	Y10	504			.20
MS-383	2					.34
MS-384	1	Y20	506			.28
MS-385	1	K10	417			.28
MS-386	1	K15	420	VS083		.28
MS-387	1	U10	411		RM411R	.28
MS-388	1		E401		RM401R	.20
MS-389	2					.37
MS-390	3					.44
MS-391			E1		RM1R	.28
MS-392			E3		RM3R	.26
MS-393			E4		RM4R	.28



TRANSISTOR OUTPUT TRANSFORMERS

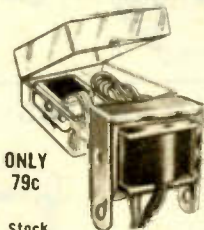
Here is an outstanding value in the most popular transistor output transformer for 10 to 11 ohm speakers. Rated power is 150 milliwatts. Primary impedance is 400 ohms, center-tapped and secondary 11 ohms. DC resistance of primary is 20 ohms and secondary .9 ohms. Net wt., $1\frac{1}{4}$ ozs. Shpg. wt., 4 ozs. Net .89

TRANSISTOR DRIVER TRANSFORMER

Primary impedance 20,000 ohms. Secondary impedance 1000 ohms. DC resistance of primary 400 ohms, of secondary 50 ohms. Unbalanced primary current 1 ma DC. Rated 100 mw. Shpg. wt., 4 ozs. Net .89

SUBMINIATURE TRANSISTOR AUDIO TRANSFORMERS

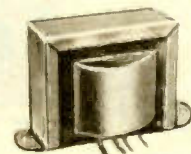
ONLY $\frac{1}{2}$ " x $\frac{1}{2}$ " x $\frac{1}{2}$ "



A new series of miniature transformers for transistor and experimental miniature circuits. Ideal for miniature radio receivers, amplifiers, hearing aids, etc., using standard transistors. Incorporate special heat-treated high permeability magnetic cores treated to resist corrosion. Designed for improved frequency response with low distortion. 3" color-coded leads. Average shpg. wt., 4 oz.

Stock No.	Circuit	Impedance		O.C. Resistance		Net
		Pri. Ohms	Sec. Ohms	Pri. Ohms	Sec. Ohms	
TR-97	INPUT DRIVER	100,000	1000	1000	1000	.79
TR-98	DRIVER	10,000	2000 C.T.	240	60 C.T.	.79
TR-99	OUTPUT	500 C.T.	3.2	42 C.T.	0.7	.79

MINIATURE TRANSISTOR TRANSFORMERS

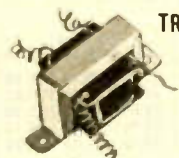


- TRULY MINIATURE—ONLY $\frac{3}{4} \times \frac{5}{8} \times \frac{1}{8}$ "
- MATCHES ANY 3.2 OHM SPEAKER
- EXCELLENT FOR RECEIVER REPLACEMENT TRANSISTOR OUTPUT
- TRANSISTOR OUTPUT TRANSFORMER

Here is an outstanding value in the most popular transistor output transformer for 3.2 ohm speakers—and an exact replacement for all commercial receivers using such a transformer. May be used either single ended or push-pull. Wound on nylon bobbins with mylar over wrap with laminations on nickel-steel and silicone-steel. Rated power is 100 milliwatts. Primary impedance is 500 ohms center-tapped and secondary 3.2 ohms. DC resistance of primary is 20 ohms and secondary .3 ohms. Ideal for transistorized receivers, audio amplifiers, Code practice oscillators, etc. Color coded leads. Net wt. $1\frac{1}{4}$ oz. Shpg. wt., 4 oz. Net .89

TRANSISTOR DRIVER TRANSFORMER

Single-ended transformer for driving transistor power-stage. Impedances 10,000 ohms pri., 2000 ohm sec.; dc res. 500 ohms pri., 50 ohms sec. 1.5 ma. dc unbalanced pri. current. Rated 100 mw. $\frac{3}{4} \times \frac{5}{8} \times \frac{1}{8}$ ". Shpg. wt., 4 oz. Net .89



TRANSISTOR OUTPUT TRANSFORMER

Only $\frac{5}{8} \times \frac{7}{8} \times 1\frac{1}{4}$ ". 2000 ohm primary to 10 ohm voice coil. Matches most transistor outputs. Shpg. wt., 8 ozs. Net .69

KUPFRIAN POWER SUPPLIES

Transistorized power supplies, to convert low voltage D.C. to high voltage D.C. or A.C. Instant starting, rugged, quiet. No vacuum tubes or moving parts. Excellent voltage regulation and 0.4% max. ripple over a temperature range of -55° to $+60^{\circ}$ C. Size $3\frac{3}{4} \times 4\frac{1}{2} \times 2\frac{1}{2}$ " high; Avg. shpg. wt., 2 lbs. Attach to equipment by 4 threaded holes. A.C. models also available with plug-in cord for auto cigarette lighters and 115V. Output convenience receptacle. Specify plug-in type and add 1.50 to price.



Stock No.	Net Each	Kit Stock No.	Net Each	Input Volts	Output		
					Volts	Current	Power
HE-810	36.00	HE-811	45.00	6.3 VDC	300/150 VDC	165/330 MA	50W
HE-812	40.50	HE-813	49.50	12.6 VDC	300/150 VDC	330/400 MA	100W
HE-814	45.00	HE-815	54.00	12.6 VDC	500/250 VDC	200/400 MA	100W
HE-824	50.00	HE-825	59.00	12.6 VDC	600/300 VDC	200/400 MA	120W
HE-826	48.00	HE-827	57.00	12.6 VDC	1000/500 VDC	100/200 MA	100W
HE-820	36.00	HE-821	45.00	12.6 VDC	117 VAC	60 Cycl.	100W
HE-828	78.00	HE-829	87.00	12.6 VDC	117 VAC	60 Cycl.	250W
HE-822	30.75	HE-823	39.75	12.6 VDC	117 VAC	400 Cycl.	100W

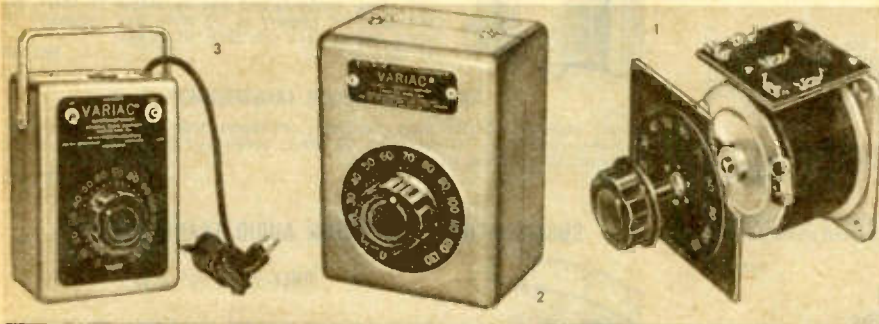
INDUSTRIALS: Write for Quantity Discounts.



GENERAL RADIO VARIACS

WITH EXCLUSIVE DURATRAC CONTACT SURFACE

THE ORIGINAL ADJUSTABLE AUTOTRANSFORMER FOR SMOOTH CONTROL OF AC VOLTAGES



Now Lafayette brings you the industry leader—GENERAL RADIO VARIAC—for immediate delivery at factory prices. First in engineering design and manufacture, VARIAC advantages include: banked winding for space economy, unit brush for ease of replacement, wiring diagram and voltage data on terminal plates, precision machine winding on toroidal winding machines and long life essentially the same as fixed-ratio power transformers. Other features are good regulation, smooth control, high efficiency, linear output voltage (up to 117% of line voltage) direct-reading, reversible dials calibrated for 320° clockwise rotation, rugged construction—no delicate parts. Five basic types listed below provide a logical series of ratings up to 50 amperes at 50-60 cycles. Other ratings, output voltages, ganged and metered units available on order. Uncased models for behind-panel mounting, cased models for front-panel, wall or bench mounting; portable models have line cord, plug, on-off switch, resettable overload protector, outlet socket and handle.

NEW! METERED VARIACS

TYPE WSMT3A VOLTMETER-AMMETER (Fig. 4). Input: 115 v. 50-60 cycle; Output: 0-135 v. (0-150 voltmeter); Output Current: 0-1, 0-5 amps; Meter Accuracies: $\pm 3\%$ of full scale; Switching: OFF-ON, 2-pole switch disconnects assembly from both sides of line in OFF position, and Meter RANGE, HIGH-LOW make-before-break to permit switching under load; Terminals: Line-3-wire cord and plug; Load-3-wire outlet receptacle (will accept parallel 2 wire plug); Fusing: low range 1 amp., high range 5 amp.; Case Dimensions: 9 $\frac{3}{4}$ " H x 6 $\frac{3}{4}$ " W x 6 $\frac{3}{4}$ " D, and handle; Net weight: 11 $\frac{3}{4}$ lbs. Assembly consists of W-5 VARIAC, 2 meters, current transformer, switches and adequate meter shielding.

TD-208 Net 89.00
Lots of 10, each Net 84.55
Lots of 20, each Net 80.10

TYPE WSMT3W VOLTMETER-WATTMETER (Fig. 4). Similar to above, except Output Power: 0-150, 0-750 watts; Fusing: 2 amp. low range, 5 amp. high range.

TD-209 Net 112.00
Lots of 10, each Net 106.40
Lots of 20, each Net 100.80



BRIEF GENERAL SPECIFICATIONS

Frequency: Specs for "W" models are 50-60 cycle. Units can be operated at rated current and voltage from 50-400 cycles. On 25 cycles, 230 volt units can be used at half their 60 cycle voltage and kva. ratings. Rated Current: Can be drawn from the VARIAC at any dial setting. Maximum Current: Can be drawn at maximum voltage when line-voltage connection is used. Line Voltage Connection: output voltage variable from 0 to line voltage. Overvoltage Connection: output voltage variable from 0 to 17% above line voltage. KVA Rating: maximum current x normal input line voltage. Avg. shpg. wt., 4 oz.

REPLACEMENT BRUSHES

Stock No.	Type	For Use With	Net
TD-193	VB-1	All W2 and W5 type "H"	.75
TD-192	VB-2	All W5 except "H" types	.75
TD-206	VBT-6	All W50 except "H" types	5.50
TD-207	VBT-7	W50 "H" types only	5.50
TD-200	VBT-8	All W20 except "H" types	2.50
TD-201	VBT-12	W20 "H" types only	2.50
TD-183	VBT-10	All W10 except "H" types	1.25
TD-184	VBT-11	W10 "H" types only	1.25

TYPE W2. 4 models — up to 3.1 amps. output at 115 v.

Stock No.	Type	Fig.	Input Volt	KVA	Volts	Overvolt Output			Net Each		
						Rated Amp.	Max. Amp.	Wt. Lbs.	1-9	10-19	20-99
TD-170	W2	1	115	0.36	0-135	2.4	3.1	3 $\frac{1}{2}$	15.00	14.25	13.50
TD-171	W2M	2	115	0.30	0-135	2.0	2.6	4 $\frac{1}{2}$	21.00	19.95	18.90
TD-172	W2MT*	3	115	0.27	0-135	2.0	2.4	4 $\frac{3}{4}$	26.00	24.70	23.40
TD-173	W2MT3†	3	115	0.27	0-135	2.0	2.4	4 $\frac{3}{4}$	28.00	27.60	25.20

* = 2 Wire † = 3 Wire

TYPE W10. 8 models — up to 13 amps. output at 115 v. or 5.2 amps. at 230 v.

Stock No.	Type	Fig.	Input Volt	KVA	Volts	Overvolt Output			Net Each		
						Rated Amp.	Max. Amp.	Wt. Lbs.	1-9	10-19	20-99
TD-175	W10	1	115	1.5	0-135	10	13	12 $\frac{1}{2}$	31.00	29.45	27.90
TD-176	W10M	2	115	1.5	0-135	10	13	15	44.00	41.80	39.60
TD-177	W10MT	3	115	1.5	0-135	10	13	16	51.00	48.45	45.90
TD-178	W10MT3	3	115	1.5	0-135	10	13	16	53.50	50.84	48.15
TD-179	W10H	1	230	1.2	0-270	4	5.2	12	33.00	31.35	29.70
TD180	W10HM	2	230	1.2	0-270	4	5.2	14 $\frac{1}{2}$	46.00	43.70	41.40
TD-181	W10HMT*	3	230	1.2	0-270	4	5.2	15 $\frac{1}{2}$	53.00	50.35	47.70
TD-182	W10HMT3†	3	230	1.2	0-270	4	5.2	15 $\frac{1}{2}$	55.50	52.73	49.95

* = 2 Wire † = 3 Wire

400 CYCLE VARIACS FOR POWER SUPPLIES IN AIRBORNE AND MARITIME EQUIPMENT

TYPE M-350-1200 CYCLE SERVICE. 4 models—high frequency equivalents of type "W" but much smaller and lighter. Made to MIL-specs for shock, vibration, salt-spray and tropicalization including: high and low temperature lubrication, iridite-treated aluminum parts, fungicidal treatment of all phenolic parts, special nickel-plated brush holder. Uses same brushes as equivalent "W" models.

Stock No.	Type	Fig.	Input Volt	KVA	Volts	Overvolt Output			Net Each		
						Rated Amp.	Max. Amp.	Wt. Lbs.	1-9	10-19	20-99
TD-212	M2	1	115	0.34	0-135	2.4	3.1	1 $\frac{3}{4}$	14.50	13.78	13.05
TD-213	M5	1	115	0.86	0-135	6	7.8	3 $\frac{3}{4}$	18.50	17.58	16.65
TD-214	M10	1	115	1.5	0-135	10	13	6 $\frac{3}{4}$	30.00	28.50	27.00
TD-215	M20	1	115	3.0	0-135	20	26	13	48.00	45.60	43.20

TYPE W5. 7 models — up to 7.8 amps. output at 115 v. or 2.6 amps. at 230 v. Types with = for 115V — 60 cycle only and may be connected for 0-115 v. output, no overvoltage. * = 2 wire, † = 3 wire.

Stock No.	Type	Fig.	Input Volt	KVA	Volts	Overvolt Output			Net Each		
						Rated Amp.	Max. Amp.	Wt. Lbs.	1-9	10-19	20-99
TD-185	W5	1	115	0.90	0-135	6.0	7.8	6 $\frac{3}{4}$	18.00	17.10	16.20
TD-186	W5M	2	115	0.75	0-135	5.0	6.5	7 $\frac{1}{2}$	24.00	22.80	21.60
TD-187	W5MT*	3	115	0.70	0-135	5.0	6.0	8 $\frac{1}{4}$	30.00	28.50	27.00
TD-188	W5MT3†	3	115	0.70	0-135	5.0	6.0	8 $\frac{1}{4}$	32.50	30.88	29.25
TD-210	W5L=	1	115	1.27	0-115	8.5	11.0	6 $\frac{3}{4}$	17.50	16.63	15.75
TD-211	W5LM=	2	115	1.1	0-115	7.1	9.2	7 $\frac{1}{2}$	23.50	22.33	21.15
TD-189	W5H	1	230	0.60	0-270	2.0	2.6	6 $\frac{1}{2}$	21.50	20.43	19.35
TD-190	W5HM	2	230	0.60	0-270	2.0	2.6	7 $\frac{1}{4}$	27.50	26.13	24.75
TD-191	W5HMT	3	230	0.55	0-270	2.0	2.4	8	33.50	31.83	30.15

TYPE W20. 6 models — up to 26 amps. output at 115 v. or 10.4 amps. at 230 v.

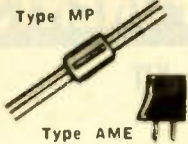
Stock No.	Type	Fig.	Input Volt	KVA	Volts	Overvolt Output			Net Each		
						Rated Amp.	Max. Amp.	Wt. Lbs.	1-9	10-19	20-99
TD-194	W20	1	115	3	0-135	20	26	21 $\frac{1}{2}$	48.00	45.60	43.20
TD-195	W20M	2	115	3	0-135	20	26	24 $\frac{1}{2}$	61.00	57.95	54.90
TD-196	W20MT3*	3	115	3	0-135	20	26	28	90.00	85.50	81.00
TD-197	W20H	1	230	2.4	0-270	8	10.4	20 $\frac{1}{2}$	50.00	47.50	45.00
TD-198	W20HM	2	230	2.4	0-270	8	10.4	23 $\frac{1}{2}$	63.00	59.85	56.70
TD-199	W20HMT3†	3	230	2.4	0-270	8	10.4	27	92.00	87.40	82.90

TYPE W50. 4 models — up to 50 amps. output at 115 v. or 32.5 amps. at 230 v.

Stock No.	Type	Fig.	Input Volt	KVA	Volts	Overvolt Output			Net Each		
						Rated Amp.	Max. Amp.	Wt. Lbs.	1-9	10-19	20-99
TD-202	W50	1	115	5.75	0-135	50	50	50	120.00	114.00	108.00
TD-203	W50M	2	115	5.18	0-135	40	45	57	145.00	137.75	130.50
TD-204	W50H	1	230	7.5	0-270	25	32.5	53	120.00	114.00	108.00
TD-205	W50HM	2	230	7.1	0-270	20	31	60	145.00	137.75	130.50

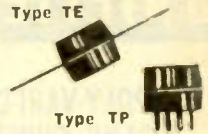
SPECIAL TRANSFORMERS FOR INDUSTRY & HI-FI

TECHNITROL PULSE TRANSFORMERS



A series of Transformers providing a wide range of applications. All transformers listed are of MIL GRADE, encapsulated in material withstanding temperatures from below -55°C to +105°C, and meet a MIL-T-27A grades 2, 3, 5 Class R. The pigtail leads used are a special phosphor-bronze

alloy providing extreme resistance to breaking under bending, twisting and vibration. The cup core construction of ferrite transformers provides the user with these major advantages: Minimum inductance leakage, and reduced effect of temperature changes on the inductance of the transformer windings.



TYPE AME (ALUMINUM CASES)

Inductance in MH ± 20%

Stock No.	Mfr. Type	Pri. Ind.	Turns Ratio	Stock No.	Mfr. Type	Pri. Ind.	Turns Ratio
TD-245	AMB1WA	10	1:1.1	TD-348	AMQ1WA	0.47	1:1.1
TD-335	AMB2WA	10	2:1.1	TD-349	AMQ2WA	0.47	2:1.1
TD-336	AMB12WA	10	2:2.1	TD-352	AMQ12WA	0.47	2:2.1
TD-246	AMB3WA	10	3:1.1	TD-350	AMQ3WA	0.47	3:1.1
TD-249	AMB13WA	10	3:3.1	TD-264	AMQ13WA	0.47	3:3.1
TD-337	AMB4WA	10	4:1.1	TD-351	AMQ4WA	0.47	4:1.1
TD-338	AMB14WA	10	4:4.1	TD-353	AMQ14WA	0.47	4:4.1
TD-248	AMB5WA	10	5:1.1	TD-263	AMQ5WA	0.47	5:1.1
TD-250	AMB15WA	10	5:5.1	TD-265	AMQ15WA	0.47	5:5.1
TD-251	AMK1WA	4.7	1:1.1	TD-266	AMS1WA	0.22	1:1.1
TD-339	AMK2WA	4.7	2:1.1	TD-354	AMS2WA	0.22	2:1.1
TD-341	AMK12WA	4.7	2:2.1	TD-356	AMS12WA	0.22	2:2.1
TD-252	AMK3WA	4.7	3:1.1	TD-267	AMS3WA	0.22	3:1.1
TD-254	AMK13WA	4.7	3:3.1	TD-269	AMS13WA	0.22	3:3.1
TD-340	AMK4WA	4.7	4:1.1	TD-355	AMS4WA	0.22	4:1.1
TD-342	AMK14WA	4.7	4:4.1	TD-357	AMS14WA	0.22	4:4.1
TD-253	AMK5WA	4.7	5:1.1	TD-268	AMS5WA	0.22	5:1.1
TD-255	AMK15WA	4.7	5:5.1	TD-270	AMS15WA	0.22	5:5.1
TD-256	AMQ1WA	1.0	1:1.1	TD-271	AMU1WA	0.1	1:1.1
TD-343	AMQ2WA	1.0	2:1.1	TD-358	AMU2WA	0.1	2:1.1
TD-345	AMQ12WA	1.0	2:2.1	TD-360	AMU12WA	0.1	2:2.1
TD-257	AMQ3WA	1.0	3:1.1	TD-272	AMU3WA	0.1	3:1.1
TD-259	AMQ13WA	1.0	3:3.1	TD-274	AMU13WA	0.1	3:3.1
TD-344	AMQ4WA	1.0	4:1.1	TD-359	AMU4WA	0.1	4:1.1
TD-346	AMQ14WA	1.0	4:4.1	TD-361	AMU14WA	0.1	4:4.1
TD-258	AMQ5WA	1.0	5:1.1	TD-273	AMU5WA	0.1	5:1.1
TD-260	AMQ15WA	1.0	5:5.1	TD-275	AMU15WA	0.1	5:5.1

NET 1-9 each 7.00 10-24 each 6.30
25 and over each 5.50 NON-ASSORTED

TYPES AME AND MP

For sub-miniature and transistor applications.
Pulse Width 0.05µSec. to 5.0 µSec.
Pulse Repetition rate up to 500 KC
Total Pulse Energy 3.5 Watt-µ Sec.
Test Voltage 500 Volts D.C.
Size 1/2, 3/8, 3/16 Shpg. wt. 1 oz.

TYPE MP (EPOXY RESINS CASES)

Inductance in MH ± 20%

Stock No.	Mfr. Type	Pri. Ind.	Turns Ratio	Stock No.	Mfr. Type	Pri. Ind.	Turns Ratio
TD-293	MB1UE	10	1:1	TD-305	MO1UE	0.47	1:1
TD-362	MB2UE	10	2:1	TD-365	MO2UE	0.47	2:1
TD-294	MB3UE	10	3:1	TD-306	MO3UE	0.47	3:1
TD-295	MB4UE	10	4:1	TD-307	MO4UE	0.47	4:1
TD-296	MB5UE	10	5:1	TD-308	MO5UE	0.47	5:1
TD-297	MK1UE	4.7	1:1	TD-309	MS1UE	0.22	1:1
TD-363	MK2UE	4.7	2:1	TD-366	MS2UE	0.22	2:1
TD-298	MK3UE	4.7	3:1	TD-310	MS3UE	0.22	3:1
TD-299	MK4UE	4.7	4:1	TD-311	MS4UE	0.22	4:1
TD-300	MK5UE	4.7	5:1	TD-312	MS5UE	0.22	5:1
TD-301	MO1UE-0	1.0	1:1	TD-313	MU1UE	0.1	1:1
TD-364	MO2UE	1.0	2:1	TD-367	MU2UE	0.1	2:1
TD-302	MO3UE	1.0	3:1	TD-314	MU3UE	0.1	3:1
TD-303	MO4UE	1.0	4:1	TD-315	MU4UE	0.1	4:1
TD-304	MO5UE	1.0	5:1	TD-316	MU5UE	0.1	5:1

NET 1-9 each 7.00 10-24 each 6.30
25 and over each 5.50 NON-ASSORTED

TYPES TE AND TP

For blocking oscillator and interstage coupling. All in epoxy resin cases. Size 1/2, 3/16. Shpg. wt. 3 oz.
PULSE DURATION 0.1 to 25 µ sec
PULSE REPETITION RATE up to 10 MC
PULSE ENERGY 6 Watt-µ sec
VOLT RATING BETWEEN WINDINGS 500 V RMS

TYPE TE

Primary inductance in MH ± 20%

Stock No.	Mfr. Type	Pri. Ind.	Turns Ratio	Stock No.	Mfr. Type	Pri. Ind.	Turns Ratio
TD-283	G1WA	22	1:1.1	TD-318	O1QA	1.0	1:1.1
TD-285	G5WA	22	5:1.1	TD-320	O5QA	1.0	5:1.1
TD-287	G15WA	22	5:5.1	TD-322	O15QA	1.0	5:5.1
TD-284	G3WA	22	3:1.1	TD-319	O3QA	1.0	3:1.1
TD-286	G13WA	22	3:3.1	TD-321	O13QA	1.0	3:3.1
TD-277	B1WA	10	1:1.1	TD-323	O1QA	0.47	1:1.1
TD-279	B5WA	10	5:1.1	TD-325	O5QA	0.47	5:1.1
TD-281	B15WA	10	5:5.1	TD-327	O15QA	0.47	5:5.1
TD-278	B3WA	10	3:1.1	TD-324	O3QA	0.47	3:1.1
TD-280	B13WA	10	3:3.1	TD-326	O13QA	0.47	3:3.1
TD-288	K1WA	4.7	1:1.1	TD-329	O1QA	0.1	1:1.1
TD-290	K5WA	4.7	5:1.1	TD-331	O5QA	0.1	5:1.1
TD-292	K15WA	4.7	5:5.1	TD-333	O15QA	0.1	5:5.1
TD-289	K3WA	4.7	3:1.1	TD-330	O3QA	0.1	3:1.1
TD-291	K13WA	4.7	3:3.1	TD-332	O13QA	0.1	3:3.1

NET 1-9 each 7.00 10-24 each 6.30
25 and up each 5.50 NON-ASSORTED

TYPE TP

Has tapped secondary for turns ratio experiments. Primary Ind. in MH ± 20% Winding 1-7

Stock No.	Mfr. Type	Pri. Ind.	Turns Between Windings				
			1-7	2-3	3-4	4-5	5-6
TD-334	XVAM	58	240	12	24	60	20
TD-282	BVAM	15	120	5	20	10	5
TD-276	AVAM	3.8	60	2	10	5	3
TD-317	NVAM	1.25	36	2	3	9	3
TD-328	RVAM	0.33	18	1	2	4.5	1.5

NET 1-9, ea. 7.00 10-24, ea. 6.30 25 up, ea. 5.50

ACROSSOVER HIGH-FIDELITY OUTPUT TRANSFORMERS



for use with Williamson type amplifier circuits. Provides a much higher audio output level at very low distortion. Can be used in converting many popular amplifier circuits to Ultra Linear operation.

Model TD-300. 20 watts of undistorted power from 20 to 30,000 cps; 40 watts 30 to 20,000 cps. Primary 6600 ohms. Output 4, 8 and 16 ohms. Frequency response: ±1 db from 10 to 100,000 cps. Permissible feedback: 30 db. Maximum DC per primary: 75 ma. 10' colored leads. Size: 4 1/4 x 3 5/8 x 3 1/4". Shpg. wt., 7 lbs. TD-10 Net 24.25

Model TD-310. Similar to TD-300, but for 12 watt circuits. Primary 8000 ohms. Output 4, 8 and 16 ohms. 10 watts of undistorted power output from 20 to 30,000 cps; 20 watts 20 to 20,000 cps. Frequency response: ±1 db from 10 to 100,000 cps. Permissible feedback: 30 db. Maximum DC per primary: 75 ma. 10' colored leads. Size 4 1/4 x 3 5/8 x 3 1/4". Shpg. wt., 6 lbs. TD-12 Net 18.37

Model TD-305. Similar to TD-300, but has 4, 8, 16, 125 and 500 ohm output impedances. Primary 6600 ohms. Matches push-pull type 6L6 or 5881 tubes for Ultra Linear operation. 20 watts of undistorted power from 20 to 30,000 cps; 40 watts from 30 to 20,000 cps. Size: 4 1/4 x 3 5/8 x 3 1/4". Shpg. wt., 8 lbs. TD-11 Net 30.13

Model TD-315. Similar to TD-310, but has 4, 8, 16, 125 and 500 ohm output impedances. Primary 8000 ohms. Matches push-pull type 6V6 tubes. 10 watts of undistorted power from 20 to 30,000 cps; 20 watts from 30 to 20,000 cps. Size 4 1/4 x 3 5/8 x 3 1/4". Shpg. wt., 7 lbs. TD-13 Net 24.25

Model TD-330. Designed for high-power, push-pull parallel operation. Will provide 50 watts of undistorted power from 20 to 30,000 cps with 807 or KT-66 tubes; 100 watts from 30 to 20,000 ohms. Primary 3300 ohms. Output 4, 8, 16 ohms. Frequency response: ±1 db to 100 kc. Permissible feedback: 30 db. Insertion loss all taps: 5 db maximum. DC per primary maximum: 150 ma. Permissible DC unbalance: 15%. Mfg. centers are 3x3 3/4". Size: 5 1/4 x 4 1/4". Shpg. wt., 15 lbs. TD-14 Net 38.95

LAFAYETTE SPECIAL 70.7 VOLT LINE-TO-VOICE COIL TRANSFORMER

• 10 watts max.
• 5-8-16 ohms

70 volt line-to-voice coil matching transformer. Primary tapped 10, 5, 2.5, 1.25 and 625 watts. Secondary tapped 5, 8 and 16 ohms. Size 2 1/4 x 1 1/2". Mfg. Centers 2 1/2". Shpg. wt., 1 lb. TR-111 lot of 10 each, 1.70; Singly ea. 1.98



SOLA CONSTANT-VOLTAGE TRANSFORMERS

Type CV Transformers. Automatic voltage regulators. Provides constant output within ±1% with line voltage changes up to ±15%. Has current limiting characteristic. Low stray-field design. For 60 cycle AC input. 25 and 50 cps units available on special order. Abbrs: input voltage: 95-130 (A); 190-260 (B).

All input volt 95-130 and 190-260 except * has only 95-130. All output 6.3 volt except † is 6.0 volt.

Stock No.	Sola Type	VA	Fig.	Wt. Lbs.	Net Each
TD-50	20-01-015*	15	1	6	15.00
TD-51	20-02-015*	15	1	6	15.00
TD-53	20-05-030	30	2	6	16.00
TD-55	20-04-065	60	2	7	20.00
TD-56	20-04-095	90	2	11	24.00
TD-57	20-04-113	120	2	20	31.00
TD-58	20-04-116	150	2	23	35.00

LINE TYPES

All have 118V output. All have 95-130V input except * have 95-130 and 190-260.

Stock No.	Sola Type	VA	Fig.	Wt. Lbs.	Net Each
TD-52	20-10-015	15	1	6	15.00
TD-54	20-13-060	60	3	10	25.00
TD-60	20-13-112	120	3	13	33.00
TD-61WX	20-13-125	250	3	30	49.00
TD-62WX	20-13-150	500	3	40	77.00
TD-75WX	20-13-210	1000	3	115	128.00
TD-63WX	20-25-220*	2000	3	166	232.00

SOLA TRANSFORMERS

SOLA TV VOLTAGE REGULATORS

(Fig. 4) SOLA 72103. Provides accurate line voltages ±3% to TV sets. Corrects flicker and distortion due to line variations. Turns on and off with set. No wiring necessary. For 95-130V, 60 cycle. For sets up to 170 watts Shpg. wt., 20 lbs.

TD-72 Net 34.50
SOLA 72104. For larger sets up 285 watts. Shpg. wt., 27 lbs.
TD-73 Net 37.50

SOLA POWER TRANSFORMERS

(Fig. 2) Stabilize plate and filament voltages within ±3%, on line variations from 100-130 volts. With oil-filled input condenser and mounting bracket. For 100-130V, 60 cycle AC only.

Type 7104. DC input to filter 275V @ 50 ma. Fil 6.3V CT @ 2.5 amp and 5V @ 2 amp. Shpg. wt., 6 lbs.

TD-69 Lots 10 ea. 11.40 Singly ea. 12.00

Type 7106. DC input to filter 385V @ 110 ma. Fil. 6.3V CT @ 3 amp and 5V @ 2 amp. Shpg. wt., 9 lbs.

TD-70 Lots 10, ea. 14.25 Singly ea. 15.00

Type 7107. DC input to filter 380V @ 250 ma. Fil. 6.3V CT @ 4 amp., 6.3V @ 8 amp. (unreg.) 5V @ 3 amp. Shpg. wt., 19 lbs.

TD-71 Lots 10, ea. 25.65 Singly ea. 27.00

SOLA HARMONIC FREE TYPES

(Fig. 3) For equipment which requires a stable, undistorted voltage source. Well suited for rectifier input where closely regulated DC output is required, or where equipment is affected by source harmonics. Harmonic content less than 3%. Sine-wave output regulated within 1%. For 60 cycle. All have 95-130 and 190-260 input except * only 95-130 All secondary 118 V.

Stock No.	Sola Type	Cap. VA	Wt. Lbs.	1-4 Ea.	5-9 Ea.
TD-64	23-13-060*	60	10	30.00	27.00
TD-65	23-22-112	120	14	38.00	34.20
TD-66	23-22-125	250	28	52.00	46.80
TD-67	23-22-150	500	47	81.00	72.90
TD-68	23-22-210	1000	80	135.00	121.50

SOLA FIXED AND ADJUSTABLE CONSTANT-VOLTAGE POWER D.C. SUPPLIES ARE ALSO AVAILABLE FROM LAFAYETTE — WRITE FOR SPECS AND PRICES.

CALL ON LAFAYETTE FOR YOUR INDUSTRIAL ELECTRONIC NEEDS

LAFAYETTE EXCLUSIVE MINIATURE RECEIVER COMPONENTS

POLY-VARI-CON 2-GANG SUPER-HET VARIABLE CONDENSER



- ONLY $\frac{3}{16}$ "x1- $\frac{1}{16}$ " SQ.!

Two-gang midget variable for top performance in transistor superhet circuits. Capacitance of antenna section, 10 to 208 mmf, and 10 to 100 mmf on the cut oscillator section. Self-contained trimmers. Tunes through 180°. Enclosed in transparent plastic case. Offers unlimited possibilities to the experimenter. Shpg. wt., 4 ozs.
MS-270 2-Gang Variable Net 1.95

SINGLE GANG POLY-VARICON

10 to 365 mmf. Tunes through 180°. $\frac{3}{16}$ "x1 $\frac{1}{4}$ "x1 $\frac{1}{4}$ ". Shpg. wt., 4 ozs.
MS-274 Net 1.25

ATTRACTIVE TUNING DIAL FOR MINIATURE "POLY-VARI-CON" CONDENSER

1 $\frac{1}{2}$ " diam. Shpg. wt., 4 ozs.

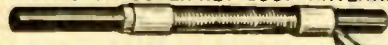
KN-24 IVORY AND GOLD Net .45
KN-25 MAROON AND SILVER Net .45

REPLACEMENT 5K VOLUME CONTROL FOR JAPANESE TRANSISTOR RADIOS



A volume control with the proper resistance, dimensions and mounting for replacement in almost all compact transistor radios. A 5,000 ohm potentiometer with S.P.S.T. switch. Only $\frac{5}{8}$ " dia., $\frac{1}{2}$ " total depth. Easily installed in printed circuits. Comes with $\frac{1}{4}$ " dia. knob. Shpg. wt., 2 ozs.
VC-62 Net .59

TRANSISTOR SUPER-HET LOOP ANTENNA

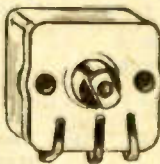


The latest transistor loop antenna especially designed to match the input impedance of the RF stage in transistor super-het circuits. Requires maximum capacity of 208 mmf in RF section of variable condenser. Matched with the New Super Midget 2 gang variable condenser. MS-270 to give excellent sensitivity and selectivity through the entire broadcast band of 540-1650 kc. Wound on high efficiency iron core $\frac{3}{16}$ " dia. x $\frac{1}{4}$ " dia. Shpg. wt., 4 ozs.
MS-272 Ant. Coil Each, Net .95

NEW! MINIATURE 2 GANG VARIABLE CONDENSER FOR JAPANESE TRANSISTOR RADIOS

- Perfect Replacement in Most Sets
- Size: 11/16x11/16x $\frac{3}{16}$ " Deep

The ideal variable tuning condenser for replacement in practically all of the current miniature Japanese transistor receivers. The unusually small size of this variable permits it to be installed in the most compact radios. Easily mounted on printed circuit boards. Sturdy transparent plastic case protects delicate plates from any possible damage. Rotates through a full 180°. Sturdy solder leads. Trimmer adjustment on rear of case. Shpg. wt., 4 ozs.
MS-840 Net 1.95

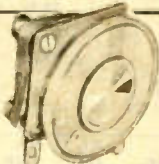


NEW! SMALLEST TUNING CONDENSER—WITH DIAL

- LAFAYETTE SPECIAL
- 365 MMF.
- POLYETHYLENE DIELECTRIC
- ONLY 1" SQUARE, $\frac{3}{16}$ " DEEP
- FOR TRANSISTOR & MINIATURE CIRCUITS

.59

A new "Poly-Vari-Con" model for use in TRF broadcast-band and experimental receivers. Complete with good-looking clear plastic tuning dial with calibrations from 530 to 1600 KC. Capacity variable from 10 to 365 mmf. Knurled dial is $\frac{1}{4}$ " diam.; rotation is 180°. Dial is mounted to condenser shaft by $\frac{1}{4}$ " diam. chrome-plated threaded retainer. Shpg. wt., 5 oz.
MS-445 Net .59



NEW! ULTRA SUB-MINIATURE TRANSISTOR COIL KIT

- Smallest 2 Gang Variable Ever Made!
- Size: 11/16" Square, $\frac{3}{16}$ " Deep



3.45

- 3 I.F.'s and OSC: $\frac{1}{4}$ " Square, $\frac{3}{16}$ " High
- Ferrite Loop Antenna

All in one kit — a complete set of matched micro-miniature coils, ferrite loop antenna, ultra-compact 2 gang variable condenser, tuning dial and schematic diagram for building a subminiature 6 transistor radio. Kit includes: Shielded and impregnated high-Q 455 KC IF transformers and oscillator coil—all slug tuned. Proper impedances are provided for optimum circuit performance. Variable condenser has protective case and rear trimmer adjustment. Flat ferrite loop antenna measures: $2\frac{1}{2}$ "x $\frac{3}{4}$ "x $\frac{1}{4}$ " thick. Clearly — printed circuit diagram indicates all parts necessary for a powerful 6 transistor receiver. Tuning dial and knob ($\frac{1}{4}$ " dia.) fits securely on V.C. shaft. The ultra-compactness and quality of these essential components allow you to construct a broadcast radio, miniature by today's standards, at tremendous savings. Shpg. wt., of kit is 1 lb.
MS-828 Net 3.45

MATCHED TRANSISTOR 455 KC I.F.'S

- FERRITE CORE — SLUG TUNED • ONLY $\frac{1}{2}$ " SQ. 9/16" H

Products of the latest engineering research, these 455 KC transistor I.F. transformers are designed with improved ratios of primary to secondary turns and of capacity to inductance for perfect impedance matching. Exacting research has proven that matching 1st and 2nd I.F.'s having a primary impedance of 25,000 ohms and a secondary impedance of 600 ohms with a 3rd I.F. having a primary impedance of 25,000 ohms and a secondary impedance of 1,000 ohms gives vastly improved results in transistor superhet circuits. Lafayette is first to make these specially matched transistor 455 KC I.F. transformers available to you. Shpg. wt., 4 ozs.

MS-268A 1st and 2nd I.F. primary impedance 25,000 ohms, secondary 600 ohms89

MS-269A 3rd I.F. primary Impedance 25,000 ohms, secondary 1,000 ohms .89



TRANSISTOR OSCILLATOR COIL



For 455KC IF circuits. Matches MS-270 variable condenser when used with MS272 ant. loop; matches MS-261 variable cond. with MS264 ant. loop. Size $\frac{3}{4}$ "x1". Wt., 4 ozs.
MS-265 In lots of 6, Ea. .69
Singly, Each .79

TRANSISTOR LOOP ANTENNA AND OSC. COIL



A loop antenna with a primary inductance of 700 microhenry, especially designed with the proper tap to match the input impedance required in transistor circuits. Covers the entire broadcast band from 540-1650 KC when used with latest miniature type variable condensers such as used in G.E. Regency and other subminiature sets. (Lafayette MS-261 is ideal.) Requires maximum capacity of 123 mmf in RF section of variable condenser. Wound on high efficiency iron core $\frac{1}{4}$ " long x $\frac{1}{4}$ " diam. Shpg. wt., 4 ozs.

MS-264 Net .95
MS-265 Matching Oscillator Coil. In lots of 6, Each .89
Singly, Each .79

MATCHED SET TRANSMISSION ANTENNA LOOP AND OSC. COIL



FOR USE WITH 365 MMF CONDENSERS.



A Transistor Loop Antenna with a fixed inductance loop; specially designed with $\frac{1}{2}$ " diameter Ferrite Rod to insure adequate signal to the first stage. Inductor is tapped to match an input impedance of 600 ohms. Frequency range 540-1650 KC. when used with variable condenser having a maximum capacity of 365 mmf. Dimensions $\frac{3}{4}$ "x $\frac{1}{4}$ ". Shpg. wt., 4 ozs.
MS-166 Net 1.25

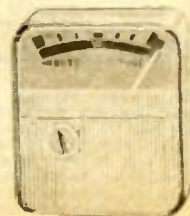
OSCILLATOR COIL

Designed for transistor circuits to supply the local oscillator energy to mixer stage. Intermediate frequency 455 kc. Used with a variable condenser maximum capacity of 365 mmf. Mounting clip fits into $\frac{3}{16}$ " diameter hole. Dimensions $\frac{3}{16}$ "x $\frac{1}{16}$ " high. Shpg. wt., 4 ozs.
MS-165 Net .69

NEW! SUB-MINIATURE TUNING & BATTERY METER FOR TRANSISTOR CIRCUITS ONLY $\frac{3}{4}$ "Wx $\frac{7}{8}$ "Hx $\frac{3}{4}$ " DEEP

2.45

Make your miniature transistor radio a deluxe receiver with this tuning and battery meter. Sensitive 300 u amp. D'Arsonval movement. Easy to read — clearly marked scale — red pointer. Meter has shielded case. Plastic bumpers protect pointer. With hook-up circuit. Scale marked: OFF, TUNE AND BATT. with intermediate graduations. Shpg. wt., 4 ozs.
TM-18 Net 2.45





LAFAYETTE SPECIALIZES IN MINIATURE PARTS FOR TRANSISTOR CIRCUITS



TRANSISTOR FLAT FERRITE TAPPED ANTENNA COIL — FOR USE WITH MINIATURE SETS

Size 2 3/8" L x 3/4" W x 3/8" Thick

Flat Ferrite Tapped Antenna Coil, for transistor circuits. Small in size for miniature sets. Frequency range 540 to 1650 KC when used with 211 μmf tuning condenser, such as the Poly-Vari-Con MS-270. Inductance 397 μh .

MS-329 Shpg. wt., 4 oz. Net .98

FOR USE WITH 365 μmf VARIABLE CONDENSER

Small in size, 2 3/8" L x 3/4" W x 3/8" Thick, for miniature circuits. For use with 365 mmfd Variable Condensers, such as MS-142, MS-274 and MS-445. Inductance 230 μh . Shpg. wt., 4 oz.

MS-330 Transistor Antenna Coil Net .98

HIGH-GAIN LOOPSTICK ANTENNA

An excellent selection of highly efficient, low-cost, ferrite core antennas. Give high gain across complete broadcast band from 540 to 1600 KC when tuned with standard 365 mmf tuning condenser. Ideal as replacements for bulky, old-fashioned loop antennas on back of AM broadcast receivers. Give sensitive reception from all directions—you don't have to rotate your radio to pick up weak stations.

A. VARI-LOOPSTICK. A revolutionary antenna development. An extremely small yet very powerful replacement antenna with a "Q" of 240-275. Boosts sensitivity and signal to noise ratio considerably in portable receivers. With adjustable ferrite core for maximum peaking efficiency and precise tracking on entire broadcast band. Single hole snap-in mounting, plus mounting bracket. Equally efficient at any angle. 2 1/4 x 3/8". Shpg. wt., 4 oz.

MS-11 In lots of 10, Each 36c
Singly, Each 39c

B. ENERGIZED FERRI-LOOPSTICK. New 5" ferrite rod loopstick antenna with a "Q" of up to 350. Extremely high gain brings in even distant stations not normally received. New type adjustable coil with self-locking vinyl collar permits peaking antenna for super sensitive results. 3 1/2 x 5". Shpg. wt., 6 oz.

MS-287 Net 88c

C. 7" SUPER LOOP. Super sensitive ferrite loopstick antenna with a "Q" of up to 425. Excellent for replacement of old style loops. Brings in even hard to get stations with incomparable ease. Adjustable for maximum sensitivity over length of 7 in. Complete with mount. Shpg. wt., 6 oz.

MS-44 Net 1.32

TRANSISTOR TAPPED VARIABLE ANTENNA COIL

- BEST SIGNAL PICKUP
- SUPER-SELECTIVE!

Transistor-wise Lafayette leads again with this new miniature tapped Variable Antenna Coil. Specially designed for matching the low input impedance of transistors. Results in maximum transfer of signal energy from tuning stage when used with 365 to 420 μmf variable capacitors, as well as in minimum loading by first transistor stage for sharper tuning and greater selectivity. Also improves selectivity and performance when used in multiple tuned RF stages. Highly sensitive with a "Q" of up to 250. With adjustable ferrite core for maximum peaking. Single-hole snap-in mounting, plus mounting bracket. Efficient at all angles. Size: 2 x 3/8" diam. Shpg. wt., 4 oz.

MS-299 Net 59c

TRANSISTOR POTENTIOMETERS DIME SIZE



5/8" Dia.

For Transistor and Sub-Miniature Circuits

Versatile carbon controls for audio, tone and similar applications; specially designed for Transistor and Sub-miniature circuits. Only 5/8" diameter, Shaft 1" long 1/4" diameter. Shaft easily cut to desired length, includes nut and lock washer. Shpg. wt., 2 oz.

WITHOUT SWITCH

VC-32 1,000 ohms	VC-24 25,000 ohms	49c
VC-33 5,000 ohms	VC-36 50,000 ohms	each
VC-34 10,000 ohms	VC-37 1/2 Meg	each
VC-35 15,000 ohms	VC-38 1 Meg	each
MS-185—Miniature Knob 5/8" Diam.		Net 9c

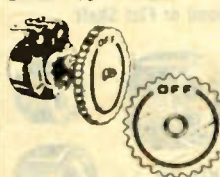
WITH S.P.S.T. SWITCH

These Versatile Sub-Miniature Controls with S.P.S.T. switch ratings 1 amp at 20 Volts, 1/4 amp at 67 1/2 Volts. Control was especially designed for Transistor and Sub-Miniature applications; Bushing 1/4" diameter and 1/4" long, includes nut and lock washer. Only 3/4" diameter 3/4" deep, shaft 5/8" diameter, 1" long. Shaft can be cut to desired length.

VC-26 1,000 ohms	VC-25 25,000 ohms	69c
VC-27 5,000 ohms	VC-31 50,000 ohms	each
VC-28 10,000 ohms	VC-39 1/2 Meg.	each
VC-29 15,000 ohms	VC-40 1 Meg.	each
MS-185—Miniature Knob 5/8" Diam.		Net 9c

MS-185—Miniature Knob 5/8" Diam. Net 9c

NEW! TRANSISTOR 5000 OHM POT WITH SWITCH, SLOTTED SHAFT AND KNURLED FLAT DIAL—3/8" DIAM.



New 5,000 ohm, 3/8" diam. subminiature volume control with ON-OFF switch. Ideal for transistor kits! Neat knurled plastic dial etched with "OFF" press fitted into 1/4" x 1/4" diam. slotted shaft. 1/2" body height, 1 1/4" L overall. Shpg. wt., 2 oz.

VC-48 Complete with KN-23 Dial Net .81

TRANSISTOR ON-OFF VOLUME CONTROL DIAL Neat flat transparent dial color-etched with "OFF". Fits 1/4" diam. volume control slotted shafts. Knurled periphery for easy vertical or horizontal activation. 1" diam. x 1/4" thick. Can easily fit VC-26 thru VC-35 if slot is made in shaft.

KN-23 Net .12c

TRANSISTOR FLAT FERRITE TAPPED ANTENNA COIL



• HIGH "Q" FOR MAXIMUM PICKUP

Latest super-sensitive Transistor Flat Ferrite Tapped Antenna Coils. Specifically designed to match the low input impedance of transistor RF stages for maximum sensitivity and selectivity. Fixed inductance loops with large ferrite area for increased signal pickup and a "Q" of up to 350. Size: 5/4" L x 1/4" W x 3/8" Thick. Shpg. wt., 4 oz.

FOR USE WITH 208 μmf CAPACITORS SUCH AS "POLY-VARI-CON" MS-270 Matched with the world's smallest transistor superhet variable capacitor MS-270 for excellent broadcast sensitivity and selectivity. 397 μh inductance.

MS-307 Net 98c

FOR USE WITH 123 μmf CAPACITORS SUCH AS MS-261 Matched with MS-261, the popular transistor superhet variable capacitor used in sets such as G.E., Regency, etc. 760 μh inductance.

MS-308 Net 98c

FOR USE WITH 365 μmf CAPACITORS SUCH AS MS-142 For use with 365 mmfd. Variable Condensers such as MS-142, MS-274 and MS-445. Inductance 230 μh .

MS-309 Net 98c

MINIATURE AND SUB-MINIATURE TRANSFORMERS IDEAL REPLACEMENTS FOR JAPANESE 6-TRANSISTOR RADIOS



Slug tuned, printed circuit mounted miniature IF transformers. All have 455 KC intermediate frequency. Each with schematic and pin contacts. Shpg. wt., 6 oz.

• ALL UNITS ONLY 3/8" SQ. AND 9/16" HIGH

MS-779 Oscillator Coll: Inductance 270 μh

MS-780 1st IF: pri. 70,000 ohms, sec. 1500 ohms

MS-781 2nd IF: pri. 50,000 ohms, sec. 1000 ohms

MS-782 3rd IF: pri. 30,000 ohms, sec. 5000 ohms

NET EACH .59

SUB-MINIATURE TRANSFORMERS

• ALL UNITS ONLY 5/16" SQ. AND 7/16" HIGH



Same as miniature IF transformers above except for size.

MS-775 Oscillator Coll

MS-776 1st IF

MS-777 2nd IF

MS-778 3rd IF

NET EACH .69

NEW! SUB-MINIATURE VARIABLE RESISTORS

SIZE—3/8" Dia. 1/8" Thick

Carbon composition potentiometers built for the most compact installations—in transistor and sub-miniature circuits. Ideal for printed circuits. Shpg. wt., 2 oz.

VC-57 1000 ohms	VC-60 50K ohms	29c
VC-58 5K ohms	VC-61 500K ohms	each
VC-59 10K ohms		

ANTENNA COIL



Antenna Coil—Highly efficient ferrite antenna coil for Japanese superhet receivers. 437 microhenries, Q is 200 at 1000 kc. 2 1/4 x 1 1/2 x 3/8". Shpg. wt., 4 oz.

MS-754 Net 59c

FERRITE ANTENNA CORES

- FERRAMIC Q ROOS AND STRIPS!
- CUSTOM BUILD YOUR FERRITE ROO ANTENNAS!

Now you can wind your own ferrite rod antenna—to fit your own particular length, width and Q requirements. A real boon to the experimenter—builder—small lab—design engineer. A necessity in attempting receiver miniaturization. Easily cut to any size required. Avg. shpg. wt., 4 oz.

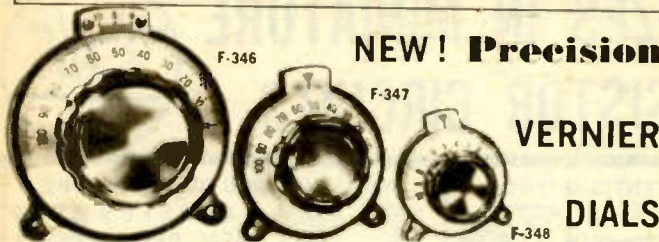
	Net ea.	12 for
MS-331 Rod 7 1/2 x 1/4"	.30	3.24
MS-332 Rod 7 1/2 x .33"	.48	4.76
MS-333 Rod 7 1/2 x 1/2"	.65	6.98

LITZ WIRE

7/41 stranded per 100 ft. Shpg. wt., 8 oz.
WR-417 Belden #8817

Net .29

DIALS-KNOBS-DIAL CORD



NEW! Precision

**VERNIER
DIALS**

Precision planetary drive vernier dials with approximately 8 to 1 ratio. Mounts on panel surface and has accurately centered metal inserts for 1/4" shafts. Metal dials are brushed silver finish with deeply etched and black filled engraving to provide maximum legibility even under poor lighting conditions. Reads counter-clockwise 0 to 100 in 180°. Uses tough scratch resistant for sure grip fluted molded knob and housing. Phosphor bronze and brass utilized for internal parts. Shpg. wt., 8 ozs.

F-348 36MM (1 1/2") Diameter Vernier Dial, 1 3/4" from front to back Net .89
 F-347 50MM (2") Diameter Vernier Dial, 1" from front to back Net .99
 F-346 70MM (2 7/8") Diameter Vernier Dial, 1 1/8" from front to back Net 1.39

GOLD INSERT KNOBS



Attractive, modern-shaped knobs for replacement purposes, molded of high-quality plastic and beautifully finished. All with rich-looking gold insert. Avg. shpg. wt., 2 ozs.

SET SCREW TYPE

STOCK NO.	FIG.	DIAM.	COLOR	NET EACH IN LOTS OF	
KN-12*	C	1 1/4"	Mahogany	1	5 25
KN-13	F	1 1/8"	Mahogany	.17	.15 .13
KN-14	G	1"	Mahogany	.17	.15 .13

PUSH-ON TYPE

Fit flat 1/4" shafts. * Indicates convex gold insert and back of knob protrudes 3/8". Others have flat gold insert and flush back. † For 1/4" knurled shaft with gold indicator line.

STOCK NO.	FIG.	DIAM.	COLOR	NET EACH IN LOTS OF	
KN-15	B	1 1/4"	Dark Maroon	.16	.14 .12
KN-16*	D	1 1/4"	Dark Maroon	.15	.13 .11
KN-52†	J	1 3/8"	Dark Maroon	.17	.15 .13
KN-18*	A	1 3/8"	Dark Maroon	.20	.18 .15
KN-20	H	7/8"	Black	.15	.13 .11

POINTER TYPE

This knob has a gold pointer and polished gold concave insert. Fits 1/4" flat shaft.

STOCK NO.	FIG.	DIAM.	COLOR	NET EACH IN LOTS OF	
KN-21	E	1 1/8"	Black	.20	.18 .15

FLUTED KNOBS



Black fluted knobs, with and without skirt. Made of thermosetting plastic with high glass finish. All have recessed brass insert and set screw. Mount on 1/4" round or flatted shaft. Shpg. wt., 4 ozs.

STOCK NO.	FIG.	DIAM.	HEIGHT	1-9 Ea.	10-up Ea.
KN-30	A	1 1/8"	5/8"	.19	.17
KN-31	A	1 3/8"	1 1/8"	.19	.17
KN-32	A	1 3/8"	3/4"	.22	.20
KN-33	B	1 1/2"	1 1/2"	.34	.30
KN-35	B	2 1/8"	1 3/4"	.40	.35



STANDARD PLASTIC KNOBS

Plastic knobs with knurled bodies for general application. All have molded hole with set screw for mounting 1/4" round or flatted shafts except * is push on type for flatted shaft. † has white indicator lines, ‡ has gold indicator line. Av. Shpg. wt., 4 ozs.

STOCK NO.	FIG.	DIAM.	COLOR	1-9	10-UP
KN-22	C	1"	Brown	.10	.09
KN-39	C	1"	Black	.10	.09
KN-38*†	D	1"	Black	.12	.11
KN-36†	E	1 1/8"	Black	.12	.11
KN-37†	E	2 3/8"	Black	.10	.09
KN-19	D	1 1/8"	Maroon	.07	.06



POINTER, BAR AND LEVER KNOBS

Black knobs molded of high quality plastic. All have set screw for 1/4" round or flatted shaft, and white indicator lines. Items marked * have brass insert. Size shown is length. Av. Shpg. wt., 13 oz.

STOCK NO.	FIG.	SIZE	1-24	25-99	100-UP
KN-40	F	2"	.15	.13	.12
KN-41	G	1 1/4"	.07	.06	.055
KN-42*	G	1 1/4"	.12	.11	.10
KN-43	H	1 1/4"	.09	.08	.07
KN-44*	I	1 5/8"	.16	.15	.13
KN-45	J	1 3/8"	.09	.08	.07



COMMUNICATION RECEIVER TYPE KNOBS

Molded of top-quality Tenite, and have easy grip knurling. These knobs are 1-7/16" in over-all diameter with chrome-plated bevel skirts for attractive appearance. Depressed numerals are black enameled on chrome plate. Designed to fit 1/4" shafts. Shpg. wt., 4 ozs.

KN-54 Numbered 0-10 through an arc of 300° clockwise.
 KN-55 With a single etched center line index.
 KN-56 Numbered 0-10 through an arc of 180° clockwise.
 Any type Single .34
 Lots of 6 Each .29



NATIONAL KNOBS

Molded of high quality plastic. All have 1 3/8" diam. chrome plated bevel skirts. Fit 1/4" shaft. Available in black or gray. Specify. Av. Shpg. wt., 4 ozs.

STOCK NO.	NAT. NO.	MARKING	ROTA-TION	1-24	25-up
HP-157	HRS-3	0-10	300°	.58	.52
HP-158	HRS-4	Single Line		.58	.52
HP-159	HRS-5	0-10	180°	.58	.52

MINIATURE KNOBS

Plastic knob, only 5/8" diameter fits 1/8" shafts, for miniature components such as Ferri-loopstock, sub-miniature pots, etc. Av. Shpg. wt., 4 ozs.
 MS-185 Brown Net .09
 KN-57 Ivory Net .11

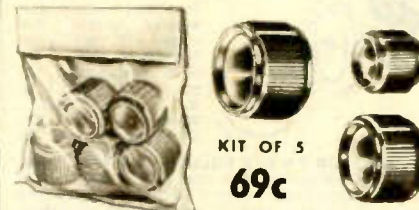
DIAL CORD

Handy spools of pre-stretched nylon dial cord in sizes that cover almost all replacement needs. Breaking strength med. Is 35 lbs., std. 20 lbs., thin 15 lbs. Average shpg. wt., 5 ozs.

TYPE	OIA.	NO. 100'	NET	NO. 25'	NET
Med.	.040"	MS-507	2.91	MS-504	.88
Std.	.032"	MS-508	2.91	MS-505	.88
Thin	.025"	MS-509	2.91	MS-506	.88

MATCHED KNOB KITS

- Molded From Hi-Impact Plastic
- Brass Screw and Shaft Insert
- Accepts Up To 1/4" Round or Flat Shaft



KIT OF 5
69c

You'll want these trim distinctive, functionally styled knobs to add a custom or professional appearance to your Hi-Fi, Ham, Test and Experimental Equipment. Finished in an attractive steel gray and molded from tough hi-impact plastic, the knob is of cylinder design with sure-grip fluted sides and an aluminum ring-set in a recessed face. Rugged brass screw and mounting shaft insert will accept up to 1/4" round or flat shaft. Each kit contains 5 knobs—all same size. Shpg. wt., 7 ozs.

KI-55 Size: 1 7/8" Diam., 7/8" Deep Kit of 5 Net .89
 KI-56 Size: 1 3/8" Diam., 1 1/4" Deep Kit of 5 Net .79
 KI-57 Size: 1" Diam., 1 1/8" Deep Kit of 5 Net .69

50 PIECE

T.V. KNOB KIT

- A Great Value
- Less Than 4c Each



Just a few of these knobs are worth more than the price of the entire kit! Selection contains 50 assorted TV knobs including such types as channel selector, fine tuning, volume, etc. Useful and attractive. Many with gold lettering or gold inserts. Shpg. wt., 3 lbs. KI-45 1.95

PROFESSIONAL KNOBS



Add professional appearance to any equipment. The ideal replacements or new knobs for—Test Equipment—Ham Radio—Hi-Fi—Experimental Gear, etc. Professional blackmat finish. To fit 1/4" round shaft. All knobs come with set screw. The round knob with skirt has a white pointer for reset use. Size: Fig. A 1" max. diameter, x 3/4" H. Fig. B skirt dimen. 7/8" dia. x 1 1/8" H. Fig. C 7/8" dia. x 5/8" H. Shpg. wt., 7 ozs.

KN-58 Pointer Knob (Fig. A) Net .39
 KN-59 Round Knob with Skirt and pointer (Fig. B) Net .34
 KN-60 Small Round Knob (Fig. C.) Net .29



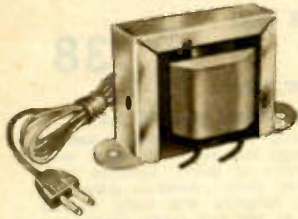
NATIONAL VERNIER DIALS

All have 3 blank scales and one 0-100 logging scale, 5:1 drive ratio, clear-view plastic windows, clear plastic pointers with centered hairlines and holes for calibrating each scale. Black wrinkle escutcheons. Type 1CN is illuminated. All fit 1/4" shaft. Complete with instructions and hardware. Mechanism extends 1/4" below rear of frame. Av. Shpg. wt., 13 ozs.

STOCK NO.	NAT. NO.	FIG.	SIZE	NET
HP-160	ACN	A	5" H x 7 1/4" W	7.04
HP-161	ICN	B	5 1/8" H x 7 1/4" W	6.90
HP-162	SCN	A	4 7/8" H x 6 1/4" W	6.47
HP-163	MCN	A	2 3/8" H x 3 3/8" W	3.99

SPECIALTIES for BUILDERS and EXPERIMENTERS

POWER/ISOLATION TRANSFORMER



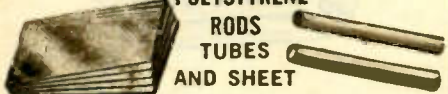
1.59

- IDEAL FOR AMPLIFIERS, INTERCOMS AND RECEIVERS
- 12 PAGE BOOKLET DESCRIBING USES
- AC LINE CORD AND PLUG IN PRIMARY
- REDUCES SHOCK HAZARD IN AC-DC EQUIPMENT

Here is a versatile power transformer that is ideal for experimenters, hobbyists and constructors. Primary 117 volts and secondary 105 volts no-load—82 volts with 150 ma filament load. Literally hundreds of uses for this versatile unit. A 12 page booklet gives pictorial and schematic diagrams for using this transformer in circuits for broadcast receiver phono oscillator, audio amplifier broadcast station, code practice oscillator, capacity operated relay, signal tracer, electronic timer, electronic switch and photocell relay. Minimizes the danger of shock by isolating circuits from the power line. An exceptional value at this price. Shpg. wt., 2 1/4 x 2 1/2". Shpg. wt., 3 lbs.

TR-91 TRANSFORMER Net 1.59

POLYSTYRENE RODS TUBES AND SHEET



Feature high dielectric strength, dimensional stability low loss, arc-resistance, and insulating properties. Moisture proof. Easily sawed, drilled and tapped. Sheets and rods are transparent, tubing satlin finish.

POLYSTYRENE SHEETS

Stocking	Size	Thick Inch	Shpg. Wt.	Net 1-9	Each 10-49
P-450	12" x 12"	1/16"	8 oz.	4.07	3.66
P-451	12" x 12"	3/32"	10 oz.	4.70	4.23
P-452	12" x 12"	1/8"	12 oz.	5.39	4.85
P-453	12" x 12"	3/16"	1 lb.	7.01	6.31
P-454	12" x 12"	1/4"	1 1/2 lb.	7.99	7.19
P-455	12" x 24"	1/16"	1 lb.	7.64	6.88
P-456	12" x 24"	3/32"	1 1/4 lb.	8.97	8.07
P-457	12" x 24"	1/8"	1 1/2 lb.	10.29	9.26
P-458	12" x 24"	3/16"	2 lbs.	12.89	11.60
P-459	12" x 24"	1/4"	3 lbs.	15.34	13.81

12" POLYSTYRENE RODS

Stock No.	Size L X Diam.	Shpg. Wt.	Net 1-9	Each 10-49
P-460	12" x 1/8"	2 oz.	.03	.02
P-461	12" x 3/16"	3 oz.	.07	.06
P-462	12" x 1/4"	5 oz.	.12	.11
P-463	12" x 3/8"	6 oz.	.18	.16
P-464	12" x 1/2"	6 oz.	.25	.22
P-465	12" x 3/4"	6 oz.	.47	.42
P-466	12" x 5/8"	8 oz.	.71	.64
P-467	12" x 3/4"	8 oz.	.98	.88
P-468	12" x 7/8"	8 oz.	1.39	1.25
P-469	12" x 1"	8 oz.	1.86	1.67

12" POLYSTYRENE TUBES

Stock No.	O. D.	I. D.	Shpg. Wt.	Net 1-9	Each 10-49
P-470	1/4"	1/8"	2 oz.	.10	.09
P-471	3/16"	3/16"	3 oz.	.14	.13
P-472	1/2"	3/8"	3 oz.	.18	.16
P-473	1/2"	3/8"	3 oz.	.25	.22
P-474	3/4"	1/2"	4 oz.	.31	.28
P-475	3/4"	3/4"	5 oz.	.39	.35
P-476	1"	7/8"	6 oz.	.55	.49

INDUSTRIALS WRITE FOR PRICES ON LARGER QUANTITIES

POLYSTYRENE CEMENT AND COIL DOPE
Pure polystyrene dissolved in thinner. For coating, doping, scaling coils, and for cementing polystyrene to polystyrene. 2 oz. bottle. Shpg. wt., 4 oz.
P-283 Net .47
THINNER FOR ABOVE Cuts and dissolves polystyrene material. 2 oz. bottle. Shpg. wt., 4 oz.
P-303 Net .44

NEW! COILMASTER DELUXE



ACCURATE COIL WINDER
6.75

Latest redesigned model gives even greater accuracy than ever to meet modern requirements. Easy-to-use set winds honeycomb, spiderweb and solenoid coils of various widths and diameters—equal in appearance to a factory job. Also suitable for winding chokes, transformers and filter inductors. Indicator counts number of turns on coil. Supplied with accessories including wood spools, metal pegholders and extension for making long solenoid coils. Instructions included, but less coil form and pegs. Shpg. wt., 6 lbs.

ML-260 Net 6.75

MINIATURE EQUIPMENT CASE



A miniature plastic case mounted on a standard octal base. For equipment designers—experimenters—builders—hobbyists. Perfect for modular construction. Mount relays—resistors—condensers—networks—any miniaturized circuitry—for plug-in use. Add whole stages in one unit to existing equipment. Thousands of uses. Size 1 1/4" x 1 1/2" sq. Project 2" above chassis. Shpg. wt., 4 oz.
RY-262 Net .55

SHURE MINIATURE MIKES



IDEAL FOR HIDDEN MIKES!

Controlled magnetic mikes for use in small vacuum tube or transistor devices. Shpg. wt., 3 oz.
Fig. A. Model MC-11J. Round type 1 1/4" diam. x 3/8" thick. Output—71 db, impedance 1000 ohms, 400-3000 cps, cad. plated brass case, eyelet solder terminals.
M-125 Net 7.35

Fig. B. Model MC-20J. Rectangular 5/8" x 3/4" x 3/8". Output—75 db, impedance 1100 ohms, 400-4500 cps. cad. plated brass case, flexible lead terminals.
M-126 Net 8.23

Fig. C. Model MC-30J. Square 1/2" x 1/2" x 1/4". Output—76 db, impedance 1850 ohms, 400-3500 cps, cad. plated brass case, eyelet solder terminals.
M-132 Net 11.76

TUNING DIAL AND KNOB



Attractive dark maroon plastic push-on knob with gold insert calibrated for AM broadcast band. Fits 1/4" shafts such as MS-141, MS-142, MS-214, and MS-261. Fluted, tapered rim 1 1/2" dia. Back protrudes 3/8". Shpg. wt., 4 oz.
KN-26 Net .29

"Liqua-Gold"

Chemical Plating Solution

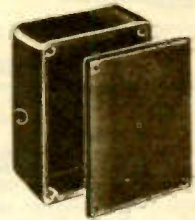
- No Electricity—No special equipment
- Plates by ionic displacement
- Will not tarnish—needs no polishing

Gold plate practically any metal object. Not a paint—true gold plating by chemical solution. Uses no electricity—plates by ionic displacement—a tried and true method long used commercially. Plates all common metals—copper, brass, bronze, nickel, iron, steel, tin, pewter, cadmium solder, zinc, etc. Plate novelties—ornaments—ash trays—door knobs—jewelry—buttons—buckles. Plate electrical contacts to end corrosion forever. Printed circuits—connectors—terminals—sockets—plugs—switches—relays. The plating deposit is 24K pure gold. Includes complete instructions. Will plate 300 sq. in. Shpg. wt., 4 ozs.

HD-686 Net 2.28

Enough to plate 600 sq. in. Shpg. wt., 8 ozs.
HD-687 Net 4.10

BAKELITE CASES and PANELS



Ideal for building test equipment and small electronic devices. All black bakelite with rounded corners and recessed threaded inserts for mounting panels. Walls 1/4" except * is 3/32". Avg. shpg. wt., 11 oz.

Stock No.	Size	Net Each 1-4	5-Up
MS-216	6 1/4 x 3 3/4 x 2"	.65	.59
MS-217	Panel for above	.39	.36
MS-218*	6 3/4 x 5 1/4 x 2 1/4"	1.20	1.08
MS-219	Panel for above	.60	.54
MS-844	8 3/4 x 7 3/4 x 3"	1.59	1.43
MS-845	Panel for above	.75	.69

PLASTIC CASE FOR MINIATURE EQUIPMENT



Beautiful pocket sized modern streamlined case with rounded corners and removable snap-on cover. Ideal for that transistorized receiver—or other miniature or subminiature preamplifier, amplifier, oscillator or transmitter. Two pre-drilled apertures, a 2 1/2" diameter opening ideal for Poly-Vari-Con tuning capacitor and a 3/8" opening ideal for volume control and switch. In addition, there are two small openings on the side for such internal leads as antenna or earphone. Size: 4 1/2" x 2 1/2" x 1 1/8". Shpg. wt., 6 oz.

MS-302 Net .95

Ivory & Gold Dial Knobs For Above. Wt., 1 oz.
KN-24 Net .45

Ivory Miniature Vol. Control Knob. Wt., 1 oz.
KN-57 Net .11



PLASTIC CASES for MINIATURE ELECTRONIC GEAR

Clean, polystyrene cases. Ideal for miniature assemblies. All have ball type hinged covers except †. All have ball type hinged covers except *. MS-300 has plastic handle. Avg. shpg. wt., 6 oz.

Stock No.	Size—LxWxH	Net
MS-156	1 1/2 x 2 1/2 x 1"	.09
MS-157	2 1/8 x 1-3/16 x 1"	.12
MS-158	2 1/8 x 2 x 1"	.15
MS-159	3 1/2 x 2 1/2 x 1"	.18
MS-160*	4 3/8 x 2 1/4 x 3/4"	.20
MS-300†	7 1/2 x 5 x 1 1/2"	.89
MS-161†	4 3/8 x 2 3/4"	.30
MS-162†	4 1/8 x 3 1/2 x 1 1/4"	.32
MS-163*	5 x 5 1/4 x 1 3/8"	.35
MS-164*	5 3/4 x 3 x 1 3/8"	.28
MS-298	3 7/8 x 3 1/2 x 1 1/8"	.18

AMPHENOL TUNING EYE ASSEMBLIES



For use in custom building. Simple to install. For set with AVC, FM sets, test instruments, etc. Shpg. wt., 8 oz.

6 PRONG TYPE: For 6 prong tubes. Includes 1 meg resistor wired into socket, 5-wire color-coded 22" long cable, mtg. bracket, escutcheon, hardware and instructions.
CM-49 AMPHENOL 58-MEA 6 Net 1.98

OCTAL TYPE: For all octal tubes including dual and multi-pattern types. With 8 wire, color-coded 22" cable.
CM-50 AMPHENOL 58-MEA 8 Net 2.78

SOLAR AND PHOTO ELECTRIC PHOTOCELLS



CLAIREX PHOTOCELLS

Photoconductive cells extremely sensitive in the red and near infrared spectral region. Act as resistors which vary with applied illumination. Permits high speed applications without compensation. Have very low dark current and negligible cell noise. Maximum Voltage: 300V DC or peak AC. Operating temperature: 50 to 75°C. Power dissipation 50 mw.

PLASTIC TYPES: Polyester cases; 50 Mw power dissipation. 1/4" dia. x 1/2" long. Shpg. wt., 3 oz. Cadmium Selenide.

Stock No.	Mfr's Type	Fig.	Sensitivity ua @ 1 Ft. Candle	Time Constant @ 100 FT. Candle	Net
MS-740	CL-3	A	600 @ 100V	1 ms	3.50
MS-829	CL-4	A	1000 @ 30V	2 ms	3.50

GLASS TYPES: Feature hermetically sealed glass enclosures: Low Resistance "L" types for Transistor and other low voltage applications. 75 mw power dissipation except 500 series is 500 mw with heatsink and 250 mw without heat sink. "400" series .265 x 1". "500" series .5 x 5". "600" series .25 x 5". Average DC resistance measured at 2 foot-candles, 2870° K and 25° C ambient. CdS = Cadmium Sulphide; CdSe = Cadmium Selenide. A = Peak Spectral Response in Angstroms.

Stock No.	Mfr No.	Fig.	Mat.	A	Light Ohms	Volts (Max)
MS-830	CL-402	B	CdS	5050	1M	300
MS-839	CL-403	B	CdSe	7350	133K	300
MS-831	CL-404	B	CdSe	6900	30K	300
MS-832	CL-407	B	CdS	6150	133K	300
MS-833	CL-504	C	CdSe	6900	1.5K	250
MS-834	CL-504L	C	CdSe	6900	0.25K	60
MS-835	CL-505	C	CdS	5500	9K	250
MS-836	CL-603	D	CdSe	7350	133K	300
MS-837	CL-604L	D	CdSe	6900	1.5K	60
MS-838	CL-605L	D	CdS	5500	7.5K	60

NET EACH 4.00



B2M SUN BATTERY

International Rectifier's Sun Battery requires just average sunlight to generate 2 ma. current under 10-ohm load. With milliammeter can be used as light measuring device. In series or series-parallel will drive transistorized equipment. Ideal for spectrophotometers, headlight dimmers, burglar alarms, timers, etc. Measures .724x443x.040". 60 microamps @ 100 footcandles with 55 ohm load. 5 volt in average sunlight. .25 volt at 100 footcandles. Complete with 1/4" mounting bracket, 6" leads.

MS-112

Net 1.47



POLARIS "MAJ-P" RESISTOR PHOTOCELL

A cadmium-sulphide light-dependent resistor used to actuate door openers, burglar alarms, smoke detectors, light controls, production counters, etc. Resistance varies from 200 ohms at approx. 93 foot-candles to over 10 megohms in total darkness. Maximum volts: 110VAC (peak) 110VDC; maximum dissipation: 2 watt @ 40°C, 1 watt @ 50°C, 0 @ 60°C. Capacity approx. 6 mfm. 1/2" diam. x 3/8" thick. Shpg. wt. 3 oz.

MS-791

Net 2.19

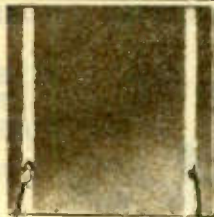
NEW! LAFAYETTE CADMIUM SULPHIDE PHOTOCELL

AMAZING VALUE AT **-.95**



New head-type window cadmium sulphide photocell. Maximum ratings: 200VDC, 60°C. Resistance: 10 ohms at 0 ft. candles, 100K to 10 meg. at 10 ft. candles, 30K to 2 meg. at 100 ft. candles. Range of sensitive wave length: 400 to 800 angstroms. 1/4" diam. x 3/8" L overall. Standard screw mount; miniature base. Shpg. wt., 2 oz. MS-855

Net .95



POWERMASTER TYPE CDS-10 CADMIUM SULPHIDE PHOTOCELL



A miniature crystal photocell that is ideal for actuating, counting, measuring photo-electric control. Acts as a resistor that varies with the intensity of light from over 1 megohm in total darkness to under 1500 ohms at 100 foot candles. Rapid response fast enough to operate relays in 1/10 second. Minimum current output 66 ma at 50 ft. candles at 90 Volts. Output varies with illumination intensity and applied voltage to as low as .08 ma at 1 ft. candle at 6 volts. Power dissipation 1/2 watt continuous, 2 watts for 5 seconds. Usable response to entire visible spectrum with peak sensitivity to blue-green light and good red response. Response to infra-red is low. Size 1/4" x 3/8" x 1/8".

MS-739

Net 2.50

NEW! LAFAYETTE SUPER-VALUE SUN BATTERY QUANTITY LIMITED!



Sensational buy enables Lafayette to offer this famous selenium photocell at a small fraction of its normal price! Approx. 8 MA current output at 100 ft. candles with 55 ohms load! 5 volts open circuit voltage in av. sunlight. 30 MW power output at 100 ft. candles with 1000 ohm load! Truly a super buy for the experimenter, kit builder, etc. With colored pig-tail leads. 1 1/2" diam.

MS-543

Net 1.47

SELENIUM PHOTOCELL

Excellent for
 • Burglar Alarms
 • Door Openers
 • Counters

OPERATES RELAYS DIRECTLY

Barrier layer, self-generating type: light striking upon cell generates current sufficient to operate relays directly without the use of auxiliary power. Lifetime of cell is unlimited. 600 microamperes of output at 100 foot candles. 2 inches in diameter. Mounted in a handsome plastic case.

MS-826 Photocell, Wt., 8 oz.

Net 8.75

SELF GENERATING PHOTOELECTRIC CELLS

BELOW DISTRIBUTOR COST!

• Complete with leads

• No external power needed

AS LOW AS **.38**

• Output in sunlight up to 60 MA

Selenium, self-generating photocells convert sunlight or artificial light energy into electrical energy without any auxiliary source of power. Sensitive to a wide spectrum including white, colored or ultra-violet light. All unmounted; complete with leads. Outputs in table below taken at 100 foot candle illumination with 100 ohm load. Higher outputs obtainable with greater light. Shpg. wt., 3 oz.

Stock No.	Out ua	Size	1-4	5-9	10
MS-771	75	1 1/4" x 3/8"	.42	.40	.38
MS-772	220	1 1/4" x 3/8"	.58	.55	.52
MS-773	350	1 1/4" x 3/8"	.80	.76	.72
MS-774	750	1 1/4" x 1 1/8"	3.18	3.03	2.88

CADMIUM SULPHIDE PHOTOCELL



• For Sensitive Relay Actuation
 • For Photo Electric Control

A neatly constructed crystal photocell that has countless applications in counting, relay actuation, etc. Resistance varies with light from 1 megohm in total darkness to approx. 4,000 ohms at 100 foot candles. Responds to entire visible spectrum and is fast enough for relay operation. Minimum current output 1/10 60 ma at 50 ft. candles at 90 volts. Neatly capsulated for easy mounting with leads for electrical connection. 1 1/4" x 3/8" overall.

MS-827

Net 2.45

INTERNATIONAL RECTIFIER PHOTOELECTRIC CELLS



• Self Generating—No External Power Needed
 • Output in Sunlight Up To 60 MA

Converts artificial or sunlight to electrical energy. Sensitive to a wide spectrum including white, colored or ultra-violet light. Ratings given below are 100 foot candle illumination with 100 ohm load. Much higher outputs obtainable with greater light. All unmounted. Shpg. wt., 3 oz.

Stock No.	Int'l Type	Out ua	Size	1-4	5-9	10
MS-741	B-2	75	2 1/2" x 1 1/2"	.98	.93	.88
MS-742	B-5	220	1 3/4" x 4 1/4"	1.96	1.86	1.76
MS-743	B-10	350	1 3/4" x 7/8"	2.45	2.35	2.20
MS-744	B-15	750	1 1/4" x 1 1/8"	5.88	5.59	5.29

SILICON CELLS

Rugged silicon cells capable of converting up to 9% of radiant energy. Covers wave lengths from approx. 500 to 1100 millimicrons with peak in the short infrared range. Chart below shows typical characteristics at 30°C with incident energy of 100mw/cm². Output volts are approx. Unmounted. Size 1 x 2 cm except * is 1/2 x 2 cm. Shpg. wt., 3 oz.

Stock No.	Int'l Type	MW	Output Volt	MA	Net Each
MS-745	S-1020	7.0	.35-.4	17.5	3.09
MS-746	S-1020A	10.5	.4	26	3.43
MS-747	S-1020B	14.0	.4	35	4.02
MS-748	S-0520	3.0	.35-.4	7.5	2.35
MS-749	S-0520A	4.5	.4	11.2	2.69
MS-750	S-0520B	6.0	.4	15	3.14

PRINTED CIRCUIT COMPONENTS — EXPERIMENTERS ITEMS

NEW! PERFORATED COPPER-CLAD AND UNCLAD BOARDS

- Ideal For Transistor And Subminiature Circuitry
- Copper-Clad For Printed Circuits
- Unclad Type For Wired Circuits

These sturdy, perforated boards are the ideal base for builders, experimenters, and labs to mount miniaturized components. Two types available: either high grade bakelite for wired circuits, or one side copper-clad for

"printed" circuitry. Holes are $\frac{1}{16}$ " diameter with $\frac{3}{16}$ " between hole centers. All boards are $\frac{1}{16}$ " thick. For contacts, the MS-263 flea clips listed on this page are ideal. Avg. shpg. wt., 6 oz.

COPPER CLAD BOARDS

Stock No.	Size	Net Each Lots of		
		1	100	250
MS-847	2 $\frac{1}{2}$ " x 3 $\frac{3}{8}$ "	.35	.30	.24
MS-848	3 $\frac{1}{2}$ " x 6 $\frac{3}{4}$ "	.55	.50	.45
MS-849	7 $\frac{1}{2}$ " x 6 $\frac{3}{4}$ "	1.15	.96	.87
MS-850	10 $\frac{1}{2}$ " x 7 $\frac{1}{4}$ "	1.90	1.58	1.42

UNCLAD BOARD

Stock No.	Size	Net Each Lots of		
		1	100	250
MS-304	2 $\frac{1}{2}$ " x 3 $\frac{3}{8}$ "	.25	.20	.18
MS-305	3 $\frac{1}{2}$ " x 6 $\frac{3}{4}$ "	.45	.40	.35
MS-306	7 $\frac{1}{2}$ " x 6 $\frac{3}{4}$ "	.75	.65	.60
MS-846	10 $\frac{1}{2}$ " x 7 $\frac{1}{4}$ "	1.20	1.08	.97

COPPER CLAD LAMINATE AT LAFAYETTE'S LOW PRICES!

Finest quality XXXP bakelite base, copper clad boards for printed circuit work. Av. shpg. wt., 2 ozs.

NO.	DESCRIPTION	NET
MS-510	XXXX Copper Lam.—1 side—9"x12"	1.50
MS-511	XXXX Copper Lam.—1 side—6"x4 $\frac{1}{2}$ "	.45
MS-512	XXXX Copper Lam.—1 side—3"x4 $\frac{1}{2}$ "	.30
MS-513	XXXX Copper Lam.—1 side—2"x4 $\frac{1}{2}$ "	.25
MS-514	XXXX Copper Lam.—1 side—3"x2 $\frac{1}{2}$ "	.24
MS-515	XXXX Copper Lam.—2 sides—9"x12"	1.95
MS-516	XXXX Copper Lam.—2 sides—6"x4 $\frac{1}{2}$ "	.60
MS-517	XXXX Copper Lam.—2 sides—3"x4 $\frac{1}{2}$ "	.40
MS-518	XXXX Copper Lam.—2 sides—2"x4 $\frac{1}{2}$ "	.30
MS-519	XXXX Copper Lam.—2 sides—3"x2 $\frac{1}{2}$ "	.27

EPOXY ENCAPSULATION 3 WAY KIT 9.93

Complete kit contains all needed parts for encapsulating components in E case shells with liquid resin, casting powder or pellets. Kit includes 3 of each of 9 sizes at molded shells of sizes listed below, liquid resin and hardener, casting powder, pellets and epoxy molded sheet and instructions. Shipping weight 2 lbs.

STOCK NO.	MOLDED CASE SHELLS SIZE	Pkg. of 5	10	100
MS-521	$\frac{1}{2}$ " OD x $\frac{3}{4}$ " L	.37	.67	6.10
MS-522	$\frac{3}{8}$ " x 1 $\frac{1}{2}$ "	.39	.70	6.40
MS-523	$\frac{3}{8}$ " x 1 $\frac{1}{4}$ "	.40	.72	6.65
MS-524	$\frac{3}{8}$ " x 1 $\frac{1}{8}$ "	.43	.77	7.10
MS-525	$\frac{1}{2}$ " x 2	.55	.99	9.15
MS-526	$\frac{3}{4}$ " x 2	.62	1.12	10.30
MS-527	$\frac{3}{4}$ " x 2	.66	1.19	10.90
MS-528	$\frac{7}{8}$ " x 2	.71	1.28	12.30
MS-529	9 x 2	.78	1.40	12.85
MS-530	3 OZ. LIQUID RESIN Wt. 7 oz.			Net 30
MS-531	$\frac{1}{2}$ OZ. HARDENER Wt. 3 oz.			Net 10
MS-532	2 OZ. BLACK CASTING POWDER 5 oz.			Net 99

HYGROPAK-HUMIDITY SENSOR



New type of electric humidity measuring element. Film type element for stability — reproducibility — polarization. Resistance decreases with increase in humidity. Extremely fast reaction time. Will operate in temperatures up to 200°F. Covers the entire humidity range with a near linear curve. Shpg. wt., 2 ozs. Net 9.98

EL-TRONICS HUMIDITY SENSING ELEMENT

New—highly accurate—extremely stable humidity sensing element. Varies bias on control grid of vacuum—directly controls meter reading in bridge circuit. Employs conducting plastic which changes resistance in the presence of water vapor. Rapid reaction time. Long term stability—trouble free operation. Employs punted electrodes on each face. $\frac{3}{4}$ " x $1\frac{1}{2}$ " x $\frac{1}{4}$ ". Includes Specs—curves—sample circuiting. Shpg. wt., 4 oz. Net 9.00



FLEA CLIPS FOR TRANSISTOR AND SUBMINIATURE CONTACTS



"Flea" clips are specially designed for subminiature work. Fit perfectly in holes in perforated copper-clad and unclad boards listed above. Made of beryllium copper, silver plated finish. Simply insert wire thru hole for positive grip contact.

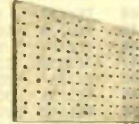
MS-263	Package of 12	Net .25
MS-851	Package of 1000	Net 15.75
MS-852	Package of 5000	Net 76.15
MS-853	Package of 10,000	Net 149.30

MASONITE BREADBOARD

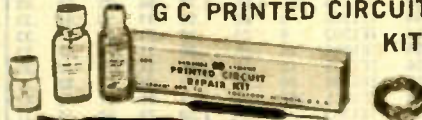
- Ideal for Kit Builders

Tempered masonite board with holes spaced $\frac{1}{2}$ " apart to facilitate mounting of parts. Size 7 $\frac{1}{2}$ " x 11 $\frac{1}{2}$ " x $\frac{1}{8}$ " thick. Shpg. wt., 12 oz.

ML-81 Net .25



G C PRINTED CIRCUIT KIT



Here's a kit every serviceman needs to repair printed circuits or printed wiring in TV sets, hearing aids, radios, etc. Contains Print-Kote silicon resin, solvent, pure silver print, solder probe tool. Print-Kote solder, stainless brush scraper and printed circuit service manual. Wt., 2 lbs. Net 5.73

P-308 GC-680 Kit

ECONOMY KIT

Same as above but less the pure silver print. Wt., 2 lbs. P-309 GC-681 Kit Net 3.41

PRINTED CIRCUIT ESSENTIALS

PRINT-KOTE SILICON RESIN. Used to coat and protect joints and parts after repair. Fast, air drying 2 oz. bottle with brush. Shpg. wt., 6 ozs. P-310 GC-14-2 Net 1.15

PRINT-KOTE SOLVENT. For removing silicon resin or to thin it. 2 oz. bottle. Shpg. wt., 6 ozs. P-311 GC-13-2 Net .35

PRINT-KOTE SOLDER. Non-corrosive flux with low melting solder combined with pure silver. 2 oz. coil. Shpg. wt., 4 ozs. P-312 GC-9131 Net .50

PRINT-KOTE SILVER PRINT. Pure silver compound. Air drying. Used to repair printed circuit "wires" and touch up connections. $\frac{1}{2}$ Troy oz. Shpg. wt., 4 ozs. P-313 GC-21-1 Net 2.32

SOLDER-AID PROBE. Special fine point. Stainless steel. Solder won't stick. Shpg. wt., 2 ozs. P-314 GC-9093 Net .97

BRUSH AND SCRAPER. Stainless steel brush and steel scraper. Indispensable repair tool for printed circuits. Shpg. wt., 2 ozs. P-315 GC-9094 Net .97

K-27 PRINT COAT. Clear silicone resin in 6 oz. spray can. Insulates and protects. Shpg. wt., 8 ozs. P-316 GC-14-6 Net 2.41

PRINTED CIRCUIT KITS

- Ideal for Laboratory Work to Make Prototypes
- For The Builder — Experimenter — Student — Technician



Printed circuits are designed to eliminate wiring and are ideal for space saving, particularly where miniature components are used. They are being used widely in an ever increasing number of applications. With these kits, you can etch your own circuitry on copper clad XXXP insulating boards with etching materials provided. Kits also contain variety of other materials and parts such as printed circuit sockets, various types of resist-material, etc. Listing below gives contents. All in handsome plastic boxes.

TECHNICIANS KIT

Contains 8 copper clad single faced and 2 double faced boards from 4 $\frac{1}{2}$ "x6" to 3x2 $\frac{1}{4}$ " ; 6 tube sockets; 2 packs etchant; 1 tape resist; 1 liquid resist; 3 dozen eyelets; 1 drill and typical circuit diagrams and directions. In plastic box size: 9 $\frac{3}{4}$ "x6 $\frac{1}{2}$ "x2". Shpg. wt., 1 lb. 5 oz. MS-725 KIT NO. 5003P Net 9.75

BASIC KIT

A good kit to start off learning the technique of etched circuitry. Contains 3 copper clad boards from 4 $\frac{1}{2}$ "x3" to 3x2 $\frac{1}{4}$ " ; 1 each 7 and 9 pin sockets; 1 pack etchant; 1 tape resist; eyelet assortment; drill and directions. In plastic box size: 5 $\frac{1}{2}$ "x1 $\frac{3}{4}$ "x4". Shpg. wt., 8 oz. MS-726 KIT NO. 5001P Net 3.75

NEW BALL POINT TUBES

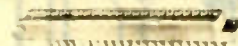
Make resist patterns directly on copper clad boards. As easy to use as a ball point pen. Deposits line $\frac{1}{16}$ " wide. No need to "lay-out" colors of resist for color coding of circuiting. Liquid resist ball point tubes are available in various colors. Yellow, green, blue, red, brown, black and orange. MS-728 PRL—Specify Color Net 1.25

PRINTED CIRCUIT ACCESSORIES

Basic components for the experimenter—designer—lab—limited production—etc., in printed circuit construction. Highest quality materials—indispensable for prototype work.

Stock No.	Type	Description	Wt.	Net ea.
MS-729	PE-3	Etchant—6 ozs.	10 ozs.	.50
MS-730	PE-5	Etchant—Pl.	1 lb.	1.25
MS-731	PE-7	Etchant—Qt.	2 lb.	2.25
MS-732	PEY-1	24 Eyelets—.062Dx.093L	2 ozs.	.20
MS-733	PEY-2	24 Eyelets—.062Dx.125L	2 ozs.	.20
MS-734	PRT-1	Tape Resist $\frac{1}{2}$ "x320"	2 ozs.	.85
MS-735	PRT-2	Tape Resist $\frac{1}{4}$ "x320"	2 ozs.	.75
MS-736	PRT-4	Tape Resist $\frac{1}{8}$ "x320"	2 ozs.	.90
MS-737	PRTD-6	60 Tape Resist Circles $\frac{3}{16}$ " D.	2 ozs.	.40
MS-738	PR-L	Liquid Resist—1 oz.	3 ozs.	.50

AMPHENOL PRINTED CIRCUIT CONNECTORS



Molded of Blue dielectric. High impact and tensile strength, low moisture absorption, high dielectric strength and high arc resistance. Width .33" less than .46" high. Ideal for termination of circuitry on printed boards. With standard contact. Av. shpg. wt., 2 ozs.

Stock No.	Amphenol No.	No. of Contacts	Mtg. Ctrs.	1-9	Net Each
CM-22	143-010-01	10	2.41"	1.22	.92
CM-23	143-015-01	15	2.93"	1.67	1.25
CM-24	143-018-01	18	3.40"	1.80	1.35
CM-25	143-022-01	22	4.03"	2.15	1.62

7" TRANSISTOR LOOP ANTENNA



Tapped to match input impedance of transistor circuits. Covers broadcast band with variable such as Laf. MS-261 and Laf. MS-265 oscillator coil. "Q" over 400. Ferrite core 7x $\frac{1}{2}$ ". Shpg. wt., 6 oz. MS-358 1.10



MINIATURE CAPACITORS FOR TRANSISTOR CIRCUITRY

Lafayette-CORNELL-SPRAGUE-BARCO



LAFAYETTE TRANSISTOR ULTRA-MINIATURE ELECTROLYTIC CONDENSERS

Latest subminiature electrolytic capacitors. Hermetically sealed aluminum cases, especially suitable physically and electrically for application in transistor and miniature electronic circuits. Long shelf-life, stable capacity and low leakage current. Super value in ultra-miniature electrolytics.

Stock No.	Description	Dia.	Length	Net
CF-100	2 mfd 6 volt	1/4"	3/24"	.26
CF-101	4 mfd 6 volt	1/4"	3/24"	.26
CF-102	8 mfd 6 volt	1/4"	3/24"	.29
CF-103	10 mfd 6 volt	1/4"	3/24"	.29
CF-104	30 mfd 6 volt	1/4"	3/24"	.29
CF-105	50 mfd 6 volt	3/8"	3/24"	.31
CF-106	100 mfd 6 volt	3/8"	1 1/4"	.39
CF-112	8 mfd 12 volt	3/8"	7/8"	.26
CF-128	1 mfd 15 volt	3/8"	7/8"	.29
CF-120	2 mfd 15 volt	3/8"	7/8"	.29
CF-129	3 mfd 15 volt	3/8"	7/8"	.29
CF-121	6 mfd 15 volt	3/8"	7/8"	.29
CF-122	10 mfd 15 volt	3/8"	7/8"	.29
CF-123	20 mfd 15 volt	3/8"	7/8"	.29
CF-124	30 mfd 15 volt	3/8"	7/8"	.29
CF-125	50 mfd 15 volt	3/8"	1 1/4"	.31
CF-126	100 mfd 15 volt	3/8"	1 1/4"	.45
CF-127	160 mfd 15 volt	3/8"	1 3/8"	.49
CF-140	2 mfd 25 volt	3/8"	7/8"	.29
CF-141	6 mfd 25 volt	3/8"	7/8"	.29
CF-142	10 mfd 25 volt	3/8"	7/8"	.31
CF-143	25 mfd 25 volt	3/8"	7/8"	.31
CF-144	50 mfd 25 volt	3/8"	1 1/4"	.35
CF-145	160 mfd 25 volt	3/8"	1 3/4"	.49

LAFAYETTE SUBMINIATURE SQUARE CERAMIC CAPACITORS



75 VOLT MICROMINIATURE CAPACITORS AS SMALL AS 1/8" SQUARE x 1/16" THICK. A new series of dependable, conservatively rated ceramic capacitors designed for greatest capacitance in the smallest size. Vacuum impregnated phenolic coating. Rated 75V, test volts three times DCWV. Power factor 2.5%. Temperature range -55°C to +85°C. Shpg. wt., 1 oz.

Type	Cap. μ F	Size L x W x Thick.	Net Each	Lots of 10, Each
C-608	.0005	1 1/8" x 1/8" x 1/16"	.15	.13
C-609	.001	1 1/8" x 1/8" x 1/16"	.15	.13
C-610	.002	1 1/8" x 1/8" x 1/16"	.15	.13
C-611	.005	3/4" x 3/4" x 1/16"	.15	.13
C-612	.01	3/4" x 3/4" x 1/16"	.15	.13
C-613	.02	3/4" x 3/4" x 1/16"	.22	.19
C-614	.05	3/4" x 3/4" x 1/16"	.22	.19
C-615	.1	3/4" x 3/4" x 1/16"	.30	.27
C-616	.2	3/4" x 3/4" x 1/16"	.45	.41

LAFAYETTE CERAMIC DISCS

RATED 1000 DCWV



These Lafayette ceramic discs are ideal for bypassing, blocking and coupling applications and as cost saving replacements for paper and mica capacitors. Each disc is checked on the production line for power factor, capacity, leakage resistance and breakdown to assure dependable performance. Available in the following values. Shpg. wt., 2 oz.

μ F	μ F	μ F	μ F	μ F	μ F	μ F
5	22	50	150	330	.001	.0027
6.9	25	56	180	390	.0012	.003
10	27	68	200	470	.0015	.0033
12	30	75	220	500	.0018	.004
15	33	82	250	560	.002	.0047
18	39	100	270	680	.0022	.005
20	47	120	300	750	.0025	.01

Assort any of above for quantity price
C-601 10 for .72, Singly, Ea. .08

HIGH CAPACITY DISCS

C-602 .015 μ F Shpg. wt., 2 oz. 10 for .99
C-603 .02 μ F Shpg. wt., 2 oz. 10 for 1.08
Singly, Ea. .11
Singly, Ea. .12

SPRAGUE TRANSISTOR ULTRA-MINIATURE ELECTROLYTIC CONDENSERS

Reliable, hermetically sealed subminiature electrolytic capacitors. Excellent replacement capacitors for transistorized equipment. Diams. vary from 3/8" to 3/4", lengths from 1/2" to 1 1/2". Shpg. wt., 2 oz.

Stock No.	Type	Cap. μ F WVDC	Net each in Lots of					
			1-9	10-24	25-49	50-99	100 Up	
CG-20	TE1010	5	1	.86	.68	.51	.40	.32
CG-21	TE1051	2	3	.86	.68	.51	.40	.32
CG-22	TE1053	10	3	.86	.68	.51	.40	.32
CG-23	TE1055	25	3	.90	.71	.53	.42	.33
CG-24	TE1057	40	3	.90	.71	.53	.42	.33
CG-25	TE1060	110	3	1.04	.81	.61	.48	.38
CG-26	TE1064	200	3	1.04	.81	.61	.48	.38
CG-27	TE1080	1	6	.86	.68	.51	.40	.32
CG-28	TE1081	2	6	.86	.68	.51	.40	.32
CG-29	TE1082	3	6	.86	.68	.51	.40	.32
CG-30	TE1083	4	6	.86	.68	.51	.40	.32
CG-31	TE1084	5	6	.86	.68	.51	.40	.32
CG-32	TE1086	8	6	.86	.68	.51	.40	.32
CG-33	TE1087	10	6	.86	.68	.51	.40	.32
CG-34	TE1089	15	6	.90	.71	.53	.42	.33
CG-35	TE1091	25	6	.90	.71	.53	.42	.33
CG-36	TE1092	30	6	.90	.71	.53	.42	.33
CG-37	TE1095	40	6	.94	.74	.56	.43	.36
CG-38	TE1100	50	6	.94	.74	.56	.43	.36
CG-39	TE1101	60	6	1.04	.81	.61	.48	.38
CG-40	TE1102	100	6	1.04	.81	.61	.48	.38
CG-41	TE1114	10	10	.90	.71	.53	.42	.33
CG-42	TE1116	15	10	.90	.71	.53	.42	.33
CG-43	TE1118	25	10	.94	.74	.56	.43	.36
CG-44	TE1127	5	12	.86	.68	.51	.40	.32
CG-45	TE1128	10	12	.86	.68	.51	.40	.32
CG-46	TE1152	5	15	.86	.68	.51	.40	.32
CG-47	TE1155	10	15	.90	.71	.53	.42	.33
CG-48	TE1157	20	15	.90	.71	.53	.42	.33
CG-49	TE1158	30	15	.94	.74	.56	.43	.35
CG-50	TE1162	100	15	1.04	.81	.61	.48	.38
CG-51	TE1163	150	15	1.12	.87	.66	.51	.41
CG-52	TE1164	200	15	1.23	.96	.72	.56	.45
CG-53	TE1202	5	25	.90	.71	.53	.42	.33
CG-54	TE1203	6	25	.90	.71	.53	.42	.33
CG-55	TE1204	10	25	.90	.71	.53	.42	.33
CG-56	TE1205	15	25	.94	.74	.56	.43	.35
CG-57	TE1206	20	25	1.04	.81	.61	.48	.38
CG-58	TE1211	100	25	1.14	.89	.67	.52	.42
CG-59	TE1303	5	50	1.00	.78	.59	.46	.37
CG-60	TE1304	10	50	1.01	.80	.60	.47	.37
CG-61	TE1305	20	50	1.04	.81	.61	.48	.38
CG-62	TE1400	1	100	1.01	.80	.60	.47	.37
CG-63	TE1403	4	100	1.01	.80	.60	.47	.37
CG-64	TE1405	6	100	1.01	.80	.60	.47	.37
CG-65	TE1406	8	100	1.01	.80	.60	.47	.37
CG-66	TE1407	10	100	1.01	.80	.60	.47	.37
CG-67	TE1409	20	100	1.07	.84	.63	.49	.39
CG-68	TE1505	6	150	1.07	.84	.63	.49	.39
CG-69	TE1506	8	150	1.07	.84	.63	.49	.39
CG-70	TE1507	10	150	1.08	.85	.63	.49	.40
CG-71	TE1508	12	150	1.10	.86	.65	.51	.41

SPRAGUE MINIATURIZED DISC CERAMICS

Tiny, dependable capacitors designed for transistor portables. Tough moisture-proof coating. Rated 50V DCWV. Shpg. wt., 1 oz.

Stock No.	Type	Cap. μ F	Tol.	Dia.	Net	
CG-13	TG-050	.005	+80%	-20%	3/8"	.26
CG-14	TG-S10	.01	+80%	-30%	3/8"	.38
CG-15	TG-S20	.02	+80%	-20%	1/2"	.38
CG-16	TG-S30	.03	+80%	-20%	1/2"	.38
CG-17	TG-S25	.025	+80%	-20%	1/2"	.38
CG-18	TG-S50	.05	+80%	-20%	1/2"	.41
CG-19	TG-P10	.1	+80%	-20%	3/4"	.53

SPRAGUE "UNIVERSAL" CERAMIC CAPACITORS

Have four leads. The many ratings may be obtained by using certain leads together. Rated 500V DCWV. With instructions. Shpg. wt., 2 oz.

Stock No.	Type	Rating Available	Capacitance Range	Net Ea.
CG-72	UGA-1	12	.0004-.0013	.29
CG-73	UGA-2	15	.0006-.0027	.35
CG-74	UHK-1	7	.001-.004	.29
CG-75	UHK-2	8	.0025-.015	.35

CORNELL-DUBILIER ULTRA-SMALL ALUMINUM-CASES ELECTROLYTICS



Type NLW—Compact hermetically sealed aluminum foil electrolytic capacitors. With welded leads. Shpg. wt., 2 ozs. Diams. vary from 3/8" to 3/4", lengths from 3/4" to 1".

Stock No.	μ F	DCWV	NET EACH IN LOTS OF				
			1-9	10-24	25-49	50-99	100-249
CG-600	5	1	.78	.62	.46	.36	.29
CG-601	2	3	.94	.73	.55	.43	.34
CG-602	10	3	.78	.62	.46	.36	.29
CG-603	25	3	.82	.65	.48	.38	.30
CG-604	40	3	.82	.65	.48	.38	.30
CG-605	50	3	.82	.65	.48	.38	.30
CG-606	110	3	.96	.75	.56	.44	.35
CG-607	200	3	.96	.75	.56	.44	.35
CG-608	1	6	.94	.73	.55	.43	.34
CG-609	2	9	.94	.73	.55	.43	.34
CG-610	3	6	.78	.62	.46	.36	.29
CG-611	4	6	.78	.62	.46	.36	.29
CG-612	5	6	.78	.62	.46	.36	.29
CG-613	8	6	.78	.62	.46	.36	.29
CG-614	10	6	.78	.62	.46	.36	.29
CG-615	15	6	.82	.65	.48	.38	.30
CG-616	20	6	.82	.65	.48	.38	.30
CG-617	25	6	.82	.65	.48	.38	.30
CG-618	30	6	.82	.65	.48	.38	.30
CG-619	40	6	.82	.65	.48	.38	.30
CG-620	50	6	.96	.75	.56	.44	.35
CG-621	60	6	.96	.75	.56	.44	.35
CG-622	100	6	.96	.75	.56	.44	.35
CG-623	10	10	.78	.62	.46	.36	.29
CG-624	15	10	.82	.65	.48	.38	.30
CG-625	25	10	.86	.68	.51	.39	.32
CG-626	50	10	.96	.75	.56	.44	.35
CG-627	100	10	.96	.75	.56	.44	.35
CG-628	5	15	.78	.62	.46	.36	.29
CG-629	10	15	.82	.65	.48	.38	.30
CG-630	20	15	.82	.65	.48	.38	.30
CG-631	30	15	.86	.68	.51	.39	.32
CG-632	5	25	.94	.73	.55	.43	.34
CG-633	6	25	.82	.65	.48	.38	.30
CG-634	10	25	.82	.65	.48	.38	.30
CG-635	15	25	.86	.68	.51	.39	.32
CG-636	20	25	.96	.75	.56	.44	.35
CG-637	5	50	.94	.73	.55	.43	.34
CG-638	10	50	.95	.74	.56	.43	.35
CG-639	20	50	.95	.74	.56	.43	.35

BARCO TRANSISTOR ULTRA-MINIATURE ELECTROLYTIC CONDENSERS



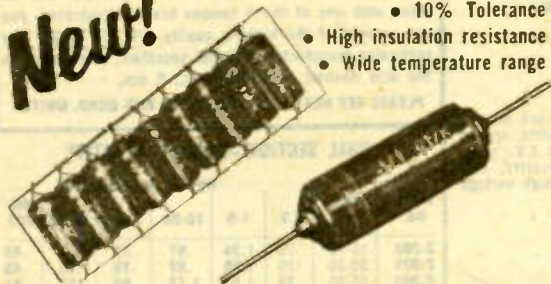
Hermetically sealed aluminum cans. Shpg. wt., 2 oz.

Stock No.	Type	Cap. μ F	VWDC	Dia.	Lth.	Net
CG-125	P6-1	1	6	1/8"	1 1/2"	.50
CG-126	P7-2	2	6	1/8"	1 1/2"	.42
CG-127	P6-25	25	6	3/4"	3/4"	.44
CG-128	P6-80	80	6	3/4"	3/4"	.59
CG-129	P6-160	160	6	3/4"	1 1/2"	.73
CG-130	PT8-2	2	8	1/8"	5/8"	.49
CG-131	P9-20	20	9	1/4"	3/4"	.54
CG-133	PS12-31	3	12	1/4"	3/4"	.41
CG-134	P12-51	5	12	1/4"</		

LAFAYETTE SPECIAL CONDENSER VALUES

LAFAYETTE METAL CASED OIL FILLED TUBULAR CAPACITORS

New!



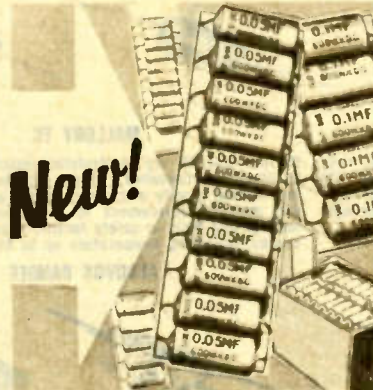
- Exceptional capacitance stability
- 10% Tolerance
- High insulation resistance
- Wide temperature range

These oil-filled and oil impregnated paper capacitors are manufactured to high standards. Feature 10% tolerance. Operate efficiently from -40°C to +100°C. Ruggedly constructed in metal case with plastic insulating outer sleeve to withstand shock, voltage surge, moisture and other adverse operating conditions. Has low dielectric leakage, low power factor and exceptional capacitance stability. Lightweight compact, made to render long servicing life. Ideal for replacement and original applications in radio, TV and other electronic equipment. Outside foil is clearly printed. Doubly tinned copperweld type leads are firmly attached to the case. Conservatively rated at 600 WVDC. Avg. shpg. wt., 5 oz. each.

Type	Cap. Mfd.	Size O x L	NET EACH		
			Single	Lots of 10	Lots of 100
C-800	.001	9/32 x 26/32"	.09	.81	6.00
C-801	.002	9/32 x 26/32"	.09	.81	6.00
C-802	.005	9/32 x 27/32"	.09	.81	6.00
C-803	.01	9/32 x 27/32"	.10	.90	6.50
C-804	.02	10/32 x 27/32"	.11	.99	7.50
C-805	.05	13/32 x 1"	.12	1.08	9.50
C-806	.1	15/32 x 1 1/8"	.14	1.26	11.40

PORCELAIN CASED TUBULAR CAPACITORS

New!



Greatest Condenser Value Ever Offered!

KIT OF 100 600V W V DC		KIT OF 50 600V W V DC	
QTY.	MFD.	QTY.	MFD.
10	.001	5	.001
10	.002	5	.002
10	.003	5	.003
20	.01	10	.01
20	.02	10	.02
20	.05	10	.05
10	.1	5	.1

KIT NO. KI-52	List Value 32.00	KIT NO. KI-51	List Value 16.00
4.95		2.75	
SPECIAL NET		SPECIAL NET	

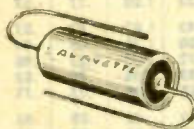
- Tested At 3 Times Working Voltage
- Exceptionally Resistant To High Temperatures and Moisture
- Surpasses Performance of Molded Plastic Tubulars

They're new, they're different, and they're better! Now, at a price far less than that of ordinary plastic molded tubulars, Lafayette brings you, for every day service work, a condenser that was designed for critical industrial applications. The case is of durable gleaming porcelain, a ceramic known for its high degree of imperviousness to moisture and resistance to heat. The capacitor is of finest quality, tested at 3 times the rated voltage with much closer capacity tolerance. The leads are firmly attached and sealed — they won't twist or break off. We've selected the most popular values and put them up in two serviceman designed kits. Each condenser is plainly marked. Each value is mounted on separate handy strips. All are conservatively rated at 600 DC working volts. See chart for contents of each kit.

KI-51. Kit of 50 Shpg. wt., 3/4 lb. Net 2.75
 KI-52. Kit of 100 Shpg. wt., 1 1/2 lbs. Net 4.95

LAFAYETTE MOLDED BY-PASS CONDENSERS

EVERY CONDENSER SOLD ON MONEY BACK GUARANTEE



For general replacement service, extremely durable and very compact. Have high insulation resistance. Molded in extra hard, non-inflammable plastic, resistant to moisture, high temperature and shock. Extra strong copper weld leads eliminate breakage during installation. Temperature range -40° to 90° C. Made by a leading condenser manufacturer. Average shpg. wt., 4 oz. ea.

Stock No.	Mfd.	WVDC	Price Ea.	Price in lots of 10 Ea.	Box of 100
C-500	.001	600	.09	.08	6.00
C-501	.002	600	.09	.08	6.00
C-503	.01	600	.10	.09	6.50
C-508	.03	600	.11	.10	8.50
C-525	.005	1600	.14	.12	10.25
C-526	.008	1600	.14	.12	10.25
C-527	.01	1600	.14	.12	10.25
C-528	.05	1600	.20	.18	15.50

LAFAYETTE TUBULAR ELECTROLYTICS

These new Lafayette electrolytic capacitors are specifically designed for service replacement applications. All are sealed in aluminum cans. All have wax impregnated cardboard outer insulating sleeves, have solid tinned copper wire leads with negative terminal grounded to can. Guaranteed for operation as high as 85°C. **ONE OF THE BEST CONDENSERS ON THE MARKET TODAY. AND AT A CONSIDERABLE SAVING TO YOU!** Avg. shpg. wt., 4 oz. ea.



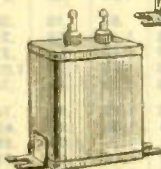
FRESH STOCK MONEY BACK GUARANTEE

Stock No.	Mfd.	W. V.	Net Each	Price in lots of 10 Each
C-128	10	25	.29	.27
C-129	25	25	.31	.28
C-100	20	150	.36	.33
C-101	40	150	.41	.37
C-113	8	450	.40	.36
C-130	20	450	.56	.51
C-131	40	450	.63	.57
Dual Section Tubular Electrolytic				
C-127	20-20	150	.56	.50
C-125	30-30	150	.60	.54
C-126	40-40	150	.62	.57
C-102	50-30	150	.62	.57
C-106	50-50	150	.66	.60

OIL FILLED METALLIZED PAPER CAPACITORS



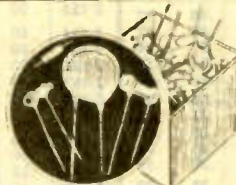
- Price Is Right
- Excellent For Building Your Own Crossover Network
- Self-Healing Type



These oil filled metallized paper capacitors have the advantage that they are self healing. Even many breakdowns are harmless. Capacitance tolerance is ±10% of rated capacity. Dielectric loss less than 10% at 20°C, measured at 1000 cps. Insulation resistance over 500 megohms between terminals. Overall dimension for 4 µf capacitor is 1 1/8 x 3/4 x 1 3/8". Overall dimension for 4 and 8 µf capacitors are 1 3/8 x 3/8 x 2 3/8" and 1 3/8 x 3/8 x 2 3/8" respectively.

Stock No.	Cap. Mfd.	DCWV	Shpg. Wt.	Net Ea.
CF-114	2	150	3 oz.	.59
CF-115	4	150	3 oz.	.79
CF-116	8	150	8 oz.	1.19

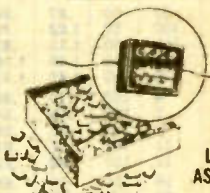
AS LOW AS 79c



25 ASSORTED CERAMICON KIT

Here is a real buy! Assorted tubular and disc ceramicon condensers. All condensers popular sizes, used in TV and FM sets. At Lafayette's low price every service shop should have at least one of these kits. Shpg. wt., 1 lb. KI-13 Complete kit of 25 Net .89
 In lots of 6 Each .79

KIT OF 50



AS LOW AS 99c

KIT OF 50 ASSORTED MICA CONDS.

A kit of the most popular mica capacitors for service-men. Contains 50 popular sizes. A handy assortment for any service shop or experimenter. Shpg. wt., 2 lbs. KI-10 Net 1.19
 In lots of 3 Each .99

DEPEND ON LAFAYETTE FOR EVERYTHING IN RADIO, TV & INDUSTRIAL ELECTRONICS

CORNELL-MALLORY-SPRAGUE-AEROVOX-ELECTROLYTICS

STANDARD BRANDS

Because no one manufacturer offers all sizes, we have made this integrated list more comprehensive than any other electronic distributor. Since your order will be filled with one of the 4 famous brands illustrated, you are assured of the highest quality. We will supply any particular manufacturers brand specified, if available in the size desired. Avg. shpg. wt., 5 ozs.

PLEASE SEE NEXT PAGE FOR TRIPLE AND QUAD. UNITS.

QUAL SECTION—COMMON NEGATIVE

Stock No.	Cap. MFD.	W.V.	NET EACH IN LOTS OF				
			1-9	10-24	25-49	50-99	100-249
Z-200	10-10	25	1.26	.97	.73	.56	.45
Z-201	20-20	25	1.26	.97	.73	.56	.45
Z-202	25-25	25	1.53	1.18	.89	.69	.55
Z-203	10-10	50	1.26	.97	.72	.56	.45
Z-204	8-8	150	1.21	.93	.70	.54	.43
Z-205	8-16	150	1.27	.97	.73	.57	.45
Z-206	16-16	150	1.46	1.12	.84	.65	.52
Z-207	20-10	150	1.34	1.03	.77	.58	.48
Z-208	20-12	150	1.19	.91	.68	.53	.43
Z-209	20-20	150	1.38	1.05	.79	.62	.49
Z-210	30-20	150	1.43	1.10	.82	.64	.51
Z-211	30-30	150	1.47	1.13	.85	.66	.53
Z-212	40-20	150	1.46	1.12	.84	.66	.52
Z-213	40-30	150	1.50	1.15	.87	.67	.54
Z-214	40-40	150	1.53	1.18	.88	.69	.55
Z-215	50-30	150	1.54	1.18	.88	.69	.55
Z-216	50-50	150	1.62	1.24	.93	.73	.58
Z-217	80-30	150	1.70	1.30	.98	.76	.61
Z-218	80-40	150	1.70	1.30	.98	.76	.61
Z-219	80-50	150	1.96	1.51	1.13	.88	.71
Z-220	100-100	150	2.03	1.58	1.19	.92	.74
Z-221	8-8	200	1.21	.93	.70	.54	.43
Z-222	8-16	200	1.19	.91	.68	.53	.43
Z-223	16-16	200	1.39	1.07	.80	.62	.50
Z-224	30-30	200	1.66	1.27	.95	.74	.59
Z-225	8-8	250	1.33	1.01	.76	.59	.47
Z-226	10-10	250	1.62	1.25	.94	.73	.58
Z-227	16-8	250	1.39	1.07	.80	.62	.50
Z-228	16-16	250	1.47	1.13	.85	.66	.53
Z-229	20-20	250	1.55	1.19	.89	.69	.56
Z-230	30-30	250	1.73	1.33	1.00	.77	.62
Z-231	40-10	250	1.85	1.43	1.07	.83	.67
Z-232	75-20	250	2.34	1.80	1.35	1.05	.84
Z-233	80-10	250	2.73	1.72	1.58	1.23	.98
Z-234	10-10	350	2.72	1.33	.98	.78	.62
Z-235	20-20	350	2.07	1.60	1.20	.93	.75
Z-236	8-8	450	1.53	1.18	.88	.69	.55
Z-237	10-10	450	1.86	1.43	1.08	.84	.67
Z-238	15-15	450	2.14	1.65	1.24	.96	.77
Z-239	16-8	450	1.73	1.33	1.00	.78	.62
Z-240	16-16	450	1.90	1.46	1.09	.85	.68
Z-241	20-20	450	2.10	1.61	1.21	.94	.75
Z-242	30-30	450	2.54	1.95	1.46	1.14	.91
Z-243	40-20	450	2.49	1.90	1.42	1.10	.87
Z-244	40-40	450	2.92	2.24	1.68	1.31	1.05
Z-245	50-30	450	2.92	2.24	1.68	1.31	1.05

DUAL UNITS—SEPARATE SECTIONS

Stock No.	Cap. MFD.	W.V.	NET EACH IN LOTS OF				
			1-9	10-24	25-49	50-99	
Z-260	15-15	150	1.79	1.38	1.04	.81	.65
Z-261	20-20	150	1.85	1.43	1.07	.83	.67
Z-262	30-30	150	2.03	1.57	1.18	.91	.73
Z-263	40-20	150	1.83	1.41	1.06	.87	.66
Z-264	40-40	150	2.14	1.65	1.24	.96	.77
Z-265	50-30	150	1.54	1.20	.89	.70	.56
Z-266	50-50	150	2.05	1.58	1.18	.92	.74
Z-267	80-40	150	2.03	1.57	1.18	.91	.73
Z-268	70-70	175	2.85	2.20	1.65	1.28	1.03
Z-269	10-10	250	2.05	1.58	1.18	.92	.74
Z-270	16-8	250	2.05	1.58	1.18	.92	.74
Z-271	16-16	250	1.83	1.41	1.06	.87	.66
Z-272	20-20	250	2.35	1.81	1.36	1.06	.85
Z-273	8-8	350	2.04	1.57	1.18	.92	.73
Z-274	15-15	350	2.40	1.25	1.39	1.08	.86
Z-275	8-8	450	2.19	1.69	1.27	.98	.79
Z-276	15-15	450	2.47	1.90	1.43	1.11	.88
Z-277	16-8	450	2.08	1.60	1.20	.93	.75
Z-278	16-16	450	2.40	1.84	1.38	1.07	.86
Z-279	20-20	450	2.67	2.06	1.54	1.20	.96

CORNELL BLUE BEAVER

Cornell Dubilier types BBR, BR and BBRM are dry electrolytics in compact aluminum cases. Highest quality for T.V. general replacement with extra safety for high surge voltages in power supplies. Very low leakage. Operating temperature up to 85° c.

SPRAGUE "ATOMS"

Sprague types TVA and TV are dry electrolytics in extremely compact metal cases. They are designed to withstand high surge voltages and high ripple currents making them ideal for TV replacements, power supplies, etc. Leakage is very low. Efficient at temperatures up to 85°.

MALLORY TC

Mallory type TC dry electrolytic capacitors are housed in aluminum containers. These compact units are of the highest quality and are ideal for use in T.V., radio and general replacement in electronic circuitry. Low leakage and built in safety factors against high voltage surges. Operating temperature up to 85° c.

AEROVOX OANOE

Aerovox type PRS are dry electrolytic in compact aluminum cases. Dependable replacements for T.V. and all electronic equipment when a quality unit is required. Feature low leakage high voltage surge protection and operating temperature up to 85° c.

SINGLE SECTION

Stock No.	Cap. MFD.	W.V.	NET EACH IN LOTS OF				
			1-9	10-24	25-49	50-99	
Z-60	1000	3	1.32	1.04	.78	.60	.48
Z-61	2000	4	1.35	1.07	.80	.61	.50
Z-62	50	6	.70	.55	.41	.32	.26
Z-63	100	6	.85	.67	.50	.39	.31
Z-64	50	6	1.08	.85	.63	.49	.39
Z-65	500	6	1.23	.97	.73	.56	.45
Z-66	1000	6	1.51	1.18	.89	.69	.55
Z-67	1500	6	1.64	1.30	.98	.76	.61
Z-68	2000	6	1.71	1.44	1.08	.84	.67
Z-69	100	12	.87	.69	.52	.40	.32
Z-70	250	12	1.16	.91	.68	.53	.43
Z-71	500	12	1.34	1.05	.79	.62	.49
Z-72	1000	12	1.78	1.40	1.05	.82	.65
Z-74	100	15	1.88	.69	.52	.40	.32
Z-75	200	15	1.10	.86	.64	.50	.40
Z-76	250	15	1.24	.98	.73	.57	.46
Z-77	500	15	1.39	1.09	.82	.64	.51
Z-78	1000	15	1.81	1.43	1.07	.83	.67
Z-79	2000	25	2.15	1.68	1.26	.98	.78
Z-80	2	25	.67	.52	.39	.31	.25
Z-81	5	25	.71	.55	.42	.32	.26
Z-82	10	25	.72	.56	.42	.33	.26
Z-83	16	25	.68	.52	.38	.28	.23
Z-84	20	25	.73	.57	.43	.33	.27
Z-85	25	25	.74	.58	.44	.34	.27
Z-86	50	25	.79	.62	.47	.36	.29
Z-87	100	25	.97	.76	.57	.44	.36
Z-88	250	25	1.33	1.05	.76	.61	.49
Z-89	500	25	1.81	1.42	1.07	.83	.66
Z-90	1	50	.67	.52	.39	.30	.24
Z-91	2	50	.67	.52	.39	.30	.24
Z-92	5	50	.71	.55	.41	.32	.26
Z-93	10	50	.72	.56	.42	.33	.26
Z-94	20	50	.72	.56	.42	.33	.26
Z-95	25	50	.75	.59	.44	.34	.27
Z-96	50	50	.87	.68	.51	.40	.32
Z-97	100	50	1.02	.79	.59	.46	.37
Z-98	150	50	1.12	.87	.65	.51	.41
Z-99	250	50	1.40	1.10	.82	.64	.51
Z-100	500	50	1.88	1.47	1.11	.86	.69
Z-101	4	150	.73	.56	.42	.33	.26
Z-102	5	150	.69	.54	.40	.31	.25
Z-103	8	150	.75	.59	.44	.34	.28
Z-104	10	150	.77	.61	.45	.35	.28
Z-105	12	150	.80	.62	.46	.36	.29
Z-106	16	150	.83	.65	.49	.38	.30
Z-107	20	150	.85	.67	.50	.39	.31
Z-108	24	150	.89	.69	.52	.40	.32
Z-109	25	150	.90	.70	.53	.41	.33
Z-110	30	150	.93	.73	.55	.43	.34
Z-111	40	150	.98	.77	.58	.45	.36
Z-112	50	150	1.01	.79	.59	.46	.37
Z-113	60	150	1.07	.84	.63	.49	.39
Z-114	80	150	1.17	.91	.68	.53	.43
Z-115	100	150	1.26	.99	.74	.58	.46
Z-116	150	150	1.38	1.08	.81	.63	.50
Z-117	200	150	1.52	1.19	.89	.69	.56
Z-118	300	150	1.89	1.48	1.11	.86	.69

Stock No.	Cap. MFD.	W.V.	NET EACH IN LOTS OF				
			1-9	10-24	25-49	50-99	
Z-119	4	250	.80	.63	.47	.37	.29
Z-120	5	250	.78	.60	.45	.35	.28
Z-121	8	250	.91	.71	.53	.41	.33
Z-122	10	250	.89	.70	.52	.41	.32
Z-123	12	250	.97	.76	.57	.44	.35
Z-124	16	250	1.02	.80	.60	.47	.37
Z-125	20	250	1.09	.85	.64	.49	.40
Z-126	30	250	1.16	.90	.68	.53	.42
Z-127	40	250	1.24	.97	.73	.57	.45
Z-128	50	250	1.36	1.07	.80	.62	.50
Z-129	60	250	1.43	1.12	.84	.65	.52
Z-130	4	350	.82	.64	.48	.38	.30
Z-131	5	350	.80	.63	.47	.37	.29
Z-132	8	350	.93	.73	.55	.43	.34
Z-133	10	350	.99	.78	.58	.45	.36
Z-134	12	350	1.03	.80	.60	.47	.37
Z-135	16	350	1.12	.87	.65	.51	.41
Z-136	20	350	1.15	.90	.67	.52	.42
Z-137	24	350	1.26	.98	.73	.56	.44
Z-138	30	350	1.30	1.02	.77	.60	.48
Z-139	40	350	1.37	1.07	.80	.62	.50
Z-140	50	350	1.48	1.16	.87	.68	.54
Z-141	60	350	1.55	1.21	.91	.71	.57
Z-142	1	450	.86	.67	.51	.39	.31
Z-143	2	450	.87	.68	.51	.40	.32
Z-144	4	450	.91	.71	.53	.41	.33
Z-145	5	450	.89	.70	.52	.41	.32
Z-146	8	450	1.01	.79	.59	.46	.37
Z-147	10	450	1.01	.79	.59	.46	.37
Z-148	12	450	1.09	.85	.64	.50	.40
Z-149	16	450	1.15	.90	.67	.52	.42
Z-150	20	450	1.23	.96	.72	.56	.45
Z-151	30	450	1.36	1.05	.79	.61	.49
Z-152	40	450	1.41	1.10	.83	.64	.51
Z-153	50	450	1.66	1.30	.97		

STANDARD BRAND TUBULARS ELECTROLYTICS-MOLDED TUBULARS

TUBULAR ELECTROLYTICS

continued from facing page

ATTENTION QUANTITY BUYERS

Complete prices for large quantities of triples and quads listed below as follows—Lots of 50 deduct 50/10% from lots of 1 price; Lots of 100 up deduct 60/10% from lots of 1 price.

TRIPLE SECTION

Stock No.	Cap. Mfd.	W.V.	NET EACH IN LOTS OF				
			1-9	10-24	25-49	50-99	100-249
Z-300	20-10-10	150	1.87	1.44	1.08	.84	.67
Z-301	20-20-20	150	1.83	1.41	1.06	.87	.66
Z-302	30-20-10	150	2.19	1.69	1.27	.98	.79
Z-303	30-25-20	150	1.90	1.46	1.09	.85	.68
Z-304	30-30-20	150	1.74	1.44	1.08	.84	.67
Z-305	30-30-30	150	2.01	1.52	1.14	.88	.71
Z-306	40-20-20	150	1.92	1.48	1.10	.86	.69
Z-307	40-30-20	150	1.96	1.51	1.13	.88	.70
Z-308	40-40-20	150	2.00	1.53	1.15	.89	.71
Z-309	40-40-40	150	2.08	1.60	1.20	.93	.75
Z-310	50-30-10	150	1.96	1.51	1.13	.88	.70
Z-311	50-30-20	150	2.07	1.60	1.20	.93	.75
Z-312	80-40-20	150	2.15	1.67	1.25	.97	.78
Z-313	80-50-50	150	2.63	2.02	1.51	1.18	.94
Z-314	20-20-20	150/25	1.78	1.34	1.00	.78	.62
Z-315	30-20-20	150/25	1.83	1.41	1.06	.87	.66
Z-316	30-20-100	150/25	1.95	1.50	1.12	.87	.70
Z-317	30-30-20	150/25	1.86	1.43	1.07	.83	.67
Z-318	30-30-100	150/25	2.36	1.82	1.36	1.06	.85
Z-319	40-20-20	150/25	1.87	1.43	1.08	.84	.67
Z-320	40-30-20	150/25	1.91	1.47	1.10	.85	.68
Z-321	40-40-20	150/25	1.94	1.49	1.12	.87	.69
Z-322	40-40-100	150/25	2.07	1.60	1.20	.93	.75
Z-323	40-40-250	150/10	2.18	1.67	1.26	.98	.78
Z-324	50-30-20	150/25	1.95	1.49	1.12	.87	.70
Z-325	50-30-100	150/25	2.08	1.59	1.20	.93	.74
Z-326	50-30-200	150/10	2.18	1.68	1.26	.98	.78
Z-327	50-30-200	150/25	2.25	1.73	1.30	1.01	.81
Z-328	50-30-250	150/25	2.63	2.02	1.51	1.18	.94
Z-329	50-50-20	150/25	2.02	1.55	1.17	.91	.72
Z-330	80-20-100	150/25	2.13	1.63	1.22	.95	.76
Z-331	80-40-20	150/25	2.08	1.60	1.20	.93	.75
Z-332	20-20-20	250/25	1.94	1.49	1.12	.87	.69
Z-333	40-20-20	250/25	2.12	1.63	1.22	.95	.76
Z-334	40-40-20	250/25	2.30	1.77	1.32	1.03	.82
Z-335	75-40-10	250	2.94	2.26	1.69	1.32	1.05
Z-336	40-30-40	350/250	1502.48	1.91	1.43	1.11	.89
Z-337	12-12-20	150/25	1.74	1.44	1.08	.84	.67
Z-338	16-16-16	450	2.62	2.01	1.51	1.17	.94
Z-339	20-20-20	450/25	2.48	1.90	1.43	1.11	.89
Z-340	30-50-100	450/150/25	2.50	1.92	1.44	1.12	.90
Z-341	30-30-30	450/350/250	2.70	2.08	1.56	1.22	.97
Z-342	40-20-10	450	2.80	2.15	1.62	1.26	1.01

QUADRUPLE UNITS

Stock No.	Cap MFD.	W.F.	NET EACH IN LOTS OF				
			1-9	10-24	25-49	50-99	100-249
Z-400	30-30-20-20	150/25	2.38	1.83	1.37	1.07	.85
Z-401	40-20-20-20	150/25	2.48	1.91	1.43	1.11	.90
Z-402	50-30-20-20	150/25	2.60	2.00	1.50	1.17	.93
Z-403	40-40-30-20	150/25	2.48	1.91	1.43	1.11	.90
Z-404	50-50-50-20	150/25	2.60	2.00	1.50	1.17	.93
Z-405	20-20-20-20	450/25	3.02	2.32	1.74	1.35	1.08

HIGH VOLTAGE MOLDED TUBULAR CAPACITORS

Stock No.	Cap Mid	NET EACH IN LOTS OF				
		1-9	10-24	25-49	50-99	100-249
Z-675	.0005	1.67	1.31	.98	.77	.61
Z-676	.001	1.67	1.31	.98	.77	.61
Z-677	.005	1.67	1.31	.98	.77	.61
Z-678	.0005	1.86	1.46	1.09	.85	.68
Z-679	.00025	2.11	1.65	1.24	.96	.77

STANDARD BRAND MOLDED TUBULAR CAPACITORS



STANDARD BRANDS
Because no one manufacturer offers all sizes, we have made this integrated list more comprehensive than any other electronic distributor. Since your order will be

filled with one of the 4 famous brands illustrated, you are assured of the highest quality. We will supply any particular manufacturer's brand specified, if available in the size desired. Avg. shpg. wt., 5 ozs.

200 VOLTS DC WORKING

Stock No.	Cap. Mfd.	NET EACH IN LOTS OF				
		1-9	10-24	25-49	50-99	100-249
Z-500	.02	.22	.168	.126	.098	.078
Z-501	.047	.24	.185	.139	.108	.086
Z-502	.05	.24	.185	.139	.108	.086
Z-503	.1	.30	.227	.170	.132	.106
Z-504	.15	.38	.291	.219	.170	.136
Z-505	.22	.43	.325	.244	.189	.152
Z-506	.25	.43	.325	.244	.189	.152
Z-507	.33	.55	.420	.316	.245	.196
Z-508	.47	.65	.50	.374	.291	.233
Z-509	.5	.65	.50	.374	.291	.233
Z-510	1.0	1.13	.871	.653	.508	.406

600 VOLTS DC WORKING

Stock No.	Cap. Mfd.	NET EACH IN LOTS OF				
		1-9	10-24	25-49	50-99	100-249
Z-550	.0001	.22	.165	.124	.096	.077
Z-551	.00025	.22	.165	.124	.096	.077
Z-552	.0004	.22	.165	.124	.096	.077
Z-553	.0005	.22	.165	.124	.096	.077
Z-554	.001	.24	.187	.140	.109	.087
Z-555	.0015	.24	.187	.140	.109	.087
Z-556	.002	.24	.187	.140	.109	.087
Z-557	.0022	.24	.187	.140	.109	.087
Z-558	.003	.24	.187	.140	.109	.087
Z-559	.0033	.24	.187	.140	.109	.087
Z-560	.004	.24	.187	.140	.109	.087
Z-561	.0047	.25	.189	.141	.110	.088
Z-562	.005	.25	.189	.141	.110	.088
Z-563	.006	.25	.189	.141	.110	.088
Z-564	.0068	.25	.189	.141	.110	.088
Z-565	.007	.25	.189	.141	.110	.088
Z-566	.0075	.25	.189	.141	.110	.088
Z-567	.01	.25	.189	.141	.110	.088
Z-568	.015	.25	.192	.144	.112	.089
Z-569	.02	.27	.206	.155	.120	.096
Z-570	.022	.27	.206	.155	.120	.096
Z-571	.025	.27	.206	.155	.120	.096
Z-572	.03	.30	.228	.171	.133	.106
Z-573	.033	.30	.228	.171	.133	.106
Z-574	.04	.30	.228	.171	.133	.106
Z-575	.047	.35	.263	.197	.154	.123
Z-576	.05	.35	.263	.197	.154	.123
Z-577	.06	.35	.263	.197	.154	.123
Z-578	.068	.38	.292	.219	.170	.136
Z-579	.075	.40	.312	.239	.190	.156
Z-580	.1	.49	.376	.282	.219	.176
Z-581	.15	.61	.468	.351	.273	.218
Z-582	.2	.72	.548	.411	.319	.255
Z-583	.22	.72	.548	.411	.319	.255
Z-584	.25	.72	.548	.411	.319	.255
Z-585	.47	1.20	.922	.692	.538	.430
Z-586	.5	1.20	.922	.692	.538	.430
Z-587	1.0	1.32	1.03	.772	.60	.520

1000 VOLTS DC WORKING

Stock No.	Cap. Mfd.	NET EACH IN LOTS OF				
		1-9	10-24	25-49	50-99	100-249
Z-600	.02	.22	.165	.124	.096	.077
Z-601	.001	.22	.165	.124	.096	.077
Z-602	.0015	.22	.165	.124	.096	.077
Z-603	.002	.22	.167	.126	.098	.078
Z-604	.0022	.22	.169	.127	.099	.079
Z-605	.003	.23	.172	.129	.101	.080
Z-606	.0033	.23	.172	.129	.101	.080
Z-607	.004	.23	.174	.131	.102	.081
Z-608	.0047	.23	.174	.131	.102	.081
Z-609	.005	.23	.176	.132	.103	.083
Z-610	.006	.24	.192	.144	.112	.089
Z-611	.0068	.24	.192	.144	.112	.089
Z-612	.0075	.24	.192	.144	.112	.089
Z-613	.01	.25	.200	.150	.117	.093
Z-614	.015	.28	.216	.162	.126	.101
Z-615	.02	.28	.216	.162	.126	.101
Z-616	.022	.29	.230	.172	.134	.107
Z-617	.025	.29	.230	.172	.134	.107
Z-618	.03	.32	.248	.186	.145	.116
Z-619	.033	.32	.248	.186	.145	.116
Z-620	.035	.33	.261	.196	.152	.122
Z-621	.04	.36	.278	.21	.163	.131
Z-622	.047	.37	.292	.219	.170	.136
Z-623	.05	.38	.297	.223	.173	.139
Z-624	.06	.40	.317	.243	.193	.159
Z-625	.068	.42	.33	.248	.193	.154
Z-626	.1	.58	.45	.338	.263	.210

1600 VOLTS DC WORKING

Stock No.	Cap. Mfd.	NET EACH IN LOTS OF				
		1-9	10-24	25-49	50-99	100-249
Z-640	.0005	.42	.249	.187	.145	.116
Z-641	.001	.24	.178	.133	.104	.083
Z-642	.0015	.24	.181	.136	.106	.084
Z-643	.002	.24	.184	.138	.108	.086

TWIST PRONG CAPACITORS

CORNELL DUBILIER

TYPES

UP-UPT-UPE



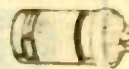
AEROVOX TYPE

AHF



SPRAGUE TYPE

TVL



MALLORY TYPES

FP-WP



CAPACITORS SIZE CHART

Average Shpg. wt., 8 oz.

Code	Dia.	X H	Code	Dia.	X H	Code	Dia.	X H
A	3/4"	x2"	G	1"	x3 3/8"	M	1 3/8"	x3 1/2"
B	3/4"	x2 1/2"	H	1"	x4"	N	1 3/8"	x3 3/8"
C	1"	x2"	I	1"	x4 1/2"	P	1 3/8"	x4"
D	1"	x2 1/2"	J	1 3/8"	x2"	Q	1 3/8"	x4 1/8"
E	1"	x3"	K	1 3/8"	x2 1/2"	R	1 3/8"	x5"
F	1"	x3 1/2"	L	1 3/8"	x3"			

Because no one manufacturer makes all sizes, we have made this integrated list, that is much more comprehensive than other electronic jobbers. Orders will be filled with one of the 4 famous brands listed above. Types with * are for high surge sellinium circuits. Average shpg. wt., 8 oz.

ATTENTION INDUSTRIALS QUANTITY PRICES

Discounts up to 60/10% from the price on this page are available on quantities up to 250. Write or phone for quotations on your requirements.

SINGLE SECTION					SINGLE SECTION					SINGLE SECTION					SINGLE SECTION										
Stock No.	Mfd.	DCWV	Size	Net	Stock No.	Mfd.	DCWV	Size	Net	Stock No.	Mfd.	DCWV	Size	Net	Stock No.	Mfd.	DCWV	Size	Net	Stock No.	Mfd.	DCWV	Size	Net	
Z-802	2000	6	J	2.21	Z-820	50	150	C	1.12	Z-836*	150	250	K	2.16	Z-851	20	450	C	1.23	Z-870	20	450	D	1.35	
Z-785	225	15	A	.99	Z-821*	80	150	C	1.32	Z-837*	200	250	L	1.68	Z-852	30	450	D	1.35	Z-871	30	450	D	1.49	
Z-804	1000	15	D	1.60	Z-822*	100	150	D	1.38	Z-838*	80	300	E	1.68	Z-853	40	450	E	1.65	Z-872	40	450	E	1.65	
Z-805	2000	15	K	2.45	Z-823	120	150	J	1.54	Z-839	100	300	L	1.91	Z-854	50	450	G	1.49	Z-873	50	450	G	1.65	
Z-806	3000	15	L	3.09	Z-787*	120	150	D	1.43	Z-792	100	300	G	1.91	Z-855	60	450	K	1.97	Z-874	60	450	K	1.97	
Z-786	4000	15	M	3.74	Z-824	140	150	E	1.37	Z-793	125	300	M	2.12	Z-856	80	450	L	2.24	Z-875	80	450	L	2.49	
Z-807	40	25	A	.89	Z-788	150	150	E	1.33	Z-841*	150	300	L	2.36	Z-857	100	450	L	2.49	Z-876	100	450	L	2.87	
Z-809	500	25	C	1.48	Z-825*	150	150	E	1.57	Z-794	250	300	P	2.94	Z-858	125	450	J	2.87	Z-796	40	475	Q	1.79	
Z-810	1000	25	J	2.20	Z-826*	200	150	K	1.76	Z-842	30	350	C	1.22	Z-859	40	500	C	1.32	Z-797	10	500	C	1.32	
Z-812	4	50	A	.62	Z-789*	200	150	G	1.82	Z-843	40	350	D	1.31	Z-860	20	500	D	1.32	Z-850	10	500	C	1.32	
Z-813	100	50	A	.98	Z-827*	300	150	L	1.29	Z-844	50	350	E	1.40	Z-861*	30	500	E	1.67	Z-851	20	500	E	1.67	
Z-814	150	50	C	1.17	Z-790*	120	200	J	1.83	Z-845	60	350	E	1.48	Z-862	40	500	G	1.69	Z-852	30	500	G	1.69	
Z-814	500	50	J	1.60	Z-791	160	200	L	1.87	Z-846*	80	350	K	2.05	Z-863	80	500	N	2.67	Z-853	40	500	N	2.67	
Z-815	1000	50	N	2.53	Z-829	20	250	A	.96	Z-847*	125	350	L	2.05	Z-864	80	500	N	2.67	Z-854	90	500	N	2.83	
Z-816	1500	50	Q	3.18	Z-831*	40	250	C	1.34	Z-795*	150	350	N	2.10	Z-865	90	500	N	2.83						
Z-818	30	150	A	.93	Z-835*	100	250	E	1.67	Z-849	10	450	C	1.27											

DUAL SECTION					DUAL SECTION					DUAL SECTION					DUAL SECTION									
Stock No.	Cap. Mfd.	DCWV	Size	Net Each	Stock No.	Cap. Mfd.	DCWV	Size	Net Each	Stock No.	Cap. Mfd.	DCWV	Size	Net Each	Stock No.	Cap. Mfd.	DCWV	Size	Net Each	Stock No.	Cap. Mfd.	DCWV	Size	Net Each
Z-880	100-150	250-50	L	2.11	Z-899	80-80	400	Q	3.19	Z-916*	80-40	150	D	1.62	Z-955	40-20	450	K	2.14	Z-984	40-20	450	L	2.40
Z-923	20-20	250	C	1.32	Z-942	120-40	400	Q	3.19	Z-872	80-50	150	D	1.48	Z-956	40-40	450	L	2.81	Z-985	40-40	450	L	2.81
Z-924*	40-40	250	E	1.71	Z-977	10-20	450-25	C	1.24	Z-873*	80-80	150	J	1.96	Z-958*	50-50	450	L	2.40	Z-986	40-40	450	L	2.40
Z-881*	200-200	250	Q	3.66	Z-978	40-100	450-50	F	1.76	Z-918*	125-100	150	K	2.04	Z-984	60-20	450	L	2.39	Z-987	60-20	450	L	2.39
Z-884	150-100	300-150	N	2.68	Z-900	250-1000	10-6	J	2.01	Z-874	150-80	150	K	2.02	Z-959	60-40	450	N	2.83	Z-988	60-40	450	N	2.83
Z-885	40-30	300	E	1.60	Z-901	1000-1000	15	G	2.36	Z-920	200-5	150	L	2.04	Z-960	60-40	450	N	2.83	Z-989	60-40	450	N	2.83
Z-930	80-80	300	L	2.46	Z-866	1000-1000	15	K	2.61	Z-922*	200-200	150	L	2.69	Z-961	80-10	450	L	2.53	Z-990	80-10	450	L	2.53
Z-931	120-20	300	L	2.32	Z-867	500-1000	20	C	1.71	Z-876	60-60	200	E	1.60	Z-962	80-20	450	N	2.68	Z-991	80-20	450	N	2.68
Z-933	15-15	350	C	1.35	Z-903	50-50	50	C	1.24	Z-877	60-60	200	J	1.82	Z-963	80-30	450	N	2.81	Z-992	80-30	450	N	2.81
Z-936	30-30	350	E	1.63	Z-904	100-100	50	C	1.36	Z-878*	100-100	200	L	2.34	Z-964	80-40	450	N	2.82	Z-993	80-40	450	N	2.82
Z-887	50-30	350	K	2.04	Z-906*	20-20	150	C	1.39	Z-879*	200-5	200	K	2.37	Z-985	100-40	450	Q	3.18	Z-994	100-40	450	Q	3.18
Z-888	60-30	350	L	2.15	Z-907	30-20	150	C	1.59	Z-980	80-100	450-50	N	2.55	Z-986	20-100	475-400	Q	2.83	Z-995	20-100	475-400	Q	2.83
Z-889	80-20	350	K	2.22	Z-908	30-30	150	C	1.22	Z-981	30-200	450-150	L	2.33	Z-967	15-15	475	D	1.57	Z-996	15-15	475	D	1.57
Z-891	80-40	350	L	2.39	Z-909	40-20	150	C	1.28	Z-984	20-50	450-250	E	1.64	Z-968	30-10	475	J	1.95	Z-997	30-10	475	J	1.95
Z-937	80-80	350	N	2.74	Z-910	40-30	150	C	1.29	Z-947	40-10	450-350	J	1.94	Z-975	80-50	500	Q	3.34	Z-998	80-50	500	Q	3.34
Z-892	90-40	350	L	2.47	Z-911*	40-40	150	C	1.50	Z-948	10-10	450	C	1.23	Z-977	10-10	500	D	1.72	Z-999	10-10	500	D	1.72
Z-893	100-60	350	K	2.74	Z-912	50-30	150	C	1.37	Z-948	10-10	450	C	1.36	Z-988	20-20	500	K	2.07	Z-1000	20-20	500	K	2.07
Z-894	100-100	350	Q	3.10	Z-913*	50-50	150	C	1.57	Z-951	20-10	450	D	1.50	Z-989	30-10	500	K	2.07	Z-1001	30-10	500	K	2.07
Z-895	160-10	350	N	2.81	Z-914*	60-60	150	D	1.63	Z-952	20-20	450	E	1.64	Z-990	30-30	500	L	2.28	Z-1002	30-30	500	L	2.28
Z-896	100-30	400-50	L	2.53	Z-871	70-30	150	D	1.40	Z-953	30-10	450	E	1.64	Z-991	40-40	500	N	2.79	Z-1003	40-40	500	N	2.79
Z-897	80-80	400-200	M	2.62	Z-915	75-75	150	E	1.15	Z-954	30-30	450	K	2.14	Z-992	60-40	500	N	3.13	Z-1004	60-40	500	N	3.13

TRIPLE SECTION					TRIPLE SECTION					TRIPLE SECTION					TRIPLE SECTION									
Stock No.	Cap. Mfd.	DCWV	Size	Net	Stock No.	Cap. Mfd.	DCWV	Size	Net	Stock No.	Cap. Mfd.	DCWV	Size	Net	Stock No.	Cap. Mfd.	DCWV	Size	Net	Stock No.	Cap. Mfd.	DCWV	Size	Net
Z-1000	20-20-20	25	C	1.31	Z-1140	140-10-200	300-300-150	Q	3.13	Z-1081	20-10-50	450-450-50	E	1.71	Z-1170	20-10-50	450-450-50	E	1.71	Z-1250	20-10-50	450-450-50	E	1.71
Z-1001	40-40-40	25	C	1.37	Z-1142	80-40-40	300	L	2.60	Z-1173	30-10-150	450-450-50	K	2.21	Z-1251	30-10-150	450-450-50	K	2.21	Z-1252	30-10-150	450-450-50	K	2.21
Z-1003	15-15-1200	150-150-2	C	1.86	Z-1143	20-50-100	350-100-75	E	1.70	Z-1174	35-25-100	450-450-50	L	2.55	Z-1253	35-25-100	450-450-50	L	2.55	Z-1254	35-25-100	450-450-50	L	2.55
Z-1004*	80-30-300	150-150-10	J	2.14	Z-1145	60-200-30	350-150-150	N	2.69	Z-1083	40-40-100	450-450-50	N	2.69	Z-1255	40-40-100	450-450-50	N	2.69	Z-1256	40-40-100	450-450-50	N	2.69
Z-994*	80-60-250	150-150-10	K	2.21	Z-1146	125-5-100	350-200-75	N	2.85	Z-1084	60-40-75	450-450-50	N	2.90	Z-1257	60-40-75	450-450-50	N	2.90	Z-1258	6			

QUADRUPLE SECTION TWIST PRONG

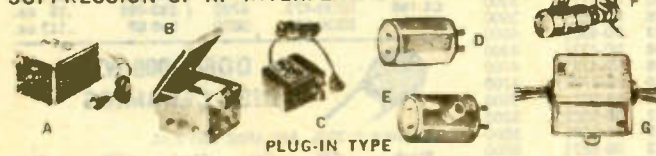
QUADRUPLE SECTIONS

QUADRUPLE SECTIONS

QUADRUPLE SECTIONS

Stock No.	Cap. Mfd.	OCWV	Size	Net Each	Stock No.	Cap. Mfd.	OCWV	Size	Net Each	Stock No.	Cap. Mfd.	OCWV	Size	Net Each
Z-1201*	20-20-160-40	150-150-25-25	J	2.11	Z-1331	60-30-30-150	350-350-350-50	L	2.85	Z-1383	40-20-10-100	450-450-450-50	N	2.69
Z-1292	50-40-160-40	150-150-25-25	J	2.08	Z-1332	70-40-10-50	350-350-350-50	L	2.72	Z-1258	40-40-10-25	450-450-450-50	N	2.85
Z-1293	40-40-20-200	150-150-150-10	J	2.02	Z-1333	100-10-10-20	350-350-350-50	L	2.69	Z-1384	40-40-10-50	450-450-450-50	N	2.88
Z-1204	60-40-20-200	150-150-150-10	J	2.07	Z-1334	100-20-10-20	350-350-350-50	M	2.82	Z-1260	40-40-10-100	450-450-450-100	N	3.04
Z-1205	30-30-30-40	150-150-150-25	J	2.90	Z-1337	30-20-5-100	350-350-350-200	L	2.51	Z-1385	60-10-10-20	450-450-450-150	L	2.72
Z-1294	40-40-20-20	150-150-150-25	J	2.28	Z-1339	40-40-20-40	350	N	3.02	Z-1386	40-20-10-100	450-450-450-250	Q	3.11
Z-1206	40-40-30-20	150-150-150-25	J	1.96	Z-1340	80-60-40-20	350	P	3.37	Z-1264	5-5-5-5	450	J	1.88
Z-1295	40-40-40-20	150-150-150-25	J	1.96	Z-1346	100-10-30-20	400-400-50-50	N	2.97	Z-1265	10-10-10-10	450	J	2.12
Z-1207	50-20-20-200	150-150-150-25	J	2.07	Z-1348	100-10-20-20	400-400-350-50	J	3.10	Z-1266	20-10-10-10	450	K	2.28
Z-1297	50-30-30-100	150-150-150-25	J	2.03	Z-1356	80-40-10-20	400-400-400-25	N	3.13	Z-1267	20-20-20-20	450	L	2.68
Z-1208	50-50-50-20	150-150-150-25	J	2.06	Z-1357	80-40-10-100	400-400-400-200	Q	3.53	Z-1268	30-15-15-15	450	L	2.61
Z-1210	80-40-40-20	150-150-150-25	J	2.11	Z-1358	80-40-30-40	400-400-400-25	Q	3.41	Z-1269	30-30-20-20	450	N	2.95
Z-1298	80-40-40-40	150-150-150-25	J	2.11	Z-1360	80-40-30-4	400-400-400-350	P	3.41	Z-1272	35-35-10-5	450	N	2.76
Z-1211	80-40-40-100	150-150-150-25	K	2.20	Z-1361	50-40-30-20	400	Q	3.26	Z-1388	40-10-10-10	450	L	2.55
Z-1300	200-200-100-10	150-150-150-75	L	2.57	Z-1364	20-80-20-50	450-200-200-50	L	2.37	Z-1273	40-20-10-10	450	L	2.68
Z-1301	40-40-40-30	150	K	3.18	Z-1236	25-100-10-60	450-300-300-50	L	2.78	Z-1389	40-35-10-10	450	L	2.85
Z-1216	100-40-10-100	250-250-250-50	Q	2.60	Z-1237	40-40-40-20	450-300-300-150	L	2.75	Z-1390	40-40-4-4	450	N	2.79
Z-1303	10-20-140-30	300-150-150-150	J	2.87	Z-1240	10-60-40-25	450-350-350-25	N	2.68	Z-1274	40-40-20-20	450	Q	3.22
Z-1309	100-10-200-30	300-300-150-150	R	3.21	Z-1368	80-10-40-30	450-400-300-300	Q	3.29	Z-1391	40-40-30-30	450	Q	2.68
Z-1220	200-20-100-20	300-250-50-25	R	3.31	Z-1242	20-15-20-20	450-450-25-25	J	2.15	Z-1392	40-40-40-40	450	R	2.77
Z-1310	150-20-10-250	300-300-250-50	Q	3.21	Z-1370	20-20-20-20	450-450-25-25	J	2.18	Z-1393	60-20-20-20	450	Q	3.22
Z-1311	40-20-20-25	300-300-300-25	J	2.18	Z-1243	40-40-125-125	450-450-150-25	P	3.19	Z-1395	80-10-10-10	450	N	3.19
Z-1312	60-40-20-50	300-300-300-25	L	2.53	Z-1244	10-10-60-100	450-450-200-50	L	2.28	Z-1396	40-40-50-80	475-250-150-50	N	2.71
Z-1313	120-40-40-10	300-300-300-250	Q	3.10	Z-1373	40-40-100-60	450-450-200-200	Q	3.32	Z-1275	20-40-100-80	475-300-50-25	L	2.44
Z-1314	40-20-10-10	300	J	2.15	Z-1246	40-40-30-30	450-450-350-350	Q	3.21	Z-1397	20-80-10-10	475-300-300-300	M	2.72
Z-1315	40-40-20-10	300	K	2.38	Z-1374	10-10-10-20	450-450-450-25	J	2.03	Z-1398	10-100-10-100	475-300-300-25	M	2.68
Z-1321*	160-60-10-4	350-300-300-300	Q	3.56	Z-1375	20-20-20-20	450-450-450-25	K	2.42	Z-1400	10-40-80-100	475-350-300-100	Q	2.94
Z-1322	60-4-100-40	350-350-25-25	K	2.33	Z-1378	40-20-20-20	450-450-450-25	L	2.69	Z-1277	10-60-30-125	475-450-400-50	Q	3.10
Z-1323	60-100-60-40	350-350-200-75	Q	3.32	Z-1252	40-20-20-40	450-450-450-25	L	2.71	Z-1278	10-50-30-30	475-450-450-25	N	2.94
Z-1324	60-40-60-20	350-350-200-150	M	2.72	Z-1253	40-30-10-20	450-450-450-25	L	2.69	Z-1279	15-15-80-40	475-475-300-50	L	2.82
Z-1325	60-40-60-20	350-350-250-150	N	2.82	Z-1254	40-40-20-20	450-450-450-25	M	2.84	Z-1281	20-20-10-10	475-475-475-300	K	2.46
Z-1225	20-10-5-20	350-350-350-25	J	1.96	Z-1379	40-40-20-20	450-450-450-25	N	2.96	Z-1284	20-20-10-10	475	K	2.53
Z-1226	40-40-20-20	350-350-350-25	L	2.52	Z-1255	80-40-40-40	450-450-450-25	N	3.22	Z-1285	20-20-20-20	475	L	2.85
Z-1328	40-40-30-10	350-350-350-25	L	2.59	Z-1382	80-40-40-40	450-450-450-25	P	3.75	Z-1287	40-20-10-10	475	L	2.85
Z-1329	40-40-40-40	350-350-350-25	L	2.69	Z-1256	20-20-20-100	450-450-450-50	L	2.54	Z-1410	30-10-150-30	500-450-50-50	L	2.52
Z-1330	90-30-5-100	350-350-350-75	N	2.88	Z-1257	30-30-15-30	450-450-450-50	L	2.65	Z-1411	10-10-4-20	500-300-300-25	J	1.91
										Z-1417	40-40-8-8	500	N	3.33

CORNELL-DUBILIER "QUIETONE" FILTERS FOR SUPPRESSION OF RF INTERFERENCE



Type IF-18. Fig. A. An efficient all-wave capacitive-inductive type filter for use with all types of electrical appliances causing severe interference. Equipped with frame connection for reduction of radiation. Rating: 110V AC-DC, 5 amps. In bakelite case with cord and plug. Shpg. wt., 5 lbs.

Type IF-19. Fig. C. Capacitive-inductive type filter for all types of home appliances with severe interference. Frame connection provided for grounding. Rated 110V AC-DC, 5 amps in bakelite case with cord and plugs. Shpg. wt., 2 lbs.

Type IF-4. Fig. D. For use with small radio receivers for low or moderate intensity interference. Rated at 110V AC-DC, 5 amps. Connects to power line between radio plug and outlet. Shpg. wt., 8 oz.

Type IF-6. Fig. E. Plug-in type filter for interference conditions of moderately low intensity. Installed between power line and set or appliance. Has short lead to connect binding post and frame to reduce radiation. Rated 110V AC-DC, 5 amps. Shpg. wt., 8 oz.

Type IF-7A. Fig. B. Capacitive-inductive filter for severe interference from industrial and heavy duty electrical equipment. For single phase 110-220V AC-DC, 5 amps. Shpg. wt., 10 lbs.

Type IF-24. Fig. F. FLUORESCENT NOISE FILTER. Dual capacitive type filter for eliminating fluorescent noise. Easily mounted and connected by means of flexible leads. For 115V AC-DC. Shpg. wt., 8 oz.

Type IF-54. Fig. G. Capacitive-inductive filter for general purpose use in circuits up to 2 amperes current. Rated 110-220V AC-DC. Shpg. wt., 8 oz.

CG-640 Net 5.41
CG-641 Net 4.53
CG-642 Net .73
CG-643 Net 1.15
CG-644 Net 8.08
CG-645 Net .73
CG-646 Net 1.47

WIRED-IN TYPE

PLUG-IN TYPE

C.D. ETWJ AC MOTOR STARTING CAPACITORS.

Avg. shpg. wt., 10 oz. In tubular molded bakelite case for 110V ac. 50-60 cps. Size (Dia. x L"): A-1 1/4" x 2 1/2"; B-1 1/2" x 3 1/2"; C-1 1/2" x 3 1/2"; D-1 1/2" x 4 1/2".

Stock No.	Mfg. No.	Mfd.	Size	Net	Stock No.	Mfg. No.	Mfd.	Size	Net
CG-647	ETWJ-5010	47-58	A	1.23	CG-657	ETWJ-22510	216-240	C	2.33
CG-648	ETWJ-6510	59-71	A	1.26	CG-658	ETWJ-25510	243-270	C	2.76
CG-649	ETWJ-7810	72-88	A	1.35	CG-659	ETWJ-28510	270-324	C	2.79
CG-650	ETWJ-9510	88-106	A	1.53	CG-660	ETWJ-34010	324-360	C	3.17
CG-651	ETWJ-11010	107-129	A	1.68	CG-661	ETWJ-38010	340-408	C	3.26
CG-652	ETWJ-13010	124-138	A	1.73	CG-662	ETWJ-40010	378-420	C	3.53
CG-653	ETWJ-14510	130-156	A	1.73	CG-663	ETWJ-44010	400-480	C	3.56
CG-654	ETWJ-15510	145-162	A	1.88	CG-664	ETWJ-50010	460-540	D	4.09
CG-655	ETWJ-17010	158-191	B	1.91	CG-665	ETWJ-57510	540-600	D	4.53
CG-656	ETWJ-21010	189-227	B	2.29	CG-666	ETWJ-65010	590-700	D	4.88

CORNELL-DUBILIER TYPE BC PRINTED CIRCUIT TUBULARS

Parallel lead wires permit these phenolic-cased paper tubular capacitors to be plugged directly into printed circuits and sold soldered. Avg. shpg. wt., 4 oz. + S—Size: A-3/8" x 1, B-3/8" x 1 1/4", C-3/8" x 1 1/4", E-1/2" x 1 1/4", F-1/2" x 1 1/2", G-3/8" x 1 1/2", H-7/8" x 2 1/2".

Stock No.	BC Type	Mfd.	S+	NET EACH		Stock No.	BC Type	Mfd.	S+	NET EACH	
				10-25	24 49					10-25	24 49
CG-667	2P68J	.068	A	28	22	CG-680	601J	.001	A	28	22
CG-668	2S1J	.01	A	28	22	CG-681	6015J	.0015	A	28	22
CG-669	2S15J	.015	B	28	22	CG-682	6022J	.0022	A	28	22
CG-670	2S22J	.022	B	28	23	CG-683	6033J	.0033	A	29	23
CG-671	2S33J	.033	C	29	23	CG-684	6047J	.0047	A	29	23
CG-672	2S47J	.047	E	30	24	CG-685	6068J	.0068	A	29	23
CG-673	2S68J	.068	E	31	25	CG-686	651J	.01	B	30	24
CG-674	2P1J	.1	F	33	26	CG-687	6515J	.015	C	30	24
CG-675	2P15J	.15	F	36	29	CG-688	6S22J	.022	C	32	26
CG-676	2P22J	.22	G	40	32	CG-689	6S33J	.033	E	35	27
CG-677	2P33J	.33	G	47	37	CG-690	6S47J	.047	F	36	28
CG-678	2P47J	.47	H	55	43	CG-691	6S68J	.068	G	40	31
CG-679	2P68J	.68	H	68	53	CG-692	6P1J	.1	G	46	36
						CG-693	6P15J	.15	H	55	43
						CG-694	6P22J	.22	H	65	51
						CG-695	6P33J	.33	H	83	65
						CG-696	4P47J*	.47	H	66	52

SPRAGUE TYPE EP-ESTAR MIDGET TUBULARS

100 VOLTS DC WORKING					400 VOLTS DC WORKING					600 VOLTS DC WORKING				
No.	Type	Mfd.	Size	Ea.	No.	Type	Mfd.	Size	Ea.	No.	Type	Mfd.	Size	Ea.
Z700	1EP-P25	.25	1 1/2" x 1 1/8"	.41	Z711	4EP-D10	.001	1/4" x 1/8"	.21	Z723	6EP-D10	.001	1/4" x 1/8"	.21
Z701	1EP-P50	.5	3/8" x 1 1/8"	.47	Z712	4EP-D30	.003	1/4" x 1/8"	.21	Z724	6EP-D20	.002	1/4" x 1/8"	.21
					Z713	4EP-D40	.004	1/4" x 1/8"	.21	Z725	6EP-D30	.003	3/8" x 1/8"	.21
					Z714	4EP-D50	.005	1/4" x 1/8"	.21	Z726	6EP-D40	.004	3/8" x 1/8"	.21
					Z715	4EP-D60	.006	1/4" x 1/8"	.21	Z727	6EP-D50	.006	3/8" x 1/8"	.24
					Z716	4EP-S10	.01	3/8" x 1/8"	.24	Z728	6EP-D60	.008	3/8" x 1/8"	.24
					Z717	4EP-S20	.02	3/8" x 1/8"	.26	Z729	6EP-D80	.01	3/8" x 1/8"	.26
					Z718	4EP-S								

CENTRALAB CERAMIC CAPACITORS

CRL ID 500 WVDC CERAMIC DISCS



Ideal for by-pass coupling in high frequency circuits. All 500 VDC. Tolerance all $\pm 10\%$ except * $\pm 20\%$, $\dagger \pm 5\%$ MMF. \ddagger GMV. ** $+80-20\%$. Sizes range from $\frac{1}{4}$ " to $\frac{7}{8}$ " diam. Avg. shpg. wt., 2 oz.

Stock No.	CRL No.	Cap. MMF.	Stock No.	CRL No.	Cap. MMF.
CA-10	ID-3R3†	3.3	CA-48	ID-391	390
CA-11	ID-050	5	CA-49	ID-401	400
CA-12	ID-060	6	CA-50	ID-471	470
CA-13	ID-6R8	6.8	CA-51	ID-.00047‡	470
CA-14	ID-7R5	7.5	CA-52	ID-501	500
CA-15	ID-080	8	CA-53	ID-511	510
CA-16	ID-100	10	CA-54	ID-561	560
CA-17	ID-120	12	CA-55	ID-601	600
CA-18	ID-150	15	CA-56	ID-681	680
CA-498	ID-180	18	CA-57	ID-751	750
CA-19	ID-200	20	CA-500	ID-.0008‡	800
CA-20	ID-220	22	CA-58	ID-821	820
CA-21	ID-240	24	CA-59	ID-911	910
CA-22	ID-250	25	CA-60	ID-102	1000
CA-23	ID-270	27	CA-61	ID-.001‡	1000
CA-24	ID-300	30	CA-62	ID-122	1200
CA-25	ID-330	33	CA-63	ID-.0012‡	1200
CA-26	ID-390	39	CA-64	ID-132	1300
CA-27	ID-470	47	CA-65	ID-152	1500
CA-28	ID-500	50	CA-66	ID-.0015‡	1500
CA-29	ID-510	51	CA-67	ID-162	1600
CA-30	ID-560	56	CA-68	ID-182	1800
CA-499	ID-680	68	CA-69	ID-.002‡	2000
CA-31	ID-750	75	CA-70	ID-.0022‡	2200
CA-32	ID-820	82	CA-71	ID-.0025‡	2500
CA-33	ID-910	91	CA-72	ID-.0027‡	2700
CA-34	ID-101	100	CA-73	ID-.003‡	3000
CA-35	ID-121	120	CA-74	ID-.0033‡	3300
CA-36	ID-131	130	CA-75	ID-.0039‡	3900
CA-37	ID-151	150	CA-76	ID-.004‡	4000
CA-38	ID-181	180	CA-77	ID-.0043‡	4300
CA-39	ID-201	200	CA-78	ID-4722*	4700
CA-40	ID-221	220	CA-79	ID-.0047‡	4700
CA-41	ID-241	240	CA-80	ID-.005‡	5000
CA-42	ID-251	250	CA-81	ID-.0056‡	5600
CA-43	ID-271	270	CA-82	ID-.0068‡	6800
CA-44	ID-301	300	CA-83	ID-.0075‡	7500
CA-45	ID-331	330	CA-84	ID-.0082‡	8200
CA-46	ID-351	350	CA-85	ID-1032**	.01 MFD
CA-47	ID-361	360	CA-86	ID-.01‡	.01 MFD

NET EACH ANY ABOVE IN LOTS OF

1-24	25-99	100-249	250-499	500 UP
.15	.119	.10	.075	.056

NET EACH IN LOTS OF

Stock No.	CRL No.	Cap. MFD.	1-24	25-99	100-249	250-499	500 UP
CA-87	ID-.015**	.015	.18	.143	.12	.09	.068
CA-88	ID-.02**	.02	.18	.143	.12	.09	.068
CA-89	ID-203‡	.02	.35	.285	.24	.18	.135
CA-90	ID-.03**	.03	.35	.285	.24	.18	.135
CA-91	ID-.04**	.04	.35	.285	.24	.18	.135
CA-92	ID-.05**	.05	.35	.285	.24	.18	.135

FEED-THRU HI KAPS

TYPE FT



Rated 500 WVDC, 1000 VDC test. Brass cad. plated double-flanged mounting bushing with 12-28 thread and nut. Tinned copper leads, .050". Tolerance $\pm 20\%$ except * is $+50-20\%$. Overall size with leads $1\frac{1}{2} \times \frac{1}{2}$ ". Shpg. wt., 2 oz.

Stock No.	CRL No.	Cap. MMF.	Price Schedule
CA-355	FT-500	500	1-24 .73 ea.
CA-356	FT-1000	1000	25-99 .594 ea.
CA-357	FT-1500*	1500	100-249 .50 ea.
CA-358	FT-1800*	1800	250-499 .375 ea.
CA-359	FT-2300*	2300	500-UP .281 ea.

TYPE MFT



Miniature version of the FT. $\frac{1}{4}$ " max. flange diameter eyelet to be inserted in .160" dia. hole and soldered directly to chassis. Tolerance $\pm 10\%$ except * is $\pm 20\%$ and † is G.M.V.

Stock No.	CRL No.	Cap. MMF.	Price Schedule
CA-351	MFT-50	50	1-24 .29 ea.
CA-352	MFT-100	100	25-99 .238 ea.
CA-353	MFT-500*	1000	100-249 .20 ea.
CA-354	MFT-1000†	500	250-499 .15 ea.
			500-UP .113 ea.

TYPE DD 1000 WVDC CERAMIC DISCS



Ideal for by-pass coupling in high frequency circuits. 1000 VDC working except DD-103, DD-153, DD-203, DD-303, DD-403, DD-503 which are 600 VDC working. Tolerance all $\pm 10\%$ except * $\pm 20\%$, † $\pm 5\%$ MMF, ‡ GMV, ** $+80-20\%$. Sizes range from $\frac{1}{4}$ " to $\frac{7}{8}$ " diam. Avg. shpg. wt., 2 oz.

Stock No.	CRL No.	Cap. MMF.	Stock No.	CRL No.	Cap. MMF.
CA-93	DD-3R3†	3.3	CA-142	DD-401	400
CA-94	DD-050	5	CA-145	DD-471	470
CA-95	DD-060	6	CA-501	DD-471G‡	470
CA-96	DD-6R8	6.8	CA-147	DD-501	500
CA-97	DD-7R5	7.5	CA-150	DD-511	510
CA-98	DD-080	8	CA-152	DD-561	560
CA-99	DD-100	10	CA-153	DD-601	600
CA-103	DD-120	12	CA-255	DD-681	680
CA-109	DD-150	15	CA-257	DD-751	750
CA-114	DD-180	18	CA-258	DD-801‡	800
CA-117	DD-200	20	CA-260	DD-821	820
CA-121	DD-220	22	CA-262	DD-911	910
CA-124	DD-240	24	CA-101	DD-102	1000
CA-504	DD-250	25	CA-502	DD-102G‡	1000
CA-130	DD-270	27	CA-105	DD-122	1200
CA-133	DD-300	30	CA-106	DD-122G‡	1200
CA-136	DD-330	33	CA-108	DD-132	1300
CA-140	DD-390	39	CA-111	DD-152	1500
CA-144	DD-470	47	CA-503	DD-152G‡	1500
CA-146	DD-500	50	CA-113	DD-162	1600
CA-149	DD-510	51	CA-116	DD-182	1800
CA-151	DD-560	56	CA-119	DD-202‡	2000
CA-154	DD-680	68	CA-123	DD-222‡	2200
CA-256	DD-750	75	CA-129	DD-252‡	2500
CA-259	DD-820	82	CA-132	DD-272‡	2700
CA-261	DD-910	91	CA-127	DD-302‡	3000
CA-100	DD-101	100	CA-505	DD-332‡	3300
CA-104	DD-121	120	CA-506	DD-392‡	3900
CA-107	DD-131	130	CA-507	DD-402‡	4000
CA-110	DD-151	150	CA-508	DD-432‡	4300
CA-115	DD-181	180	CA-509	DD-472*	4700
CA-118	DD-201	200	CA-510	DD-472G‡	4700
CA-122	DD-221	220	CA-511	DD-502‡	5000
CA-125	DD-241	240	CA-247	DD-5022*	5000
CA-128	DD-251	250	CA-512	DD-562‡	5600
CA-131	DD-271	270	CA-513	DD-682‡	6800
CA-134	DD-301	300	CA-514	DD-752‡	7500
CA-137	DD-331	330	CA-515	DD-822‡	8200
CA-138	DD-351	350	CA-102	DD-103‡	.01 MFD
CA-139	DD-361	360	CA-263	DD-1032*	.01 MFD
CA-141	DD-391	390			

NET EACH ANY ABOVE IN LOTS OF

1-24	25-99	100-249	250-499	500 & UP
.15	.119	.10	.075	.056

NET EACH IN LOTS OF

Stock No.	CRL No.	Cap. MFD.	1-24	25-99	100-249	250-499	500 UP
CA-112	DD-153**	.015	.18	.143	.12	.09	.068
CA-120	DD-203**	.02	.18	.143	.12	.09	.068
CA-135	DD-303**	.03	.35	.285	.24	.18	.135
CA-143	DD-403**	.04	.35	.285	.24	.18	.135
CA-148	DD-503**	.05	.35	.285	.24	.18	.135

TYPE DD3 600 WVDC DUAL SECTION DISCS



Two individually shielded capacitors in one small case. All 600 WVDC. Tolerance GMV. Avg. shpg. wt., 2 oz.

Stock No.	CRL No.	Cap. MFD.	Price Schedule
CA-267	DD3-102	2X .001	1-24 .29 ea.
CA-269	DD3-152	2X .0015	25-99 .238 ea.
CA-270	DD3-202	2X .002	100-249 .20 ea.
CA-271	DD3-302	2X .005	250-499 .15 ea.
CA-268	DD3-103	2X .01	500-UP .113 ea.

CRL DD-16 1600 WVDC CERAMIC DISCS

All tolerance GMV except DD16-153 is $+80-20\%$. Avg. shpg. wt., 2 oz.

Stock No.	CRL No.	Cap. MFD.	Price Schedule
CA-236	DD16-302	.003	1-24 .166 .14 .105 .079
CA-237	DD16-402	.004	.21 .166 .14 .105 .079
CA-238	DD16-502	.005	.21 .166 .14 .105 .079
CA-239	DD16-602	.006	.21 .166 .14 .105 .079
CA-240	DD16-702	.007	.21 .166 .14 .105 .079
CA-241	DD16-752	.0075	.21 .166 .14 .105 .079
CA-242	DD16-802	.008	.21 .166 .14 .105 .079
CA-234	DD16-103	.01	.21 .166 .14 .105 .079
CA-235	DD16-153	.015	.35 .285 .24 .18 .135

CRL DD-30 3000 WVDC DISC CERAMICS



Tolerance $\pm 20\%$. Avg. Shpg. wt., 2 ozs.

Stock No.	CRL No.	Cap. MMF.	Stock No.	CRL No.	Cap. MMF.
CA-243	DD30-4R7	4.7	CA-167	DD30-201	200
CA-244	DD30-6R8	6.8	CA-168	DD30-221	220
CA-245	DD30-8R2	8.2	CA-169	DD30-251	250
CA-246	DD30-100	10	CA-170	DD30-271	270
CA-248	DD30-120	12	CA-171	DD30-301	300
CA-249	DD30-150	15	CA-172	DD30-331	330
CA-250	DD30-220	22	CA-173	DD30-391	390
CA-251	DD30-250	25	CA-174	DD30-401	400
CA-252	DD30-270	27	CA-175	DD30-471	470
CA-253	DD30-300	30	CA-176	DD30-501	500
CA-254	DD30-330	33	CA-177	DD30-561	560
CA-155	DD30-390	39	CA-178	DD30-681	680
CA-156	DD30-470	47	CA-179	DD30-751	750
CA-157	DD30-500	50	CA-180	DD30-821	820
CA-158	DD30-560	56	CA-163	DD30-102	1000
CA-159	DD30-680	68	CA-181	DD30-122	1200
CA-160	DD30-750	75	CA-182	DD30-152	1500
CA-161	DD30-820	82	CA-183	DD30-202	2000
CA-162	DD30-101	100	CA-184	DD30-222	2200
CA-164	DD30-121	120	CA-185	DD30-252	2500
CA-165	DD30-151	150	CA-186	DD30-272	2700
CA-166	DD30-181	180			

NET EACH ANY OF ABOVE IN LOTS

1-24	25-99	100-249	250-499	500 UP
.24	.19	.16	.12	.09

Stock No.	CRL No.	Cap. MMF.	Price Schedule
CA-187	DD30-302	3000	1-24 .29 ea.
CA-188	DD30-332	3300	25-99 .237 ea.
CA-189	DD30-392	3900	100-249 .20 ea.
CA-190	DD30-472	4700	250-499 .15 ea.
CA-191	DD30-502	5000	500 UP .113 ea.

CRL DD60 6000 WVDC DISC CERAMICS



Tolerance $\pm 20\%$. Avg. shpg. wt., 2 oz.

Stock No.	CRL No.	Cap. MMF.	Stock No.	CRL No.	Cap. MMF.
CA-192	DD60-4R7	4.7	CA-220	DD60-101	100
CA-193	DD60-6R8	6.8	CA-221	DD60-121	120
CA-204	DD60-8R2	8.2			

ARCO-ELMENCО DIPPED MYLAR PAPER CAPACITORS

MYLAR PAPER SILVERED MICA CAPACITORS

ELMENCО TYPE MPD DIPPED MYLAR PAPER CAPACITORS

Type MPD capacitors are dip-coated tubular mylar-paper dielectric capacitors. Type MPD capacitors are non-inductively wound and vacuum dipped to obtain solid impregnation and a rugged, moisture-proof coat. Type MPD gives high reliability in operation at 110° C without derating. AHD 10% tolerance. C = case size.

SIZE:	0-1 1/2 x 3/4 x 1	0D-1 1/2 x 3/4 x 7/8	00-1 1/2 x 1 1/2 x 1 1/2
A-1 1/2 x 3/4 x 1/2	P-1 1/2 x 1/2 x 3/4	EE-1 1/2 x 1/2 x 1 1/4	PP-1 1/2 x 1/2 x 3/4
B-3/4 x 1 1/2 x 1 1/2	Q-1 1/2 x 3/4 x 3/4	FF-2 3/8 x 1 1/4 x 1 1/4	RR-1 1/2 x 3/4 x 7/8
C-1 1/2 x 1 1/2 x 1 1/2	R-1 1/2 x 3/4 x 3/4	CG-1 1/2 x 1 1/2 x 1 1/2	QQ-1 1/2 x 3/4 x 1 1/4
D-1 1/2 x 3/4 x 3/4	S-1 1/2 x 3/4 x 3/4	HH-1 1/2 x 1 1/2 x 1 1/2	SS-1 1/2 x 3/4 x 1 1/4
E-7/8 x 1 1/2 x 1 1/2	T-1 1/2 x 3/4 x 7/8	II-2 3/8 x 3/4 x 1 1/2	TT-2 3/8 x 3/4 x 1
F-7/8 x 3/4 x 3/4	U-1 1/2 x 3/4 x 1	JJ-2 3/8 x 3/4 x 1 1/2	UU-2 3/8 x 7/8 x 1 1/4
G-7/8 x 1 1/2 x 3/4	V-3/4 x 3/4 x 3/4	KK-7/8 x 1 1/2 x 1 1/2	VV-7/8 x 1/2 x 3/4
H-3/4 x 3/4 x 1 1/2	W-7/8 x 3/4 x 3/4	LL-7/8 x 3/4 x 1 1/2	WW-7/8 x 3/4 x 3/4
I-1 1/4 x 3/4 x 1 1/2	X-7/8 x 1 1/2 x 1 1/2	MM-7/8 x 1/2 x 1 1/2	XX-1 1/4 x 1 1/2 x 3/4
J-1 1/2 x 1 1/2 x 3/4	Y-1 1/2 x 3/4 x 3/4	NN-1 1/4 x 1 1/2 x 1 1/2	
K-1 1/2 x 1 1/2 x 3/4	Z-1 1/2 x 1 1/2 x 1 1/2		
L-1 1/2 x 3/4 x 1 1/2	AA-1 1/2 x 1 1/2 x 3/4		
M-1 1/2 x 1 1/2 x 3/4	BB-1 1/4 x 1 1/2 x 3/4		
N-1 1/2 x 1 1/2 x 1 1/2	CC-1 1/4 x 1 1/2 x 1 1/2		

100 VDCW		NET EACH	
Stock No.	Mfd. No.	IDP. No.	50-100-149 99 499
CG-350	005	1-502 A	.21 .19 .16
CG-351	006	1-602 A	.21 .19 .16
CG-352	0068	1-682 A	.21 .19 .16
CG-353	0075	1-752 A	.21 .19 .16
CG-354	01	1-103 A	.21 .19 .16
CG-355	015	1-153 B	.21 .19 .16
CG-356	02	1-203 C	.21 .19 .16
CG-357	022	1-223 C	.21 .19 .16
CG-358	025	1-253 C	.21 .19 .16

100 VDCW		NET EACH	
Stock No.	Mfd. No.	IDP. No.	50-100-149 99 499
CG-359	03	1-303 D	.21 .19 .16
CG-360	033	1-333 D	.21 .19 .16
CG-361	04	1-403 D	.24 .22 .18
CG-362	047	2-473 E	.24 .22 .18
CG-363	05	2-503 E	.24 .22 .18
CG-364	056	2-563 F	.24 .22 .18
CG-365	068	2-683 G	.24 .22 .18
CG-366	075	2-753 G	.27 .24 .20
CG-367	1	2-104 H	.27 .24 .20

200 VDCW		NET EACH	
Stock No.	Mfd. No.	IDP. No.	50-100-149 99 499
CG-368	15	3-154 I	.27 .24 .20
CG-369	2	3-204 J	.30 .27 .23
CG-370	22	3-224 J	.30 .27 .23
CG-371	25	3-254 K	.33 .30 .25
CG-372	33	4-334 L	.39 .35 .29
CG-373	47	4-474 M	.48 .43 .36
CG-374	5	4-504 M	.48 .43 .36
CG-375	68	4-684 N	.66 .59 .50
CG-376	1.0	5-105 O	.96 .86 .72

200 VDCW		NET EACH	
Stock No.	Mfd. No.	IDP. No.	50-100-149 99 499
CG-377	1	3-104 P	.27 .24 .20
CG-378	15	3-154 Q	.30 .27 .23
CG-379	2	4-204 R	.33 .30 .25
CG-380	22	4-224 R	.33 .30 .25
CG-381	25	4-254 S	.36 .32 .27
CG-382	33	5-334 T	.42 .38 .32
CG-383	47	5-474 U	.51 .46 .38
CG-384	50	5-504 U	.51 .46 .38

1600 VDCW		NET EACH	
Stock No.	Mfd. No.	IDP. No.	50-100-149 99 499
CG-452	001	2-102 KK	.33 .30 .25
CG-453	0015	2-152 KK	.33 .30 .25
CG-454	0018	2-182 LL	.33 .30 .25
CG-455	002	2-202 LL	.33 .30 .25
CG-456	0022	2-222 LL	.33 .30 .25
CG-457	0025	2-252 G	.33 .30 .25
CG-458	003	2-302 W	.33 .30 .25
CG-459	0033	2-332 W	.33 .30 .25

1600 VDCW		NET EACH	
Stock No.	Mfd. No.	IDP. No.	50-100-149 99 499
CG-460	004	2-402 X	.33 .30 .25
CG-461	0047	2-472 VV	.33 .30 .25
CG-462	005	2-502 WW	.33 .30 .25
CG-463	006	3-602 Y	.36 .32 .27
CG-464	007	3-702 Z	.36 .32 .27
CG-465	0075	3-752 AA	.36 .32 .27
CG-466	008	3-802 XX	.36 .32 .27
CG-467	01	3-103 XX	.36 .32 .27

1600 VDCW		NET EACH	
Stock No.	Mfd. No.	IDP. No.	50-100-149 99 499
CG-468	015	4-153 PP	.39 .35 .29
CG-469	02	4-203 S	.42 .38 .32
CG-470	022	5-223 DD	.42 .38 .32
CG-471	025	5-253 T	.42 .38 .32
CG-472	03	5-303 N	.42 .38 .32
CG-473	033	5-333 RR	.42 .38 .32
CG-474	04	5-403 O	.45 .41 .34
CG-475	047	5-473 SS	.48 .43 .36
CG-476	05	5-503 SS	.48 .43 .36

ELMENCО TYPE DM-10 DIPPED SILVERED MICA CAPACITORS

Type DM-10 is a new sub-miniature dipped silvered mica capacitor that sets a new standard in miniature reliability. Retains the same superior electrical characteristics of silvered mica capacitors as found in much larger sizes. Assures a high order of performance in extreme miniaturization applications—missiles, printed circuits and all compact electronic equipment. Meets all the electrical requirements of military spec. #MIL-C-5B and EIA specification RS-153. All are 5% tolerance except * = min tolerance ± 0.5 mmf. ** = ± 10%.

TYPE DM-10 — 500 VDCW. 5% Tolerance.		NET EACH	
Stock No.	Cap. MMF	DM10- Type	50-100-149 99 499
CG-477	1 010*	.18 .16 .13	
CG-478	2 020*	.18 .16 .13	
CG-479	3 030*	.18 .16 .13	
CG-480	5 050*	.18 .16 .13	
CG-481	10 100	.20 .18 .15	
CG-482	12 120	.23 .21 .17	
CG-483	15 150	.23 .21 .17	
CG-484	18 180	.23 .21 .17	
CG-485	20 200	.23 .21 .17	
CG-486	22 220	.23 .21 .17	
CG-487	24 240	.23 .21 .17	
CG-488	27 270	.23 .21 .17	
CG-489	30 300	.23 .21 .17	
CG-490	33 330	.23 .21 .17	
CG-491	36 360	.23 .21 .17	
CG-492	39 390	.23 .21 .17	
CG-493	43 430	.23 .21 .17	
CG-494	47 470	.26 .23 .19	
CG-495	50 500	.26 .23 .19	
CG-496	51 510	.26 .23 .19	
CG-497	56 560	.26 .23 .19	

CENTRAL LAB CERAMIC-DIELECTRIC TRIMMER CAPACITORS



TYPE 820 Conveniently mounted, wide capacity range units. Rated 600 VDCW, test 1500 VDC. Mounting holes clear #4 machine screws. Size: 3/8 x 3/16. Shpg. wt. 1 oz.

Stock No.	Part No.	Capacity	NET PRICE
CA-360	820-A	2-5.6	
CA-361	820-B	5-20	1.9 .76
CA-362	820-C	7-35	10-24 .65
CA-363	820-D	1-3.5	25-99 .618
CA-364	820-E	35-55	100-249 .52
CA-365	820-F	55-75	
CA-366	820-G	70-80	

TYPE 822 TRIMMER Types with N indicate negative temperature coefficient; Z indicates zero coefficient. Steatite base. Rated 600 VDCW. Shpg. wt. 1 oz.

Stock No.	Part No.	Capacity	NET PRICE
CA-367	822-AN	8-50	
CA-368	822-AZ	4.5-25	
CA-369	822-BN	7-45	
CA-370	822-BZ	2.5-13	1.9 1.03
CA-371	822-CN	4.5-25	10-24 .875
CA-372	822-CZ	2-7.5	25-99 .831
CA-373	822-DN	2-6	100-249 .70
CA-374	822-DZ	1.5-3	
CA-375	822-EN	4-30	
CA-376	822-EZ	1.5-7	
CA-377	822-FZ	3-12	

TYPE 829 TUBULAR TRIMMER Mounted by locknut against metal panel or chassis. 600 volts working. Shpg. wt. 1 oz.

Stock No.	Part No.	Capacity	NET PRICE
CA-391	829-3	5-3	1.24 .29
CA-392	829-4	1-4	25-99 .238
CA-393	829-6	1-6	100-249 .20
CA-394	829-7	1-7.5	250-499 .15
CA-395	829-10	1.5-10	500-999 .113

ATTACHABLE TERMINAL HI-VO-KAP KIT Kit contains 1 TV-20 HI-VO-Kap and a complete set of attachable terminals for TV replacement. Ideal for service calls. 500 uuf capacitor rated at 20 KV DCWV, withstands twice rated voltage. Set of terminals includes 1 each slotted-rod, short male and long male and 2 each female tap and male thread. No stripping or loose terminals. Shpg. wt. 6 oz. Net 1.32



TEXAS INSTRUMENTS *tan-Ti-cap*[®]

SOLID TANTALUM ELECTROLYTIC CAPACITORS



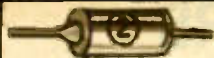
TYPE SCM



Texas Instruments tan-Ti-cap capacitor, type SCM, is a solid electrolyte, porous sintered tantalum anode, electrolytic capacitor. Meets and exceeds electrical and mechanical requirements of MIL-C-55057 (Sig. C) and MIL-C-21720 (NAVY) specifications for solid tantalum capacitors 6 to 35 volts; 1 to 330 Mfd. —80°C to 125°C. Dry, shock and vibration resistant; long shelf life; corrosion resistant; hermetically sealed; compact, easy mounting. Tolerance 10% and 20%. Polarized operation. Cases sizes: F—0.125 Diameter x .250" L; B—.175 Diameter x 0.438" L; G—.279

Diameter x 0.650" L; M—0.341" Diameter x 0.750" L. For KEL-F insulating sleeving, change letter from "A" to "B" and add .05 each to basic price. For Mylar insulating sleeves, change "A" to "C" and add .05 each to basic price. For flexible vinyl sleeving, change "A" to "C" and add .05 each to basic price. For fungus proofing finish add .15 each to basic price. All units listed below are standard finish without insulating sleeving and with voltage rating at 85°C.

6 VOLTS DC 20% TOLERANCE					6 VOLTS DC 10% TOLERANCE					10 VOLTS DC 10% TOLERANCE				
Net Each					Net Each					Net Each				
Stock No.	SCM Type No.	Case Size	Cap. Mfd.	1-24 25-49 50-99 100-499	Stock No.	SCM Type No.	Case Size	Cap. Mfd.	1-24 25-49 50-99 100-499	Stock No.	SCM Type No.	Case Size	Cap. Mfd.	1-24 25-49 50-99 100-499
CC-144	105FP006A4	F	1.0	2.69 1.54 1.15 .92	CC-10	105FP006A2	F	1.0	3.50 2.00 1.50 1.20	CC-41	105FP010A2	F	1.0	3.50 2.00 1.50 1.20
CC-145	155FP006A4	F	1.5	2.69 1.54 1.15 .92	CC-11	125FP006A2	F	1.2	3.50 2.00 1.50 1.20	CC-42	125FP010A2	F	1.2	3.50 2.00 1.50 1.20
CC-146	225FP006A4	F	2.2	2.69 1.54 1.15 .92	CC-12	155FP006A2	F	1.5	3.50 2.00 1.50 1.20	CC-43	155FP010A2	F	1.5	3.50 2.00 1.50 1.20
CC-147	335FP006A4	F	3.3	2.69 1.54 1.15 .92	CC-13	185FP006A2	F	1.8	3.50 2.00 1.50 1.20	CC-44	185FP010A2	F	1.8	3.50 2.00 1.50 1.20
CC-148	475FP006A4	F	4.7	2.69 1.54 1.15 .92	CC-14	225FP006A2	F	2.2	3.50 2.00 1.50 1.20	CC-45	225FP010A2	F	2.2	3.50 2.00 1.50 1.20
CC-149	685FP006A4	F	6.8	2.69 1.54 1.15 .92	CC-15	275FP006A2	F	2.7	3.50 2.00 1.50 1.20	CC-46	275FP010A2	F	2.7	3.50 2.00 1.50 1.20
CC-150	1068BP006A4	B	10	2.84 1.62 1.22 .97	CC-16	335FP006A2	F	3.3	3.50 2.00 1.50 1.20	CC-47	335FP010A2	F	3.3	3.50 2.00 1.50 1.20
CC-151	1568BP006A4	B	15	2.84 1.62 1.22 .97	CC-17	395FP006A2	F	3.9	3.50 2.00 1.50 1.20	CC-48	395FP010A2	F	3.9	3.50 2.00 1.50 1.20
CC-152	2268BP006A4	B	22	2.84 1.62 1.22 .97	CC-18	475FP006A2	F	4.7	3.50 2.00 1.50 1.20	CC-49	475FP010A2	F	4.7	3.50 2.00 1.50 1.20
CC-153	3368BP006A4	B	33	2.84 1.62 1.22 .97	CC-19	565FP006A2	F	5.6	3.50 2.00 1.50 1.20	CC-50	5658BP010A2	B	5.6	3.68 2.10 1.58 1.26
CC-154	4768BP006A4	B	47	2.84 1.62 1.22 .97	CC-20	685FP006A2	F	6.8	3.50 2.00 1.50 1.20	CC-51	6858BP010A2	B	6.8	3.68 2.10 1.58 1.26
CC-155	6868BP006A4	G	68	4.62 2.64 1.98 1.58	CC-21	8258BP006A2	B	8.2	3.68 2.10 1.58 1.26	CC-52	8258BP010A2	B	8.2	3.68 2.10 1.58 1.26
CC-156	10768BP006A4	G	100	4.62 2.64 1.98 1.58	CC-22	1068BP006A2	B	10	3.68 2.10 1.58 1.26	CC-53	1068BP010A2	B	10	3.68 2.10 1.58 1.26
CC-157	15768BP006A4	G	150	4.62 2.64 1.98 1.58	CC-23	1268BP006A2	B	12	3.68 2.10 1.58 1.26	CC-54	1268BP010A2	B	12	3.68 2.10 1.58 1.26
CC-158	22768BP006A4	H	220	8.68 4.96 3.72 2.98	CC-24	1568BP006A2	B	15	3.68 2.10 1.58 1.26	CC-55	1568BP010A2	B	15	3.68 2.10 1.58 1.26
CC-159	33768BP006A4	H	330	8.68 4.96 3.72 2.98	CC-25	1868BP006A2	B	18	3.68 2.10 1.58 1.26	CC-56	1868BP010A2	B	18	3.68 2.10 1.58 1.26
CC-160	105FP010A4	F	1.0	2.69 1.54 1.15 .92	CC-26	2268BP006A2	B	22	3.68 2.10 1.58 1.26	CC-57	2268BP010A2	B	22	3.68 2.10 1.58 1.26
CC-161	155FP010A4	F	1.5	2.69 1.54 1.15 .92	CC-27	2768BP006A2	B	27	3.68 2.10 1.58 1.26	CC-58	2768BP010A2	B	27	3.68 2.10 1.58 1.26
CC-162	225FP010A4	F	2.2	2.69 1.54 1.15 .92	CC-28	3368BP006A2	B	33	3.68 2.10 1.58 1.26	CC-59	3368BP010A2	B	33	3.68 2.10 1.58 1.26
CC-163	335FP010A4	F	3.3	2.69 1.54 1.15 .92	CC-29	3968BP006A2	B	39	3.68 2.10 1.58 1.26	CC-60	3968BP010A2	B	39	3.68 2.10 1.58 1.26
CC-164	475FP010A4	F	4.7	2.69 1.54 1.15 .92	CC-30	4768BP006A2	B	47	3.68 2.10 1.58 1.26	CC-61	4768BP010A2	G	47	6.02 3.44 2.58 2.06
CC-165	6958BP010A4	B	6.8	2.84 1.62 1.22 .97	CC-31	5668BP006A2	B	56	3.68 2.10 1.58 1.26	CC-62	5668BP010A2	G	56	6.02 3.44 2.58 2.06
CC-166	1068BP010A4	B	10	2.84 1.62 1.22 .97	CC-32	6868BP006A2	G	68	6.02 3.44 2.58 2.06	CC-63	6868BP010A2	G	68	6.02 3.44 2.58 2.06
CC-167	1568BP010A4	B	15	2.84 1.62 1.22 .97	CC-33	8268BP006A2	G	82	6.02 3.44 2.58 2.06	CC-64	8268BP010A2	G	82	6.02 3.44 2.58 2.06
CC-168	2268BP010A4	B	22	2.84 1.62 1.22 .97	CC-34	10768BP006A2	G	100	6.02 3.44 2.58 2.06	CC-65	10768BP010A2	G	100	6.02 3.44 2.58 2.06
CC-169	3368BP010A4	B	33	2.84 1.62 1.22 .97	CC-35	12768BP006A2	G	120	6.02 3.44 2.58 2.06	CC-66	12768BP010A2	G	120	6.02 3.44 2.58 2.06
CC-170	4768BP010A4	G	47	4.62 2.64 1.98 1.58	CC-36	15768BP006A2	G	150	6.02 3.44 2.58 2.06	CC-67	15768BP010A2	H	150	11.27 6.44 4.83 3.86
CC-171	6868BP010A4	G	68	4.62 2.64 1.98 1.58	CC-37	18768BP006A2	G	180	6.02 3.44 2.58 2.06	CC-68	18768BP010A2	H	180	11.27 6.44 4.83 3.86
CC-172	10768BP010A4	G	100	4.62 2.64 1.98 1.58	CC-38	22768BP006A2	H	220	11.27 6.44 4.83 3.86	CC-69	22768BP010A2	H	220	11.27 6.44 4.83 3.86
CC-173	15768BP010A4	H	150	8.68 4.96 3.72 2.98	CC-39	27768BP006A2	H	270	11.27 6.44 4.83 3.86					
CC-174	22768BP010A4	H	220	8.68 4.96 3.72 2.98	CC-40	33768BP006A2	H	330	11.27 6.44 4.83 3.86					
CC-175	105FP015A4	F	1.0	2.69 1.54 1.15 .92										
CC-176	155FP015A4	F	1.5	2.69 1.54 1.15 .92										
CC-177	225FP015A4	F	2.2	2.69 1.54 1.15 .92										
CC-178	335FP015A4	F	3.3	2.69 1.54 1.15 .92										
CC-179	4758BP015A4	B	4.7	2.84 1.62 1.22 .97										
CC-180	6858BP015A4	B	6.8	2.84 1.62 1.22 .97										
CC-181	1068BP015A4	B	10	2.84 1.62 1.22 .97										
CC-182	1568BP015A4	B	15	2.84 1.62 1.22 .97										
CC-183	2268BP015A4	B	22	2.84 1.62 1.22 .97										
CC-184	3368BP015A4	G	33	4.62 2.64 1.98 1.58										
CC-185	4768BP015A4	G	47	4.62 2.64 1.98 1.58										
CC-186	6868BP015A4	G	68	4.62 2.64 1.98 1.58										
CC-187	10768BP015A4	H	100	8.68 4.96 3.72 2.98										
CC-188	15768BP015A4	H	150	8.68 4.96 3.72 2.98										
CC-189	105FP020A2	F	1.0	3.50 2.00 1.50 1.20										
CC-190	155FP020A2	F	1.5	3.50 2.00 1.50 1.20										
CC-191	225FP020A2	F	2.2	3.50 2.00 1.50 1.20										
CC-192	335FP020A2	F	3.3	3.50 2.00 1.50 1.20										
CC-193	4758BP020A2	B	4.7	3.68 2.10 1.58 1.26										
CC-194	6858BP020A4	B	6.8	3.68 2.10 1.58 1.26										
CC-195	1068BP020A4	B	10	3.68 2.10 1.58 1.26										
CC-196	1568BP020A4	B	15	3.68 2.10 1.58 1.26										
CC-197	2268BP020A4	G	22	4.62 2.64 1.98 1.58										
CC-198	3368BP020A4	G	33	4.62 2.64 1.98 1.58										
CC-199	4768BP020A4	G	47	4.62 2.64 1.98 1.58										
CC-200	6868BP020A4	H	68	8.68 4.96 3.72 2.98										
CC-201	10768BP020A4	H	100	8.68 4.96 3.72 2.98										



Sprague 150D "Tantalex" Capacitors

Combine true miniaturization with electrical and performance characteristics previously unobtainable in electrolytic capacitors. Hermetically sealed in sub-miniature metal cases. Solid electrolyte cannot leak or corrode, even if hermetic seal is accidentally broken. Exhibit stable capacitance and low dissipation factor over wide temperature range of -80°C to +85°C. Temperature coefficient of capacitance is unusually low and linear-nominally 600 ppm/°C. Sup-

plied with plastic film sleeves. All values listed are ±20%. Shpg. wt., 3 oz. Case size indicated by last letter in type number. All sizes include plastic sleeve. Also available less insulating sleeve; write for prices.

TYPE 150D 6 WVDC—8 VDC SURGE

Stock No.	150D No.	NET EACH				
		μF	1-24	25-49	50-99	100-249
CB-10	224X0006A2	.22	2.74	1.59	1.21	.97
CB-11	334X0006A2	.33	2.74	1.59	1.21	.97
CB-12	474X0006A2	.47	2.74	1.59	1.21	.97
CB-13	684X0006A2	.68	2.74	1.59	1.21	.97
CB-14	105X0006A2	1.0	2.74	1.59	1.21	.97
CB-15	155X0006A2	1.5	2.74	1.59	1.21	.97
CB-16	225X0006A2	2.2	2.74	1.59	1.21	.97
CB-17	335X0006A2	3.3	2.74	1.59	1.21	.97
CB-18	475X0006A2	4.7	2.74	1.59	1.21	.97
CB-19	685X0006A2	6.8	2.74	1.59	1.21	.97
CB-20	106X0006B2	10	2.89	1.67	1.27	1.02
CB-21	156X0006B2	15	2.89	1.67	1.27	1.02
CB-22	226X0006B2	22	2.89	1.67	1.27	1.02
CB-23	336X0006B2	33	2.89	1.67	1.27	1.02
CB-24	476X0006B2	47	2.89	1.67	1.27	1.02
CB-25	606X0006B2	60	2.89	1.67	1.27	1.02
CB-26	686X0006B2	68	4.69	2.70	2.04	1.64
CB-27	107X0006R2	100	4.69	2.70	2.04	1.64
CB-28	127X0006R2	120	4.69	2.70	2.04	1.64
CB-29	157X0006R2	150	4.69	2.70	2.04	1.64
CB-30	187X0006R2	180	4.69	2.70	2.04	1.64
CB-31	227X0006S2	220	8.73	5.01	3.77	3.03
CB-32	337X0006S2	330	8.73	5.01	3.77	3.03

TYPE 150D 10 WVDC - 13 VDC SURGE

CB-33	224X0010A2	.22	2.74	1.59	1.21	.97
CB-34	334X0010A2	.33	2.74	1.59	1.21	.97
CB-35	474X0010A2	.47	2.74	1.59	1.21	.97
CB-36	684X0010A2	.68	2.74	1.59	1.21	.97
CB-37	105X0010A2	1.0	2.74	1.59	1.21	.97
CB-38	155X0010A2	1.5	2.74	1.59	1.21	.97
CB-39	225X0010A2	2.2	2.74	1.59	1.21	.97
CB-40	335X0010A2	3.3	2.74	1.59	1.21	.97
CB-41	475X0010A2	4.7	2.74	1.59	1.21	.97
CB-42	685X0010B2	6.8	2.89	1.67	1.27	1.02
CB-43	106X0010B2	10	2.89	1.67	1.27	1.02
CB-44	156X0010B2	15	2.89	1.67	1.27	1.02
CB-45	226X0010B2	22	2.89	1.67	1.27	1.02
CB-46	336X0010B2	33	2.89	1.67	1.27	1.02
CB-47	406X0010B2	40	2.89	1.67	1.27	1.02
CB-48	686X0010R2	68	4.69	2.70	2.04	1.64
CB-49	107X0010R2	100	4.69	2.70	2.04	1.64
CB-50	127X0010R2	120	4.69	2.70	2.04	1.64
CB-51	157X0010S2	150	8.73	5.01	3.77	3.03
CB-52	227X0010S2	220	8.73	5.01	3.77	3.03

TYPE 150D 35 WVDC - 40 VDC SURGE

CB-98	472X0035A2	.0047	2.46	1.43	1.08	.88
CB-99	682X0035A2	.0068	2.46	1.43	1.08	.88
CB-100	103X0035A2	.01	2.46	1.43	1.08	.88
CB-101	153X0035A2	.015	2.46	1.43	1.08	.88
CB-102	223X0035A2	.022	2.46	1.43	1.08	.88
CB-103	333X0035A2	.033	2.46	1.43	1.08	.88
CB-104	473X0035A2	.047	2.46	1.43	1.08	.88
CB-105	683X0035A2	.068	2.46	1.43	1.08	.88
CB-106	104X0035A2	0.10	2.46	1.43	1.08	.88
CB-107	154X0035A2	.15	2.74	1.59	1.21	.97
CB-108	224X0035A2	.22	2.74	1.59	1.21	.97
CB-109	334X0035A2	.33	2.74	1.59	1.21	.97
CB-110	474X0035A2	.47	2.74	1.59	1.21	.97

CORNELL-DUBILIER TYPE TJU DYKANOL TRANSMITTING CAPACITORS



High quality dependable capacitors with Dykanol impregnant in hermetically sealed containers. For industrial, experimental and transmitting applications. Commercial equivalent of JAN CP-70. Supplied with universal bracket for quick easy mounting. Footed brackets or spade lug brackets available on special request. Digit "6" following "U" of type no. indicates 600 VDCW; digit "1" indicates 1000 VDCW. Av. Size is 3/2x2 1/2x1 1/4". Avg. shpg. wt., 5 lbs.

Code	Diam. x Length	Code	Diam. x Length
A	.104" x .312"	R	.285" x .759"
B	.190" x .500"	S	.347" x .859"

TYPE 150D 15 WVDC - 18 VDC SURGE

Stock No.	150D No.	NET EACH				
		μF	1-24	25-49	50-99	100-249
CB-53	224X0015A2	.22	2.74	1.59	1.21	.97
CB-54	334X0015A2	.33	2.74	1.59	1.21	.97
CB-55	474X0015A2	.47	2.74	1.59	1.21	.97
CB-56	684X0015A2	.68	2.74	1.59	1.21	.97
CB-57	105X0015A2	1.0	2.74	1.59	1.21	.97
CB-58	155X0015A2	1.5	2.74	1.59	1.21	.97
CB-59	225X0015A2	2.2	2.74	1.59	1.21	.97
CB-60	335X0015A2	3.3	2.74	1.59	1.21	.97
CB-61	475X0015A2	4.7	2.89	1.67	1.27	1.02
CB-62	685X0015B2	6.8	2.89	1.67	1.27	1.02
CB-63	106X0015B2	10	2.89	1.67	1.27	1.02
CB-64	156X0015B2	15	2.89	1.67	1.27	1.02
CB-65	226X0015B2	22	2.89	1.67	1.27	1.02
CB-66	336X0015R2	33	4.69	2.70	2.04	1.64
CB-67	476X0015R2	47	4.69	2.70	2.04	1.64
CB-68	686X0015R2	68	4.69	2.70	2.04	1.64
CB-69	107X0015S2	100	8.73	5.01	3.77	3.03
CB-70	157X0015S2	150	8.73	5.01	3.77	3.03

TYPE 150D 20 WVDC - 23 VDC SURGE

CB-71	472X0020A2	.0047	2.46	1.43	1.08	.88
CB-72	682X0020A2	.0068	2.46	1.43	1.08	.88
CB-73	103X0020A2	.01	2.46	1.43	1.08	.88
CB-74	153X0020A2	.015	2.46	1.43	1.08	.88
CB-75	223X0020A2	.022	2.46	1.43	1.08	.88
CB-76	333X0020A2	.033	2.46	1.43	1.08	.88
CB-77	473X0020A2	.047	2.46	1.43	1.08	.88
CB-78	683X0020A2	.068	2.46	1.43	1.08	.88
CB-79	104X0020A2	0.10	2.46	1.43	1.08	.88
CB-80	154X0020A2	.15	2.74	1.59	1.21	.97
CB-81	224X0020A2	.22	2.74	1.59	1.21	.97
CB-82	334X0020A2	.33	2.74	1.59	1.21	.97
CB-83	474X0020A2	.47	2.74	1.59	1.21	.97
CB-84	684X0020A2	.68	2.74	1.59	1.21	.97
CB-85	105X0020A2	1.0	2.74	1.59	1.21	.97
CB-86	155X0020A2	1.5	2.74	1.59	1.21	.97
CB-87	225X0020A2	2.2	2.74	1.59	1.21	.97
CB-88	335X0020B2	3.3	2.89	1.67	1.27	1.02
CB-89	475X0020B2	4.7	2.89	1.67	1.27	1.02
CB-90	685X0020B2	6.8	2.89	1.67	1.27	1.02
CB-91	106X0020B2	10	2.89	1.67	1.27	1.02
CB-92	156X0020B2	15	2.89	1.67	1.27	1.02
CB-93	226X0020R2	22	4.69	2.70	2.04	1.64
CB-94	336X0020R2	33	4.69	2.70	2.04	1.64
CB-95	476X0020R2	47	4.69	2.70	2.04	1.64
CB-96	686X0020S2	68	8.73	5.01	3.77	3.03
CB-97	107X0020S2	100	8.73	5.01	3.77	3.03

CB-111	684X0035A2	.68	2.74	1.59	1.21	.97
CB-112	105X0035A2	1.0	2.74	1.59	1.21	.97
CB-113	155X0035B2	1.5	2.89	1.67	1.27	1.02
CB-114	225X0035B2	2.2	2.89	1.67	1.27	1.02
CB-115	335X0035B2	3.3	2.89	1.67	1.27	1.02
CB-116	475X0035B2	4.7	2.89	1.67	1.27	1.02
CB-117	685X0035B2	6.8	2.89	1.67	1.27	1.02
CB-118	106X0035R2	10	4.69	2.70	2.04	1.64
CB-119	156X0035R2	15	4.69	2.70	2.04	1.64
CB-120	226X0035R2	22	4.69	2.70	2.04	1.64
CB-121	336X0035S2	33	8.73	5.01	3.77	3.03
CB-122	476X0035S2	47	8.73	5.01	3.77	3.03

Stock No.	C.D. Type	CAP UFD	1-9 EA.	10-24 EA.	25-49 EA.	50-99 EA.
CB-399	TJU6005	5	3.05	1.91	1.72	1.52
CB-400	TJU6010	1	3.42	2.15	1.93	1.70
CB-401	TJU6020	2	3.96	2.48	2.22	1.96
CB-402	TJU6030	3	5.30	3.30	2.95	2.60
CB-403	TJU6040	4	5.30	3.30	2.95	2.60
CB-404	TJU6050	5	6.36	3.95	3.52	3.10
CB-405	TJU6060	6	6.36	3.95	3.52	3.10
CB-406	TJU6080	8	7.59	4.70	4.19	3.69
CB-407	TJU6100	10	8.75	5.42	4.83	4.24
CB-408	TJU10001	.1	3.36	2.11	1.89	1.67
CB-409	TJU10005	.25	3.40	2.14	1.92	1.70
CB-410	TJU10010	.5	3.49	2.19	1.96	1.73
CB-411	TJU10015	1	3.73	2.34	2.09	1.85
CB-412	TJU10020	2	4.50	2.81	2.52	2.22
CB-413	TJU10030	3	5.91	3.67	3.28	2.89
CB-414	TJU10040	4	5.91	3.67	3.28	2.89
CB-415	TJU10050	5	7.33	4.54	4.06	3.57
CB-416	TJU10060	6	7.33	4.54	4.06	3.57
CB-417	TJU10080	8	8.68	5.37	4.79	4.21
CB-418	TJU10100	10	10.11	6.25	5.57	4.89
CB-419	TJU10120	12	11.78	7.27	6.48	5.69
CB-420	TJU10150	15	14.17	8.74	7.78	6.83

CORNELL-DUBILIER CAPACITORS



SERIES TWO DEMICON MINIATURE METAL-CASED TUBULAR CAPACITORS

Hermetically sealed in metal cases with glass-to-metal seal terminals. Contains Dykanol U oil impregnant with -55° to +125°C temperature range. In underground basic style. All ± 20% tol. Av. shpg. wt., 3 oz.

Stock No.	Type TWU	Mfd.	Size	NET EACH IN LOTS OF 50-				
				1-9	10-24	25-49	50-99	100-249
				200 VDC WORKING				
CB-375	2P47	.47	1/4x1 1/4	2.41	1.84	1.38	1.10	
CB-376	2W1	1.0	1/4x1 1/4	2.78	2.12	1.59	1.27	
				400 VDC WORKING				
CB-377	4D1	.001	1/4x 3/4	1.84	1.41	1.05	.84	
CB-378	4D47	.0047	1/4x 3/4	2.06	1.42	1.06	.85	
CB-381	4S47	.047	1/4x 3/4	2.03	1.55	1.16	.93	
CB-379	4P22	.22	1/4x1 1/4	2.41	1.84	1.38	1.10	
CB-380	4P47	.47	1/4x1 1/4	2.78	2.13	1.59	1.2	

MALLORY TANTALUM CAPACITORS



TYPE TAS SOLID ELECTROLYTE TANTALUM CAPACITORS

The TAS has a sintered tantalum pellet anode and a solid electrolyte that is not subject to corrosion or leakage. Hermetic glass-to-metal seal. Ideal for use in miniaturized military and computer equipment, portable test equipment, transistorized radios, recorders, etc., where space saving is an important factor. Axial leads will withstand a pull test of 3 lbs. for 30 seconds. Outstanding stability in leakage characteristics, dissipation factor. Excellent moisture and high frequency vibration resistance. Temp. range -80° to +85°C. ±20% tolerance. TAS case size: A—.125x.250"; B—.175x.325"; C—.175x.438"; D—.313x.438"; E—.313x.625"; F—.279x.650"; G—.341x.750". Av. shgp. wt., 4 oz. each.

6 WORKING VOLTS DC

Stock No.	TAS Type	Mfd.	Case Size	1-24	25-49	50-99	100-249
CB-597	P33-6	.33	A	2.68	1.53	1.15	.92
CB-602	P47-6	.47	A	2.68	1.53	1.15	.92
CB-607	P68-6	.68	A	2.68	1.53	1.15	.92
CB-612	1-6	1.0	A	2.68	1.53	1.15	.92
CB-657	1P5-6	1.5	A	2.68	1.53	1.15	.92
CB-662	2P2-6	2.2	A	2.68	1.53	1.15	.92
CB-667	3P3-6	3.3	A	2.68	1.53	1.15	.92
CB-672	4P7-6	4.7	A	2.68	1.53	1.15	.92
CB-677	6P8-6	6.8	A	2.68	1.53	1.15	.92
CB-617	10-6	10	C	2.84	1.62	1.22	.97
CB-622	15-6	15	C	2.84	1.62	1.22	.97
CB-627	22-6	22	C	2.84	1.62	1.22	.97
CB-632	33-6	33	C	2.84	1.62	1.22	.97
CB-637	47-6	47	C	2.84	1.62	1.22	.97
CB-642	68-6	68	F	4.66	2.66	2.00	1.60
CB-647	100-6	100	F	4.66	2.66	2.00	1.60
CB-651	150-6	150	F	4.66	2.66	2.00	1.60
CB-654	220-6	220	G	8.65	4.94	3.71	2.96
CB-656	330-6	330	G	8.65	4.94	3.71	2.96

10 WORKING VOLTS DC

Stock No.	TAS Type	Mfd.	Case Size	1-24	25-49	50-99	100-249
CB-598	P33-10	.33	A	2.68	1.53	1.15	.92
CB-603	P47-10	.47	A	2.68	1.53	1.15	.92
CB-608	P68-10	.68	A	2.68	1.53	1.15	.92
CB-613	1-10	1.0	A	2.68	1.53	1.15	.92
CB-658	1P5-10	1.5	A	2.68	1.53	1.15	.92
CB-663	2P2-10	2.2	A	2.68	1.53	1.15	.92
CB-668	3P3-10	3.3	A	2.68	1.53	1.15	.92
CB-673	4P7-10	4.7	A	2.68	1.53	1.15	.92
CB-678	6P8-10	6.8	C	2.84	1.62	1.22	.97
CB-618	10-10	10	C	2.84	1.62	1.22	.97
CB-623	15-10	15	C	2.84	1.62	1.22	.97
CB-628	22-10	22	C	2.84	1.62	1.22	.97
CB-633	33-10	33	C	2.84	1.62	1.22	.97
CB-638	47-10	47	F	4.66	2.66	2.00	1.60
CB-643	68-10	68	F	4.66	2.66	2.00	1.60
CB-648	100-10	100	F	4.66	2.66	2.00	1.60
CB-652	150-10	150	G	8.65	4.94	3.71	2.96
CB-655	220-10	220	G	8.65	4.94	3.71	2.96

15 WORKING VOLTS DC

Stock No.	TAS Type	Mfd.	Case Size	1-24	25-49	50-99	100-249
CB-599	P33-15	.33	A	2.68	1.53	1.15	.92
CB-604	P47-15	.47	A	2.68	1.53	1.15	.92
CB-609	P68-15	.68	A	2.68	1.53	1.15	.92
CB-614	1-15	1.0	A	2.68	1.53	1.15	.92
CB-659	1P5-15	1.5	A	2.68	1.53	1.15	.92
CB-664	2P2-15	2.2	A	2.68	1.53	1.15	.92
CB-669	3P3-15	3.3	A	2.68	1.53	1.15	.92
CB-674	4P7-15	4.7	B	2.77	1.58	1.19	.95
CB-679	6P8-15	6.8	C	2.84	1.62	1.22	.97
CB-619	10-15	10	C	2.84	1.62	1.22	.97
CB-624	15-15	15	C	2.84	1.62	1.22	.97
CB-629	22-15	22	C	2.84	1.62	1.22	.97
CB-634	33-15	33	F	4.66	2.66	2.00	1.60
CB-639	47-15	47	F	4.66	2.66	2.00	1.60
CB-644	68-15	68	F	4.66	2.66	2.00	1.60
CB-649	100-15	100	G	8.65	4.94	3.71	2.96
CB-653	150-15	150	G	8.65	4.94	3.71	2.96

25 WORKING VOLTS DC

Stock No.	TAS Type	Mfd.	Case Size	1-24	25-49	50-99	100-249
CB-600	P33-25	.33	A	2.68	1.53	1.15	.92
CB-605	P47-25	.47	A	2.68	1.53	1.15	.92
CB-610	P68-25	.68	A	2.68	1.53	1.15	.92
CB-615	1-25	1.0	A	2.68	1.53	1.15	.92
CB-660	1P5-25	1.5	A	2.68	1.53	1.15	.92
CB-665	2P2-25	2.2	A	2.68	1.53	1.15	.92
CB-670	3P3-25	3.3	B	2.77	1.58	1.19	.95
CB-675	4P7-25	4.7	B	2.77	1.58	1.19	.95
CB-680	6P8-25	6.8	C	2.84	1.62	1.22	.97
CB-620	10-25	10	C	2.84	1.62	1.22	.97
CB-625	15-25	15	C	2.84	1.62	1.22	.97
CB-630	22-25	22	F	4.66	2.66	2.00	1.60
CB-635	33-25	33	F	4.66	2.66	2.00	1.60
CB-640	47-25	47	F	4.66	2.66	2.00	1.60
CB-645	68-25	68	G	8.65	4.94	3.71	2.96
CB-650	100-25	100	G	8.65	4.94	3.71	2.96

35 WORKING VOLTS OC

Stock No.	TAS Type	Mfd.	Case Size	1-24	25-49	50-99	100-249
CB-601	P33-35	.33	A	2.68	1.53	1.15	.92
CB-606	P47-35	.47	A	2.68	1.53	1.15	.92
CB-611	P68-35	.68	A	2.68	1.53	1.15	.92
CB-616	1-35	1.0	A	2.68	1.53	1.15	.92
CB-661	1P5-35	1.5	A	2.68	1.53	1.15	.92
CB-666	2P2-35	2.2	B	2.77	1.58	1.19	.95
CB-671	3P3-35	3.3	B	2.77	1.58	1.19	.95
CB-676	4P7-35	4.7	B	2.77	1.58	1.19	.95
CB-681	6P8-35	6.8	C	2.84	1.62	1.22	.97
CB-621	10-35	10	F	2.84	1.62	1.22	.97
CB-626	15-35	15	F	4.66	2.66	2.00	1.60
CB-631	22-35	22	F	4.66	2.66	2.00	1.60
CB-636	33-35	33	G	8.65	4.94	3.71	2.96
CB-641	47-35	47	G	8.65	4.94	3.71	2.96
CB-646	68-35	68	G	8.65	4.94	3.71	2.96

TYPE TAM

Solid electrolyte, sintered tantalum pellet anode; plastic encapsulated case; Range: 6.8 to 56 mfd. —55° to 85°C. Mounting leads 1/16" square x 1/8" thick.

Stock No.	Type	Mfd.	VWDC
CB-682	TAMP8-25	8	25
CB-683	TAM10-25	10	25
CB-684	TAM15-25	15	25
CB-685	TAM22-15	22	15
CB-686	TAM33-10	33	10
CB-687	TAM39-10	39	10
CB-688	TAM56-6	56	6
1-24, EACH 1.82			25-49, EACH 1.46
50-99, EACH 1.28			100-249, EACH 1.09

M2 HIGH TEMPERATURE CAPACITORS

The M2 is interchangeable with other units now in use, and offers many advantages. FEATURES: Operating temperature — up to 150°C. Smaller body: .287 maximum. Higher operating voltage rating at 125°C. True hermetic seal (glass-to-metal) — no leakage of electrolyte.

Stock	Part No.	Mfd.	VDC Working Voltage
			85° 125° 150°
CB-589	M2-11	11	90 75
CB-590	M2-15	15	95 67
CB-591	M2-20	20	60 50
CB-592	M2-25	25	50 42
CB-593	M2-40	40	30 25
CB-594	M2-70	70	15 13
CB-595	M2-100	100	10 8
CB-596	M2-140	140	6 5
1-24, Ea. 6.76			25-49, Ea. 5.41
50-99, Ea. 4.39			100-249, Ea. 3.89

XT TYPE TANTALUM CAPACITORS

Rugged, hermetically sealed sintered anode electrolytic capacitors. Wide temperature range —55°C to +200°C. Withstand 100 hrs. of 20% salt spray at 95°F without harmful corrosion. Std. case diam. — 7/8". Length ranges from 1/2" to 4 1/4". Can be mounted anywhere. DC voltages are rated at 175°C. For ratings at 85°C, increase VDC ratings at 175°C by 50%. Wt., 4 oz. "S" after "H" or "L" = with screw neck mounting and nut. "A" after number = with cathode tab termination.

Stock No.	Type	Mfd.	WV	Net Each
			DC 1-24	25-49 50-99
CB-525	XTL-120	120	12	8.19 7.64 7.10
CB-511	XTH-240	240	12	9.25 8.64 8.02
CB-513	XTHS-240	240	12	27.56 25.75 23.93
CB-524	XTL-75	75	20	8.19 7.64 7.10
CB-510	XTH-150	150	20	9.25 8.64 8.02
CB-689	XTH-125	125	23	9.25 8.64 8.02
CB-522	XTL-40	40	38	8.19 7.64 7.10
CB-528	XTLS-40	40	38	8.47 7.99 7.45
CB-523	XTL-40A	40	38	8.24 7.69 7.15
CB-509	XTH-80	80	38	9.25 8.64 8.02
CB-521	XTL-25	25	60	8.19 7.64 7.10
CB-508	XTH-50	50	60	9.25 8.64 8.02
CB-520	XTL-12	12	120	12.83 11.97 11.12
CB-527	XTLS-12	12	120	13.18 12.32 11.47
CB-507	XTH-25	25	120	14.75 13.76 12.78
CB-518	XTL-8	8	180	18.15 16.94 15.73
CB-519	XTL-8A	8	180	18.20 16.99 15.78
CB-506	XTH-16	16	180	20.94 19.54 18.15
CB-516	XTL-6	6	240	22.65 21.14 19.63
CB-526	XTLS-6	6	240	23.00 21.49 19.98
CB-517	XTL-6A	6	240	22.70 21.49 19.68
CB-504	XTH-12	12	240	27.21 25.40 23.58
CB-512	XTHS-12	12	240	27.56 25.75 23.93
CB-505	XTH-12A	12	240	27.26 25.45 23.63
CB-558	XTL-5	5	300	28.14 26.26 24.39
CB-503	XTH-10	10	300	33.71 31.46 29.21
CB-515	XTL-4	4	360	34.50 32.20 29.90
CB-501	XTH-8	8	360	40.32 37.63 34.94
CB-502	XTH-8A	8	360	40.37 37.68 34.99
CB-514	XTL-3.5	3.5	420	39.62 36.97 34.33
CB-500	XTH-7	7	420	47.16 44.02 40.87

TYPE XTM MINIATURE CAPACITORS

Miniature version of XTL-XTH series. Temp. range: —55° to 175°C. Doubly sealed for extremely long life. Leads solderable. Dia. — 0.650. Max. Surge voltage is approx. 115% of max. working voltage. Avg. shgp. wt., 4 oz. Length from 1/16" to 1 1/2".

Stock No.	XTM Type	Mfd.	VWDC	Net Each
			85° 125° C 1-24	25-99 50-99
CB-529	40	40	35 30	6.56 6.12 5.68
CB-530	25	25	60 50	6.56 6.12 5.68
CB-531	16	16	90 80	6.56 6.12 5.68
CB-532	8	8	170 160	10.34 9.65 8.96
CB-533	5	5	255 240	13.40 12.50 11.61
CB-534	4	4	340 320	17.03 15.89 14.76

TYPE XTV

The Mallory Type XTV is a sintered anode tantalum capacitor designed for those applications requiring several hundred mfd. One single Mallory XTV capacitor will do the job which formerly required many parallel low capacity foil types. This new capacitor design can operate at extremely high altitudes without danger. Specifications: Case Size: 1 1/4" Diam. Length range 1/2" to 2 1/4". True hermetic glass-to-metal seal. Standard Capacity Tolerance: ±15% to +50%. Temperature range —55°C to 175°C. Polarized, negative case. For cathode lug add A to type No. For cathode stud add W to type No. For screw neck mounting add S after XTV, i.e., XTVS. Avg. shgp. wt., 6 oz.

Stock No.	XTV Type	Mfd.	VWDC at °C	NET EACH
			85° 125° 175°	1-24 25-49
CB-535	1300	1300	30 25 20	54.00 50.40
CB-536	1000	1000	40 35 26	54.00 50.40
CB-537	750	750	60 50 38	54.00 50.40
CB-538				

MALLORY TANTALUM CAPACITORS

TYPE TAP SILVERLYTIC

Double-sealed. Temp. range: -55°C to +85°C. Tol. -15% to +75%. Size: 1/2" Dx 1/2" L. Miniature case, axial leads. Average wt., 2 oz.

Stock No.	TAP Type	Mfd.	WV DC	NET EACH			
				1-24	25-49	50-100-249	
CB-565	90-2	2	90	2.00	1.60	1.40	1.20
CB-566	75-3.5	3.5	75	2.00	1.60	1.40	1.20
CB-567	60-4	4	60	2.00	1.60	1.40	1.20
CB-568	50-5	5	50	2.00	1.60	1.40	1.20
CB-569	40-6	6	40	2.00	1.60	1.40	1.20
CB-570	30-8	8	30	2.00	1.60	1.40	1.20
CB-571	25-10	10	25	2.00	1.60	1.40	1.20
CB-572	20-12	12	20	2.00	1.60	1.40	1.20
CB-573	15-15	15	15	2.00	1.60	1.40	1.20
CB-574	10-20	20	10	2.00	1.60	1.40	1.20
CB-575	6-30	30	6	2.00	1.60	1.40	1.20

TYPE TAP-2

Same as TAP except will pass 2000 cycle 15G MIL-C-3965B vibration requirement. Max. length .660" av. metal case. Avg. shpg. wt., 5 oz.

Stock No.	TAP Type	Mfd.	WV DC	NET EACH			
				1-24	25-49	50-100-249	
CB-576	211-90	90	11	3.75	3.00	2.63	2.25
CB-577	215-75	75	15	3.75	3.00	2.63	2.25
CB-578	220-60	60	20	3.75	3.00	2.63	2.25
CB-579	225-50	50	25	3.75	3.00	2.63	2.25
CB-580	230-40	40	30	3.75	3.00	2.63	2.25
CB-581	240-30	30	40	3.75	3.00	2.63	2.25
CB-582	270-15	15	70	3.75	3.00	2.63	2.25
CB-583	2100-10	10	100	3.75	3.00	2.63	2.25
CB-584	2140-R	6	140	3.75	3.00	2.63	2.25

TYPE HAT

The smallest tantalum sintered pellet anode capacitors made. Designed primarily for hearing aids and other micro-miniature transistor circuitry. Offer low power factor and leakage current of less than 1.0 uA. Leads are welded and positive lead is supported by a plastic end seal. Axial lead terminals. Temperature range: -20°C to 85°C. Size: Length—.210" max., diam. —.075" max. Color coded epoxy resin seal. Avg. shpg. wt., 1 oz.

Stock No.	HAT Type	Mfd.	WV DC	NET EACH			
				1-24	25-49	50-100-249	
CB-760	1-16	1	16	1.02	.90	.79	.675
CB-585	2-8	2	8	1.02	.90	.79	.675
CB-586	4-4	4	4	1.02	.90	.79	.675
CB-587	8-2	8	2	1.02	.90	.79	.675
CB-588	10-1	10	1	1.02	.90	.79	.675

TYPE TNT TANTALUM CAPACITOR

Has sintered pellet anode. Temperature range -55 to +85°C. Miniature case axial leads. .155" Diam. x 1/2" L. Avg. shpg. wt., 2 oz.

Stock No.	TNT Type	Mfd.	WV DC	NET EACH			
				1-24	25-49	50-100-249	
CB-553	8-50	8	50	2.00	1.60	1.40	1.20
CB-554	15-30	15	30	2.00	1.60	1.40	1.20
CB-555	25-15	25	15	2.00	1.60	1.40	1.20
CB-556	50-6	50	6	2.00	1.60	1.40	1.20
CB-557	80-3	80	3	2.00	1.60	1.40	1.20

MALLORY "HC" HIGH CAPACITY DRY ELECTROLYTIC CAPACITORS

High quality, etch-plate electrolytic capacitors supplied in a moisture-resistant plastic case incorporating a newly designed silicone vent for proper venting without loss of electrolytic. Temperature range -40° to +85°C.

No.	HC No.	Mfd.	WVDC	NET EACH				
				1-9	10-24	25-49	50-99	100-249
CB-727	1020A	2000	10	3.36	2.88	1.68	1.30	1.15
CB-728	1040A	4000	10	4.60	3.95	2.30	1.78	1.58
CB-729	1060A*	6000	10	5.20	4.46	2.60	2.00	1.78
CB-730	10100	10000	10	7.81	6.69	3.90	3.01	2.68
CB-731	1520A	2000	15	3.47	2.97	1.73	1.34	1.19
CB-732	1540A	4000	15	5.37	4.61	2.69	2.07	1.84
CB-733	1560A	6000	15	5.62	4.82	2.81	2.17	1.93
CB-734	2050	5000	20	8.00	6.86	4.00	3.09	2.74
CB-735	2060	6000	20	6.11	5.24	3.05	2.36	2.09
CB-736	2060A	6000	20	6.11	5.24	3.05	2.36	2.09
CB-737	2510A	1000	25	3.19	2.73	1.59	1.23	1.09
CB-738	2520A	2000	25	4.15	3.56	2.07	1.60	1.42

*Aluminum can with solder lug terminals

"NP" NON-POLARIZED DRY ELECTROLYTIC CAPACITORS

Same as "HC" except non-polarized. Tolerance -25% 10+-25% (except NP3003 is -15% to +25%).

No.	NP No.	Mfd.	WV DC	NET EACH				
				1-9	10-24	25-49	50-99	100-249
CB-751	1225A	200	125	4.04	3.47	2.02	1.56	1.39
CB-752	1235A	300	125	4.87	4.17	2.43	1.88	1.67
CB-753	1255A	500	125	6.30	5.40	3.15	2.43	2.16
CB-754	3003A	15	300	2.87	2.46	1.44	1.11	.98
CB-755	3008	50	300	5.25	4.50	2.63	2.03	1.80
CB-756	3014A	100	300	6.13	5.25	3.06	2.37	2.10
CB-757	3025	200	300	7.00	6.00	3.50	2.70	2.40
CB-758	4505	50	450	6.30	5.40	3.15	2.43	2.16
CB-759	4510	100	450	7.70	6.60	3.85	2.97	2.64

TANTALUM FOIL CAPACITORS

Plain tantalum foil capacitor. Range .25 to 440 mfd. ±20% tolerance, temperature range -55° to 85°C. Corrosion resistant metal case with axial leads. Capacitors marked * are 1/4" Diam. x 1/4" L, all others are 1/2" Diam. x 1/2" L. For insulating sleeve add 10c each to all quantities.

TAF POLARIZED

Stock No.	TAF Type	Mfd.	WV DC	NET EACH			
				1-24	25-49	50-100-249	
CB-691	P5-150*	.5	150	4.90	2.80	2.10	1.68
CB-692	P8-100*	.8	100	4.90	2.80	2.10	1.68
CB-693	1-75*	1.0	75	4.90	2.80	2.10	1.68
CB-694	1-150	1.0	150	7.42	4.24	3.18	2.55
CB-695	1P2-60*	1.2	60	4.90	2.80	2.10	1.68
CB-696	1P5-50*	1.5	50	4.90	2.80	2.10	1.68
CB-697	2-150	2	150	7.42	4.24	3.18	2.55
CB-698	2P5-30*	2.5	30	4.90	2.80	2.10	1.68
CB-699	3-25*	3.0	25	4.90	2.80	2.10	1.68
CB-700	3-100	3.0	100	7.42	4.24	3.18	2.55
CB-701	4-75	4.0	75	7.42	4.24	3.18	2.55
CB-702	4P5-15*	4.5	15	4.90	2.80	2.10	1.68
CB-703	5-60	5.0	60	7.42	4.24	3.18	2.55
CB-704	6-10*	6.0	10	4.90	2.80	2.10	1.68
CB-705	6-50	6.0	50	7.42	4.24	3.18	2.55
CB-706	8-6*	8.0	6	4.90	2.80	2.10	1.68
CB-707	10-3*	10	3	4.90	2.80	2.10	1.68
CB-708	10-30	10	30	7.42	4.24	3.18	2.55
CB-709	12-25	12	25	7.42	4.24	3.18	2.55
CB-710	18-15	18	15	7.42	4.24	3.18	2.55
CB-711	25-10	25	10	7.42	4.24	3.18	2.55
CB-712	30-6	30	6	7.42	4.24	3.18	2.55
CB-713	35-6	35	6	7.42	4.24	3.18	2.55
CB-714	50-3	50	3	7.42	4.24	3.18	2.55

TAFN NON-POLARIZED

Stock No.	TAFN Type	Mfd.	WV DC	Net Each			
				1-24	25-49	50-99	100-249
CB-715	2-75	2.0	75	7.42	4.24	3.18	2.55
CB-716	2P5-15*	2.5	15	4.90	2.80	2.10	1.68
CB-717	2P5-60	2.5	60	7.42	4.24	3.18	2.55
CB-718	3-10*	3.0	10	4.90	2.80	2.10	1.68
CB-719	3-50	3.0	50	7.42	4.24	3.18	2.55
CB-720	P5-75*	.5	75	4.90	2.80	2.10	1.68
CB-721	5-6*	5.0	6	4.90	2.80	2.10	1.68
CB-722	P6-60*	.6	60	4.90	2.80	2.10	1.68
CB-723	P8-50*	.8	50	4.90	2.80	2.10	1.68
CB-724	10-15	10	15	7.42	4.24	3.18	2.55
CB-725	16-10	16	10	7.42	4.24	3.18	2.55
CB-726	25-6	25	6	7.42	4.24	3.18	2.55

TYPE STNT TANTALUM CAPACITOR

Subminiature case, axial leads. Temperature range -55 to +85°C. .155" Diam. x .350" L. Avg. shpg. wt., 2 oz.

Stock No.	STNT Type	Mfd.	WV DC	NET EACH			
				1-24	25-49	50-99	100-249
CB-554	40-3	40	3	1.87	1.50	1.32	1.13
CB-560	25-6	25	6	1.87	1.50	1.32	1.13
CB-561	12-15	12	15	1.87	1.50	1.32	1.13
CB-562	6-35	6	35	1.87	1.50	1.32	1.13
CB-563	4-50	4	50	1.87	1.50	1.32	1.13
CB-564	2-50	2	50	1.87	1.50	1.32	1.13

AEROVOX METALIZED PAPER CAPACITORS

TYPE P123ZG

METALIZED CAPACITORS

Ultra-compact and lightweight, these paper capacitors are hermetically sealed in metal cans for maximum service period. Temperature Range, -55° to +70°C, at full voltage rating; standard tolerance ±20%. Av. shpg. wt., 2 oz. Dim.—Dimensions: A=1/4"x1/4"; B=1/4"x1/4"; C=1/4"x1/4"; D=1/4"x1/4"; E=1/4"x1/4"; F=1/4"x1/4"; G=1/4"x1/4"; H=1/4"x1/4"; I=1/4"x1/4"; J=1/4"x1/4"; K=1/4"x1/4"; L=1/4"x1/4"; M=1/4"x1/4"; N=1/4"x1/4"; O=1/4"x1/4"; P=1/4"x1/4"; Q=1/4"x1/4"; R=1/4"x1/4".

P123ZG 200 VOLTS

NET				NET			
Stock No.	Mfd. Dim.	25-49	Stock No.	Mfd. Dim.	25-49		
CG-200.001	A	.95 .44	CG-208.10	C	1.11 .51		
CG-201.002	A	.95 .44	CG-209.22	D	1.13 .52		
CG-202.003	A	.97 .45	CG-210.25	D	1.24 .57		
CG-203.005	A	.97 .45	CG-211.47	E	1.33 .61		
CG-204.01	A	.99 .46	CG-212.68	F	1.40 .85		
CG-205.047	B	1.05 .48	CG-213.10	G	1.54 .71		
CG-206.050	B	1.05 .48	CG-214.20	H	2.33 1.07		
CG-207.068	C	1.08 .50					

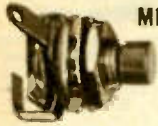
P123ZG 400 VOLTS

NET				NET			
Stock No.	Mfd. Dim.	25-49	Stock No.	Mfd. Dim.	25-49		
CG-215.0005	A	.99 .46	CG-225.068	M	1.16 .53		
CG-216.001	A	.99 .46	CG-226.10	M	1.18 .54		
CG-217.002	A	.99 .46	CG-227.15	N	1.25 .57		
CG-218.003	I	1.02 .47	CG-228.22	F	1.26 .58		
CG-219.02	J	1.05 .48	CG-229.25	F	1.43 .66		
CG-220.022	K	1.06 .49	CG-230.33	G	1.43 .66		
CG-221.033	K	1.06 .49	CG-231.47	H	1.56 .72		
CG-222.040	K	1.06 .49	CG-232.68	R	1.78 .79		
CG-223.047	L	1.06 .49	CG-233.10	O	1.92 .88		
CG-224.050	L	1.06 .49					

P123ZG 600 VOLTS

NET				NET			
Stock No.	Mfd. Dim.	25-49	Stock No.	Mfd. Dim.	25-49		
CG-234.01	C	1.08 .49	CG-237.25	P	1.53 .70		
CG-235.02	C	1.09 .49	CG-238.50	R	1.85 .83		
CG-236.10	N	1.23 .57	CG-239.10	Q	2.10 .98		

SAVE MORE THAN 50% ON Lafayette SWITCH VALUES!



MINIATURE PUSH BUTTON SWITCH
19¢

Momentary contact push button switch ideal for all miniaturized applications. Single pole two circuit push-to-make type. Beryllium copper leaf contacts. Overall diameter $\frac{1}{2}$ ", overall depth $\frac{1}{4}$ ", protrudes $\frac{3}{8}$ " behind panel. Bushing $\frac{1}{4}$ " dia., $\frac{3}{8}$ " long. Supplied with washer and mounting nut. Shpg. wt., 3 oz.
MS-449 Miniature Push Button Switch 19

SUB MINIATURE PUSH BUTTON SWITCH

18¢ ea. in lots of 10



• INDUSTRIAL SPECIAL

Momentary contact push button switch. SPST, non-snap action. Rated 115 V.A.C. at 100 ma. Overall dimensions $\frac{3}{8} \times \frac{3}{4}$ " L. Bushing $\frac{1}{4}$ " long. Shpg. wt., 1 oz.
SW-70 Net. ea. 20; in lots of 10, ea. 18



HEAVY DUTY 6 AMP DPOT CENTER OFF TOGGLE SWITCH
LAFAYETTE SPECIAL .49

Heavy-duty double-pole double-throw for control of lighting circuits, high power p.a. horns, electrical appliances and motors. Rated at 6 amps 125 volts AC or 3 amps 250 v. AC. Metal on-off indicator plate and mounting nuts. Switch body $1\frac{1}{2} \times \frac{3}{4} \times 1$ " behind panel, including terminals. $\frac{3}{8}$ " bushing, $\frac{3}{8}$ " diam. $\frac{3}{8}$ " bat handle. Shpg. wt., 8 oz.
SW-19 Net .49 in lots of 10. Ea. .45



SUBMINIATURE ROTARY SWITCH
59¢

• $\frac{9}{16}$ " Diam. x $1\frac{1}{2}$ " long.

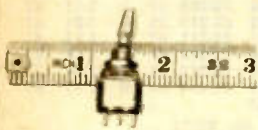
High quality 1 gang, 2 pole, 5 position, non-shorting rotary switch. Ideal for construction of transistorized equipment. Current capacity 1 amp per pole at 10V DC or .1 at 220V AC. High insulation of 100 meg at 500V DC between terminals. Moisture resistant. Dia. $\frac{3}{8} \times 1\frac{1}{4}$ " long overall. $\frac{3}{8}$ " L bushing, $\frac{1}{2}$ " L knurled shaft. Shpg. wt., 3 oz.
SW-78 Net ea. .59
Lots of 10, ea. .53
Lots of 100, ea. .48

HEAVY DUTY 10 AMP DPDT MOTOR SWITCH
79¢



• MOLDED PHENOLIC CASE
• METAL FACE PLATE

Workmanship on this switch is of the best quality. Terminals are oversize, flow-free solder type which makes for neat, no-arc connections. Rated 10 Amps at 125 Volts, contacts easily take the current surges of motor starting. Size $1\frac{3}{4} \times \frac{7}{8} \times 1\frac{1}{2}$ ". Bushing $\frac{3}{8}$ " dia., $\frac{3}{8}$ " long, bat handle $\frac{3}{4}$ " long. Shpg. wt., 6 oz.
SW-26 DPDT Toggle Switch Net .79
in lots of 10, Each. .75



SUBMINIATURE 10 AMP DPOT TOGGLE SWITCH
1.49

Industrial quality DPDT rated 10 amps at 115v AC with a life rating of 100,000 cycles. Truly subminiature. Body size only $\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ ", bushing $\frac{3}{8}$ " L handle $\frac{3}{4}$ ". Handle has removable insulator. Complete with mtg. hardware. Shpg. wt., 1 oz.
SW-76 Net ea. 1.49
Lots of 10, ea. 1.35
Lots of 100, ea. 1.19



HEAVY DUTY 6 AMP DPDT SWITCH
32¢

A TERRIFIC BUY!

Heavy duty bat handle toggle switch in enclosed bakelite case — ideal for hundreds of applications. Rated 250V-3 amps or 125V-6 amps. Six solder lug terminals. Comes with chrome metal on-off indicator plate and mounting nuts. Switch body $1\frac{1}{2} \times \frac{3}{4} \times \frac{7}{8}$ " behind panel, including terminals. Bushing $\frac{1}{2}$ " dia., $\frac{3}{8}$ " long. Bat handle $\frac{1}{2}$ " long. Shpg. wt., 6 oz.
SW-22 DPDT Toggle Switch Net .32
in lots of 10, Each .29



EXPERIMENTERS SPECIAL SWITCH

69¢

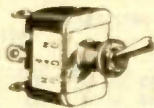
• 2 gang—3 position—6 pole! • Stereo Circuit!
New 2 gang (shielded), 3 position, 6 pole (3 stereo) rotary switch. Unlimited audio-stereo-experimenter applications. Exceptionally rugged construction. Silver contacts. Positive action. Shaft is $1\frac{1}{4} \times 1\frac{1}{8}$ ". Shield between gangs. Shpg. wt., 2 ozs.
SW-72 Net .69



SINGLE POLE SINGLE THROW TOGGLE SWITCH
22¢

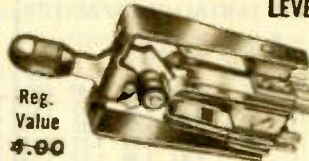
• BALL HANDLE
Ball handle S.P.S.T. toggle switch in molded bakelite case. Rated 3A-125 Volts. Supplied with chrome metal on-off indicator plate and two mounting nuts. Body size $1\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2}$ " behind panel. Bushing $\frac{3}{8}$ " diam., $\frac{3}{4}$ " long. Ball handle $\frac{1}{2}$ " long. Shpg. wt., 4 oz.
SW-21 SPST Toggle Switch Net .22
in lots of 10, Each. 19

HEAVY DUTY 10 AMP SPOT CENTER OFF TOGGLE
39¢



This heavy duty switch is ideal for small size equipment. Heavy silvered lugs for low-loss connections. Rated 10 amps at 125 volts. Body size $1\frac{1}{4} \times \frac{3}{4} \times \frac{3}{4}$ " depth behind-panel. Bushing $\frac{3}{8}$ " dia., $\frac{3}{8}$ " long. Bat handle $\frac{1}{2}$ " long. Shpg. wt., 4 oz.
SW-27 SPDT Toggle Switch Net .39
in lots of 10, Each .35

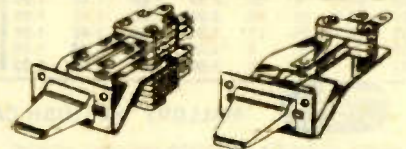
NEW! RUGGED TELEPHONE TYPE 4POT LEVER SWITCH



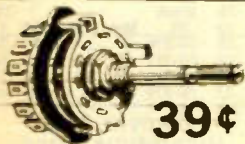
ANOTHER LAFAYETTE BUY!
69¢

Reg. Value 4.00
Small 3-position lever action telephone type switch of rugged non-inductive construction, perfect for large intercom switching panels, test equipment, model railroads, communication systems, etc. Has 4 sets of single-pole, double-throw contacts. Chrome-plated actuating cam has 3 locking positions. Heavy insulated rollers at end of cam actuate switch contacts. Mounts to panel with 2 screws (furnished), $\frac{1}{8}$ " mounting centers. Shpg. wt., 6 oz.
SW-20 3-Position Telephone Type Switch Net .69
Lots of 10, ea. .65

RUGGED LEVER SWITCHES FOR AUDIO APPLICATIONS AND INTERCOMS



4PDT lever action switch has 4 sets of single-pole, double-throw contacts. Switch has three positions with positive and spring returns. Front panel mounting is especially suited for audio applications and intercoms. Mounts to panel with 2 screws, mounting centers 1" apart. Size $2\frac{1}{4}$ " long behind panel, $1\frac{1}{2}$ " wide, 1" high. Shpg. wt., 4 ozs.
SW-68 4PDT Lever Switch Net .95
SPST lever action switch similar to SW-68 above. Has 2 positions with spring return. Size $1\frac{3}{4}$ " long behind panel, $\frac{3}{8}$ " high. Shpg. wt., 4 ozs.
SW-69 SPST Lever Switch Net .39



4PDT ROTARY SWITCHES
39¢

New three-position rotary selector switch can be used in hi-fi preamps and stereo applications. $\frac{1}{4}$ " diameter, and $1\frac{1}{2}$ " shaft length. Quality construction with positive action. Shpg. wt., 6 oz.
SW-30 Net .39

4 POSITION SLIDE SWITCH
29¢

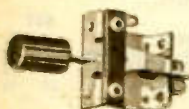


Compact, rugged 4 position 2 pole slide switch. Positive snap action. Silvered contacts. Cadmium plated steel housing. Measures $1\frac{7}{8} \times \frac{7}{8} \times \frac{1}{2}$ " overall. Mtg. centers $1\frac{1}{4}$ ". Mtg. holes tapped for 4/40 screw. Shpg. wt., 2 ozs.
SW-74 Net .29



MIDGET-BAKELITE KNIFE SWITCHES

Compact switches mounted on black bakelite base with insulated knob handle of black bakelite. Plated brass contacts provide positive low-resistance connection.



PUSH BUTTON LOCKING SWITCH
72¢

Positive action single pole single throw push button switch. Normally open push-on, push-off. Rated 10 amps at 115V. Overall size $2\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ " O shaft and knob extend $1\frac{1}{4}$ ". Shpg. wt., 3 oz.
SW-77 Net ea. .72

SLIDE SWITCHES AT LOW PRICES!

Compact slide switches in cadmium steel housings. All rated 125 v. AC. $1\frac{1}{2}$ " mtg. ctrs. 4 oz.



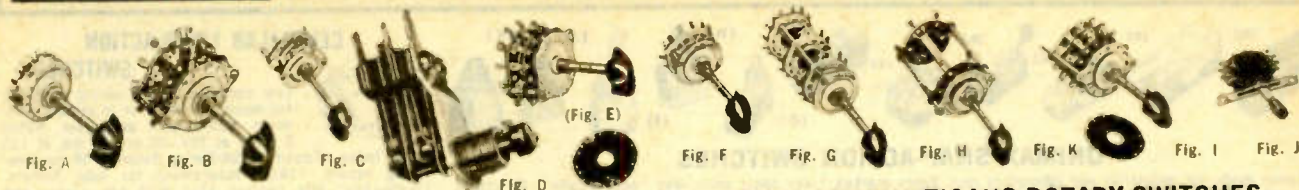
No.	Circuit	Ea.	Lots 10 Ea.
SW-14	SPST	.09	.08
SW-15	SPDT	.10	.09
SW-16	DPST	.20	.18
SW-17	DPDT	.22	.20

Lots of 10 ea. Net. .69
Lots of 100 ea. Net. .59

SPDT KNIFE SWITCH
Overall size $1\frac{1}{2} \times 2\frac{3}{8}$ ". Shpg. wt., 6 oz.
SW-23 Net .12 ea. — 10 for .99

DPDT KNIFE SWITCH
Overall size $1\frac{3}{8} \times 2\frac{3}{8}$ ". Shpg. wt., 4 oz.
SW-24 Net .19 ea. — 10 for 1.75

MALLORY ROTARY, INDUSTRIAL AND HAM SWITCHES



MALLORY SINGLE GANG ROTARY SWITCHES

(Fig. A) Single gang, phenolic wafer. 1 1/4" diameter and 30° indexing except * are 1 1/4" and have 20° indexing and adjustable stop. Voltage breakdown 500 v AC or DC. 2" notched shaft with 3/8" threaded bushing, 3/8" long. With bar knob, nut and lockwasher. Shpg. wt., 4 oz.

Shorting Type		Non-Shorting		Posi- tions	1-4	5-9	10-24	25-49	50-99	249	
Stock No.	Mfg. No.	Stock No.	Mfg. No.								
SW-351	31151	SW-362	32151	1	5	.99	.84	.76	.72	.67	.60
SW-350	31112J	SW-363	32112J	1	12	.99	.84	.76	.72	.67	.60
SW-353	3122J	SW-365	3222J	2	2	.99	.84	.76	.72	.67	.60
SW-354	3123J	SW-366	3223J	2	3	.99	.84	.76	.72	.67	.60
SW-355	3126J	SW-367	3226J	2	6	.99	.87	.78	.74	.70	.63
SW-357	3134J	SW-369	3234J	3	4	1.02	.87	.78	.74	.70	.63
SW-358	3142J	SW-371	3242J	4	2	1.02	.87	.78	.74	.70	.63
SW-359	3143J	SW-372	3243J	4	3	1.02	.87	.78	.74	.70	.63
SW-352	31117J*	SW-364	32117J*	1	2 to 17	1.52	1.29	1.16	1.10	1.03	.93
SW-356	3129J*	SW-368	3229J*	2	2 to 9	1.53	1.29	1.16	1.10	1.03	.93
SW-360	3136J*	SW-370	3236J*	3	2 to 6	1.63	1.38	1.24	1.18	1.10	.99
SW-361	3163J*	SW-373	3263J*	6	2 to 3	1.63	1.38	1.24	1.18	1.10	.99

MALLORY MULTIGANG ROTARY SWITCHES

(Fig. B) Phenolic wafers. 1/2" spacing between gangs except 3 and 4 gang is 1". Indexing is 30°. Have 1 fixed and 1 adjustable stop. Voltage breakdown 1000V AC or DC. Contacting members silver coated. 2" notched shaft requires 3/8" mfg. hole. Types with * have additional off position with all circuits open. With bar knob, nut and lock washer. Avg. shpg. wt., 8 oz.

Shorting Type Stock No.	Mfg. No.	Non-Shorting Type Stock No.	Mfg. No.	Gang	Pos. Poles	1-4 Each	5-9 Each	10-24 Each	25-49 Each	50-99 Each	100- 249 Each	
												SW-275
SW-278	1215L*	SW-294	1315L*	1	2	5	2.05	1.74	1.57	1.49	1.39	1.25
SW-277	1213L*	SW-293	1313L*	1	3	3	2.05	1.74	1.57	1.49	1.39	1.25
SW-276	1212L*	SW-292	1312L*	1	4	2	2.05	1.74	1.57	1.49	1.39	1.25
SW-279	1221L	SW-295	1321L	2	2	11	2.54	2.16	1.94	1.84	1.73	1.56
SW-282	1225L*	SW-298	1325L*	2	4	5	2.54	2.16	1.94	1.84	1.73	1.56
SW-281	1223L*	SW-297	1323L*	2	6	3	2.54	2.16	1.94	1.84	1.73	1.56
SW-280	1222L*	SW-296	1322L*	2	8	2	2.54	2.16	1.94	1.84	1.73	1.56
SW-283	1231L	SW-299	1331L	3	3	11	3.18	2.70	2.43	2.31	2.16	1.94
SW-284	1235L*	SW-300	1335L*	3	6	5	3.18	2.70	2.43	2.31	2.16	1.94
SW-285	1241L	SW-301	1341L	4	4	11	3.74	3.18	2.86	2.72	2.54	2.29
SW-286	1245L*	SW-302	1345L*	4	8	5	3.74	3.18	2.86	2.72	2.54	2.29
SW-287	1251L	SW-303	1351L	5	5	11	4.02	3.42	3.01	2.86	2.74	2.47
SW-288	1256L	SW-304	1356L	5	10	6	4.45	3.78	3.40	3.23	3.02	2.72
SW-289	1261L	SW-305	1361L	6	6	11	4.72	4.02	3.62	3.44	3.22	2.90
SW-290	1266L	SW-306	1366L	6	12	6	5.40	4.59	4.13	3.92	3.67	3.30

CERAMIC SELECTOR SWITCHES

(Fig. C) Ideal for RF circuits. All non-shorting. Ceramic insulation, silver plated contacts. 1/2" spacing between gangs except 1" on 3 gang. Voltage breakdown 500V AC or DC. Max. non-breaking resistive load is 10 amps. 1" mtg. radius. Notched shaft 2 1/4" diameter with 3/8" x 3/8" bushing. Adjustable stop. Type with * have added "OFF" position preceding others. With knob, nut and lockwasher. Shpg. wt., 8 oz.

SINGLE GANG		Poses per Gang	1-4	5-9	10-24	25-49	50-99	249	
Stock No.	Mfg. No.								
SW-374	172C	1	11	2.33	1.98	1.78	1.69	1.58	1.43
SW-375	173C*	2	5	2.33	1.98	1.78	1.69	1.58	1.43
SW-376	174C*	3	3	2.33	1.98	1.78	1.69	1.58	1.43
TWO GANG		Poses per Gang	1-4	5-9	10-24	25-49	50-99	249	
Stock No.	Mfg. No.								
SW-377	176C	1	11	3.31	2.82	2.54	2.41	2.26	2.03
SW-378	177C*	2	5	3.31	2.82	2.54	2.41	2.26	2.03
SW-379	178C*	3	3	3.31	2.82	2.54	2.41	2.26	2.03
THREE GANG		Poses per Gang	1-4	5-9	10-24	25-49	50-99	249	
Stock No.	Mfg. No.								
SW-380	180C	1	11	4.23	3.60	3.24	3.08	2.88	2.59
SW-381	181C*	2	5	4.23	3.60	3.24	3.08	2.88	2.59

MINIATURE PUSH-BUTTON SWITCHES

(Fig. D) Non-locking type, contact made only when depressed. Silver contacts, cadmium plated frame. Mount in 3/8" hole on up to 1/4" panels. Mtg. radius 1 1/2". Mtg. depth 3/8" min. to 7/8" max. Circuit codes: M=make, B=break, MBB=make before break. Voltage breakdown 500 V DC. With hardware. Shpg. wt., 3 oz.

Stock No.	Mfr. Type	Circuit	1-4	5-9	10-24	25-49	50-99	249
SW-382	1011	SPST-M	.67	.57	.51	.48	.46	.41
SW-383	1012	SPST-B	.67	.57	.51	.48	.46	.41
SW-384	1013	SPDT	.77	.66	.59	.56	.53	.48
SW-385	1014	DPST-M2	.84	.72	.65	.62	.58	.52
SW-386	1015	DPST-B2	.84	.72	.65	.62	.58	.52
SW-387	1016	DPDT	1.02	.87	.78	.74	.70	.63
SW-388	1017	DP-M2B1	1.02	.87	.78	.74	.70	.63
SW-389	1018	DPDT-MBB1	1.42	1.20	1.08	1.03	.96	.86

24 POSITION TAP SWITCH

(Fig. E) Single circuit 24 positions. Continuous rotation with no stops. 15° spacing between positions. Non-shorting. 2" notched shaft. 3/8" x 3/8" bushing. 2 phenolic sections. Voltage breakdown 1000V AC-DC. With knob, hardware and dial plate. Shpg. wt., 6 oz.

Stock No.	Mfr. Type	1-4	5-9	10-24	25-49	50-99	249
SW-390	13124L	2.71	2.31	2.08	1.98	1.85	1.67

DECADE SWITCHES

(Fig. F) Type 153L capacitor switch and 154L resistor switch for simple construction of decade boxes. Phenolic insulation. The number of positions is adjustable for use as a single decade or with more switches as a multiple decade. Requires only 4 capacitors or resistors for full decade operation. Depth behind panel is 1", or lateral space 2". Voltage breakdown rating 500V DC or AC. Shaft 2" long x 1/4" diameter. With knob and hardware. Shpg. wt., 8 oz.

Stock No.	Type	1-4	5-9	10-24	25-49	50-99	249
SW-393	153L	2.65	2.25	2.03	1.93	1.80	1.62
SW-394	154L	2.89	2.46	2.21	2.10	1.97	1.77

CERAMIC "HAMBAND" SWITCHES

(Fig. G) cell are non-shorting with continuous rotation and 90° indexing. Rated 1000VDC and 100 Watts. 2 1/4" notched shaft with 3/8" x 3/8" bushing 2 gang have 1 1/2" spacing between other 1". Mtg. radius 1". With knob, nut and lock washer. Avg. shpg. wt., 8 oz.

Stock No.	Mfg. No.	Total	1-4	5-9	24	49	99	249	
									Each
SW-397	161C	1	1	2.12	1.80	1.62	1.54	1.44	1.30
SW-398	162C	2	2	3.00	2.55	2.30	2.19	2.04	1.84
SW-399	163C	3	3	3.88	3.30	2.97	2.82	2.64	2.38
SW-400	164C	4	4	4.76	4.05	3.65	3.47	3.24	2.92
SW-401	165C	5	5	5.64	4.80	4.32	4.10	3.84	3.46

Mallory 488 dial plate per above. Shpg. wt., 2 oz. Net .12

TYPE 151L "HAMSWITCH"

(Fig. H) Non shorting, 2 section 5 position, 1 pole per section, 2 1/2" between sections, 60° indexing with adjustable stops. Ideal for switching up to 5 transmitter circuits to a single meter. Rated 1000VAC on 1500 DC. Mtg. depth 3 1/2" x 2 1/4" diameter notched shaft, 3/8" x 3/8" bushing with knob and hardware. Shpg. wt., 6 oz.

Stock No.	Type	1-4	5-9	10-24	25-49	50-99	249
SW391	151L	2.65	2.25	2.03	1.93	1.80	1.62

SW-395 Type 487 Dial plate per above Net .12

CIRCUIT OPENING SWITCH

(Fig. I) For meter switching or opening of multiple circuits for insertion of one while maintaining others. Phenolic insulation, 2 to 11 position adjustable stop 2" grooved shaft 3/8" x 3/8" bushing. Indexing 30°. Max. volt 500 DC. Mtg. depth behind panel 2 1/4". Max. non-bushing current resistive load, 10 amp. With knob, hardware and dial plate. Shpg. wt., 6 oz.

Stock No.	Type	1-4	5-9	10-24	25-49	50-99	249
SW-396	1400L	4.59	3.90	3.51	3.33	3.12	2.81

LEVER ACTION SWITCHES

(Fig. J) Positive action, phenolic sections. 6000 series have mtg. brackets with round holes 1 1/2" apart; 5000 series have elongated holes in bracket with 2 1/2" centers. Voltage rating 500 VAC-DC. Max. non-breaking current resistive load, 5 amp. at 6 VAC. 20° indexing with knob and hardware. Shpg. wt., 4 oz.

Stock No.	Mfg. No.	Pos. per Pole	1-4	5-9	10-25	50-100	249		
								Ea.	Ea.
SW-402	5124	2	4	1.34	1.14	1.03	.98	.91	.82
SW-403	6142	2	2	1.17	.99	.89	.85	.79	.71
SW-404	6143	4	3	1.17	.99	.89	.85	.79	.71
Non-Shorting		Pos. per Pole	1-4	5-9	10-25	50-100	249		
Stock No.	Mfg. No.								
SW-405	5224	2	4	1.34	1.14	1.03	.98	.91	.82
SW-406	6242	2	2	1.17	.99	.89	.85	.79	.71
SW-407	6243	4	3	1.17	.99	.89	.85	.79	.71

MALLORY DIAL PLATES

(Fig. K) Etched aluminum on black background. Use 30° spacing plates for all Mallory 1200 L and 1300 L series switches and for 1 1/2" base. 3100 J and 3200 J series. 20° spacing for 1 1/4" base switches in latter series. 1 1/4" diam., 3/8" hole. Shpg. wt., 2 oz.

30° SPACING FOR 1 1/4" BASE SWITCHES

Stock No.	Mfg. No.	Marking	Stock No.	Mfg. No.	Marking
SW-308	373	1 to 3	SW-317	382	1 to 12
SW-309	374	1 to 4	SW-318	383	Off 1 to 13
SW-310	375	1 to 5	SW-319	384	Off 1 to 4
SW-311	376	1 to 6	SW-320	385	Off 1 to 5
SW-312	377	1 to 7	SW-321	386	Off 1 to 6
SW-313	378	1 to 8	SW-322	387	Off 1 to 7
SW-314	379	1 to 9	SW-323	388	Off 1 to 8
SW-315	380	1 to 10	SW-324	389	Off 1 to 9
			SW-325	390	Off 1 to 10

Any type above .12

20° SPACING FOR 1 1/2" BASE SWITCHES

Stock No.	Mfg. No.	Marking
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INDUSTRIAL AND SPECIALTY SWITCHES



UNIMAX SNAP-ACTION SWITCHES

Precision made for industrial and laboratory use. Types marked * are basic units less "adaptaplate". All others have actuators attached to stainless steel "adaptaplate". Rated 15 amp, 125 volt, 5 amp. 250V volt, 60 cycle non-inductive AC. Type 2HBDX-1 has DPST action. All others SPDT. Avg. shpg. wt., 3 oz. Size (1) 2 1/2 x 1 3/8 x 1 1/4" (2) 1 3/4 x 3/8 x 1 1/4" (3) 2 3/8 x 1 3/8 x 1 1/4" (4) 2 3/8 x 1 1/2 x 1 1/4" (5) 2 3/8 x 1 3/8 x 1 1/2"

Stock No.	Unimax Type	Fig.	Actuator and Operating Force	Micro Equiv.	Over-all Size	Net Each In Lots Of					
						1	10	20	100	200	
SW-45*	2HB-1	A	Basic Pin Type 9-13 oz.	BZ-2R	2	1.47	1.35	1.20	1.05	.98	.95
SW-46	2HBL-1	B	Leaf Spring Type 2-5 oz.	BZ-2RL	2	1.62	1.48	1.31	1.16	1.07	1.04
SW-47	2HBF-1	C	Roller Type Max. 10 oz.	BZ-2RM22	2	2.35	2.16	1.92	1.68	1.56	1.51
SW-48	2HBW-1	D	Leaf Spring Roller 2-5 oz.	BZ-2RL2	1	2.11	1.93	1.71	1.51	1.40	1.35
SW-49*	2HBT-1	E	Leaf Spring Hinged 1/2-1 1/4 oz.	BZ-2RW	2	1.86	1.71	1.52	1.33	1.24	1.20
SW-50	2HBY-1	B	Hinged Max. 10 oz.		2	1.86	1.71	1.52	1.33	1.24	1.20
SW-51*	2HBA-1	D	Leaf Spring Roller 1/2-1 1/4 oz.	BZ-2RW2	3	2.35	2.16	1.92	1.68	1.56	1.51
SW-52	2HBM-1	F	Safety Interlock 4-7 oz.		4	2.69	2.47	2.20	1.93	1.79	1.73
SW-53	2HBDTX-1	E	Dual Switch 1-2 oz.		4	4.85	4.45	3.96	3.47	3.22	3.12
SW-54	2HBQ-1	G	Plunger Small 6-10 oz.	BZ-2RS	5	1.81	1.66	1.47	1.30	1.20	1.17
SW-55	2HBJ-1	G	Plunger Large 6-10 oz.	BZ-2RQ1	1	3.38	3.10	2.75	2.42	2.23	2.17

MIL-TYPE SUBMINIATURE SWITCHES

TYPE USMS. Used as basic switch in all units listed below. Can be used at temperatures up to 275°F. Meets MIL-S-6743 and military drawing MS-25085-1. All USM Units. 1 3/8 x 7/8 x 1 1/4". Avg. shpg. wt., 3 oz.

Stock No.	Unimax Type	Fig.	Actuator and Operating Force	Micro Equiv.	Net Each In Lots Of						
					1	10	20	100	200		
SW-57	USMS5	A	Basic Pin Type 5 oz. Max.	1SM1	1	1.42	1.30	1.15	1.02	.94	.91
SW-58	USMSL	B	Leaf Spring Type 6 oz. Max.		1	1.57	1.44	1.28	1.12	1.04	1.01
SW-59	USMSW	C	Nylon Roller Type 6 oz. Max.		1	1.91	1.75	1.56	1.37	1.27	1.23

SUBMINIATURE WITH TOGGLE SWITCH ACTUATORS

TYPE 1SB1-1. 2-Position Single Roll Maintained Incorporates USM5 Switch. Keying tab. Size 1 1/2 x 3/4".
 TYPE 1SB5-1. Same as 1SB1-1 except assembled in corrosion-resistant steel bushing for panel mounting. Designed to meet MIL-S-3950. Size 1 3/4 x 3/4".
 TYPE 2SB5-1. Same as 1SB5-1 except incorporates 2 USMS Basic Switches. Size 1 3/4 x 1 1/4". Avg. shpg. wt., 5 oz.

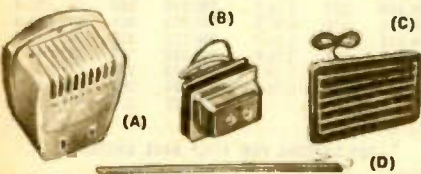
Stock No.	Unimax Type	Fig.	Size	Micro Equiv.	Net Each In Lots Of					
					1	10	20	50	100	200
SW-60	1SB1-1	H	1 1/2 x 3/4"	6AT2	3.68	3.37	3.00	2.63	2.44	2.36
SW-61	1SB5-1	I	1 3/4 x 3/4"	6AT6	5.24	4.81	4.28	3.75	3.48	3.37
SW-62	2SB5-1	I	1 3/4 x 1 1/4"	6AT7	6.37	5.85	5.20	4.55	4.23	4.10

SUBMINIATURE WITH PUSH BUTTON ACTUATORS

TYPE 1SJ1-1 Incorporates USM5 switch assembled with an overtravel plunger, with provisions for panel mounting. Flexible insulator barriers on both sides of the switch. Has keying tab. Size 1 3/4 x 3/4".
 TYPE 2SJ3-1. Same as 1SJ1-1 except incorporates 2-USM5 switches for DPDT action, with push button actuator. Type 1 3/4 x 3/4".
 TYPE 2SJ4-1. Same as 2SJ3-1 except with black anodized aluminum push button actuator. Has more overtravel than 2SJ3-1. Size 1 3/4 x 3/4". Avg. shpg. wt., 5 oz.

Stock No.	Unimax Type	Fig.	Operating Force	Micro Equiv.	Net Each In Lots Of					
					1	10	20	50	100	200
SW-63	1SJ1-1	J	12 oz. Max.	1PB	4.46	4.09	3.64	3.19	2.96	2.87
SW-64	2SJ3-1	K	1-5 lbs. approx. Same as 2SJ3-1 except red button	2PB7	4.16	3.82	3.40	2.98	2.76	2.68
SW-65	2SJ3-2		1-5 lbs. approx. Same as 2SJ3-1 except red button		4.21	3.87	3.44	3.01	2.80	2.71
SW-66	2SJ4-1	K	1-5 lbs. approx. Same as 2SJ4-1 except red button		4.70	4.32	3.84	3.36	3.12	3.02
SW-67	2SJ4-2		1-5 lbs. approx. Same as 2SJ4-1 except red button		4.75	4.36	3.88	3.40	3.15	3.06

"TAPESWITCH" MATS AND STRIPS



Tapeswitch mats close an electrical circuit whenever anyone — EVEN A SMALL CHILD — steps on them. Actuated by less than 5 lbs. weight! Ideal as door mat annunciators in stores, offices, etc.; used to control automatic door openers in food and department stores; can be used to turn on lights, ring bells, actuate electric counters, etc. Perfect for alarm systems in homes, stores, and industry. These units are only 3/8" thick, can be placed under rugs without bulging. Durable brown, textured Vinyl with 6 ft. connecting cord.
 SW-28 (Fig. C) Lots of 6, ea. 7.50 Singly ea. 8.33
 6x24" mat for use on stairs
 SW-29 Lots of 6, ea. 2.65 Singly ea. 2.94
 TAPESWITCH STRIPS (Fig. D) with 4' connecting cord.
 SW-31 3/4"x2" Lots of 6, ea. 2.48 Singly ea. 2.75
 SW-32 3/4"x5" Lots of 6, ea. 4.28 Singly ea. 4.75

ACCESSORIES

EL-52 10 volt transformer (Fig. B) for bell or chime Net 1.70
 EL-53 Single note chime (Fig. A) Net 1.95

DELAYED ACTION SWITCHES

FOR HOME AND CAR



FOR YOUR SAFETY

- Keeps lights on for 60 seconds after turning off switch

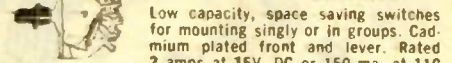
For the car. Keeps car lights on for 60 seconds while you walk to house then turns them off automatically. Easy to install in any 6 or 12 volt car. 3/4 x 1 1/4" diam. Shpg. wt., 6 ozs.

SW-25 (Fig. A) Net 2.19

For the home. Install in regular wall outlet. Keeps outside lights on for 60 seconds while you go to car. Rated 10 amps 125 V. Shpg. wt., 5 ozs.

SW-79 (Fig. B) Net 2.19

CENTRALAB LEVER-ACTION SWITCHES



Low capacity, space saving switches for mounting singly or in groups. Cadmium plated front and lever. Rated 2 amps at 15V. DC or 150 ma. at 110 V.A.C. Index: P-positive, SR-Spring Return, PSR-positive-spring return. *1475 replacement for tube testers. 1 7/8 x 1 1/2". Mtg. centers, 1 3/8". With mtg. screws and knob. Avg. shpg. wt., 3 oz.
Shorting Type Non-Shorting

Stock No.	Mfg. No.	Stock No.	Mfg. No.	Ind. Poles	Pos.	1-9	10-24	25-49	
SW-178	1452	SW-180	1454	P	2	3	1.23	1.12	1.03
SW-179	1453	SW-181	1455	SR	2	3	1.23	1.12	1.03
SW-186	1466	SW-187	1467	PSR	2	3	1.23	1.12	1.03
SW-182	1456	SW-183	1457	SR	4	2	1.41	1.27	1.17
SW-185	1459	SW-184	1458	P	4	2	1.41	1.27	1.17
—	—	SW-188	1475*	P	1	3	1.23	1.12	1.03

MOUNTING PLATES

For mounting 1 to 4 switches. Black-wrinkle finish. Shpg. wt., 4 oz. All are 2 1/2" high.

Stock No.	Mfg. No.	No. Switches	Length	NET EACH		
				1-9	10-24	25-49
SW-189	P-1755	1	2 1/2"	.28	.26	.24
SW-190	P-1756	2	1 1/2"	.29	.26	.24
SW-191	P-1757	3	2 1/4"	.29	.26	.24
SW-192	P-1758	4	3"	.29	.26	.24



CRL MINIATURE PHENOLIC SWITCHES

PA-1000 Series. Phenolic-insulated switches for limited space applications. 30 indexing, adjustable stop. 1 1/2 x 1 3/4" dia. shaft, 1 7/8" long. Rated 2 amps @ 15V DC, 150 ma. @ 110V AC. Shpg. wt., 5 oz.

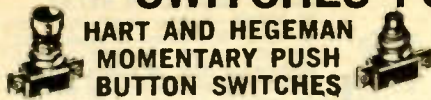
Stock No.	CRL PA	Stock No.	CRL PA	Poles	Pole Pos.	NET EACH	
						1-9	10-24
SINGLE SECTION							
SW-150	1000	SW-151	1001	1	2-11	1.76	1.59
SW-152	1002	SW-153	1003	2	2-5	1.76	1.59
SW-156	1006	SW-157	1007	3	2-3	1.76	1.59
SW-160	1010	SW-161	1011	4	2	1.76	1.59
TWO SECTION							
SW-154	1004	SW-155	1005	2	2-11	2.53	2.28
SW-162	1012	SW-163	1013	4	2-5	2.53	2.28
SW-168	1018	SW-169	1019	6	2-3	2.53	2.28
SW-172	1024	SW-173	1025	8	2	2.53	2.28
THREE SECTION							
SW-158	1008	SW-159	1009	3	2-11	3.18	2.86
SW-170	1020	SW-171	1021	6	2-5	3.18	2.86
SW-176	1028	SW-177	1029	12	2	3.18	2.86
FOUR SECTION							
SW-164	1014	SW-165	1015	4	2-11	3.73	3.36
SW-174	1026	SW-175	1027	8	2-5	3.73	3.36
FIVE SECTION							
SW-166	1016	SW-167	1017	5	2-11	4.38	3.94
SW-234	1030	SW-235	1031	10	2-5	4.38	3.94
SIX SECTION							
SW-232	1022	SW-233	1023	6	2-11	4.94	4.45
SW-236	1032	SW-237	1033	12	2-5	4.94	4.45

CRL MINIATURE STEATITE SWITCHES

PA-2000 Series. Precision Constructed Rotary Switches. Provide excellent RF characteristics. Rated 2 amps @ 15V. DC. 150 ma. @ 110V AC. *1 off. up to 9 progressively shorting positions. Switch 1 1/2 x 1 1/4" dia. Shaft 1 7/8" long. Avg. shpg. wt., 4 oz. per section.

Shorting Type	Stock No.	CRL No.	Stock No.	CRL No.	Total Poles	Pole Pos.	NET EACH	
							1-9	10-24
SINGLE SECTION								
SW-231	2042	SW-194	2001	1	2-10	2.12	1.90	
SW-193	2000	SW-196	2003	2	2-6	2.32	2.09	
SW-195	2002	SW-200	2007	3	2-5	2.32	2.09	
SW-199	2006	SW-208	2015	5	2-3	2.32	2.09	
SW-207	2014	SW-212	2019	6	2	2.32	2.09	
TWO SECTION								
SW-197	1004	SW-204	2011	4	2-6	3.32	2.99	
SW-203	2010	SW-214	2021	6	2-5	3.32	2.99	
SW-213	2020	SW-224	2031	10	2-3	3.32	2.99	
SW-223	2030	SW-226	2035	12	2	3.32	2.99	
SW-225	2034							
THREE SECTION								
SW-201	2008	SW-202	2009	3	2-12	4.24	3.81	
SW-215	2022	SW-216	2023	6	2-6	4.24	3.81	
SW-221	2028	SW-222	2029	9	2-6	4.24	3.81	
SW-227	2038	SW-228	2039	15	2-3	4.59	4.13	
SW-229	2040	SW-230	2041	18	2	4.59	4.13	
FOUR SECTION								
SW-205	2012	SW-206	2013	4	2-12	5.09	4.58	
SW-219	2026	SW-220	2027	8	2-6	5.09	4.58	
FIVE SECTION								
SW-209	2016	SW-210	2017	5	2-12	6.06	5.45	
SW-238	2032	SW-239	2033	10	2-6	6.06	5.45	
SIX SECTION								
SW-217	2024	SW-218	2025	6	2-12	7.06	6.35	
SW-240	2036	SW-241	2037	12	2-6	7.06	6.35	

SWITCHES FOR INDUSTRY—RADIO—TV—AUTO



HART AND HEGEMAN MOMENTARY PUSH BUTTON SWITCHES

Metal base push switches with laminated phenolic sections, slotted sleeve $\frac{1}{32}$ diam. by $\frac{1}{16}$ long except \uparrow are $\frac{1}{8}$ ". All have solder lug terminal, and plain tops except \uparrow which have snap on buttons (specify red or black). Rated 1A-125V AC. Shpg. wt., 3 oz., buttons 1 oz.

Stock No.	Mfr. No.	Cir-cuit	Ea.	Lots 10	Lots 100
NORMALLY CLOSED					
SW-33	3392E \uparrow	2 Circ	.70	.59	.49
SW-34	3392A \uparrow	2 Circ	.90	.75	.62
SW-35	3392	2 Circ	.70	.59	.49
SW-36	3392AE*	2 Circ	.90	.75	.62
SW-37	3391	SPST	.55	.45	.32
SW-38	3391GJ*	SPST	.74	.61	.51
NORMALLY OPEN					
SW-39	3391E	SPST	.55	.45	.32
SW-40	3391GL*	SPST	.74	.61	.51
SW-41 3391-194R—Red snap-on button for all switches .15					
SW-42 3391-194B—Black snap-on button for all switches .15					



CUTLER-HAMMER NEW DESIGN SWITCHES

Approved type with nickel-plated metal parts. Fast action—excellent for appliances, radio receivers, etc. Underwriters Approved. Stem length, fig. 1 and 2, 15/22"; fig. 3 and 4, 11/22". Avg. shpg. wt., 7 oz.

Stock No.	C-H Type	Fig.	Cir	Amps @			Net Each		
				125V	1-9	10	In Lots of	10	100
SW-460	8280K16	1	SPST	6	.47	.43	.36		
SW-461	8282K14	1	SPDT	3	.6*	.55	.46		
SW-462	8363K7	1	DPDT	6	1.00	.91	.75		
SW-463	8360K7	1	DPST	6	.86	.79	.66		
SW-464	7321K3	2	SPST	12	.91	.83	.69		
SW-465	7320K3	2	SPDT	10	.91	.83	.69		
SW-466	8097K3	3	SPST	3*	.40	.35	.29		
SW-467	7140K6	4	SPDT \uparrow		.41	.37	.31		

*Midget Rated AC. \uparrow With dead center position, \uparrow with locating projection.

ON-OFF-SWITCH PLATE

FIG. 5. C.H.—827-228F3 PLATE
SW-468 Each .03
10 For 27, 100 For 2.50

CUTLER-HAMMER HEAVY DUTY SWITCHES

Fig. 2. Underwriters approved. Nickel-plated metal parts. Fast action. Handle motor rated 1 hp. at 125/250V. Stem 15 Stem 15/22". Avg. Shpg. wt., 7 oz.

Stock No.	C-M Type	Cir	Amps @		Net Each		
			125V	250V	1-9	10	100
SW-469	7361K5	SPST	15	10	1.59	1.44	1.20
SW-470	7360K8	DPST	15	10	1.59	1.44	1.20

FEDERAL-ATI CAPACITY SWITCHES

Positive action switches for specialized applications. These lever switches are of the cam-roller type, with graphite impregnated bearing. Silver-plated phosphor bronze blades with pure silver contacts. Molded bakelite insulation and chrome faceplate. All are normally open. 2 1/2x5x3/4". Av. Shpg. wt., 5 oz.

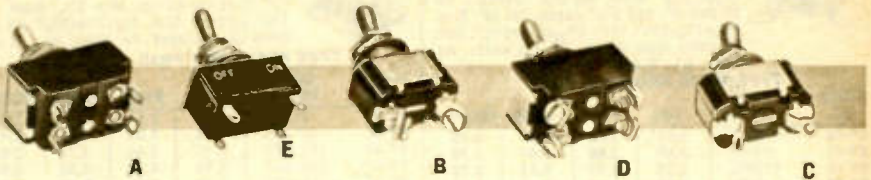
Stock No.	Type	Contacts	Net Each
SW-425	1427	DPST	2.79
SW-426	1425	DPDT	2.79
SW-427	1424	4PDT	2.86
SW-428	12494	8PDT	6.20

SWITCHCRAFT TINI-SWITCH

Subminiature push-button switch for use in limited space applications. Specially useful in miniaturized-transistor devices, microphones, intercoms or wherever an extra small switch is desired. One-piece plastic shaft available in red or black. Suitable for low level circuits only. NO = normally open. NC = normally closed. Threaded $\frac{1}{8}$ " bushing. $\frac{1}{16}$ " long, requires $\frac{3}{16}$ " behind panel. Shpg. wt., 3 oz.

Black Type	Red Type	Net Each In Lots Of					
Stock No.	Stock No.	Mfg. No.	Contacts	1-49	50-99	100 Up	
SW-438	961	SW-435	951	SPST-NO	.53	.45	.40
SW-439	962	SW-436	952	SPST-NC	.53	.45	.40
SW-440	963	SW-437	953	SPDT	.59	.50	.45

J-B-T GOVT. SPEC. TOGGLE SWITCHES



CIRCUIT CODE

1. ON-OFF
2. ON-ON
3. ON-MOMENTARY OFF
4. OFF-MOMENTARY ON
5. ON-OFF-ON

6. ON-MOMENTARY ON
7. MOMENTARY ON-MOMENTARY ON
8. ON-OFF-MOMENTARY ON
9. MOMENTARY ON-OFF-MOMENTARY ON

JAN-S-23 MEDIUM DUTY SWITCHES

Fig. A. All meet JAN-S-23 specifications. All rear connected, with solder lug terminals. Nominally rated 6 amps at 125V AC, 3 amps at 250V AC. Enclosed body $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$ " with $\frac{1}{16}$ " bat handle. Bushing $\frac{3}{16}$ " except * are $\frac{1}{4}$ " Avg. shpg. wt., 3 oz.

Stock No.	Govt. No.	Cir.	Net Each, In Lots Of				
			1-29	30-99	249	499	999
SINGLE POLE SINGLE THROW							
SW-500	ST12A	1	.69	.65	.59	.59	.56
SW-501	ST12C	3	.79	.74	.69	.69	.64
SINGLE POLE DOUBLE THROW							
SW-502	ST12D	2	.79	.74	.69	.67	.64
SW-503	ST13D*	2	.79	.74	.69	.67	.64
DOUBLE POLE SINGLE THROW							
SW-504	ST22K	2	.99	.92	.86	.84	.80
SW-505	ST22M	4	1.08	1.01	.94	.92	.88
SW-506	ST23K*	1	.99	.92	.86	.84	.80
DOUBLE POLE DOUBLE THROW							
SW-507	ST22N	2	1.08	1.01	.94	.92	.88
SW-508	ST23N*	2	1.08	1.01	.94	.92	.88

MIL-S-3950A HVY. DUTY SWITCHES

All meet MIL-S-3950A specifications including Internal seal and water submersion requirements, 20,000 make and break cycles, temperature and endurance tests at 400 cycles 125V AC. All have screw terminals. Dimensions MS35058 $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{4}$ ", MS35059 $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{4}$ " except * are $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{4}$ ". Nominally rated 20 amp at 125V AC, 10 amp at 250V AC. Shpg. wt., 3 oz.

Stock No.	Govt. No.	Cir.	Net Each, In Lots Of				
			1-29	30-99	249	499	999
SINGLE POLE SINGLE THROW (FIG. B)							
SW-541	MS35058-22	1	1.24	1.03	.82	.77	.72
SW-542	MS35058-29	3	1.38	1.15	.92	.86	.80
SW-543	MS35058-30	4	1.38	1.15	.92	.86	.80
SW-544	MS35058-24	1	1.26	1.05	.84	.78	.73
SW-545	MS35058-28	4	1.44	1.20	.96	.90	.84
SW-546	MS35058-25	3	1.44	1.20	.96	.90	.84
SINGLE POLE DOUBLE THROW (FIG. B)							
SW-547	MS35058-23	2	1.46	1.22	.98	.91	.85
SW-548	MS35058-21	5	1.46	1.22	.98	.91	.85
SW-549	MS35058-26	6	1.55	1.29	1.03	.96	.90
SW-550	MS35058-27	9	1.58	1.31	1.05	.99	.92
SW-551	MS35058-31	8	1.58	1.31	1.05	.99	.92
DOUBLE POLE SINGLE THROW (FIG. D)							
SW-552	MS35059-22	1	1.50	1.25	1.00	.93	.87
SW-553	MS35059-29	3	1.76	1.47	1.18	1.10	1.02
SW-554	MS35059-30	4	1.76	1.47	1.18	1.10	1.02
SW-555	MS35059-24	1	1.71	1.43	1.14	1.06	.99
SW-556	MS35059-25	3	1.84	1.53	1.22	1.14	1.07
DOUBLE POLE DOUBLE THROW (FIG. D)							
SW-557	MS35059-23	2	1.74	1.45	1.16	1.08	1.01
SW-558	MS35059-21	5	1.74	1.45	1.16	1.08	1.01
SW-559	MS35059-26	6	1.98	1.65	1.32	1.23	1.15
SW-560	MS35059-27*	9	1.98	1.65	1.32	1.23	1.15
SW-561	MS35059-31*	8	1.98	1.65	1.32	1.23	1.15

JAN-S-23 and MIL-S-21195 HEAVY DUTY SWITCHES

All meet JAN-S-23 and MIL-S-21195 specifications. Nominally rated 20 amp at 125 VAC, 10 amps at 250 VAC. Body size including terminals: ST40 $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{4}$ "; ST42 $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{4}$ "; ST50S, T $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{4}$ "; ST52S, T $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{4}$ ". All others $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{4}$ ". All have $\frac{3}{16}$ " bushing and $\frac{1}{16}$ " bat handle. Types with binding head screw terminals meet JAN-S-23 and MIL-S-21195 specs.; types with solder lug terminals meet JAN-S-23. Avg. shpg. wt., 3 oz.

Stock No.	Govt. Type	Cir.	Net Each In Lots Of				
			1-29	30-99	249	499	999
Single Pole Single Throw—Screw Terminals (Fig. B)							
SW-509	ST40A	1	1.01	.84	.67	.63	.59
SW-510	ST40B	3	1.10	.92	.74	.69	.64
SW-511	ST40C	4	1.10	.92	.74	.69	.64
Single Pole Single Throw With Solder Terminal (Fig. C)							
SW-512	ST42A	1	.95	.79	.63	.59	.55
SW-513	ST42B	3	1.04	.87	.69	.65	.61
SW-514	ST42C	4	1.04	.87	.69	.65	.61

Stock No.	Govt. Type	Cir.	Net Each In Lots Of				
			1-29	30-99	249	499	999
Single Pole Double Throw—Screw Terminal (Fig. B)							
SW-515	ST-400	2	1.21	1.01	.81	.78	.71
SW-516	ST40E	5	1.21	1.01	.81	.78	.71
SW-517	ST40F	6	1.31	1.09	.87	.82	.76
SW-518	ST40G	7	1.31	1.09	.87	.82	.76
SW-519	ST40H	8	1.31	1.09	.87	.82	.76

Stock No.	Govt. Type	Cir.	Net Each In Lots Of				
			1-29	30-99	249	499	999
Single Pole Double Throw—Solder Terminal Lug (Fig. C)							
SW-520	ST42D	2	1.12	.94	.75	.70	.65
SW-521	ST42E	5	1.12	.94	.75	.70	.65
SW-522	ST42F	6	1.23	1.03	.82	.77	.72
SW-523	ST42G	9	1.23	1.03	.82	.77	.72
SW-524	ST42H	8	1.23	1.03	.82	.77	.72

Stock No.	Govt. Type	Cir.	Net Each In Lots Of				
			1-29	30-99	249	499	999
Double Pole Single Throw—Screw Terminal (Fig. D)							
SW-525	ST50K	1	1.25	1.04	.83	.78	.73
SW-526	ST50L	3	1.46	1.22	.98	.92	.85
SW-527	ST50M	5	1.46	1.22	.98	.92	.85

Stock No.	Govt. Type	Cir.	Net Each In Lots Of				
			1-29	30-99	249	499	999
Double Pole Single Throw—Solder Lug Terminal (Fig. E)							
SW-528	ST52K	1	1.13	.94	.76	.71	.66
SW-529	ST52L	3	1.27	1.06	.85	.80	.74
SW-530	ST52M	4	1.27	1.06	.85	.80	.74

Stock No.	Govt. Type	Cir.	Net Each In Lots Of				
			1-29	30-99	249	499	999
Double Pole Double Throw—Screw Terminal (Fig. D)							
SW-531	ST50N	2	1.46	1.22	.98	.92	.85
SW-532	ST50P	5	1.46	1.22	.98	.92	.85
SW-533	ST50R	6	1.66	1.39	1.11	1.04	.97
SW-534	ST50S	9	1.66	1.39	1.11	1.04	.97
SW-535	ST50T	8	1.66	1.39	1.11	1.04	.97

Stock No.	Govt. Type	Cir.	Net Each In Lots Of				
			1-29	30-99	249	499	999
Double Pole Double Throw—Solder Lug Terminal (Fig. E)							
SW-536	ST52N	2	1.27	1.06	.85	.80	.74
SW-537	ST-52N	5	1.27	1.06	.85	.80	.74
SW-538	ST52R	6	1.48	1.23	.98	.92	.86
SW-539	ST52S	9	1.48	1.23	.98	.92	.86
SW-540	ST52T	8	1.48	1.23	.98	.92	.86



3-WAY SPEAKER SWITCH

59c

For use with two speakers. Three-position switch gives choice of front speaker alone, rear speaker alone, or both together. Comes completely assembled on black and silver metal plate with ivory indicator knob and attached wiring for connection to both speakers. With hardware and simple

POTTER AND BRUMFIELD RELAYS

POWER TYPE RELAYS

MR SERIES—Medium duty relays for small motors, transmitters, etc. Silver contacts rated at 8 amps, except normally open contacts rated at 10 amps. Mtg.: 2 $\frac{3}{8}$ " diam. on 2 $\frac{1}{2}$ " centers for SP and 3P, and 2 $\frac{1}{4}$ " center for DP. Size: 2 $\frac{1}{2}$ "x1 $\frac{1}{2}$ "x1 $\frac{1}{2}$ ". (SP), 2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "x1 $\frac{1}{2}$ ". (DP). AC coils draw 4.5VA; DC 1.5 watts. Av. Shpg. wt., 8 oz.



PR SERIES—For heavy duty industrial control use. Silver contacts rated at 15 amps, except at 20 amps. Power 7 to 10 v.a. + contacts normally open. A.C. coils for 60 cps. Mtg: 2 $\frac{3}{8}$ " diam. on 1 $\frac{7}{8}$ " centers. Size, 2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "x3 $\frac{3}{8}$ ". All AC units UL approved. Av. Shpg. wt., 12 oz.



BUILD YOUR OWN RELAY

GP SERIES—Extreme versatility is afforded by this series of separate AC, DC coils and DPDT or 4PDT switches. Combine to form 20 different relays. Ideal for lab and experimental work. Silver contacts. AC coils for 60 cps. Size of assembled relay, 2 $\frac{1}{2}$ "x1 $\frac{1}{2}$ ". Av. Shpg. wt., 4 oz.

TYPE MR3A AND MR3D SPST*					
STOCK NO.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-10	6VAC	3.85	3.66	3.47	2.70
RY-11	24VAC	3.85	3.66	3.47	2.70
RY-12	115VAC	3.85	3.66	3.47	2.70
RY-13	6VDC	3.50	3.33	3.15	2.45
RY-14	12VDC	3.50	3.33	3.15	2.45
RY-15	24VDC	3.50	3.33	3.15	2.45

TYPE MR5A AND MR5D SPDT					
STOCK NO.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-16	6VAC	3.45	3.28	3.11	2.42
RY-17	24VAC	3.45	3.28	3.11	2.42
RY-18	115VAC	3.45	3.28	3.11	2.42
RY-19	230VAC	3.85	3.66	3.47	2.70
RY-20	6VDC	3.20	3.04	2.88	2.24
RY-21	12VDC	3.20	3.04	2.88	2.24
RY-22	24VDC	3.20	3.04	2.88	2.24

TYPE MR11A AND MR11D DPDT					
STOCK NO.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-23	6VAC	4.85	4.61	4.37	3.40
RY-24	24VAC	4.85	4.61	4.37	3.40
RY-25	115VAC	4.85	4.61	4.37	3.40
RY-26	230VAC	5.25	4.99	4.73	3.68
RY-27	6VDC	4.60	4.37	4.14	3.22
RY-28	12VDC	4.60	4.37	4.14	3.22
RY-29	24VDC	4.60	4.37	4.14	3.22

TYPE MR14A AND MR 14D 3PDT					
STOCK NO.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-30	6VAC	5.80	5.51	5.22	4.06
RY-31	24VAC	5.80	5.51	5.22	4.06
RY-32	115VAC	5.80	5.51	5.22	4.06
RY-33	230VAC	6.20	5.89	5.58	4.34
RY-34	6VDC	5.45	5.18	4.91	3.82
RY-35	12VDC	5.45	5.18	4.91	3.82
RY-36	24VDC	5.45	5.18	4.91	3.82

AG SERIES—For machine tool and product automation controls. All DPDT. Silver contacts rated 5 amp. Enclosed dust proof. Screw terminals. Welded mtg. bracket with $\frac{3}{8}$ " holes on 2 $\frac{3}{8}$ " diagonal centers. A.C. units UL approved. Wt. 11 oz.

TYPE AG11AY AND AG11D					
STOCK NO.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-257	12VAC	9.20	8.74	8.28	6.44
RY-258	115VAC	9.20	8.74	8.28	6.44
RY-259	24VDC	9.10	8.64	8.19	6.37

PS SERIES—Extremely compact long life power relays. Solder type terminals. DPDT silver contacts rated at 10 amps. Mtg: 4—No. 6-32 tapped holes on $\frac{1}{2}$ "x1 $\frac{1}{4}$ " centers. Shpg. wt., 8 oz.

TYPE PS11A AND PS11D					
STOCK NO.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-62	6VAC	8.00	7.60	7.20	5.60
RY-63	24VAC	8.00	7.60	7.20	5.60
RY-64	115VAC	8.00	7.60	7.20	5.60
RY-65	230VAC	8.40	7.98	7.56	5.88
RY-66	110VDC	7.25	6.89	6.53	5.08

ABC SERIES—For small motors, industrial controls and other medium power uses. DPDT silver contacts rated at 10 amps. With dust cover, snap on screw connectors. Mtg: 2—No. 8-32 studs. $\frac{3}{8}$ " long. Size: 1 $\frac{1}{2}$ "x3x2 $\frac{3}{8}$ ". Shpg. wt., 12 oz.

TYPE ABC11AY AND ABC11D					
STOCK NO.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-67	6VAC	6.40	6.08	5.76	4.48
RY-68	24VAC	6.40	6.08	5.76	4.48
RY-69	115VAC	6.40	6.08	5.76	4.48
RY-70	230VAC	6.80	6.46	6.12	4.76
RY-71	110VDC	6.80	6.46	6.12	4.76

DIAMOND SPATULA

● A PRECISION TOOL FOR CLEANING RELAYS AND ALL TYPES OF CONTACTS

By utilizing diamond particles as the abrasive element, so little pressure is required to do an effective cleaning job that normal gap is unaffected. Tight pressure removes less than 1 micron and leaves clean polished surface with minimum of time and effort. 6" long. Shpg. wt., 3 oz.

TYPE PR3AY AND PR3D + SPST*

STOCK No.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-37	6 VAC	4.15	3.94	3.74	2.91
RY-38	24 VAC	4.15	3.94	3.74	2.91
RY-39	115 VAC	4.15	3.94	3.74	2.91
RY-40	230 VAC	4.50	4.28	4.05	3.15
RY-41	110 VDC	4.75	4.51	4.28	3.33

TYPE PR5AY AND PR5D SPDT

STOCK No.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-42	6 VAC	4.35	4.13	3.92	3.05
RY-43	24 VAC	4.35	4.13	3.92	3.05
RY-44	115 VAC	4.35	4.13	3.92	3.05
RY-45	230 VAC	4.75	4.51	4.28	3.33
RY-46	110 VDC	4.95	4.70	4.46	3.47

TYPE PR7AY AND PR7D + DPST

STOCK No.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-47	6 VAC	4.90	4.66	4.41	3.43
RY-48	24 VAC	4.90	4.66	4.41	3.43
RY-49	115 VAC	4.90	4.66	4.41	3.43
RY-50	230 VAC	5.35	5.08	4.82	3.75
RY-51	110 VDC	5.50	5.23	4.95	3.85

TYPE PR11AY AND PR11D DPDT

STOCK No.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-52	6VAC	6.45	6.13	5.81	4.52
RY-53	24VAC	6.45	6.13	5.81	4.52
RY-54	115VAC	6.45	6.13	5.81	4.52
RY-55	230VAC	6.95	6.60	6.26	4.87
RY-56	110VDC	7.05	6.70	6.35	4.94



TYPE CA3A—Small size, high power relays. Solder terminals. SPST, normally open, double break contacts, rated at 10 amps. Mtg: 2 $\frac{3}{8}$ " diam. holes on 2 $\frac{1}{2}$ " centers. Size, 1 $\frac{1}{4}$ "x1 $\frac{1}{4}$ "x2 $\frac{3}{8}$ ". Shpg. wt., 3 oz.

STOCK No.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-72	6VAC	3.20	3.04	2.88	2.24
RY-73	24VAC	3.20	3.04	2.88	2.24
RY-74	115VAC	3.20	3.04	2.88	2.24



TYPE SP11A—Medium duty shock proof relays, with balanced armature for all angle mounting. DPDT silver contacts rated at 5 amps, 115 v. AC. AC coils for 60 cps. Mtg: 2-No. 6-32 tapped holes on $\frac{1}{2}$ "x1 $\frac{1}{4}$ " centers. Size, 1 $\frac{1}{2}$ "x1 $\frac{1}{2}$ "x2 $\frac{3}{8}$ ". Shpg. wt., 10 oz.

STOCK No.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-75	6VAC	6.80	6.46	6.12	4.76
RY-76	24VAC	6.80	6.46	6.12	4.76
RY-77	115VAC	6.80	6.46	6.12	4.76



AB SERIES—For appliance and general purpose operations. Rugged and quiet DPDT silver contacts, rated at 10 amps. Mtg: 2—No 8-32 tapped holes on 1 $\frac{1}{4}$ " centers. Size, 1 $\frac{1}{2}$ "x1 $\frac{1}{2}$ "x3". Av. Shpg. wt., 8 oz.

TYPE AB11AY AND AB11D

STOCK No.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-78	6VAC	5.30	5.04	4.77	3.71
RY-79	24VAC	5.30	5.04	4.77	3.71
RY-80	115VAC	5.30	5.04	4.77	3.71
RY-81	230VAC	5.70	5.42	5.13	3.99
RY-82	110VDC	5.70	5.42	5.13	3.99

POTTER & BRUMFIELD RELAY COVERS

TYPE 35D013. Steel base, aluminum cover in gray hammer-tone baked enamel. Knockouts for $\frac{1}{2}$ " conduit. For PR type relays. Shpg. wt., 1 lb.
RY-260 3.00
 Type 350130. Similar for types MR, MS and SP relays. Shpg. wt., 1 lb.
RY-261 1.90

3 TYPES AVAILABLE

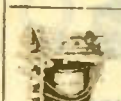
TYPE 200. 55/100 mm, thick, 2 diamond surfaces. For industrial relays and contactors.
HD-825 4.95
TYPE 300. Same as above for intermediate relays, telephone relays, etc.
HD-826 4.95
TYPE 400. 25/100mm, thick—Single diamond surface. Specially designed for sensitive relays and individual cleaning of closely set contacts.
HD-827 4.95
 Kit of 3, one each of above in plastic case. Shpg. wt., $\frac{1}{2}$ lb.
HD-828 14.85

TYPE GPA AND GPD COILS

STOCK No.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-208	6VAC	1.85	1.57	1.48	1.15
RY-209	24VAC	1.65	1.57	1.49	1.16
RY-210	115VAC	1.65	1.57	1.49	1.16
RY-211	230VAC	2.10	2.00	1.89	1.47
RY-212	6VDC	2.10	2.00	1.89	1.47
RY-213	12VDC	2.10	2.00	1.89	1.47
RY-214	24VDC	2.10	2.00	1.89	1.47
RY-215	110VDC	3.15	2.99	2.84	2.21
RY-216	2500 ohms	1.50	1.43	1.35	1.05
RY-217	10K ohms	2.10	2.00	1.89	1.47

SWITCHES

STOCK No.	P & B TYPE	1-24	25-50	51-99	100-249
RY-218	GP11-DPDT	1.70	1.62	1.53	1.19
RY-219	GP17-4PDT	2.95	2.80	2.66	2.07



KL SERIES—Compact, versatile multiple contact relays. Varied contact combinations and high dielectric phenolic insulation. 4PDT silver contacts rated at 5 amps, 115 volts, 60 cps. Mtg: 2-No. 6-32 tapped holes on 1 $\frac{1}{4}$ " centers. Size, 1 $\frac{1}{4}$ "x1 $\frac{1}{2}$ "x2 $\frac{3}{8}$ ". Shpg. wt., 4 oz.

TYPE KL17A AND KL17D

STOCK No.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-221	24VAC	6.30	5.99	5.67	4.41
RY-222	115VAC	6.30	5.99	5.67	4.41
RY-223	24VDC	6.00	5.70	5.40	4.20



KA SERIES—For low power loads such as small motors, solenoids and general automation work. Silver contacts rated at 5 amps. Moisture and shock resistant. AC coil for 60 cps. Mtg: 1 No. 6-32 stud and locating tab. Size: 1 $\frac{1}{2}$ "x1 $\frac{1}{4}$ "x1 $\frac{1}{2}$ ". Shpg. wt., 6 oz.

TYPE KA5AY AND KA5D 3PDT

STOCK No.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-105	6VAC	3.20	3.04	2.88	2.24
RY-106	24VAC	3.20	3.04	2.88	2.24
RY-107	115VAC	3.20	3.04	2.88	2.24
RY-108	6VDC	3.05	2.90	2.75	2.14
RY-109	12VDC	3.05	2.90	2.75	2.14
RY-110	24VDC	3.05	2.90	2.75	2.14

TYPE KA11AY AND KA11D DPDT

STOCK No.	COIL VOLTS	1-24	25-50	51-99	100-249
RY-111	6VAC	3.85	3.66	3.47	2.70
RY-112	24VAC	3.85	3.66	3.47	2.70
RY-113	115VAC	3.85	3.66	3.47	2.70

POTTER AND BRUMFIELD RELAYS

PLATE CIRCUIT AND SENSITIVE RELAYS

KCP SERIES. Plate circuit relays, enclosed in polystyrene cases. Sensitivity 125 mw (single pole). Silver contacts rated at 2 amps. Mtg. std. octal plug-in type, 8 pin for all except KCP 14's 11 pins. Size, 2x1 $\frac{1}{2}$ x1 $\frac{1}{2}$ ". Shpg. wt., 5 oz. Specify coil.



TYPE KCP5 SPDT

Stock No.	Coil Ohms	Coil Ma.	1-24	25-50	51-99	100-249
RY-135	2500	7.2	5.90	5.61	5.31	4.13
RY-136	5000	5.0	6.00	5.70	5.40	4.20
RY-137	10000	3.0	6.40	6.08	5.76	4.48

TYPE KCP11 DPDT

Stock No.	Coil Ohms	Coil Ma.	1-24	25-50	51-99	100-249
RY-138	2500	10.0	6.30	5.99	5.67	4.41
RY-139	5000	7.2	6.40	6.08	5.76	4.48
RY-140	10000	5.0	6.80	6.46	6.12	4.76

TYPE KCP14 3PDT

Stock No.	Coil Ohms	Coil Ma.	1-24	25-50	51-99	100-249
RY-141	2500	12.3	7.75	7.36	6.98	5.43
RY-142	5000	8.7	7.85	7.46	7.07	5.50
RY-143	10000	6.1	8.25	7.84	7.43	5.78

Amphenol 146-103 sockets. For KCP relays except KCP14's. Bainer type octal sockets. Meets N.E.M.S. and U.L. requirements. Mtg. centers 1 $\frac{1}{16}$ ". Shpg. wt., 5 oz.
CM-226 Net .96

Amphenol 77 M1P11 sockets. 11 pin socket for KCP14's. With retainer ring. Requires 1 $\frac{1}{8}$ " hole. Shpg. wt., 2 oz.
CM-75 Net .13

TYPE LBS. Low cost, fast-acting units. Breakdown 500 V. rms min. SPDT silver contacts rated at 5 amps. Mtg.: 2 $\frac{1}{2}$ " dia. on 2 $\frac{1}{2}$ " centers. Size 1 $\frac{3}{4}$ x1 $\frac{1}{4}$ x2 $\frac{1}{2}$ ". For DC only. Shpg. wt., 5 oz.

Stock No.	Coil Ohms	1-24	25-50	51-99	100-249
RY-144	2500	2.45	2.33	2.21	1.72
RY-145	5000	2.65	2.52	2.39	1.86
RY-146	10000	2.85	2.71	2.57	2.00

LM SERIES. High quality plate circuit relays with sensitivity of 100 mw. for single pole. Adjustable pull-in. Silver contacts rated at 5 amps, 115 v., 60 cps. Action: LM5's are SPDT; LM11's DPDT. Mtg.: 2-no. 6-32 tapped holes on 1 $\frac{1}{2}$ " centers. Size 2 $\frac{1}{2}$ x2 $\frac{1}{4}$ x2 $\frac{1}{2}$ ". Shpg. wt., 9 oz.

TYPE LM5 SPDT

Stock No.	Coil Ohms	Coil Ma.	1-24	25-50	51-99	100-249
RY-147	2500	6.3	3.90	3.70	3.50	2.73
RY-148	5000	4.5	4.10	3.90	3.69	2.87
RY-149	10000	3.2	4.40	4.18	3.96	3.08

TYPE LM11 DPDT

Stock No.	Coil Ohms	Coil Ma.	1-24	25-50	51-99	100-249
RY-150	2500	9.0	5.55	5.27	5.00	3.89
RY-151	5000	6.3	5.75	5.46	5.18	4.02
RY-152	10000	4.5	6.30	5.99	5.67	4.41

TYPE P CASE

Type 350070. Clear Case with Octal plug as used in KRP Relays. Ideal for mounting rectifiers, resistors and small components. Complete with 4 screws. Shpg. wt., 4 oz.

RY-262 Net .55

Type 350072. Same as above but with 11 Pin plug. Net .70



MG SERIES - Subminiature telephone type relay for aircraft, computer, and other applications requiring good shock and/or vibration characteristics. Silver contacts rated at 2 amps. All are enclosed types. Mtg. 4 tapped 3-48 holes on 3 $\frac{1}{2}$ " centers. Size: 1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$ ". Shpg. wt., 6 oz.

TYPE MG11D DPDT

Stock No.	Coil Volts	1-24 each	25-50 each	51-99 each	100-249 each
RY-245	6VDC	5.20	4.94	4.68	3.64
RY-246	12VDC	5.20	4.94	4.68	3.64
RY-247	24VDC	5.20	4.94	4.68	3.64
RY-248	110VDC	5.65	5.37	5.08	3.96

TYPE MG17D 4PDT

Stock No.	Coil Ohms	1-24	25-50	51-99	100-249
RY-249	6VDC	6.95	6.60	6.26	4.87
RY-250	12VDC	6.95	6.60	6.26	4.87
RY-251	24VDC	6.95	6.60	6.26	4.87
RY-252	110VDC	7.40	7.03	6.66	5.18

TYPE MG17DP 4PDT

Stock No.	Coil Ohms	1-24	25-50	51-99	100-249
RY-253	6VDC	11.55	10.97	10.40	8.09
RY-254	12VDC	11.55	10.97	10.40	8.09
RY-255	24VDC	11.55	10.97	10.40	8.09
RY-256	110VDC	12.15	11.54	10.94	8.50

PW SERIES. Precision lightweight hermetically sealed DC relays for aircraft and missile use. Sensitivity: 40 mw for current actuated units, 175 mw for voltage actuated units. Withstands 10G vibration to 500 cps. SPDT silver contacts rated at 2 amps. Mtg.: std. 7 pin miniature tube socket. Size 3/4 dia. x 1 $\frac{1}{8}$ ". *Plate circuit type. Av. shpg. wt., 2 oz.

TYPE PW5DS

Stock No.	Coil V or Ma	Coil Ohms	1-24	25-50	51-99	100-249
RY-153	6V	202	10.25	9.75	9.23	7.18
RY-154	12V	810	10.25	9.75	9.23	7.18
RY-155	24V	3240	10.25	9.75	9.23	7.18

TYPE PW5L5*

Stock No.	Coil V or Ma	Coil Ohms	1-24	25-50	51-99	100-249
RY-156	2.8MA	5000	10.60	10.07	9.54	7.42
RY-157	2MA	10000	11.00	10.45	9.90	7.70



TYPE RS50. Low cost. Lightweight, sensitive relays for radiosonde, light dimmer and model uses. 60mw sensitivity. SPDT bar palladium contacts rated at 2 amps, 115v ac or 28v dc. Mtg.: 2-4-0 screws. Size: 3/4x1x1 $\frac{1}{2}$ ". Av. shpg. wt., 3 oz.

Stock No.	Coil V or Ma	Coil Ohms	1-24	25-50	51-99	100-249
RY-158	6V	335	2.60	2.47	2.34	1.82
RY-159	5.0MA	2500	2.85	2.71	2.57	2.00
RY-160	3.5MA	5000	3.15	2.99	2.84	2.21
RY-161	2.5MA	10000	3.60	3.42	3.24	2.52

SM SERIES. Midget, sensitive, hermetically sealed relays, for computers, model airplanes and similar uses. SPDT silver-rhodium contacts rated at 1/4 amp. Extremely long life. Mtg.: std. 7-pin miniature tube socket. Size 3/4 dia. x 1 $\frac{1}{8}$ ". *Current-actuated, plate circuit type. Av. shpg. wt., 3 oz.

TYPE SM5DS

Stock No.	Coil V or Ma	Coil Ohms	1-24	25-50	51-99	100-249
RY-162	6VDC	80	6.25	5.94	5.62	4.38
RY-163	24VDC	900	6.25	5.94	5.62	4.38

TYPE SM5L5*

Stock No.	Coil V or Ma	Coil Ohms	1-24	25-50	51-99	100-249
RY-164	3.8MA	5000	6.55	6.22	5.89	4.59
RY-165	2.7MA	10000	7.00	6.65	6.30	4.90

TYPE S5SD. Ultra sensitive precision 1 ma relays ideal for all low energy circuits such as instruments and bridge balancing. Dual series coils with balanced armature. Sensitivity, 10 mw. Coil ohms, 10,000. Mtg.: 2-no. 6-32 tapped holes on 3/4" centers. Size 1 $\frac{1}{4}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$ ". Shpg. wt., 8 oz.

Stock No.	Coil Ohms	1-24	25-50	51-99	100-249
RY-166	12.60	12.60	12.60	12.60	12.60
51-99, ea.		11.34	100-249, ea.		8.82



HOLD DOWN SPRING

Type 9-KR-15. Durable stainless steel spring fits all KCP or KRP plug-in relays. Insures secure mounting in any position.

Stock No.	ea.	100-249, ea.
RY-264		.10

TELEPHONE TYPE RELAYS



MH SERIES - Miniature type. Silver contacts rated at 2 amps. ALL 4PDT except DPDT. *Sealed. Mtg.: MH11's No. 6-32 tapped stud plus locating bars; all other models, 4 - No. 3-48 holes on 3/4x3/4" centers. 1 $\frac{1}{2}$ x2 $\frac{1}{2}$ x1 $\frac{1}{2}$ " (open); 2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$ " (sealed). Shpg. wt., 5 oz (open), 6 oz. (sealed). MH17 series 4.5 MA.

TYPE MH17D

Stock No.	Coil Volts	1-24 each	25-50 each	51-99 each	100-249 each
RY-237	6VDC	6.05	5.75	5.45	4.24
RY-238	24VDC	6.05	5.75	5.45	4.24

TYPE MH17AMR† AND MH17DM†

Stock No.	Coil Volts	1-24	25-50	51-99	100-249
RY-239	24VAC	26.25	24.94	23.63	18.38
RY-240	115VAC	19.95	18.95	17.96	13.97
RY-241	6VDC	12.20	11.59	10.98	8.54
RY-242	24VDC	12.20	11.59	10.98	8.54

Stock No.	P & B Type No.	1-24 each	25-50 each	51-99 each	100-249 each
RY-243	MH11L*	6.05	5.75	5.45	4.24
RY-244	MH11LM*	10.20	9.69	9.18	7.14



KRP SERIES - Versatile multi-contact relays. Enclosed in polystyrene dust cover. Standard octal-type plug (8 pin) for KRP5's and KRP11's, 11 pin for KRP14's. Silver contacts rated at 10 amps. Size 2x1 $\frac{1}{2}$ x1 $\frac{1}{2}$ ". Shpg. wt., 5 oz.

TYPE KRP5AG AND KRP5DG SPDT

Stock No.	Coil Volts	1-24 each	25-50 each	51-99 each	100-249 each
RY-87	6VAC	5.55	5.27	5.00	3.85
RY-88	24VAC	5.55	5.27	5.00	3.85
RY-89	115VAC	5.55	5.27	5.00	3.85
RY-90	6VDC	5.50	5.23	4.95	3.85
RY-91	12VDC	5.50	5.23	4.95	3.85
RY-92	24VDC	5.50	5.23	4.95	3.85

TYPE KRP11AG AND KRP11DG DPDT

Stock No.	Coil Volts	1-24	25-50	51-99	100-249
RY-93	6VAC	6.25	5.94	5.63	4.38
RY-94	12VAC	6.25	5.94	5.63	4.38
RY-95	115VAC	6.25	5.94	5.63	4.38
RY-96	6VDC	6.20	5.89	5.58	4.34
RY-97	12VDC	6.20	5.89	5.58	4.34
RY-98	24VDC	6.20	5.89	5.58	4.34

TYPE KRP14AG AND KRP14DG 3PDT

Stock No.	Coil Volts	1-24	25-50	51-99	100-249
RY-99	6VAC	7.80	7.41	7.02	5.46
RY-100	24VAC	7.80	7.41	7.02	5.46
RY-101	115VAC	7.80	7.41	7.02	5.46
RY-102	6VDC	7.75	7.36	6.98	5.43
RY-103	12VDC	7.75	7.36	6.98	5.43
RY-104	24VDC	7.75	7.36	6.98	5.43

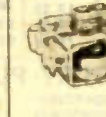
Amphenol 146-103 Sockets. For KRP relays except KRP-14's. Barrier type octal sockets. Meets N.E.M.A. and U.L. requirements. Mtg. Centers. 1 $\frac{1}{16}$ ". Shpg. wt., 5 oz.
CM-226 Net .96

Amphenol 77M1P11 Sockets. 11 pin socket for KRP 14 relays. With retainer ring. Requires 1 $\frac{1}{8}$ " hole. Shpg. wt., 2 oz.
CM-75 Net .20

NEON INDICATOR RELAY

Type KRP11AN. Incorporates NE-2 neon lamp to indicate current or voltage availability in power circuit, 115V AC Coil. DPDT silver contacts rated at 10 amps. Clear dust cover. Base has standard octal plug. Uses same socket as KRP series. Shpg. wt., 5 oz.

Stock No.	1-24 - ea.	25-50 ea.	51-99 - ea.	100-249 ea.
RY-265	7.00	6.65	6.30	4.90



MP SERIES - Snap action SPDT relays. Ideal for starting split phase a.c. motors. Silver contacts rated at 15 amps. AC coils are for 60 cps. Mtg.: 4-No. 6-32 tapped holes, 3/4x7/8" on center. Size 1 $\frac{3}{4}$ x1 $\frac{1}{4}$ x2 $\frac{1}{2}$ ". Av. Shpg. wt., 4 oz.

TYPE MP5A AND MP5D

Stock No.	Coil Volts	1-24 each	25-50 each	51-99 each	100-249 each
RY-57	6VAC	6.00	5.70</		

P & B RELAYS - EBERT MERCURY RELAYS - GUARDIAN

P AND B SPECIAL PURPOSE RELAYS

LATCHING TYPE RELAYS



PC SERIES Latching Relays, Single Coil impulse latching relays for on-off and current reversal switching on alternate pulses. Operates on 30 millisecond pulses to the coil. Gold-plated silver cadmium oxide contacts rated at 10 amps. Mtg. 2- $\frac{3}{16}$ " dia. holes on 2 $\frac{3}{16}$ "x $\frac{3}{16}$ " centers. Size 2 $\frac{3}{16}$ "x2 $\frac{3}{16}$ "x $\frac{3}{16}$ ". Shpg. wt., 10 oz.

Stock No.	Coil Volts	TYPE PC11A AND PC11D		DPDT	
		1-24 Each	25-50 Each	51-99 Each	100-249 Each
RY-200	6VAC	5.50	5.23	4.95	3.85
RY-201	24VAC	5.50	5.23	4.95	3.85
RY-202	115VAC	5.50	5.23	4.95	3.85
RY-203	24VDC	5.30	5.04	4.77	3.71

Stock No.	Coil Volts	TYPE PC17A AND PC17D		4PDT	
		1-24 Each	25-50 Each	51-99 Each	100-249 Each
RY-204	6VAC	7.60	7.22	6.84	5.32
RY-205	24VAC	7.60	7.22	6.84	5.32
RY-206	115VAC	7.60	7.22	6.84	5.32
RY-207	24VDC	7.45	7.08	6.71	5.22



KE SERIES. Subminiature Latching Relays. Mechanical latch, electrical release. Operates on momentary impulse to either coil. For intermittent duty only. Silver contacts rated at 2 amps. Mtg. 2- $\frac{3}{16}$ " dia. holes on 1 $\frac{1}{16}$ " centers. *Hermetically sealed, Mtg. requires 3-no. 6-32 studs. Size 1 $\frac{1}{16}$ "x1 $\frac{1}{16}$ "x $\frac{1}{16}$ ". Shpg. wt., 4 oz. (open); 6 oz. (sealed).

Stock No.	Coil Volts	TYPE KE17D AND KE17DM*		4PDT	
		1-24 each	25-50 each	51-99 each	100-249 each
RY-173	6VDC	9.45	8.98	8.51	6.62
RY-174	12VDC	9.45	8.98	8.51	6.62
RY-175	24VDC	9.45	8.98	8.51	6.62
RY-176	6VDC*	20.50	19.48	18.45	14.35
RY-177	12VDC*	20.50	19.48	18.45	14.35
RY-178	24VDC*	20.50	19.48	18.45	14.35

Stock No.	Coil Volts	TYPE KE23 AND KE23DM*		6PDT	
		1-24 each	25-50 each	51-99 each	100-249 each
RY-179	6VDC	12.10	11.50	10.89	8.47
RY-180	12VDC	12.10	11.50	10.89	8.47
RY-181	24VDC	12.10	11.50	10.89	8.47
RY-182	6VDC*	26.25	24.94	23.63	18.38
RY-183	12VDC*	26.25	24.94	23.63	18.38
RY-184	24VDC*	26.25	24.94	23.63	18.38



STANDARD TYPE. Extreme dependability. Mercury contacts hermetically sealed in tempered glass. Each pole rated at 35 amps. EM1 and EM2 coil operates at .050 amp, EM4 at .097 amp. All rated 2HP except EM2 is 1HP. All ratings given at 115V 60 cycle. Abbrev. NO= all normally open; NC= all normally closed; X= 1 NO and 1 NC; P= pole. All for 115V 50-60 cycle operation only. All U.L. approved. Average shpg. wt., 2 lbs. Shipped by express only.

Stock No.	Mfr. No.	Desc.	Size	Net
RY-450X	EM-1	1P-NO	2 $\frac{1}{2}$ x4 $\frac{1}{2}$ x2 $\frac{3}{4}$	13.95
RY-451X	EM-2	1P-NC	2 $\frac{1}{2}$ x5 $\frac{1}{4}$ x2 $\frac{3}{4}$	15.40
RY-452X	EM-4	2P-NO	2 $\frac{1}{2}$ x5 $\frac{3}{8}$ x3 $\frac{3}{4}$	23.00
RY-453X	EM-4	2P-NC	2 $\frac{1}{2}$ x5 $\frac{3}{8}$ x3 $\frac{3}{4}$	26.60
RY-454X	EM-4	2P-X	2 $\frac{1}{2}$ x5 $\frac{3}{8}$ x3 $\frac{3}{4}$	24.80



HEAVY DUTY TYPE. Each pole rated 60 amps. HD-1 and HD-2 coils operate at .050 amp, HD-4 at .097 amp, and HD-7 at .180 amp. Horsepower ratings: HD-1, HD-2 and HD-4 are 2 HP; HD-7 rated 3 HP 3 phase and 2 HP single phase. All ratings given at 115V 60 cycle AC. All for operation on 115V 50-60 cycle only. All U.L. approved. Shpg. wt., 2 lbs. except HD-7 is 3 lbs. Shipped by express only.

Stock No.	Mfr. No.	Desc.	Size	Net
RY-455X	HD-1	1P-NO	2 $\frac{3}{8}$ x5 $\frac{1}{4}$ x3 $\frac{3}{4}$	15.75
RY-456X	HD-2	1P-NC	2 $\frac{3}{8}$ x5 $\frac{1}{4}$ x3 $\frac{3}{4}$	17.25
RY-457X	HD-4	2P-NO	2 $\frac{3}{8}$ x5 $\frac{3}{8}$ x3 $\frac{3}{4}$	29.05
RY-458X	HD-4	2P-NC	2 $\frac{3}{8}$ x5 $\frac{3}{8}$ x3 $\frac{3}{4}$	32.65
RY-459X	HD-4	2P-X	2 $\frac{3}{8}$ x5 $\frac{3}{8}$ x3 $\frac{3}{4}$	30.85
RY-460X	HD-7	3P-NO	3 $\frac{3}{8}$ x6 $\frac{5}{8}$ x4	38.70
RY-461X	HD-7	3P-NC	3 $\frac{3}{8}$ x6 $\frac{5}{8}$ x4	44.75



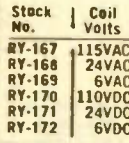
MICROMINIATURE HIGH G RELAY

SL SERIES. Dual coil, hermetically sealed, micro miniature magnetic latching relays, weighing $\frac{3}{4}$ oz. For lower power, high shock/vibration uses. Coils may be connected in series for polar operation. DPDT gold-plated palladium contacts rated at 1 amp. Coil voltage 24v; coil resistance, 550 ohms. Withstands 100g shock, 30g vibration to 2000 cps. Temp. range -65 to +125 C. Size 1 $\frac{1}{2}$ "x $\frac{3}{4}$ "x $\frac{3}{4}$ ". Shpg. wt., 3 oz.

Type SL110 for plug-in to printed circuits. Type SL110A for 2- $\frac{3}{16}$ "x $\frac{1}{4}$ " holes on 1 $\frac{1}{4}$ " centers. Type SL110B for 4- $\frac{1}{16}$ " dia. holes on 1 $\frac{1}{4}$ "/32x $\frac{1}{4}$ " centers.

Stock No.	P & B Type No.	1-24 each	25-50 each	51-99 each	100-249 each
RY-231	SL110	17.25	16.39	15.52	12.08
RY-232	SL110A	17.25	16.39	15.52	12.08
RY-233	SL110B	17.25	16.39	15.52	12.08

TYPE KB17AG & KB14DG, Latching Relays. Ideal for memory work and overload uses. Both release and trip coils must be for the same voltage. One coil operates relay to set latch and other coil releases it. Operates on momentary impulse to either coil. 4PDT silver contacts rated at 10 amps. Mtg. 2- $\frac{3}{16}$ "x $\frac{1}{4}$ " holes on 1 $\frac{1}{4}$ " centers. Size 2 $\frac{1}{2}$ "x1 $\frac{1}{2}$ "x2 $\frac{1}{2}$ ". Shpg. wt., 10 oz. *60 cycle.



LK SERIES. Hermetically sealed latching relays. 4PDT silver contacts rated at 5 amps. With solder terminal headers. Mtg. 3-no. 8-32 studs on 2 $\frac{1}{2}$ "x $\frac{1}{2}$ " centers. Shpg. wt., 8 $\frac{1}{2}$ ozs.

Stock No.	P & B Type	Coil Volts	1-24 each	25-50 each	51-99 each	100-249 each
RY-167	115VAC*	10.60	10.07	9.54	7.42	7.42
RY-168	24VAC	10.60	10.07	9.54	7.42	7.42
RY-169	6VAC*	10.60	10.07	9.54	7.42	7.42
RY-170	110VDC	10.85	10.31	9.77	7.60	7.60
RY-171	24VDC	9.65	9.17	8.69	6.76	6.76
RY-172	6VDC	9.65	9.17	8.69	6.76	6.76



MINIRELAYS. World's smallest mercury plunger relay. Each pole rated 20 amps. MR-10 and MR-12 coils operate at .042 amps and MR-14 at .080 amps. Horsepower rating 1.5 per pole. All ratings given at 115V 60 cycle AC. All for operation on 115V 50-60 cycle only. Average shpg. wt., 1 lb. Shipped by express only.

Stock No.	Mfr. No.	Desc.	Size	Net
RY-462X	MR-10	1P-NO	3x1 $\frac{7}{8}$ x1 $\frac{1}{2}$	9.90
RY-463X	MR-12	1P-NC	4x1 $\frac{7}{8}$ x1 $\frac{1}{2}$	10.90
RY-464X	MR-14	2P-NO	3 $\frac{1}{2}$ x3x1 $\frac{1}{8}$	18.75



TYPE A MICRORELAYS

An all electronic, ultra sensitive unit, instantaneous trouble free control of high power, high current loads from up to 2 ua sources such as photocells. For circuit impedances from 1 to 10 megohms. Closure time approx. 45 milliseconds. Contacts as SPST normally open. Two types: standard duty for loads up to 35 amps. at 115V AC, 25 amps at 230 VAC; heavy duty for up to 60 amps at 115V AC, 35 amps at 230V AC. For 115/230V 60 cycle AC operation. 4x5x8 $\frac{1}{2}$ ". Shpg. wt., 8 $\frac{1}{2}$ lbs. Shipped express only.

RY-465X (Standard Duty)	Net 45.35
RY-466X (Heavy Duty)	Net 47.30

MICROMINIATURE HIGH G RELAY



SC SERIES. Micro-miniature hermetically sealed permanent magnet relays, weighing only $\frac{3}{4}$ oz. Single coil action. DPDT gold-plated palladium contacts rated at 1 amp. Coil voltage 24 v; coil resistance 550 ohms. Withstands 100g shock, 30g vibration to 2000 cps. Temp. range, -65 to +125 C. Size, 1 $\frac{1}{2}$ "x $\frac{3}{4}$ "x $\frac{3}{4}$ ". Shpg. wt., 3 oz.

Type SC110 for plug-in to printed circuits. Type SC110A for 2- $\frac{3}{16}$ "x $\frac{1}{4}$ " holes on 1 $\frac{1}{4}$ " centers. Type SC110B for 4- $\frac{1}{16}$ " dia. holes on 1 $\frac{1}{4}$ "/32x $\frac{1}{4}$ " centers.

Stock No.	Type No.	each	1-24	25-50	51-99	100-249
RY-228	SC110	15.75	14.96	14.17	11.02	11.02
RY-229	SC110A	15.75	14.96	14.17	11.02	11.02
RY-230	SC110B	15.75	14.96	14.17	11.02	11.02



KM SERIES. Sub-miniature Relays. Tiny 3-pole relays weighing only $\frac{7}{16}$ oz. For multiple switching. Solder lug terminals. Mtg. no. 2-56 tapped core and locating bars. Size $\frac{3}{16}$ "x $\frac{3}{16}$ "x1 $\frac{1}{16}$ ". Shpg. wt., 1 oz.

Stock No.	Coil Volts	TYPE KM5D SPDT		51-99		100-249	
		each	each	each	each		
RY-185	6VDC	3.35	3.18	3.02	2.35		
RY-186	12VDC	3.35	3.18	3.02	2.35		
RY-187	24VDC	3.35	3.18	3.02	2.35		

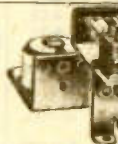
Stock No.	Coil Volts	TYPE KM11D DPDT		51-99		100-249	
		each	each	each	each		
RY-188	6VDC	3.70	3.52	3.33	2.59		
RY-189	12VDC	3.70	3.52	3.33	2.59		
RY-190	24VDC	3.70	3.52	3.33	2.59		

Stock No.	Coil Volts	TYPE KM14D 3PDT		51-99		100-249	
		each	each	each	each		
RY-191	6VDC	4.25	4.04	3.83	2.98		
RY-192	12VDC	4.25	4.04	3.83	2.98		
RY-193	24VDC	4.25	4.04	3.83	2.98		



TYPE KT11A AND KT11D. Antenna Switching Relay. For switching 300 ohm lines. Efficient operation. DPDT silver contacts rated at 5 amps. Mtg. 1-no. 6-32 stud. Size: 1 $\frac{1}{16}$ "x1 $\frac{1}{16}$ "x $\frac{1}{16}$ ". Shpg. wt., 2 oz.

Stock No.	Coil Volts	1-24		25-50		51-99		100-249	
		each	each	each	each	each	each		
RY-194	6VAC	3.70	3.52	3.33	2.59				
RY-195	115VAC	3.70	3.52	3.33	2.59				
RY-196	6VDC	3.70	3.52	3.33	2.59				
RY-197	12VDC	3.70	3.52	3.33	2.59				



GUARDIAN SERIES 200 (UNIVERSAL)

Assorted coils, contact assemblies and contact parts sets for assembling over 70 different relays. Contact assemblies come either in standard or midsize sizes, both sizes can be used with standard coils. Contacts are rated at 115 volts, 60 cycle AC, with non-inductive load. Use parts sets for adding additional poles to standard contacts. Size: standard relay 2 $\frac{7}{8}$ "x1 $\frac{1}{2}$ "x1 $\frac{1}{4}$ ", midsize relay 2 $\frac{1}{2}$ "x1 $\frac{1}{2}$ "x1 $\frac{1}{4}$ ". Av. shpg. wt., 4 oz.

Volts	No.	AC Coils		DC Coils	
		1-24	25-49	No.	1-24 25-49
6	RY-410	1.75	1.58	RY-411	1.90 1.71
12	RY-412	1.75	1.58	RY-413	1.90 1.71
24	RY-414	1.75	1.58	RY-415	1.90 1.71
32				RY-416	1.90 1.71
110	RY-417	2.05	1.85	RY-418	2.50 2.25
230	RY-419	2.70	2.43		
5000 μ				RY-420	2.20 1.98

*Plate Coil

CONTACT ASSEMBLIES

Stock No.	Description	NET EACH		
		1-24	25-49	50-99
RY-421	Std. SPDT, 8 Amps	1.50	1.35	1.28
RY-422	Std. DPDT, 8 Amps	2.00	1.80	1.70
RY-423	Std. DPDT, 12.5 Amps	2.25	2.03	1.91
RY-424	Std. 4PDT, 8 Amps	3.50	3.15	2.98
RY-425	Midsize SPDT, 10 Amps	1.40	1.26	1.19
RY-426	Midsize DPDT, 10 Amps	1.75	1.58	1.49
RY-427	Midsize 4PDT, 8 Amps	2.85	2.57	2.42
RY-428	Std. Parts set for RY-422 and RY-421	1.50	1.35	1.28
RY-429	Midsize Parts set for RY-425 and RY-426	1.50	1.35	1.28

RELAYS • KURMAN-AMPERITE-SIGMA • RELAYS




SERIES T002—SUB-MINIATURE—Highest quality sensitive relay meeting both military and commercial DC requirements. Sensitivity—40 milli-watts—DPDT. Mounting 2 4-40 screws on 1/2" centers. Size: 9.75x1 3/4". Shpg. wt., 9 oz.

Stock No.	Coil Res. Ohms	Oper. Cur.	1-10 Each	11-25 Each	26-50 Each	51-75 Each
RY-343	2000	4.5MA	15.10	14.35	13.59	12.84
RY-344	5000	2.8MA	16.25	15.44	14.63	13.81
RY-345	8000	2.2MA	16.75	15.91	15.08	14.24




SERIES 51 C-Midget—Smallest lightest plate circuit relay offering self wiping contacts. DC only. Standard adjustment—10 Milliwatts. 51CB44D Factory adjusted at 5 Milliwatts. Adjustable 2 amp except* 1 amp. SPDT Screw Contacts Mounting 2 6-32 tapped holes on 0.437" centers. Operating Current: 51CA43D 1.3 MA, 44D-.06MA. Size: 1 1/2 x 1 3/8 x 1 1/2". Shpg. wt., 6 oz.

Stock No.	Kurman Type	Coil Res. Ohms	1-10 Each	11-25 Each	26-50 Each	51-75 Each
RY-346	51CA43D	8000	5.50	5.22	4.95	4.67
RY-347	51CB44D	13,000	5.95	5.65	5.35	5.06



SERIES 501C—All standard operating characteristics of Series 51C enclosed in Polystyrene plug-in unit. Relay easily removable for adjustments. 8 pin octal plug-in. All 2 amps except* 1 Amp. Operating current: 501CA37D-4.5MA, 40-2.3 MA, 42D-1.4MA, 43D-1.2MA, 44D-.06MA. Size: 1 3/8 x 2 1/8". Shpg. wt., 9 oz.

Stock No.	Kurman Type	Coil Resistance	1-10 Each	11-25 Each	26-50 Each	51-75 Each
RY-348	501CA37D	500	5.95	5.65	5.35	5.06
RY-349	501CA40D	2000	5.95	5.65	5.35	5.06
RY-350	501CA42D	5000	6.50	6.17	5.85	5.53
RY-351	501CA43D	8000	6.50	6.17	5.85	5.53
RY-352	501CB44D	13000	6.95	6.60	6.25	5.71



SERIES 262C-263C—MEDIUM POWER—The DPDT and 3PDT relays feature self-wiping contacts, which will continuously handle 20 amp loads. Can be wired for double make or break operation. AC or DC coils. This high speed relay will handle the majority of all power applications. Standard operating power: 1 watt DPDT; 1 1/2 watts—3PDT. Mounting: 4 6-32 tapped holes on 3/8"x1 1/8" centers. Shpg. wt., 6 ozs.


TYPE 262C OPDT

Volts	Stock No. AC	Stock No. DC	1-10 Each	11-25 Each	26-50 Each	51-75 Each
6	RY-360	RY-361	6.45	6.19	5.81	5.48
12	RY-362	RY-363	6.45	6.13	5.81	5.48
24	RY-364	RY-365	6.45	6.13	5.81	5.48
110	RY-366	RY-366	7.00	6.65	6.30	5.95
115	RY-367	—	6.45	6.13	5.81	5.48
230	RY-368	—	7.00	6.65	6.30	5.95

TYPE 263C 3PDT

Volts	Stock No. AC	Stock No. DC	1-10 Each	11-25 Each	26-50 Each	51-75 Each
6	RY-369	RY-370	6.95	6.60	6.25	5.71
12	RY-371	RY-372	6.95	6.60	6.25	5.71
24	RY-373	RY-374	6.95	6.60	6.25	5.71
110	—	RY-375	7.50	7.12	6.75	6.38
115	RY-376	—	6.95	6.60	6.25	5.71
230	RY-377	—	7.50	7.12	6.75	6.38

FAMOUS SIGMA 4F RELAYS EXPERIMENTERS SPECIAL



For the builder, experimenter or amateur, described in many magazine articles. 40W friction, clock-type pivot, concentric non-loading, torsion-type spring. For use in vacuum tubes or other DC circuits providing 20 milliwatts or more and requiring a compact, high quality relay. Has wide range of precision adjustment SPDT, silver contacts, rated 2 amp at 24V DC or 115V AC. 8000 Ohm coil. Operating current 1.4 mA; releases at 0.75 ma. 1 1/2 x 1 1/8 x 1 1/2". Shpg. wt., 8 oz. RY-400 Sigma 4F Net 6.00

KURMAN RELAYS



SERIES KX1-MICRO MINIATURE Equipped with special DPDT 2 amp contacts rated to carry any load from dry circuit to full rating, 1/10" grid space header. Nominal operating power 250 milliwatts. All solder conn. except* plug in. Withstands 20G, 2000 cycle vibration and 50G shock immunity. Frictionless bearing assures long life. Case O plug in type. Case D flange mt. middle of case. Case C stud M rear of case. Case E flange mt. front of case. Size: .875 x .80 x .40. Shpg. wt., 4 oz.

TYPE KX1P20 — CASE STYLE O

Stock No.	Coil Volts	1-10 Each	11-25 Each	26-50 Each	51-75 Each
RY-304	6VDC	15.95	15.15	14.36	13.55
RY-305	12VDC	15.95	15.15	14.36	13.55
RY-306	24VDC	15.95	15.15	14.36	13.55

TYPE KX1H20 — CASE STYLE O

RY-307	6VDC	16.20	15.38	14.68	13.77
RY-308	12VDC	16.20	15.38	14.68	13.77
RY-309	24VDC	16.20	15.38	14.68	13.77

TYPE KX1H2C — CASE STYLE C

RY-310	6VDC	16.20	15.38	14.68	13.77
RY-311	12VDC	16.20	15.38	14.68	13.77
RY-312	24VDC	16.20	15.38	14.68	13.77

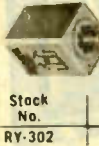
TYPE KX1H2E — CASE STYLE E

RY-313	6VDC	16.20	15.38	14.68	13.77
RY-314	12VDC	16.20	15.38	14.68	13.77
RY-315	24VDC	16.20	15.38	14.68	13.77




=26S20 — HEAVY DUTY — Hermetically sealed, equipped with heavy duty construction, offering contacts rated at 25 amps. Relay operates at 115V AC nominal, and offers a standard DPDT construction. Can be externally wired for double-make or break arrangements. Excellent for all industrial and other remote power controls. Mounting 4 6-32 studs on 1/4 x 1 1/8" centers. Shpg. wt., 1 lb.

Stock No.	1-10 Each	11-25 Each	26-50 Each	51-75 Each
RY-301	14.80	14.08	13.32	12.58



=26S01 — MEDIUM POWER—Hermetically sealed relay. DPDT contacts—rated at 10 amps. 115V AC nominal coil operation. Equipped with octal plug-in. Small enclosures. Mounting: 8 pin octal plug-in.

Stock No.	1-10 Each	11-25 Each	26-50 Each	51-75 Each
RY-302	12.85	12.21	11.67	10.92



SM004F—400 CYCLE—Equipped with internal rectifiers. Nominal operation—110V AC, 400 cycle (this relay can be used on frequencies as low as 60 cps). 4PDT contacts rated at 3 amp. Excellent vibration and shock characteristics. Solder lug terminals. Mounting: 3 6-32 studs on 1/2"x1 1/8" centers.


Stock No.	1-10 Each	11-25 Each	26-50 Each	51-75 Each
RY-303	13.60	12.92	12.24	11.56

HEAVY DUTY LOCK SWITCH



- For Burglar Alarm Systems
- Hidden Auto Disconnect
- Power Tool Safety Switch


Heavy duty bakelite construction insures minimum internal resistance and greater current carrying capacity. Extra heavy contacts. Terminals set for simple installation—well recessed to prevent shorting. Installs in any hole from 3/8" to 1 1/8" in dia., in any panel up to 3/4" thick. Two terminal single throw. Key can be removed in both "on" and "off" position. Prevents tampering with automotive equipment—power tools—electrical appliances. Activates alarm systems—only key can shut off. Suitable for marine equipment. With 2 keys. Shpg. wt., 8 ozs. Net 1.29



SERIES 230—DUST COVERED MIDGET—Light weight (1 1/2 ozs.) sensitive relay, ideal for all circuits where space, economy and current drain are critical. SPDT, AC operation. Adjustable screw and spring tension. Mounting: 2 6-32 tapped holes on 0.437" centers. Enclosed in clear polystyrene case. Mounting: 8 pin octal plug-in. Size: 1 3/8 x 2 1/8". Shpg. wt., 9 oz.

TYPE 230 AC

Stock No.	Kurman Type	Overating Voltage	1-10 Each	11-25 Each	26-50 Each	51-75 Each
RY-357	23D83	6	5.85	5.56	5.27	4.98
RY-358	23D86	12	5.85	5.56	5.27	4.98
RY-359	23D89	24	5.85	5.56	5.27	4.98



HERMETICALLY SEALED SM004E—MINIATURE TELEPHONE—This relay equipped with 4PDT contacts rated at 3 amp. Operating from a 26.5V DC nominal input source. Solder lug terminals. Hermetic enclosure makes the relay impervious to all detrimental conditions, including contaminating gases, dust, salt, etc. Mounting: 3 6-32 studs on 1/2"x1 1/8" centers. Shpg. wt., 1 lb.

Stock No.	1-10 Each	11-25 Each	26-50 Each	51-75 Each
RY-300	10.30	9.78	9.27	8.76



SERIES 260—DUST COVER—In clear polystyrene enclosure. Available up to 3PDT with standard contacts rated at 10 amps. Mounting: 8 pin octal plug-in for standard DPDT; 11 pin octal plug-in for 3PDT. 1 3/8 x 2 1/8". Shpg. wt., 8 oz.

TYPE 2601C SPDT


Volts	Stock No. AC	Stock No. DC	1-10 Each	11-25 Each	26-50 Each	51-75 Each
6	RY-316	RY-317	5.45	5.18	4.91	4.63
12	RY-318	RY-319	5.45	5.18	4.91	4.63
24	RY-320	RY-321	5.45	5.18	4.91	4.63
110	RY-322	RY-322	5.95	5.65	5.35	5.06
115	RY-323	—	5.45	5.18	4.91	4.63
230	RY-324	—	6.15	5.85	5.54	5.23

TYPE 2602C OPDT

Volts	Stock No. AC	Stock No. DC	1-10 Each	11-25 Each	26-50 Each	51-75 Each
6	RY-325	RY-326	6.45	6.13	5.81	5.48
12	RY-327	RY-328	6.45	6.13	5.81	5.48
24	RY-329	RY-330	6.45	6.13	5.81	5.48
110	RY-332	RY-331	7.00	6.65	6.30	5.95
115	RY-333	—	6.45	6.13	5.81	5.48
230	RY-333	—	8.00	7.60	7.20	6.80

TYPE 2603C 3PDT

Volts	Stock No. AC	Stock No. DC	1-10 Each	11-25 Each	26-50 Each	51-75 Each
6	RY-334	RY-335	7.95	7.55	7.16	6.76
12	RY-336	RY-337	7.95	7.55	7.16	6.76
24	RY-338	RY-339	7.95	7.55	7.16	6.76
110	—	RY-340	8.50	8.07	7.65	7.23
115	RY-341	—	7.95	7.55	7.16	6.76
230	RY-342	—	8.50	8.07	7.65	7.23



AMPERITE THERMOSTATIC DELAY RELAYS

Heater-actuated time-delay relays. Operate on AC, DC or pulsating current. Hermetically sealed in glass envelope with octal base. SPST, normally open, closed by heater after delay (in seconds). Heater draws only 2 watts. Contacts rated 3 amp. at 115V AC or 0.5 amp. at 220V AC. Shpg. wt., 4 oz. Please specify both mfrs. no. and our stock no.

Delay Sec.	Normally Open		Normally Closed	
	6.3V AC-OC	115V AC-DC	6.3V AC-OC	115V AC-DC
2	6N02	115N02	6C2	115C2
5	6N05	115N05	6C5	115C5
10	6N010	115N010	6C10	115C10
15	6N015	115N015	6C15	115C15
20	6N020	115N020	6C20	115C20
30	6N030	115N030	6C30	115C30
45	6N045	115N045	6C45	115C45
60	6N060	115N060	6C60	115C60
75	6N075	115N075	6C75	115C75
90	6N090	115N090	6C90	115C90
120	6N0120	115N0120	6C120	115C120
150	6N0150	—	6C150	—
180	6N0180	—	6C180	—

Net each 2.35

MINIATURE RELAYS. All above types available in miniature sizes. 9-pin, 3/8 x 2 3/8". When ordering, specify type no., adding letter "T" following type number. Example: 6N02T and our Stock No. Shpg. wt., 3 oz. RY-441 Net each 2.35

LAFAYETTE SPECIALS RELAY-TIMERS AND COUNTERS

LAFAYETTE SPECIAL!

HIGH SENSITIVITY METER RELAY

- METER MOVEMENT
- CLOSES CIRCUIT AT 2 MILS

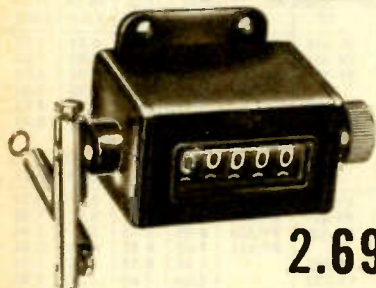


Extremely sensitive meter type relay. Normally open. Ideally suited for uses with model railroad, photoelectric relay circuit, baby-tenders, remote control toys, remote control boats, fire alarm, and many other practical applications. Precision-built meter movement provides virtually friction-free movement. Contact will close at 2 milliamps. Internal resistance 1500 ohms. Meter movement rated 5 ma continuous, 10 ma momentary; contacts rated 500 ma continuous, momentary 1 amp at 3v and 250 ma at 6 v with resistive load. Sensitivity, 2.5-.6 mw. Internally adjustable. Relay is enclosed entirely and transparent cover permits observation. Solder pins are placed externally for easy connections. Size: 1 3/4 x 1 3/8 x 1 3/4". Shpg. wt., 8 ozs.

F-482 Net 3.95

5-DIGIT STROKE-ACTUATED RESET COUNTER

- Complete with Arm and Spring
- For Machine Mounting
- Registers up to 99,999

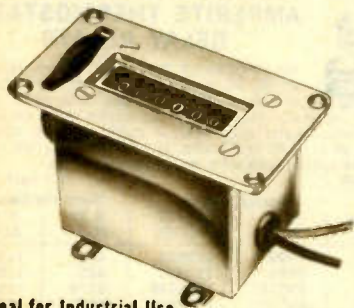


2.69

Easy-to-mount rugged counter for counting machine operations. One count per stroke. Drilled mounting flange; actuating arm and spring. May be manually or solenoid actuated. Reads up to 99,999; side knob easily resets to zero from any number. Overall size: 2 1/2 x 1 1/4 x 1 3/8". Shpg. wt., 1/2 lb.

F-190 Reset Counter Net 2.69

6-DIGIT ELECTRIC COUNTER

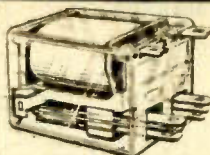


- Ideal for Industrial Use
- Registers from 1 to 999,999
- Compare to \$20.00 Units!

9.95

Imagine a 6-digit electric counter for only 9.95! This compact unit features a removable front plate for easy panel mounting. May be actuated by any switch, relay, etc. Operates in any position. White figures on a black background read up to 999,999. Built-in selenium rectifier, DC operated solenoid, chrome-plated case and panel, 6" leads 110V. AC, 50/60 Cycles. Size: 2 1/2 x 2 x 1 3/4". Front plate 3 3/4 x 2". Shpg. wt., 1 1/2 lbs.

F-553 Electric Counter Net 9.95



SENSITIVE MINIATURE



ONLY \$2.95 ea. WHILE THEY LAST

Extremely small, sensitive relay — weighs only 1/2 oz.! Double-pole double-throw, with silver and silver-gold-platinum alloy contacts. Contacts handle up to 100 volts at 300 ma. (30 watts). Coil measures 5300 ohms dc resistance-rated at 4.1 ma. dc. pull-in current, 0.95 ma. dc. drop-out. Enclosed in transparent plastic dust cover; Operating time 2-8 milliseconds; release time about 1.5 msecs. Breakdown voltage ratings: coil to frame, 500V.; contacts to frame 350V. Measures 1 1/4 x 1 1/4 x 7/8". Ideal for model control, photocell relay, carrier-current control and dozens of other miniature applications. Shpg. wt., 4 oz.

F-332—DPDT Miniature DC Relay Net 2.95

As above, but 4-pole double throw; pull-in current 6.3 ma. dc.; drop-out 3.3 ma. dc. Weighs 2/3 oz. 3/4 x 1 1/2 x 1 1/8". Shpg. wt., 4 oz.

F-333—4P-DT Miniature Relay Net 3.95



TELECHRON TIMER SWITCH

Turn on any Appliance up to 1650 watts.

3.95

Genuine Telechron mechanism. Complete 24 hour movement. Can be set to turn on any radio, TV or similar electrical appliance at any preset time. Gold finish dial — black lettering. Timer sets from rear. On-off-auto switch in front. Size 3 1/2" square, 1 3/4" deep. Set shaft extends 5 1/2" to rear. SPST switch, rated 15 amps at 115 volts. For 110-120V, 60 cy. AC only. Shpg. wt., 2 lbs. MS-793 Net 3.95

TELECHRON TIMER SWITCH

- Radio — TV — Appliance Timer
- 60 Minute Sleep Switch
- Simple Installation
- Rated to Handle 1650 watt load
- Efficient Accurate Time Control

5.40

Automatically turns on radios—TV sets—tape recorders—"ham" rigs—electrical appliances—at any preset time in a 12 hour period. "Sleep-Switch" allows up to 60 minutes of continuous run prior to "shut-off." Built in alarm for added convenience of "signaling." As easy to set as any electric clock. All controls on front. On-off-auto, 0 to 60 sleep switch, alarm set and time set. Gold finish dial—black lettering. 3 1/2 square bezel. 1 3/4" deep. SPST rated 15 amps at 115 volts, 1650 watt load capacity. For 110-120V, 60 cy. AC only. Shpg. wt., 2 lbs. MS-794 Net 5.40



HAND TALLY REGISTER

2.29

- 4 Digit Capacity
- Counts 0-9999
- Single Turn Reset Knob

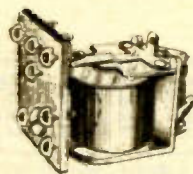


Registers 0 to 9999. Highly polished chromium plated brass case. Attached finger-ring and compact shape for comfort in holding. Plunger operated for smooth, easy action. Large, clearly read numerals. Knurled reset knob sets register to zero in one turn. Precision accuracy for lab, school and industrial users. Invaluable for inventory control — gate checking — traffic, etc. Small Size, approximately 1 1/4 x 1 3/8", permits concealed operation. Shpg. wt., 1/2 lb.

F-48 Net 2.29

LITTLE "JEWEL" REMOTE CONTROL RELAY

1.95



- The Mighty Mite of the R/C Field
- Weighs less than 1/2 oz.!
- Size: 3/4" H, 17/32" W, 1-1/16" L

A natural for remote control receivers, it is highly sensitive, and built to withstand severe crashes. The smallest commercial job available, it weighs less than 1/2 oz. Factory adjusted to pull in at 1.4 MA drop out at 1.2 MA D.C. Single pole, double throw. Used in outstanding R/C receivers. 5,000 ohm coil. IMPORTED TO SAVE YOU MONEY.

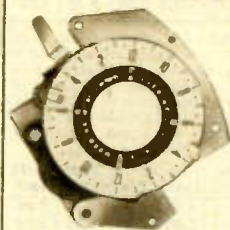
F-260—Relay Net 1.95

LAFAYETTE SPECIAL

AUTOMATIC TIMER MECHANISM

THAT DOES EVERYTHING

5.95

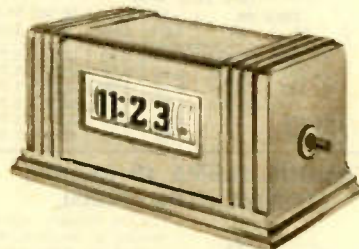


- Turns Appliances On Or Off
- Never Needs To Be Reset
- Handles 1650 Watts
- Operates From 30 Minute To 23 Hr. Cycle

Makes practically everything electrical completely automatic. Will handle load up to 1650 watts. Turns radio on and off — does not have to be reset each night. Defrosts refrigerator — turns lights on and off — controls roaster, electric blanket, washing machine, coffee makers, vaporizers, etc. 30 min. minimum on time — 23 hours maximum. As easy to set as an electric clock. Easy to read 24 hour "day and night" dial. Operates day after day without attention. Can be controlled manually without automatic reset. For 110 volt 60 cycle AC only. Instructions included. Easily built into any case. 3 1/2 x 4 1/4 x 2 1/2" D. Shpg. wt., 2 lbs.

MS-810 Net 5.95

"HAM" Station Call Timers



- 12 and 24 hour Clock and Timer

24 hour "Tymeter" digital read-out clock with 10 minutes station call reminder. Buzzer sounds every 10 minutes as a warning to "sign-in" your call letters. Independent switch turns "timer" on when beginning "QSO." Clock runs regardless of buzzer being on or off. Glo lite, dome shaped, full vision window glows in the dark. Walnut finish case. 4 H x 7 3/4 W x 4" D. UL approved. 110V. 60 c/s A.C. Shpg. wt., 3 lbs.

ML-216 2.00 Down Net 21.90

Same as above in all respects, except 12 hour "Tymeter" instead of 24.

ML-217 Net 18.55

TIMERS for HOME OFFICE & INDUSTRY



INTERMATIC TIME SWITCHES

TYPE T101 TIME SWITCH

Turns equipment "on" and "off" once in 24 hours, or from one to twelve "on" and "off" operations a day can be obtained by use of extra trippers. Extra trippers can be added without removing dial. Min. on or off time 1 hr., max. on or off time 23 hours. Can be turned on or off manually with reset SPST switch rated at 35 amps. 4000 watt capacity. Alloy "T" contacts carry incandescent lighting loads with inrush surge of over 8 times normal rating. Almost immune to pitting, arcing, sticking. Has convenient mounting holes and knockouts. Large numbers—easy to set. Gray steel case—hinged door—can be locked or sealed. UL approved. Operates on 110 volt 60 cycle AC only. Size 7 $\frac{3}{4}$ x5x3"D. Shpg. wt., 4 lbs.

MS-82 Lots of 6 ea. 7.17. Singly ea. 7.77

P-101 Similar to T101 except case is equipped with 6 ft. cord set for plug-in and receptacle. Capacity 1250 watts.

MS-360 Shpg. wt., 6 lbs. 9.07

TYPE T185 TIME SWITCH

- UP TO 14 COMPLETE "ON-OFF" CYCLES
- EACH CYCLE INDIVIDUALLY ADJUSTABLE FOR 5 TO 60 MINUTE OPERATION • 4000 WATT CAPACITY

Versatile timer for applications where multiple "on-off" cycles of 5 to 60 minutes are required within a 24 hr. period. A minute selector is provided on each specially designed tripper for setting the number of minutes, (5 to 60), the "on-off" cycle will operate. Up to 14 trippers can be used at the same time. Minimum interval between start of each cycle, 1 $\frac{3}{4}$ hrs. rated 35 amps. 125 volts, AC. Special alloy "T" contacts. High-torque slow-speed dependable precise timing motor. Gray steel case 7 $\frac{3}{4}$ x5x3". With 3 trippers (for 2 "on-off" cycles). For 110-125 volts, 60 cycles. AC. Shpg. wt., 4 lbs.

MS-143 Lots of 6 ea. 10.77. Singly ea. 11.67

Extra Trippers for above. One Tripper for each additional "on-off" cycle. Wt. 4 oz. Net .84

MS-144

TYPE T171 "SKIPPER" TIME SWITCH

- SKIPS OPERATIONS ON SELECTED DAYS
- 4000 WATT CAPACITY

An ingenious time switch that not only automatically turns equipment on or off, but will skip operations on any selected days. Ideal where offices or factories are closed on Saturdays, Sundays or Holidays. Turns "on and off" once every 24 hours with single set of trippers supplied, but up to 11 on and off operations can be had by adding extra trippers listed below. Supplied with 3 skipping screws; more can be added. Also has 1 cutout tripper which advances day dial automatically. Special alloy "T" contacts will carry incandescent lighting loads with inrush surge of more than 8 times normal rating. Almost immune to pitting, arcing, sticking. Min. on or off time 1 hour, maximum 23 hours. Size 7 $\frac{3}{4}$ x5x3". Shpg. wt., 4 lbs. For 110-120V 60 cycle AC operation S.P.S.T.—Skips "ON" Operation.

MS-130 Lots of 6, ea. 10.17. Singly ea. 11.02

Type T175—Single Pole Double Throw. Opens one circuit and closes another. Skips either "ON" or "OFF" operation. Shpg. wt., 4 lbs.

MS-146 Lots of 6, ea. 11.37. Singly ea. 12.32

Type P171—Portable Plug-in version of Type T171 Switch. SPST. Capacity 1250 watts (contacts 10 amps). Shpg. wt., 6 lbs.

MS-361 Lots of 6, ea. 11.37. Singly ea. 12.32

TYPE T109 POULTRY TIME SWITCH

Prolongs daylight in winter and fall. Gives you additional eggs when egg prices are highest. Designed for morning and evening lighting or evening lighting alone. Provides automatic 20-minute "dimming" period after bright lights go "off" enabling hens to reach roost safely. Controls one circuit for bright lights, another circuit for dim lights. Capacity: "Bright"—3000 watts (24 amperes at 125 volts), "Dim"—1000 watts (8 amperes at 125 volts). Gray steel case 7 $\frac{3}{4}$ x5x3". For 110 to 125 volts, 60 cycle, AC. Shpg. wt., 4 lbs.

MS-145 Lots of 6, ea. 8.37. Singly ea. 9.07

SWITCH ACCESSORIES

TRIPPERS—Set of ON-OFF units (one of each) for all models except T-185, G-8301-S, V-21003, T1101, P961 and P965.

MS-83 per set. Shpg. wt., 2 oz. Net .26

COMB. ON-CUTOFF TRIPPER. For "Skipper" types only. MS-134 Shpg. wt., 2 oz. Net .18

SKIPPING SCREW. For "Skipper" types only. MS-133 Shpg. wt., 2 oz. Net .04

PROGRAM TIME SWITCH TYPE T965

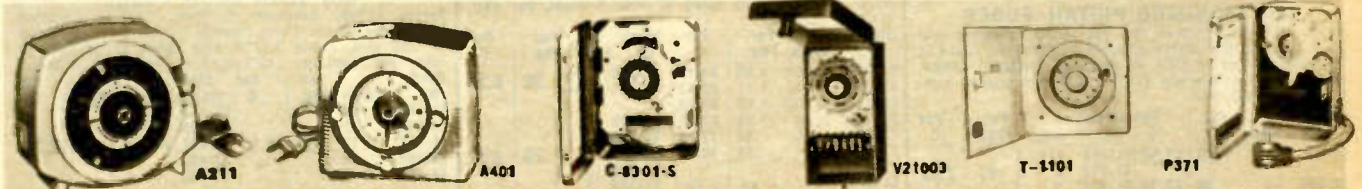
• FOR 1 TO 96 ON-OFF OPERATIONS EVERY 24 HOURS
An exceptionally useful program timer designed for 24 hour control of applications requiring many ON-OFF operations in 15 minute increments. Can be set for as many as 48 ON and 48 OFF operations of 15 minute duration during any 24 hour period. Minimum "ON" or "OFF" period is 15 minutes; maximum "ON" or "OFF" period is 23 hours 45 minutes. Ideal for control of heating, air-conditioning, ventilating, programming music, oil-well pumping, poultry feeders, process timings, etc. To set schedule simply depress the proper permanently-attached trippers that slide in and out of dial for fast, accurate setting. Dial is black on yellow for full, easy visibility. Mechanism readily removable from case by pressing single spring clasp. Constructed for easy installation. Single Pole Single Throw—normally open switch. Contacts rated to handle 20 amps at 125 volts 60 cycle, AC. Repeats cycle without resetting. 7 $\frac{3}{4}$ x5x3". Shpg. wt., 4 lbs.

MS-362—For 105-125V; 60 Cycle AC.

Lots of 6, ea. 21.90. Singly, ea. 23.73

Type P961—Portable Plug-in version of Type T965. Contacts rated 10 amps at 125 volts—60 cycle AC. Shpg. wt., 6 lbs.

MS-363 Lots of 6, ea. 23.70. Singly, ea. 25.68



INTERMATIC TIMERS MODEL A211 TIME-ALL

• THE AUTOMATIC TIMER WITH THE MIRACLE MEMORY
Makes practically everything electrical completely automatic. Will handle load up to 1650 watts. Turns radio on and off—does not have to be reset each night. Defrosts refrigerator—turns lights on and off—controls roaster, electric blanket, washing machine, coffee makers, vaporizers, etc. 30 min. minimum on time—23 hours maximum. As easy to set as an electric clock. Stands on any surface—can be hung on wall. Easy-to-read 24 hour "day and night" dial. Operates day after day without attention. Special alloy "T". Can be controlled manually without automatic reset. Plug-in receptacle for equipment to be controlled. For 110 volt 60 cycle AC only. Complete with 6 ft. cord and plug. Instructions included. 5x4x2 $\frac{1}{2}$ ". Shpg. wt., 2 lbs.

MS-81 Net 7.97

MODEL A221 TIME-ALL Similar to A211 except has capacity of 875 watts. MS-359 Shpg. wt., 2 lbs. 7.29

MODEL A401 CLOCK TIMER

Not only tells time, but turns appliances both on and off automatically for periods of 15 minutes to 5 $\frac{1}{2}$ hours. Cooks dinner while you're away, wakes you to music, controls electric fans, heaters, radios, TV sets, etc. No installation problem—just plug it in and set. Capacity 1650 watts. Special alloy "T". Plaskon case 4 $\frac{3}{4}$ x4 $\frac{1}{2}$ x2 $\frac{1}{4}$ "D. 6 ft. cord. For 110V 60 cycle AC. Guaranteed for 1 year. Shpg. wt., 3 lbs. Price includes excise tax. MS-104 Net 7.97

"SKIPPER" AIR CONDITIONER TIMER TYPE P371

Portable plug-in timer to automatically turn on or off room air conditioners of 1 HP rating or less. May be set to skip any of seven days. SPST operation rated 15 amperes. For 110-125 volt 60 cycle AC. For single phase 2 wire systems with or without grounding wire. 7 $\frac{3}{4}$ x5x3"D. Gray hammertone finish. With cord set, universal receptacle and 2 to 3 wire adapter. Shpg. wt., 4 $\frac{1}{2}$ lbs.

MS-812 Lots of 6, ea. 11.97. Singly ea. 12.97

MODEL P372. Same as above but for 220-250 volt 60 cycle AC. No adapter and 3 prong receptacle. Shpg. wt., 4 $\frac{1}{2}$ lbs.

MS-813 Lots of 6, ea. 11.97. Singly ea. 12.97

CYCLER TIMER TYPE C-8301-S

Up to 12 sets of ON-OFF trippers may be used to provide repeated operations. ON operations may range from 10 seconds to 11 minutes, 10 seconds, OFF operations from 50 seconds to 11 minutes, 50 seconds. Dial makes complete revolution every 12 minutes. By varying the settings of trippers a vast number of operations are possible. Ideal for ventilating fans, pumps, process timings etc. SPST, rated at 12 amp. For 110-125v. 60 cycle AC. Case 6 $\frac{1}{2}$ x5x3" with 2 comb. knockouts on bottom. Shpg. wt., 2 $\frac{1}{2}$ lbs.

MS-814 Lots of 6, ea. 8.67. Singly ea. 9.39

EXTRA SET ON-OFF TRIPPERS FOR C-8301-S Net .48

MS-815 Shpg. wt., 2 oz. Net .48

LAMP-LYTER TYPE T-1101

For automatic ON-OFF lighting control. Easily installed in wall. Combines timer and toggle switch in 1 unit. Minimum "ON" time is 30 minutes. Can also be turned on or off manually. Time cycle resumes automatically. SPST operation, rated at 15 amps, 1650 watts, $\frac{1}{2}$ HP. For 110-125V AC, 60 cycle. Attractive design. Cover has magnetic lock, concealed hinges. Cover is 6 $\frac{1}{2}$ x6 $\frac{1}{2}$ ", wall box 5x5x2 $\frac{1}{4}$ " with comb. $\frac{1}{2}$ - $\frac{3}{4}$ " knockouts on each side, top and bottom. Shpg. wt., 4 lbs.

MS-811 Net 14.27

7 DAY PROGRAM TIMER TYPE V21003

Provides automatic operation preset for each day of week. Can have different settings for each day and skip selected days. Minimum ON-OFF operation 2 hours any day or night. Black case 10 $\frac{1}{2}$ x5x4 $\frac{1}{4}$ ". $\frac{3}{4}$ " knockouts in sides, back and bottom plus 1" knockout on bottom. DPST operation. Rated 20 amps per pole. For 110-125 volt 60 cycle AC. With 7 sets trippers. Shpg. wt., 6 $\frac{1}{2}$ lbs.

MS-816 Lots of 6, ea. 22.17. Singly ea. 24.02

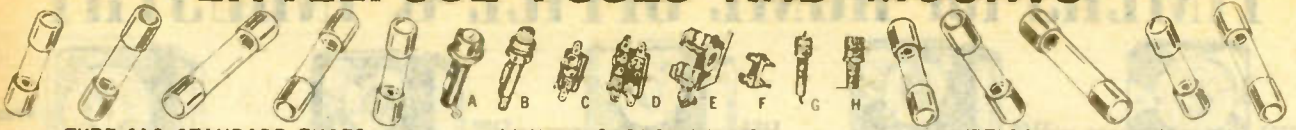
UNIVERSAL ON-OFF TRIPPER FOR V21003

MS-817 Shpg. wt., 2 oz. Net .33

AVAIL YOURSELF OF LAFAYETTE'S 15 DAY TRIAL AND MONEY-BACK GUARANTEE

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LITTLEFUSE FUSES AND MOUNTS



TYPE 3AG STANDARD FUSES

Series 312000. Quick acting for low time-lag applications such as amplifiers—auto radios. U.L. approved. 1 1/4 x 1/4" diam. All rated 250 volt except 8 amp is 125V. 5 fuses per pkg. Shpg. wt., 6 oz.

Stock No.	Amps	Per Pkg.	Per C	Stock No.	Amps	Per Pkg.	Per C
EL-217	1/4	.62	10.29	EL-227	1	.25	4.12
EL-218	1/2			EL-228	1 1/2		
EL-219	.15			EL-229	2		
EL-220	.175			EL-230	3	.22	3.63
EL-221	3/4			EL-231	4		
EL-222	1/4	.41	6.88	EL-232	5	.30	5.15
EL-223	3/10			EL-233	6		
EL-224	3/8			EL-234	8		
EL-225	1/2					.44	7.35
EL-228	3/4						

TYPE 3AG SLOW BLOW FUSES

Series 313000. High time-lag to withstand heavy surges, blows quickly on shorts. Units through 5 amp are rated 125 volts and are UL approved, above 5 amp rated 32 volt. 5 fuses per pkg. 1 1/4 x 1/4" diam. Shpg. wt., 6 oz.

Stock No.	Amps	Per Pkg.	Per C	Stock No.	Amps	Per Pkg.	Per C
EL-235	1/100	1.15	19.11	EL-253	1	.82	13.72
EL-236	1/2			EL-254	1 1/4		
EL-237	1/4	.82	13.72	EL-255	1 1/2	.76	12.74
EL-238	1/10			EL-256	1-6/10		
EL-239	1/8			EL-257	2		
EL-240	.15	.82	13.72	EL-258	2 1/2	.62	10.29
EL-241	.175			EL-259	3		
EL-242	3/8			EL-260	3.2		
EL-243	2/10			EL-261	4		
EL-244	1/4			EL-262	5		
EL-245	3/10	.82	13.72	EL-263	6 1/4	.62	10.29
EL-246	3/8			EL-264	8		
EL-247	4/10			EL-265	10		
EL-248	1/2			EL-266	15		
EL-249	6/10			.82	13.72	EL-267	20
EL-250	7/10	EL-268	25				
EL-251	3/4	EL-269	30				
EL-252	8/10						

3AG STANDARD PIGTAIL FUSES

Series 318000. Designed for use in TV receivers and other applications where absolute economy in space is necessary. Rated at 250V. UL approved through 3 amps. 1 1/4 x 1/4" diam., pigtails 1 1/2" ±20 tinned copper wire. 5 fuses per pkg. 6 oz.

Stock No.	Amps	Per Pkg.	Per C	Stock No.	Amps	Per Pkg.	Per C
EL-305	1/4	1.03	17.50	EL-312	1 1/2	.47	7.85
EL-306	1/2			EL-313	2		
EL-307	1/4	.62	10.29	EL-314	3	.50	8.33
EL-308	3/8			EL-315	4		
EL-310	3/4			EL-316	5		
EL-311	1	.47	7.84	EL-317	6		

3AG SLOW BLOW PIGTAIL FUSES

Series 315000. Widely used in TV receivers. Designed to withstand heavy surges and instantaneous peaks yet quick acting under short circuit. All rated 125 Volt. UL approved through 3.2 amp. 1 1/4 x 1/4" diam., pigtails 1 1/2" ±20 tinned copper wire. 5 fuses per pkg. Shpg. wt., 6 oz.

Stock No.	Amps	Per Pkg.	Per C	Stock No.	Amps	Per Pkg.	Per C
EL-280	1/100	1.38	23.03	EL-293	3/4	1.05	17.15
EL-281	1/2			EL-294	8/10		
EL-282	1/4	1.05	17.15	EL-295	1	.97	16.17
EL-283	1/10			EL-296	1 1/4		
EL-284	.15			EL-297	1 1/2		
EL-285	3/8			EL-298	1-6/10		
EL-286	2/10			EL-299	2		
EL-287	1/4	1.05	17.15	EL-300	2 1/2	.82	13.72
EL-288	3/10			EL-301	3		
EL-289	3/8			EL-302	3.2		
EL-290	4/10			EL-303	4		
EL-291	1/2			EL-304	5		
EL-292	6/10						

LIMITED CURRENT FUSES

Series 332000. Exact TV replacements. Fuses match holders for specific size ranges. Rated 250 volt through 6 amps and 125 volt above 7 amps. 5 fuses per pkg. Shpg. wt., 6 oz.

Stock No.	Amps	Per Pkg.	Per C	Stock No.	Amps	Per Pkg.	Per C
EL-318	1/2	1.29	21.56	EL-330	1 1/4	.27	4.66
EL-319	3/4			EL-331	2		
EL-320	1/2	.71	10.78	EL-332	2 1/2	.36	6.13
EL-321	3/4			EL-333	3		
EL-322	1/4	.50	8.33	EL-334	3 1/2	.53	8.82
EL-323	3/10			EL-335	4		
EL-324	3/8			EL-336	5		
EL-325	1/2			EL-337	6		
EL-326	3/4			EL-338	7		
EL-327	1	.27	4.66	EL-339	8	.56	9.31
EL-328	1 1/4			EL-340	10		
EL-329	1 1/2						

SLOW BLOW LIMITED CURRENT FUSES

Series 333000. Exact TV replacement. Fuse matched to fuseholder. All rated 125 volts except 6 1/4 and 7 amp rated 32 volt. 5 fuses per pkg. Shpg. wt., 6 oz.

Stock No.	Amps	Per Pkg.	Per C	Stock No.	Amps	Per Pkg.	Per C
EL-341	1/100	1.21	20.09	EL-354	1	.86	14.46
EL-342	1/2			EL-355	1 1/4		
EL-343	1/4	.86	14.46	EL-356	1-6/10	.79	13.23
EL-344	1/10			EL-357	1 1/4		
EL-345	.15			EL-358	2		
EL-346	2/10			EL-359	2 1/2		
EL-347	1/4			EL-360	2-8/10		
EL-348	3/10	.86	14.46	EL-361	3-2/10	.74	12.25
EL-349	4/10			EL-362	3 1/2		
EL-350	1/2			EL-363	4		
EL-351	6/10			EL-364	5		
EL-352	3/4			EL-365	6 1/4		
EL-353	8/10			EL-366	7	.74	12.25

TYPE 8AG INSTRUMENT FUSES

Series 361000. Designed for high-speed action to protect delicate electrical equipment. All rated at 250 volts, except 5 amp rated 32 volt. 5 fuses per pkg. 1 1/4 x 1/4" diam. 6 oz.

Stock No.	Amps	Per Pkg.	Per C	Stock No.	Amps	Per Pkg.	Per C
EL-375	1.500	4.09	68.11	EL-383	1/2	.39	6.37
EL-376	1.200	1.71	28.42	EL-384	3/4		
EL-377	1/100	1.82	25.48	EL-385	1	.29	4.90
EL-378	1/32	1.33	22.05	EL-386	1 1/2		
EL-379	1/16	.82	13.72	EL-387	2		
EL-380	1/8	.62	10.29	EL-388	3	.39	6.37
EL-381	1/4			EL-389	5		
EL-382	3/8						

TYPE 3AB FUSES

Series 31400. Slatite enclosed, ARC-Quenching Powder filled fuses. Will not shatter against quick shorts. Medium time lag, types through 15 Amp UL approved. All 250 Volt except 30 amps 125 volt. 1 1/4" L x 1/4" Dia. 5 fuses per pkg. Shpg. wt., 6 oz.

Stock No.	Amps	Per Pkg.	Per C	Stock No.	Amps	Per Pkg.	Per C
EL-270	1	.53	8.82	EL-275	10	.50	8.33
EL-271	2			EL-276	12		
EL-272	3			EL-277	15		
EL-273	5	.50	8.33	EL-278	20	.53	8.82
EL-274	8			EL-279	30		

4AG STRAIGHT-ELEMENT FUSES

Series 41700. Medium lag fuses for applications where a larger size fuse is desirable and vibration is not a factor. All rated 32 volt except 1, 2 and 3 Amp rated 250 V. 5 fuses per package. 1 1/4" L x 1/2" Dia. 6 oz.

Stock No.	Amps	Per Pkg.	Per C	Stock No.	Amps	Per Pkg.	Per C
EL-433	1	.41	6.86	EL-439	20	.35	5.88
EL-434	2			EL-440	25		
EL-435	3			EL-441	30		
EL-436	5	.35	5.88	EL-442	35	.41	6.86
EL-437	10			EL-443	40		
EL-438	15			EL-444	50		

LITTLEFUSE MOUNTINGS AND EXTRACTOR POSTS

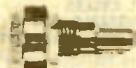
Mounts and fuse holders for every application. *Includes fuse. Avg. shpg. wt., 3 oz.

No.	Fig.	For Fuses	Description	Net Ea.
EL-367	A	3AG, 3AB	Panel mount, screw slot	.41
EL-368	B	3AG, 3AB	Panel mount, finger knob	.41
EL-399	A	8AG	Panel mount, screw slot	.41
EL-400	B	8AG	Panel mount, finger knob	.41
EL-374	C	3AG, 3AB	Single fuse, lug terminal	.13
EL-403	C	8AG	Single fuse, lug terminal	.13
EL-372	C	3AG, 3AB	Single fuse, screw term.	.27
EL-373	D	3AG, 3AB	Double fuse, lug term.	.13
EL-404	D	8AG	Double fuse, lug term.	.13
EL-402	E	8AG	Meter-back mtg.	.21
EL-401	F	8AG	Below panel mtg.	.35
EL-371	F	3AG, 3AB	Below panel mtg.	.35
EL-205	G*	SFE(9A)	Auto inline fuse retainer	.30
EL-206	G*	SFE(14A)	Auto inline fuse retainer	.30
EL-207	G*	SFE(20A)	Auto inline fuse retainer	.30
EL-369	H	3AG	Minia. fuse extractor post	.35

MINIATURE FUSE EXTRACTOR POST

Shortest 3AG fuse post. Test Prod. hole in knurled knob. Terminals designed for easy soldering. Shortest behind Panel length 1 1/32". Rated at 15 Amps 250 Volts. Shpg. wt., 3 oz.

EL-370 Littlefuse No. 342012 Net .30



3AG INDICATING FUSE POSTS

Series 344000. Fuse holder with foolproof neon indicator that lights when the fuse blows. Mounts in 5/8" Diameter "D" hole with an overall length of 2 3/8" including the inserted fuse. Comes in models for voltages between 2 1/2 and 250 volts with a maximum current rating of 20 amps.

Stock No.	Mfr. No.	Volts	Net Each
EL-455	344006	2-5.7	2.17
EL-456	344012	7-16	2.17
EL-457	344024	16-32	2.17
EL-458	344125	90-125	1.32
EL-459	344250	200-250	1.32

4AG SLOW BLOW FUSES

Series 41300. Designed to meet Aircraft Vibration test requirements. Units through 3-2/10 amp are rated at 250 volt. Above 3-1/10 amp rated at 32 volt. 5 fuses per package. 1 1/4" L x 1/2" Dia. Shpg. wt., 6 oz.

Stock No.	Amps	Per Pkg.	Per C	Stock No.	Amps	Per Pkg.	Per C
EL-405	1/10	1.09	18.13	EL-419	2 1/2	.82	13.72
EL-406	15			EL-420	3		
EL-407	2/10	1.09	18.13	EL-421	3-2/10	.82	13.72
EL-408	1/4			EL-422	4		
EL-409	3/10			EL-423	5		
EL-410	4/10	1.09	18.13	EL-424	6 1/4	.82	13.72
EL-411	1/2			EL-425	8		
EL-412	6/10			EL-426	10		
EL-413	3/4			EL-427	15		
EL-414	8/10			EL-428	20		
EL-415	1	1.09	18.13	EL-429	25	.82	13.72
EL-416	1 1/4			EL-430	30		
EL-417	1-6/10			EL-431	35		
EL-418	2			EL-432	40		

5AG STRAIGHT-ELEMENT FUSES

Series 517000. Specifications same as 4AG straight-element fuse except size which is 1 1/2" L x 1/2" Dia. 5 fuses per package. Shpg. wt., 6 oz.

Stock No.	Amps	Per Pkg.	Per C	Stock No.	Amps	Per Pkg.	Per C
EL-445	1	.50	8.33	EL-450	10	.47	7.84
EL-446	2			EL-451	15		
EL-447	3			EL-452	20		
EL-448	4			EL-453	25		
EL-449	5	.47	7.84	EL-454	30	.47	7.84



SNAP-ON FUSE HOLDER

For fast replacement of pigtail fuses. One side of dual holder clips on to blown fuse. New fuse fits into other side.

MS-259 wt., 4 oz. Each 8c 10 for 70c

FUSES — RELAYS — MOTORS — TIMERS

LITTLEFUSE PRODUCTS MEDIUM LAG FUSES

362000 Series Littlefuses — Medium lag fuses designed to standard N.E.C. blowing specifications. This smaller fuse is used in situations where size is a factor because of space limitation or the need to differentiate physically between two fuses in close proximity. Approved by Underwriters' Laboratories. Shpg. wt., 6 oz.

Stock No.	Amps	Per Pkg.	Per C	Stock No.	Amps	Per Pkg.	Per C
EL-390	1/4	46	7.37	EL-394	1	25	3.92
EL-391	1/4	28	4.42	EL-395	1 1/2	25	3.92
EL-392	3/8	28	4.42	EL-396	2	25	3.92
EL-393	1/2	28	4.42	EL-397	3	25	3.92
EL-461	3/4	28	4.42	EL-398	5	16	2.69

EUROPEAN EQUIPMENT FUSES

Used in Europa Instruments, tape recorders, Radios, Hi-Fi equipment and Hickock test equipment. 1/2, 1/4, 1/8, Dia. 5 fuses Per Package. Shpg. wt., 6 oz.

Stock No.	Mfr. No.	Amps	Per Package	Per C
EL-208	271.500	1/2	.89	14.70
EL-209	27101.5	1 1/2	.75	12.25

32 VOLT AUTO FUSES

Medium acting fuses designed for auto use. Sizes to SAE specifications, length according to current rating to guard against over-fusing. 7 1/2 amp is type 7AG 30307.5 used in new 12V cars. For Buss. specify SFE. All 1/4" diam. 5 fuses per pkg. Shpg. wt., 6 oz.

Stock No.	Amps	Per Pkg.	Per C	Stock No.	Amps	Per Pkg.	Per C
EL-211	4	16	2.69	EL-214	14	14	2.19
EL-212	6	16	2.69	EL-215	20	14	2.19
EL-210	7.5	15	2.45	EL-216	30	18	2.94
EL-213	9	15	2.45				

PHOSPHOR BRONZE FUSE CLIPS

Bright nickel plate with fuse stop ears. 10 clips per package. Shpg. wt., 4 oz.

Stock No.	Little-fuse #	For Fuse Types	Per Pkg.	Per C
EL-200	101001	SFE, 3AG, 3AB, 8AG	.15	1.22
EL-201	103001	4AG, 4AB	.29	2.45
EL-202	105001	5AG HI Volt—Midget	.35	2.94
EL-203	107001	N.E.C.—30 Fuses	.47	3.92
EL-204	109001	Standard HI-Voltage	1.29	10.78



BUSS FUSE MOUNTINGS

Convenient methods for mounting fuses on equipment, radio, TV, instruments, etc. Fuses easily replaced. 6 oz.

Stock No.	Buss. #	For	Net Ea.	Stock No.	Buss. #	For	Net Ea.
EL-182	HPC	5AG	.47	EL-180	HJM	8AG	.30
EL-179	HCM	4AG	.43	EL-183	4405	3AG	.13
EL-181	HKP	3AG	.30	EL-184	4408	3AG	.24

BUSS FUSETRON DUAL-ELEMENT FUSES

Contains both a thermal cutout and fuse to withstand heavy starting surge currents yet protect on dangerous overloads or short circuits. For 125V. Four fuses per pkg. Shpg. wt., 5 oz. per pkg. Shpg. wt., 6 oz.

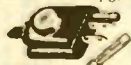
Stock No.	Buss. #	Rating Amp	Per Pkg.	Stock No.	Buss. #	Rating Amp	Per Pkg.
EL-176	T-20	20	.29	EL-177	T-25	25	.29
EL-175	T-15	15	.29	EL-178	T-30	30	.29



MINI BREAKER

- U.L. APPROVED — NOT A FUSE — A TRUE CIRCUIT BREAKER
- DON'T REPLACE — JUST RESET

Lifetime circuit protection—fits in standard Edison base fuse receptacle! Trips instantly on overload. Never needs replacing—just reset! Built in line log handles temporary starting leads and line surges. Available in 5-10 15-20 or 30 amps. State amperage required. EL-40 Shpg. wt., 2 oz. Net each 1.26 Lots of 4, each 1.13



FUSED PLUG

Uses 3AG fuse in each side to protect line. Fuses easily replaced. Supplied less fuses. EL-32 Shpg. wt., 3 oz. Net each .34



PLUG FUSES

UL approved. Wt., 6 oz.

EL-18	10 amperes	PER BOX
EL-19	15 amperes	DF 5
EL-20	20 amperes	DF 5
EL-21	30 amperes	DF 5



BARBER-COLMAN MICROPOSITIONERS

POLARIZED D-C RELAYS

TYPE AYLZ. Polarized d-c ultra-sensitive relays featuring high speed, long life, and close differential. Ideal for use wherever power supply is limited. For use as null detectors or differential relays in many fields. Will operate directly from silicon or selenium photocells. Responds up to 250 cps. Fine silver contacts are SPDT with floating neutral position. Polarity of signal determines which contact closes. Resists 10 G vibration. One millisecond operation. With basic sensitivity of 50 micro-watts, and silver contacts handling 100 watt resistive contact load. This relay acts as a high gain 2,000,000 to 1 amplifier. Eliminates vacuum tube, transistor, and magnetic amplifiers in many applications. Normal tolerance on pull-in current at 75°F. is plus or minus 25%; from -65° to +165°F., plus or minus 60%. Equipped with octal plug-in base. Weight, 6 oz. Size, 1 1/4"x3 1/2"x1 3/8". Shpg. wt., 10 oz. Coil ohms ± 10%. * Indicates tungsten contacts.

SINGLE COIL (1.3 AMPERE-TURNS)

Stock	Mfr.	Pull-in-Data			
		Coil Ohms	Ma.	Volts	W
RY-500	7300-100	13	1.73	.023	39.1
RY-501	7301-100	54	.87	.047	40.6
RY-502	7302-100	88	.68	.062	41.2
RY-503	7303-100	140	.54	.076	41.1
RY-504	7304-100	215	.46	.100	46.3
RY-505	7304-102	215	.46	.100	46.3
RY-506	7305-100	350	.35	.123	43.2
RY-507	7306-100	560	.28	.155	42.8
RY-508	7307-100	900	.22	.198	43.7
RY-509	7308-100	1400	.17	.243	42.1
RY-510	7309-100	2300	.14	.325	45.9
RY-511	7310-100	3550	.11	.401	45.3
RY-512	7311-100	5650	.093	.524	48.7
RY-513	7312-100	7950	.076	.604	45.9

Any of above Net each 24.00

ro-watts, and silver contacts handling 100 watt resistive contact load. This relay acts as a high gain 2,000,000 to 1 amplifier. Eliminates vacuum tube, transistor, and magnetic amplifiers in many applications. Normal tolerance on pull-in current at 75°F. is plus or minus 25%; from -65° to +165°F., plus or minus 60%. Equipped with octal plug-in base. Weight, 6 oz. Size, 1 1/4"x3 1/2"x1 3/8". Shpg. wt., 10 oz. Coil ohms ± 10%. * Indicates tungsten contacts.

DOUBLE COIL (1.3 AMPERE-TURNS)

Stock No.	Mfr. No.	Pull-in-Data			
		Coil Ohms	Diff. ma.	Diff. volts	Diff. W
RY-519	7350-100	5	4.33	.022	93.9
RY-520	7351-100	9	3.25	.029	95.1
RY-521	7352-100	39	1.53	.060	91.2
RY-522	7353-100	61	1.18	.072	85.2
RY-523	7354-100	95	1.00	.095	95.0
RY-524	7355-100	150	.81	.122	99.0
RY-525	7356-100	240	.65	.156	101.4
RY-526	7357-100	365	.52	.190	98.7
RY-527	7358-100	940	.34	.322	110.0
RY-528	7359-100	1450	.28	.401	110.9
RY-529	7360-100	2300	.22	.507	111.6
RY-530	7361-100	3800	.17	.650	111.1

Any of above Net each 25.00

SINGLE COIL (2 AMPERE-TURNS)

RY-514	7325-100	13	2.67	Pull-in-Data	
				.035	92.4
RY-515	7329-100	215	.71	.154	109.6
RY-516	7331-100	560	.43	.238	101.2
RY-517	7334-100	2300	.22	.499	108.3
RY-518	7337-100	7950	.12	.930	108.8

Any of above Net each 20.00

DOUBLE COIL (2 AMPERE-TURNS)

RY-531	7375-100	5	6.67	Pull-in-Data	
				.033	222.2
RY-532	7379-100	95	1.54	.146	224.7
RY-533	7381-100	240	1.00	.240	240.0
RY-534	7383-100	940	.53	.494	260.0
RY-535	7386-100	3800	.26	1.00	263.0

Any of above Net each 21.00

HURST 40 INCH-OUNCE SYNCHRONOUS MOTORS MODEL SM



- FOR HEAVY DUTY CONTINUOUS TIMING
- SHOCK AND VIBRATION RESISTANT
- COMPACT • INSTANT STARTING

Compact heavy-duty synchronous motors for accurate continuous timing applications. Ideal for use in alarm systems, process controls, animated displays, lighting displays, paging systems, extra large clocks, time switches, code signal devices, etc. Start instantly at full torque (40 inch-ounces at 1 rpm). Will not over-heat during continuous operation nor in a stall position. Gear trains withstand loads more than 3 times rated capacity. Rotate right facing shaft. Size 2 1/2" dia. x 1 3/4" deep; shaft 1" long. Power requirements 95-130 V 60 cycle AC; 7 watts. Shpg. wt., 1 lb.

STOCK NO.	OUTPUT SPEED	NET EACH			
		1-17	18-35	36-71	72-107
SS-10	1 RPM				
SS-11	4 RPM	6.75	6.40	6.07	5.40
SS-12	6 RPM				
SS-13	10 RPM				
SS-14	30 RPM				
SS-15	60 RPM				

(May be assorted for quantity prices)



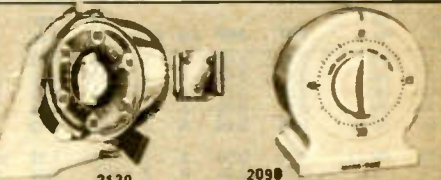
TIME SWITCHES FOR WALL BOX INSTALLATION

A dependable and versatile time switch to automatically turn off attic fans, porch and garage lights, window lights, heating units, etc. at any preset time. Has special HOLD feature: turn of a knob cuts out timing mechanism and allows unit to be used as a regular toggle switch. Capacity 20 amps, 125 volts AC. Satin-chrome dial 4 1/4"x3 1/4" W; switch 2 1/2"x1 3/4" W x 1 1/4" D. Fits any standard rectangular wall box. Shpg. wt., 3 lbs.

MODEL 9024—time range up to 1 hour	MS-135	Net 4.85
MODEL 9015—time range up to 12 hours. Shpg. wt., 3 lbs.	MS-136	Net 5.60

MOEEL 78174 PHOTOGRAPHIC TIME SWITCH

• UP TO 60 SECONDS AUTOMATIC CONTROL
• FOR AMATEUR AND PROFESSIONAL USE
It's easy to control accurate timing on photographic developers, enlargers, and photo copy equipment by plugging them into the convenience outlet on this inexpensive unit. Adjustable stop makes repeated settings—even in total darkness—easy and foolproof. Times up to 60 seconds, then automatically shuts off current. May also be used as "on-off" switch when timing is unnecessary. Rated 10 amps—125 volts—A.C. UL and CSA Inspected. Shpg. wt., 3 lbs. Net 6.72



MOEEL 2130 PORTABLE 2-SPEED PRECISION TIMER

- TWO TIMERS FOR THE PRICE OF ONE!
- FOR PRECISE 1 SECOND TO 1 HOUR TIMING IN THE HOME, OFFICE AND LABORATORY

Indispensable for timing precise, short operations such as boiling eggs, pressure cooking, heat and sun lamp treatment, home permanents, photo developing and printing, long distance calls, etc. Times up to 6 minutes in seconds and up to 1 hour in minutes. Exclusive 2-speed feature permits instant timing speed change by flick of a lever. A clear, resonant bell sounds at end of timing period. Can be attached to any surface with handy wall bracket supplied or can stand upright. Smartly styled in white with dial face a rich copper tone. 4x2 1/2". Shpg. wt., 2 lbs. Net 4.68

MOEEL 2090 UTILITY HOUSEHOLD TIMER

• DEPENDABLE 1 MINUTE TO 1 HOUR TIMING
This reliable, low-priced timer in a neat durable white plastic case has innumerable household timing uses, i.e., cooking, baking, home permanents, games, remembering appointments, TV and radio programs, etc. Attractive modern design. Times any interval up to one hour accurately and gives resonant bell signal at end of period. Large easy to set and easy to read dial. 3 1/2"x3 1/2". Shpg. wt., 1 1/4 lbs. Net 2.95

PILOT LIGHT ASSEMBLIES - PILOT LIGHTS - NEON BULBS



DIALCO ONE-INCH SERIES 75C

DETACHABLE LAMP SOCKETS (Fig. R)
For candelabra base, 115 volt pilot light assembly with faceted jewel. 1" hole mounting. Easy adjustment for panel thickness. Less bulb. Shpg. wt., 5 oz.

PB-75 Dialco 75C431 Red
PB-76 Dialco 75C432 Green
PB-77 Dialco 75C433 Amber
Any of above Net each .83

Replacement Jewel Cap for 75C Series. Specify color.
PB-62 Dialco 31-43 Net each .35

DIALCO LENSES IN THREADED HOLDERS (Fig. BB)

To panel mount with separate lamp sockets. Up to 1/2" panels. 3/8", 1/2" and 5/8" diameters respectively. Shpg. wt., 2 oz.

RED	GREEN	AMBER	Net	
Size Stock No.	Stock No.	Stock No.	Each	
3/8"	PB-128	PB-129	PB-130	.39
1/2"	PB-125	PB-126	PB-127	.14
5/8"	PB-122	PB-123	PB-124	.20

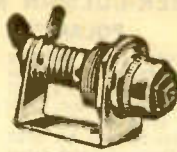
PILOT BULB REMOVER



For fast and simple removal and installation of miniature and candelabra lamps. Facilitates mass production, indispensable for hard-to-reach places. Will not damage lamps. Made of high-grade rubber. Shpg. wt., 2 oz.
PB-241 Dialco NL73 Net .26



BB



810M

DIALCO SERIES 810 1/2" REMOVABLE JEWEL

For L-V miniature bayonet (810B Series) and screw base (810M Series) lamps. 1/4" mtg. hole. Insulated brackets. Easy replacement of lamps. Shpg. wt., 2 oz.

Stock 810B	Stock 810M	Color
No. Mfr. No.	No. Mfr. No.	
PB-103 -431	PB-106 -431	Red
PB-104 -432	PB-107 -432	Green
PB-105 -433	PB-108 -433	Amber

Any of above Net each .32

DIALCO SERIES 510-610-710 ANGLE BRACKET ASSEMBLY



Space saver. LV operation of incandescent bulbs. Solder terminals. 3/8" mtg. hole. Less bulb. Series 510 for miniature screw base, 610 for candelabra base, and 710 for miniature bayonet base. Shpg. wt., 2 oz.

510	610	710	Color
Stock No.	Stock No.	Stock No.	
PB-86	PB-93	PB-100	Red
PB-87	PB-94	PB-101	Green
PB-88	PB-95	PB-102	Amber

Any of above Net each .21



JIFFI-LITE

PERFECT ON-OFF INDICATOR

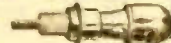
- CAN BE USED IN HI-FI EQUIPMENT, TV, AROUND THE HAM SHACK, INDUSTRIAL EQUIPMENT—ANYWHERE
- MOUNTS IN AN INSTANT
- OPERATES ON 80-460 VOLTS

Pilot light mounts through any 1/2" hole quickly and simply. Electrical installation is easy and non-technical. Jiffi-Lite comes complete with two 4 1/2" insulated leads, speed-nut mount and is housed in durable plastic case. Shpg. wt., 4 ozs.
MS-695 Red Net .46
MS-696 Amber Net .46

E.F. JOHNSON PANEL LIGHT



For front-of-panel illumination. Polished nickel-plated hood is easily removable for lamp replacement; can be rotated to any position. Fits 1/2" mounting hole. Two models, for T3 1/4 or G3 1/2 bulbs. Shpg. wt., 2 oz.
PB-20 No. 147-329—Miniature bayonet base. Net Each .69
PB-21 No. 147-330—Miniature screw base. Net Each .80



DASH LAMP ASSEMBLY

For dashboard, panel, etc. mounting. Simple contact miniature bayonet socket. Mounts in 3/8" hole. With 12" lead, nut and washer. Easy installation. Less lamp and switch. Shpg. wt., 2 oz. Accepts No. 51 or 55 bulb.
MS-314 Net .53

LAFAYETTE SPECIAL NEON ASSEMBLY



For operation on 110 volts AC. Requires 100K resistor in series. When used with 220 v. use 250K resistor in series. AC starting voltage 60v. Servicing life, 5000 to 10,000 operating hours. Available in 3 colors, red, yellow and amber; specify when ordering. Shpg. wt., 2 oz.
MS-478 Net .39
In lots of 10 Net .35

DRAKE NEON INDICATOR LIGHTS



Type 105 postlite. Molded neon panel light for AC or DC with built-in resistor. 1/2" mtg. hole. With mtg. nut. 2 1/2" long.
PB-10 Each .56 Lots of 10, Each .51
Type 110 Flushlite Translucent unit with built-in neon lamp and resistor. For 110-125 v AC DC. 1/2"x1 1/2"x1 1/4" with 1 1/2" mtg. centers. UL approved. 2 oz.
PB-11 Each .41 10, Each .37

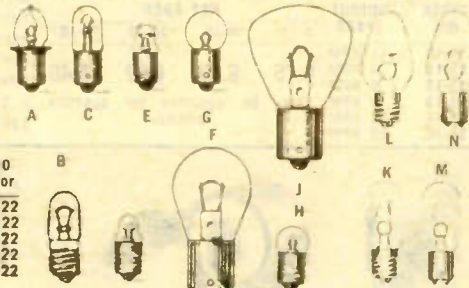


SPECIAL SALE! 10 for \$45

Most often used pilot light. Replaces pilot in most electronic entertainment equipment. Shpg. wt., 5 oz.
MS-783 pkg. of 10 .45
10 pkgs. 4.00

GENERAL ELECTRIC PILOT LAMPS — FLASHLIGHT BULBS — NEON LAMPS

For radio and T.V. pilot lights, panels, flash lights, toys, appliances, coin machines, etc. Base code: 1—single contact flanged, 2—screw, 3—bayonet, 4—special, 5—single contact midget, 6—single contact bayonet, 7—double contact bayonet, 8—midget screw, 9—miniature bayonet. Under AMPS, CP means candlepower. Shpg. wt., box of 10 is 4 oz. 1 lamp—2oz.



Stock No.	GE No.	Volt	AMP	Fig.	Base	Net Ea.	10 For
PL-10	PR-2	2.4	0.50	A	1	.13	1.22
PL-11	PR-3	3.6	0.50	A	1	.13	1.22
PL-12	PR-4	2.3	0.27	A	1	.13	1.22
PL-13	PR-6	2.5	0.30	A	1	.13	1.22
PL-14	PR-12	5.95	0.50	A	1	.13	1.22
PL-15	PR-13	4.75	0.50	A	1	.13	1.22
PL-32	13	3.7	0.30	H	2	.11	1.04
PL-33	14	2.5	0.30	H	2	.11	1.04
PL-34	27	4.9	0.30	H	2	.11	1.04
PL-64	31	6.2	0.30	H	2	.13	1.22
PL-35	40	6.8	0.15	B	2	.10	.92
PL-36	41	2.5	0.50	B	2	.10	.92
PL-37	42	3.2	0.35	B	2	.13	1.22
PL-38	43	2.5	0.50	C	3	.10	.92
PL-39	44	6.8	0.25	C	3	.10	.92
PL-40	45	3.2	0.35	C	3	.10	.92
PL-41	46	6.8	0.25	B	2	.10	.92
PL-42	47	6.8	0.15	C	3	.10	.92
PL-43	48	2.0	0.60	B	2	.10	.92
PL-44	49	2.0	0.60	C	3	.10	.92
PL-45	50	6.8	1 C.P.	H	2	.10	.92
PL-46	51	6.8	1 C.P.	J	3	.10	.92
PL-47	53	14.4	0.12	J	3	.10	.92
PL-48	55	6.8	2 C.P.	J	3	.10	.92
PL-65	57	12-16	2 C.P.	J	3	.10	.92
PL-66	63	6.8	3 C.P.	J	6	.13	1.22
PL-67	81	6.8	6 C.P.	J	6	1.26	1.53
PL-68	82	6.8	6 C.P.	J	7	.16	1.53
PL-49	112	1.2	0.22	D	2	.11	1.04
PL-50	123	1.25	0.30	H	2	.11	1.04
PL-69	136	1.3	0.60	H	2	.11	1.04
PL-51	222	2.2	0.25	D	2	.11	1.04
PL-70	223	2.2	0.25	-	2	.11	1.04
PL-52	224	2.15	0.22	E	4	.11	1.04
PL-53	233	2.2	0.27	H	2	.11	1.04
PL-71	248	2.5	0.80	H	2	.13	1.22
PL-56	313	28	0.17	C	3	.23	2.14
PL-57	327	28	0.04	-	5	.59	5.50
PL-58	328	6	0.20	-	5	.46	4.28
PL-72	425	5	0.50	H	2	.11	1.04
PL-73	428	12.5	0.25	H	2	.11	1.04
PL-74	432	18	0.25	H	2	.13	1.22
PL-75	433	18	0.25	J	3	.13	1.22
PL-59	502	5.1	0.15	H	2	.11	1.04
PL-76	605	6.1	0.50	H	2	.11	1.04
PL-77	1129	6.8	21 C.P.	F	6	.23	2.14
PL-78	1133	6.8	32 C.P.	G	6	.26	2.44
PL-79	1446	12	0.20	H	2	.13	1.22
PL-80	1447	18	0.15	H	2	.13	1.22
PL-81	1449	14	0.20	H	2	.10	.92
PL-60	1458	20	0.25	J	3	.13	1.22
PL-82	1477	24	0.17	B	2	.26	2.44
PL-83	1487	12-16	0.20	B	2	.13	1.22
PL-84	1488	14	0.15	C	3	.13	1.22
PL-85	1490	3.2	0.16	C	3	.11	1.04
PL-86	1493	6.5	2.75	F	7	.69	6.42
PL-87	1768	6	0.20	B	8	.49	4.58
PL-61	1815	12-16	0.20	C	3	.13	1.22
PL-88	1820	28	0.10	C	3	.26	2.44
PL-89	1829	28	0.07	C	3	.23	2.14
PL-90	1847	6.3	0.15	C	3	.13	1.22
PL-62	1891	12	0.24	C	9	.11	1.04

AC-DC PILOT LAMPS

Rated at 105-125v. 1500 hours average use. Base types: A—Candelabra Screw; B—Double contact Bayonet Candelabra. All clear except * is white. Shpg. wt., 3 oz. each.

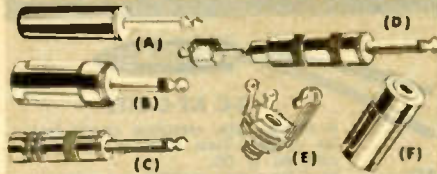
Stock No.	Type	Fig	Watts	Base	Ea.	10 For
PL-25	356	K	3	A	.35	.31
PL-26	656	K	6	A	.20	.18
PL-27	656DC	M	6	B	.28	.25
PL-28	7C7/C	L	7	A	.20	.18
PL-29	7C7/W*	L	7	A	.20	.18
PL-30	10C7DC	N	10	B	.26	.23
PL-31	T-4 1/2	B	4	A	.39	.35

NEON GLOW LAMPS

For 105-125 v AC operation except * for 210-250v AC. Screw types have resistor in base for 105-125 v others require external resistor. AC starting voltage shown: DC starting voltage 40% higher. Shpg. wt., 2 oz.

Stock No.	Type	Watts	Start Volt	Base Type	Each	10-Up
PL-121	NE-2	1/25	65 Wire Term.		.10	.08
PL-122	NE-2E	1/10	65 Wire Term.		.10	.08
PL-123	NE-2H	1/4	Wire Term.		.12	.10
PL-124	NE-7	1/4	55 Wire Term.		.72	.56
PL-125	NE-17	1/4	55 D.C. Bay. Cand.		.88	.71
PL-126	NE-21	1/4	55 S.C. Bay. Cand.		.93	.71
PL-127	NE-30	1	60 Edison		1.18	.93
PL-128	NE-31	1	60 D.C. Cand. Screw		2.92	2.62
PL-129	NE-32	1	60 SK - Bay. Cand.		1.18	.93
PL-130	NE-34	2	60 Edison		1.81	1.43
PL-131	NE-36	2	60 SK, O.C. Bay. Cand.		2.35	1.89
PL-132	NE-40	3	60 Edison		2.65	2.10
PL-133	NE-42	3	60 SK, D.C. Bay. Cand.		2.60	2.04
PL-134	NE-45	1/4	65 Cand. Screw		.83	.66
PL-135	NE-48	1/4	65 D.C. Bay Cand.		.69	.54
PL-136	NE-51	1/25	65 S.C. Bay. Min		.21	.17
PL-137	NE-51H	1/4	S.C. Bay. Min		.23	.19
PL-138	NE-56*	1	60 Edison		1.22	.98
PL-139	NE-57	1/4	55 Cand. Screw		.97	.76
PL-140	NE-58*	1/2	65 Cand. Screw		.93	.71

Plugs, Jacks, Clips, Posts



LAFAYETTE SPECIAL

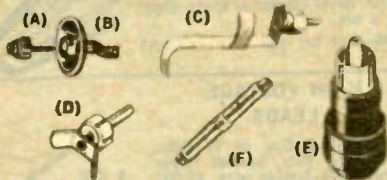
STANDARD 2-CONDUCTOR PHONE PLUGS

Phone plugs for a wide variety of applications with choice of handle sizes and materials. All sleeves fit standard 1/4" phone jacks. Avg. shpg. wt., 8 oz.

- FIG. A. SLIM PHONE PLUG Smooth bakelite handle. Solder terminals with cable clamp.
 MS-453 Net .25 ea. — 10 for 2.15
 FIG. B. BARREL PHONE PLUG Ribbed plastic barrel handle. Screw terminals.
 MS-455 Net .22 ea. — 10 for 1.90
 FIG. C. SHIELDED SLIM PLUG Ribbed chromed metal handle. Solder terminal with cable clamp.
 MS-443 Net .29 ea. — 10 for 2.50
 FIG. D. PHONE TO PHONO PLUG ADAPTER Adapts from standard phone plug to RCA type phono plug. Overall length 2 7/8" x 1/4" diam.
 MS-444 Net .39 ea. — 10 for 3.25

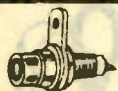
STANDARD PHONE JACKS FOR 1/4" PLUGS

- FIG. E. OPEN CIRCUIT JACK Standard open circuit phone jack, 3/8" bushing, 1/2" long. Complete with mounting hardware.
 MS-441 Net .19 ea. — 10 for 1.75
 FIG. E. CLOSED CIRCUIT JACK Same as above but closed circuit phone jack.
 MS-454 Net .19 ea. — 10 for 1.75
 FIG. E. OPEN CIRCUIT JACK Open circuit jack for 3 conductors.
 MS-318 Ea. .29
 FIG. F. EXTENSION CABLE JACK Fit standard 1/4" phone plug. Screw terminals. Barrel plastic handle matches MS-455 Barrel plug.
 MS-442 Shpg. wt., 10 oz. Net .22 ea. — 10 for 1.90



PHONO PLUGS AND JACKS

- (A) Single Prong Shielded Plug — RCA type, used extensively for mike, phono, etc.
 MS-167 — 10 for .35 Shpg. wt., 4 oz. singly, ea. .04
 (B) Phono Jack — Accepts RCA type phono plug. Mounts in rear of panel.
 MS-168 — 10 for .50 Shpg. wt., 4 oz. singly, ea. .06
 (C) Solderless Phono Plug — For phono, coax cables. Pin contacts center conductor, tab wraps around shield.
 MS-373 — Lots of 10, ea. .35 Wt., 4 oz. singly, ea. .38
 (D) Finger grip plug — Phono plug with handy finger grip.
 MS-471 — 10 for .50 Shpg. wt., 4 oz. singly, ea. .06
 (E) Semi-Solderless Phono Plugs — Fits std RCA type phono jacks. Needs only spot solder at tip. Plastic shell with finger grip. In black, red, yellow, green, white, blue; specify color.
 MS-472 — 5 for 1.70 Shpg. wt., 4 oz. singly, ea. .38
 (F) Feed Thru — Accepts male phono plug at both ends.
 MS-96 Shpg. wt., 4 oz. Ea. .53



PHONO PIN JACK SINGLE HOLE MOUNTING

RCA type female input jack. Mounts securely in single 1/4" hole by means of locknut on jack. Screws, nuts and washers unnecessary.
 MS-568 Shpg. wt., 4 oz. 10 for 1.35 Singly, ea. .15



MINIATURE PLUG AND JACK

Two-conductor precision arm type. Needs no screws; molded plastic case cements together. Ideal for hearing aids, speaker extensions, etc. Shpg. wt., 4 oz.
 MS-40 Plug only (Type PL-291) Ea. .36
 MS-41 Jack only (Type JK-48) Ea. .40



SUBMINIATURE PHONE PLUG AND JACK

Tiniest "phone plug" and jack available. Only 1" long x 1/4" diameter, overall. Excellent for transistor and subminiature applications. Plug has removable sleeve. Jack can be mounted on panel up to 1/4" thick. Jack can be used for both open and closed circuits. 4 oz.
 MS-281—Plug Net .17
 MS-282—Jack Net .13
 MS-370—Plug and Jack Set Net .25



FLAT PLUG

Ultra-compact type for use where space is limited. Bakelite body. 1 1/4" dia., 1/4" thick. Shpg. wt., 4 oz.
 MS-599 .44

STANDARD PHONE TIPS

Heavily plated. Takes up to No. 18 wire, 1" long. 4 oz.
 MS-39 10 for .12 100 for 1.00

PHONE PLUG TO PHONO JACK ADAPTER



Brass, nickel-plated adapter. Has standard phone jack on one end to take regular phone plug, and RCA-type phono plug on other end. Has threaded bushing with nut and washer so can be panel mounted if desired. Shpg. wt., 4 oz.
 MS-535 Net .52

HEAVY SHIELDED PHONE PLUGS AND JACKS



(A) Sturdy, heavy brass, nickel-plated phone plugs with screw terminal connections. Threaded insulated cable outlet may be removed for larger cables to pass through. Body dia. 3/4", overall length 3 3/4". Shpg. wt., 4 oz.
 MS-534 Plug Net ea. .59 10 for 5.30
 (B) Matching in-line phone jack, same construction as plug. Overall length 2".
 MS-533 Jack Net ea. .55 10 for 4.95

NEW! ALL SHIELDED PHONO PLUG AND JACK



(A) Removable Shell for easy soldering of wires. Positive ground connection through unique ground lug reduces hum to a minimum. Extra long handle makes removal from amplifier a snap. Completely shielded in bright nickel plate on brass body and shell. Fits all RCA type jacks. 1 1/4" long. Shpg. wt., 4 oz.
 MS-593 Net .19
 (B) Extension Cable Jack for use with MS-593 or any other type of phono plug. Shpg. wt., 4 oz.
 MS-594 Net .19

JUMPER LEAD KIT



KIT OF 10 COLOR CODED 14" LEADS
 10 handy 14" leads with miniature insulated alligator clips attached to each end. Clips and leads color coded. 5 pairs each a different color. Ideal for serviceman or experimenter. Shpg. wt., 8 oz.
 MS-479 1.19

METAL BINDING POST

10 for 1.35 50 for 6.00
 Made of brass, heavily nickel plated overall. With screw and lock washer. Shpg. wt., 8 oz.
 PJ-38 Net Ea. .15



KIT OF 10 5-WAY BINDING POSTS

- FOR BANANA PLUG
- FOR PHONE TIP PLUG
- FOR SPADE LUG
- FOR ALLIGATOR CLIP
- FOR STRAND OF WIRE

For panels 1/4" to 1/2" thick. Assortment of 10 pieces, 5 Red and 5 Black. Shpg. wt., 8 oz.
 MS-566 Binding Post Kit Net .79



KIT OF 20 INSULATED ALLIGATOR CLIPS

Two kits of insulated alligator clips. Kit A consists of 20 large size clips, Kit B consists of 20 small size clips. All have sturdy nickel-plated jaws with strong spring and hard bite. Each kit contains 10 red and 10 black alligator clips, carded and bagged. Shpg. wt., 8 oz.
 MS-569 Kit B (1 1/2") Net .89
 MS-570 Kit A (2 1/2") Net 1.39



INSULATED ALLIGATOR CLIP

20 for 1.17

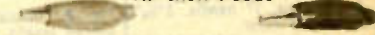
Sturdy nickel-plated brass jaws with plastic insulated thumb rest and insulated barrel. Strong spring with hard bite. Solder lug connection. Overall length 2 1/2". Shpg. wt., 4 oz. Supplied in Red and Black.
 MS-451—Red Alligator Clip Net ea. .07
 MS-452—Black Alligator Clip 20 for 1.17

2 INSULATED ALLIGATOR CLIPS WITH BANANA PLUGS



• With banana jack • Solid copper clips
 Handy for all types of connections. Accurately matching, sturdy jaws for a tight grip. Convenient thumb grip; equipped with soldering lug. Complete with banana plugs. 1 red, 1 black. Overall 4" long. Shpg. wt., 4 oz.
 MS-768 2 Alligator Clips with Plugs Net .49

INSULATED ALLIGATOR CLIPS WITH TIP JACK PLUGS



Set of 2 clips, 1 black and 1 red, that plug into tip jack probes. Permits use of one set of probes where 2 sets are usually required. Clips are 2 1/4" overall. Shpg. wt., 6 oz.
 MS-842 Set of 2 Net .25

CROCODILE CLIPS



Nickel plated brass type for low resistance. Quality springs maintain positive action. Provided with rubber insulation. Shpg. wt., 2 oz.
 MS-583

Stock No.	Amqs.	Size	Net.
MS-582	1	1 7/8"	10 for .90
MS-583	5	2 1/4"	10 for .99

INSULATED ALLIGATOR TEST CLIPS WITH 6 FT. LEAD



Handy for quick connections. Plated brass alligator clip with insulated handles and 6 ft. of No. 22 stranded wire attached. Clip is 1 1/2" overall. Shpg. wt., 8 oz.
 MS-536 Red 50 for 3.25 10 for 72
 MS-537 Black SINGLY, EACH .08

LAFAYETTE JUMBO 5-WAY BINDING POST



Accepts phone tip plug, a spade lug, a banana plug, an alligator clip and a strand of wire. Head non-removable from stand. Molded plastic construction. For panels 1/4" to 1/2" thick. In either red or black color; specify.
 PJ-37—Shpg. wt., 8 oz. Net Ea. .25



FAHNESTOCK CLIPS

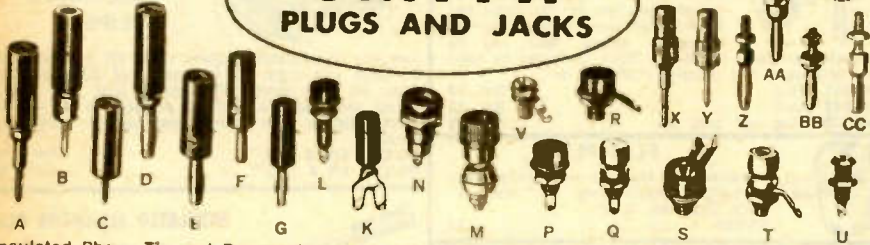
Brass clips that assure good electrical contact without injury to wire. 3/8" wide except * which are 1/2". Shpg. wt., 4 oz.

Stock No.	Fig.	Lgth.	Wire	Hole	Mfg.	10	100
MS-248	B	1"	No. 10	No. 8		.13	1.17
MS-249	C	1-1/6"	No. 10	No. 8		.24	2.16
MS-250	A	1 3/4"	No. 10	No. 8		.70	6.30
MS-251*	B	3/4"	No. 14	No. 6		.10	.90

PLUGS - JACKS - TEST LEADS - LEAD WIRE



SMITH PLUGS AND JACKS



Insulated Phone Tip and Banana Plug and Jacks are available in Red, Black, Yellow, Green and Blue. Avg. shpg. wt., 2 oz.

INSULATED PLUGS

- Fig. A. Insulated Tip Plug. Heavy duty. Solder type. 1" handle. 2 1/8" overall. Specify color.
PJ-10 Net ea. .15
10 for 1.30 100 for 11.00
- Fig. B. Insulated Solderless Tip Plug. 1" handle, 2" length overall. Specify color.
PJ-11 Net ea. .15
10 for 1.30 100 for 11.00
- Fig. C. Insulated Short Tip Plug. Solder type. 1" handle. 1 1/2" overall length.
PJ-12 Net ea. .12
10 for 1.08 100 for 9.00
- Fig. D. Insulated Banana Plug. Spring type. Internal set screw for soldering. 1" handle. 1 3/4" length overall. Phosphorbronze. Specify color.
PJ-13 Net ea. .21
10 for 1.89 100 for 16.00
- Fig. E. Solderless Insulated Banana Plug. Spring type. 1" handle. 1 1/4" overall. Specify color.
PJ-14 Net ea. .18
10 for 1.60 100 for 13.50
- Fig. F. Solderless Insulated Banana Plug. Split type. 1" handle. 1 1/4" overall. Specify color.
PJ-15 Net ea. .18
10 for 1.60 100 for 13.50
- Fig. G. Insulated Banana Plug. Spring type. 1" handle. 1 3/4" overall. Solder type. Specify color.
PJ-16 Net ea. .18
10 for 1.60 100 for 13.50
- Fig. H. Molded Meter Banana Plug. Specify Red or Black.
PJ-17 Net ea. .35
10 for 3.10 100 for 26.00
- Fig. J. Molded Meter Tip Plug. Specify Red or Black.
PJ-18 Net ea. .26
10 for 2.40 100 for 20.00

INSULATED JACKS

- Fig. K. Insulated Spade Lug. 3/4" handle. 1 1/2" length overall. Specify Red or Black.
PJ-19 Net ea. .11
10 for .99 100 for 8.00
- Fig. L. Phone Tip or Banana Plug. Mounts in 3/16" hole. Specify color.
PJ-20 Net ea. .16
10 for 1.40 100 for 12.00
- Fig. M. 5-Way Binding Post. Takes phone tips, banana plugs, spade lugs, allegator clip, wire. All insulated type. Specify Red or Black.
PJ-21 Net ea. .27
10 for 2.43 100 for 21.87
- Fig. N. Nylon All Insulated Tip Jack. 1" overall. Mounts in 3/16" hole. Specify color.
PJ-22 Net ea. .18
10 for 1.60 100 for 13.50
- Fig. P. Insulated Tip Jack. 1 1/4" overall length. Mounts in 3/16" hole. Specify color.
PJ-23 Net ea. .13
10 for 1.17 100 for 10.00
- Fig. Q. Nylon Insulated Tip Jack. With nylon washer. 1" overall length. Mounts in 3/16" hole. Specify color.
PJ-24 Net ea. .18
10 for 1.60 100 for 13.50
- Fig. R. Insulated Banana Jack. 3/16" overall length. Mounts in 3/16" hole. Specify color.
PJ-25 Net ea. .13
10 for 1.20 100 for 10.00
- Fig. S. Instrument Banana Jack. 3/16" overall length. Mounts in 3/16" hole. Specify color.
PJ-26 Net ea. .15
10 for 1.30 100 for 11.00

METAL JACKS

- Fig. T. Nylon Insulated Banana Jack. With nylon washer. Overall length 3/4". Mounts in 3/16" hole. Specify color.
PJ-27 Net ea. .18
10 for 1.60 100 for 13.00
- Fig. U. Metal Tip Jack. Mounts in 1/8" hole.
PJ-28 Net ea. .10
10 for .90 100 for 7.50
- Fig. V. Metal Banana Jack. Mounts in 1/8" hole.
PJ-29 Net ea. .10
10 for .90 100 for 7.50
- Fig. W. Metal Banana Jack Mounts in 1/8" hole.
PJ-30 Net ea. .10
10 for .90 100 for 7.50
- Fig. X. Solderless Phone Tip, Sr. 1 1/2" long.
PJ-31 Net ea. .10
10 for .90 100 for 7.50
- Fig. Y. Solderless Phone Tip, Jr. 1 1/2" long.
PJ-32 Net ea. .10
10 for .90 100 for 7.50
- Fig. Z. Banana Plug. Spring type. 1 1/2" overall. 6-32x1/2" stud.
PJ-33 Net ea. .15
10 for 1.30 100 for 11.00
- Fig. AA. Banana Plug. Spring type. Screw in head. 1 1/2" overall.
PJ-34 Net ea. .15
10 for 1.30 100 for 11.00
- Fig. BB. Banana Plug. Spring type. 1 1/2" overall. 6-32x3/4" stud.
PJ-35 Net ea. .15
10 for 1.30 100 for 11.00
- Fig. CC. Banana Plug. Split type. 1 1/2" overall. 6-32x1/2" stud.
PJ-36 Net ea. .13
10 for 1.20 100 for 11.00

NON-INSULATED PLUGS



G-C NE-O-LITE
A simple, safe, electrical circuit tester for voltages from 60 volts AC to 550 volts AC or DC. Used for radio, electrical and automotive testing. Molded plastic. Shpg. wt., 2 oz.
MS-257 Net ea. .45
Lots of 10, ea. .41

.45

BELDEN TEST PRDD WIRE

Extremely flexible, limp rubber covered hi-voltage lead. No. 18 stranded, tinned, cotton wrap. 8899 for 5000 working volts. 8898 for 10,000 working volts. Specify red or black. Shpg. wt., 2 oz.

Mfr. No.	Stk. No.	10 Ft. Net	Stk. No.	25 Ft. Net	Stk. No.	100 Ft. Net
8898	WR-418	.71	WR-419	1.25	WR-420	3.52
8899	WR-421	.47	WR-422	.81	WR-423	2.35

G-C MASTER TEST LEADS

Heavy duty test leads. 50" long. Solderless type. Extra flexible leads run through the handles and are fastened under the knurled collar on the tips. Shpg. wt., 6 ozs.

P-296—Test leads with solderless type straight tips 1.09
Net per pair

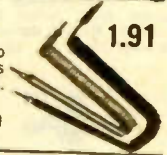
P-297—Test Leads with angle type tips 1.23
Net per pair



STRETCH LEADS

Self coiling—kink proof—retracts to 9" coils. Extends to 6 feet. Saves clutter. Never tangles or knots. Shpg. wt., 6 ozs.

P-298—Net per pair 1.91



HIGH VOLTAGE LEADS

For hi-volt testing in TV sets. Extra heavy duty. Special finger guards. High tension wire. 22,000 volts breakdown. 48" long. Shpg. wt., 6 ozs.

MS-538—with phone tips Net per pair 1.94
MS-539—with spade lugs Net per pair 1.94
MS-540—with alligator clips Net per pair 2.35



THIN TYPE—50"

For hard to reach places. Extra slim plastic handles with long, slim, insulated prods attached. 50", 6000 v test wire. Angle type phone tips. Shpg. wt., 4 ozs.

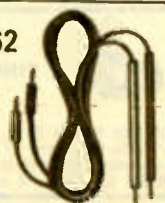
MS-541 Net per pair 1.12



G-C KLIPZON TEST LEADS

Maximum time saving, convenience, safety. Clips on to wires, lugs, terminals for firm contact of test points. Frees both hands. 48" super flexible leads. With phone tip terminals. Shpg. wt., 6 ozs.

P-299 Net per pair 1.62



G-C KLIPZON ADAPTERS

Convert old test points to self holding prods. Fits over standard phone tips or needle type.

P-300—Red 2 oz. Net Ea. .38
P-301—Black 2 oz. Net Ea. .38



LAFAYETTE SPECIAL BARGAINS

BUDGET UNIVERSAL TEST LEAD KIT IN PLASTIC CASE

This kit consists of color coded 4-5/8" long x 3/4" dia. red and black plastic handle pin prods with heavy duty 37" kinkless rubber leads with 5000 v breakdown insulation terminating in coded 2" long x 3/4" dia. plastic grip banana plugs. 3 sets of interchangeable terminals are included. They all slip directly on to the banana plugs. They are spade lugs terminals, phone tips and red and black insulated alligator clips. These items have their own handsome and handy compartmentalized flexible plastic case which snaps shut. Shpg. wt., 1 1/2 lbs.
F-373 Net .77



TEST LEADS



Standard test leads furnished with plastic prods and pin plugs which withstands chipping or breaking. Extra flexible kinkless vinyl covered 60" red and black leads. Prods are red and black. 4" long x 3/4" diameter. Supplied in pair of one red and one black. Available with either pin or banana plugs.

Shpg. wt., 8 oz.
F-344 Test Leads With Banana Plugs Net .39
F-345 Test Leads With Pin Plugs Net .39

39¢

PLUGS, SOCKETS, CONNECTORS

ELCO JAN S-28A-3 MINIATURE SOCKETS AND SHIELDS

An outstanding line of 7- and 9-pin miniature tube sockets and shields made in accordance with JAN S-28A and JAN S-28A-1 specs. Miniature socket contacts are silver-plated phosphor-bronze; shields are nickel-plated brass with phosphor-bronze springs; shield bases are cadmium plated brass. All are highest quality components. Avg. shpg. wt., 4 oz.



(A) AMPHENOL "MIP" SOCKETS

Molded high dielectric black bakelite, with molded-in plate for 1/2" mounting centers. T types are mica-filled. 1 1/2" mounting hole except * 1 1/4" mtg. hole, 1 1/4" Mtg. ctrs. † 1 1/2" mtg. hole. Avg. shpg. wt., 5 oz.

Stock No.	Mfg. No.	Prongs	1-49 Each	50-249 Each	250-499 Each
CM-70	77-MIP-4	4	.13	.10	.09
CM-71	77-MIP-5	5	.15	.11	.10
CM-72	77-MIP-6	6	.17	.13	.12
CM-76	77-MIP-7L	7 Large	.18	.14	.13
CM-77	77-MIP-7S	7 Small	.18	.14	.13
CM-73	77-MIP-8	Octal	.15	.12	.11
CM-231	77-MIP-8T	Octal	.18	.14	.13
CM-161	88-8*	Octal	.16	.12	.11
CM-162	88-8*	Locktal	.21	.16	.15
CM-74	77-MIP-9	9	.17	.13	.12
CM-75	77-MIP-11	11	.20	.16	.14
CM-232	77-MIP-12	12	.20	.16	.14
CM-233	77-MIP-20	20	.50	.39	.36

(B) AMPHENOL "RS" SOCKETS

Removable steel adapter plate with retainer ring allows replacement of most socket types. For mounting ctrs. from 1 1/4" to 1 3/8". Molded high dielectric bakelite. Mounts in 1 1/4" hole. Avg. shpg. wt., 5 oz.

Stock No.	Mfg. No.	Prongs	1-49 Each	50-249 Each	250-499 Each
CM-91	78-RS4	4	.17	.13	.12
CM-92	78-RS5	5	.19	.15	.13
CM-93	78-RS6	6	.20	.15	.14
CM-95	78-RS7S	7 Small	.21	.16	.15
CM-96	78-RS8	Octal	.19	.15	.13
CM-97	78-RS8L	Locktal	.25	.20	.18
CM-98	78-RS9	9	.22	.17	.15
CM-99	78-RS11	11	.24	.18	.17

(C) AMPHENOL "S" SOCKETS

For new work. Single hole mounting. 1 1/4" dia. Firmly held by tempered steel retainer ring. 9 and 11 prong sockets for Amphenol connectors. Molded high dielectric bakelite. † mounts in standard 1 1/4" socket hole. Has miniature socket in center. Avg. shpg. wt., 5 oz.

Stock No.	Mfg. No.	Prong	1-49 Each	50-249 Each	250-499 Each
CM-100	78-S4	4	.12	.10	.09
CM-101	78-S5	5	.13	.10	.09
CM-102	78-S6	6	.15	.12	.11
CM-104	78-S7S	7 Small	.16	.12	.10
CM-105	78-S8	Octal	.15	.11	.10
CM-106	78-S8L	Locktal	.21	.16	.15
CM-107	78-S9	9	.17	.13	.12
CM-108	78-S11	11	.19	.15	.13
CM-79	78-A7P†	7	.32	.24	.23
CM-80	78-A9P†	9	.31	.24	.23



AMPHENOL MINIATURE 7 & 9 PIN SOCKETS

Amphenol sockets for TV, FM, auto radios, etc. 147-series mounts on 5/8" chassis hole with 7/8" mtg. ctrs., 1/4" screw holes. 59-series mounts in 3/4" hole with 1 1/4" mtg. ctrs., .095" rivet holes.

* Steatite. † Black Bakelite. ‡ Mica-filled bakelite. Avg., 5 oz.

BOTTOM MOUNTING TYPE - FIG. (A)

Stock No.	Mfg. No.	No. of Contacts	1-49 Each	249 Each	250-499 Each
CM-227	147-500‡	7	.20	.16	.14
CM-228	147-501‡	7	.30	.24	.22
CM-229	147-505‡	7	.21	.16	.14
CM-57	56-409‡	9	.24	.20	.18
CM-58	59-410‡	9	.24	.19	.17

TOP MOUNTING TYPE - FIG. (B)

Socket below	Mfg. No.	No. of Contacts	1-49 Each	249 Each	250-499 Each
CM-230	147-905‡	7	.26	.21	.19
CM-234	147-925‡	7	.34	.26	.24
CM-235	147-913‡	7	.26	.21	.19
CM-236	59-403‡	9	.37	.28	.25
CM-56	59-407‡	9	.34	.26	.24
CM-55	59-406‡	9	.30	.24	.22

TUBE SHIELDS - FIG. (C)

For 7-Contact Bases.	Stock No.	Mfg. No.	1 1/4"	1 1/2"	1 3/8"
CM-10	5-401	1 1/4"	.15	.11	.10
CM-11	5-402	1 1/2"	.15	.11	.10

For 9-Contact Bases.	Stock No.	Mfg. No.	1 1/4"	1 1/2"	1 3/8"
CM-12	5-405	1 1/4"	.13	.10	.09
CM-13	5-408	1 1/2"	.18	.14	.13
CM-14	5-409	2 3/8"	.22	.17	.16

Stock No.	Jan No.	S-28A	S-28A-1	DESCRIPTION	1-9 each	10-49 each	50-99 each	100-up each
MS-495	TSE7T101		TS102P01	Socket, mica filled, 7-pin shield base	.20	.18	.17	.14
MS-496	TSE9T101		TS103P01	Socket, mica filled, 9-pin shield base	.22	.20	.18	.15
MS-497	TSB8T101		TS101P01	Socket, mica filled, saddle octal	.26	.24	.22	.19
MS-498	TSF0T101		TS102U01	Tube shield, 7-pin, 1 1/4"	.12	.11	.10	.08
MS-499	TSF0T102		TS102U02	Tube shield, 7-pin, 1 1/2"	.12	.11	.10	.08
MS-500	TSF0T103		TS102U03	Tube shield, 7-pin, 2 1/4"	.14	.13	.12	.10
MS-501	TSF0T104		TS103U01	Tube shield, 9-pin, 1 1/4"	.14	.13	.12	.10
MS-502	TSF0T105		TS103U02	Tube shield, 9-pin, 1 1/2"	.14	.13	.12	.10
MS-503	TSF0T106		TS103U03	Tube shield, 9-pin, 2 1/4"	.18	.16	.15	.13

AMPHENOL MINIATURE A SHIELDED CONNECTORS

Molded bakelite cad. plated brass shells, for cables up to 1/4" diam. PCG series take 7/8" hole. Shpg. wt., 2 oz.

Stock No.	Mfg. No.	Cont.	Male - Fig. A	25-100-1-24	250-99	250-249
CM-171	91-MPM3L	3	1 1/4" x 1 1/4"	.34	.26	.24
CM-172	91-MPM3S	3	1 1/2" x 1 1/2"	.32	.25	.23
CM-173	91-MPM4L	4	1 1/4" x 1 1/4"	.35	.27	.24
CM-174	91-MPM4S	4	1 1/2" x 1 1/2"	.33	.26	.24
CM-175	91-MPMSL	5	1 1/4" x 1 1/4"	.38	.29	.26
CM-176	91-MPM6L	6	1 1/2" x 1 1/2"	.40	.31	.28

Stock No.	Mfg. No.	Cont.	Female - Fig. B	25-100-1-24	250-99	250-249
CM-168	91-MPF3L	3	1 1/4" x 1 1/4"	.37	.29	.26
CM-169	91-MPF3S	3	1 1/2" x 1 1/2"	.35	.27	.24
CM-207	91-MPF4L	4	1 1/4" x 1 1/4"	.41	.31	.28
CM-170	91-MPF4S	4	1 1/2" x 1 1/2"	.35	.27	.24

Chassis Connectors for Above Fig. C.

Stock No.	Mfg. No.	Cont.	Ctrs.	1-49	249	499
CM-87	78-PCG-3	3	1 1/4"	.19	.15	.14
CM-88	78-PCG-4	4	1 1/4"	.23	.18	.16
CM-89	78-PCG-5	5	1 1/4"	.23	.18	.16
CM-90	78-PCG-6	6	1 1/4"	.26	.21	.19

MINIATURE PLUGS & SOCKETS

Usable with 91-MPM, 91-MPF and 78-PCG miniature connectors. Supplied with push-on retainer rings. Need 3/8" hole. Av. T Type is MICA filled shpg. wt., 4 oz.

Stock No.	Socket Type No.	Cont.	1-49 Each	50-249 Each	250-999 Each
CM-109	78-S3S	3	.09	.07	.06
CM-110	78-S4S	4	.12	.09	.08
CM-111	78-S5S	5	.15	.11	.10
CM-112	78-S6S	6	.16	.12	.11
CM-78	78-7P	7	.21	.16	.15
CM-241	78-7PT	7	.21	.16	.15

Stock No.	Plug Type No.	Cont.	1-49 Each	50-249 Each	250-999 Each
CM-59	71-3S	3	.09	.07	.062
CM-60	71-4S	4	.11	.08	.076
CM-61	71-5S	5	.11	.09	.08
CM-62	71-6S	6	.14	.11	.10

CABLE CONNECTORS

Shielded cap and rubber grommet-end opening. Consist of "S" type tube sockets and "CP" plugs with hoods. Avg. shpg. wt., 6 oz.

Stock No.	Female Type No.	Cont.	1-49 Each	50-249 Each	250-999 Each
CM-81	78-PF4	4	.30	.24	.21
CM-82	78-PF5	5	.30	.24	.22
CM-83	78-PF6	6	.32	.25	.23
CM-84	78-PF7S	7S	.33	.26	.24
CM-85	78-PF8	8	.32	.24	.23
CM-238	78-PF9	9	.34	.26	.24
CM-86	78-PF11	11	.36	.28	.25

Stock No.	Male Type No.	Cont.	1-49 Each	50-249 Each	250-999 Each
CM-154	86-PM4	4	.33	.26	.24
CM-155	86-PM5	5	.34	.26	.24
CM-156	86-PM6	6	.35	.27	.24
CM-157	86-PM7S	7S	.36	.28	.25
CM-158	86-PM8	8	.36	.28	.25
CM-159	86-PM9	9	.37	.28	.26
CM-160	86-PM11	11	.40	.31	.28
CM-239	86-PM12	12	.31	.24	.23
CM-240	86-PM20	20	.58	.45	.40

AMPHENOL TYPE 79-CC4 Cable-clamp used with above connectors to relieve strain on soldered connections.

Stock No.	Mfg. No.	1-24 Each	25-99 Each	100-249 Each	250-999 Each
CM-113	79-CC4	.10	.08	.07	

PRINTED CIRCUIT SOCKETS



TRANSISTOR SOCKET (A). 5 contact. For use 3 contact in line types. CK-722, 2N107, etc. 1 1/2" x 1 1/4" x 1 1/2". Net .26

MINIATURE TUBE SOCKET (B). General purpose phenolic socket. Rapid mount. Snap action contacts. Net .11

MS-150 7 pin Net .15

MS-151 9 pin

WAFER SOCKET (C). For rapid assembly. Contacts snap into individual holes. Net .08

MS-396 7 pin Net .10

MS-397 9 pin Net .18

MS-398 octal

MOLDED TYPE (D). Mounting tam for individual hole insertion. Tube inserts from either end of socket. Net .13

MS-399 7 pin Net .17

MS-400 9 pin Net .21

MS-401 octal

SHIELDED TYPE (E). Water socket with collapsible metal tube shield. Net .26

MS-402 7 pin Net .29

MS-403 9 pin

TOP MOUNTING TYPE (F). Molded—with tabs for top board mounting. Net .10

MS-404 7 pin Net .12

MS-405 9 pin Net .14

MS-406 octal

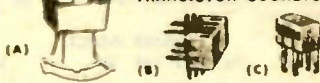
UNIVERSAL TRANSISTOR SOCKET



Latest transistor socket takes transistors with 3 contacts in line. 3 contacts in triangle. 4 contacts in diamond shape (Tetrode). Made of mica filled phenolic. Contacts are beryllium copper, gold flashed over silver plate. Complete with mounting ring. Net ea. .25

MS-395 Shpg. wt., 5 oz. Net ea. in lots of 10 .22

TRANSISTOR SOCKETS



Transistors may be damaged by the heat of soldering. Molded from mica-filled low loss bakelite. Silver plated beryllium copper contacts. *For printed circuits. Size is overall. Avg. shpg. wt., 4 oz.

Stock No.	Fig.	Cont.	Size	1-9	10-49	50-99
MS-275	A	3	1 1/2" x 1 1/4" x 1 1/2"	.15	.13	.11
MS-253	A	5	1 1/2" x 1 1/4" x 1 1/2"	.19	.17	.15
MS-252	C	5	1 1/4" x 1 1/4" x 1 1/4"	.22	.19	.17
MS-149*	B	5	1 1/4" x 1 1/4" x 1 1/4"	.26	.24	.22

SUBMINIATURE SOCKETS



Used in all subminiature radios, hearing aids, and electronic devices that require subminiature tubes. Mica filled low-loss bakelite. Silver-plated beryllium copper contacts. Shpg. wt., 2 oz. Size is overall.

Stock No.	Type	Cont.	Size	1-9	10-49	50-99
MS-253	A	5	1 1/2" x 1 1/4" x 1 1/2"	.19	.17	.15
MS-254	A	6	1 1/2" x 1 1/4" x 1 1/2"	.22	.19	.17
MS-255	A	7	1 1/2" x 1 1/4" x 1 1/2"	.23	.20	.18
MS-256	B	8	1 1/2" x 1 1/4" x 1 1/2"	.29	.26	.23

MEISSNER RADIO-TV-TRANSISTOR COILS-CHOKES

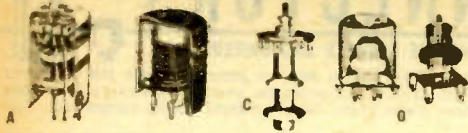


FIG. A — "PLASTIC" I.F. TRANSFORMERS

Trimmer base and coil form are moulded in one piece. Trimmers "floated" away from base with an air gap between the bottom plate and the plastic base. Wide range frequency adjustable either side of pre-set frequency, double-tuned. Metal shield can and Litz wire. Unaffected by temperature or humidity. Size: 1 1/4" square by 2 1/2" high. Shpg. wt., 4 oz.

Stock No.	Input Type	Net	KC	Stock No.	Output Type	Net
CO-229	16-6649	1.59	175	CO-230	16-6651	1.89
CO-231	16-6652	1.89	262	CO-232	16-6654	1.89
CO-233	16-6658	1.89	456	CO-234	16-6660	1.89

HI-Q IRON CORE "PLASTIC" I.F.'S

Stock No.	Type	Description	Net
CO-235	16-6662	Input, peaked at 455KC	1.89
CO-236	16-6663	Output, peaked at 455KC	1.89

FIG. B — STANDARD ANTENNA AND R.F. COILS

Designed to cover the broadcast band from 545 to 1580 KC (190-550 meters) with a 365 mmfd. tuning condenser. High impedance primaries, wound with Litz wire. Shielded coils are in black crackle finish, non magnetic can. 1 1/8" in diameter, 2 1/2" high. Shpg. wt., 4 oz.

Stock No.	Type	Description	Net
CO-202	14-1010	Unshielded ant. coil	1.38
CO-200	14-1004	Shielded ant. coil	1.35
CO-203	14-1011	Unshielded RF Coil	1.89
CO-201	14-1005	Shielded RF Coil	1.32

FIG. C — "UNIVERSAL ADJUSTABLE" UNSHIELDED COILS

Replace Broadcast band coils in most receivers, accurately track other coils when adjusted. Matches inductance of burned out coil with screwdriver adjustment. Oscillator coil adjustable from 175 to 520 kilocycles. For use with either cut plate or padding condenser circuits. Shpg. wt., 6 oz.

CO-204	type 14-1026—Ant.	1.89
CO-205	type 14-1027—R.F.	1.89
CO-206	type 14-1028—Osc.	1.73

MEISSNER COILS

FIG. D — OSCILLATOR COILS FOR 190-550 METER BC BAND

Used with 365 mmfd. cond. IF, RF, and Antenna coils. Shielded type. 1 3/4 x 1 1/2". All without padders except * with padder. Shpg. wt., 4 oz.

Stock No.	Meissner Type	Type	Freq.	KC	Req'd. Padder	Price
CO-214	14-4242	Shielded	175	900	mmfd.	1.14
CO-215	14-4243	Shielded	456	350	mmfd.	1.51
CO-212	14-3732	Unshielded	175	900	mmfd.	1.22
CO-213	14-4034	Unshielded	456	350	mmfd.	1.47
CO-207	*14-1033	Unshielded	456	350	mmfd.	1.25

FIG. E — 3/4" PERMEABILITY TUNED I.F. COILS

Tuned top and bottom, powdered iron cores. Silvered mica condensers, molded plastic bases, etched aluminum cans. 3/4 x 3/4 x 2". With mounting clip and plate. *Spade bolt mtg. with leads. Shpg. wt., 4 oz.

Stock No.	Meissner Type	Function	Each
CO-240	16-6758	455 KC Input and Output	1.58
CO-241	16-6770	455 KC Output, with diode filter condenser	1.64
CO-238	16-6752	262 KC Input for auto receivers	1.89
CO-239	16-6754	262 KC Output for auto receivers, diode condenser	1.89
CO-228	16-3487	10.7 MC FM Input and Output	2.05
CO-237	16-6678*	455 KC AC-DC type Input or Output	2.20

FIG. F — MINIATURE ADJUSTABLE BROADCAST OSCILLATOR COIL

For Battery and 3-Way Portables

Small physical size. 1" x 3/8" and wide range of inductance adjustment. Ideal as replacement unit in most battery and 3-way portables. Inductance range allows use with gang condenser capacities of 108 to 180 mmfd. Allows accurate adjustment of inductance for proper calibration and tracking. Shpg. wt., 4 oz.

CO-211	Meissner Type 14-1074	1.25
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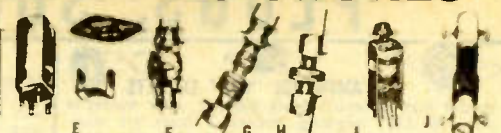


FIG. G — MINIATURE BROADCAST ANTENNA AND R.F. COILS

The small physical size, 1 1/2" x 1/2" and adjustable inductance make these coils ideally suited to replacement in compact circuits or where mounting or original coil is difficult to duplicate. Designed to cover the broadcast band with gang condensers having effective capacities of 280 to 420 mfd. Shpg. wt., 8 oz.

CO-209	Meissner 14-1071—Antenna	1.25
CO-208	Meissner 14-1072—RF	1.25

FIG. H — MINIATURE ADJUSTABLE BROADCAST OSCILLATOR COIL

Utilizes 100 mmfd. Capacity Interwinding. For use with 6SA7, 12SA7, 6BE6, 12BE6, 707, and 14Q7 tubes in receivers having 455 KC Intermediate Frequency and with effective gang condenser capacities of 108 to 180 mmfd. in unpadded circuits, and 365 to 420 mmfd. in padded circuits. Adjustable iron core permits accurate adjustment for proper tracking and calibration. Its small size of 1" x 3/8" permits its use in the most compact circuits. Shpg. wt., 8 oz.

CO-210	Meissner 14-1073	1.25
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FIG. I — PHONO OSCILLATOR COIL FOR WIRELESS RECORD PLAYERS

Knob adjustment for selection of clear frequency in BC band. 1 1/2" sq. x 3 1/2" high. Shpg. wt., 6 oz.

CO-253	Meissner 17-9373	2.83
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BFO COIL

Supplies beat note for CW reception. Range 290-650 KC. Peaked at 456 KC. 1 1/2" sq. x 3 1/2" high. Shpg. wt., 8 oz.

CO-252	Meissner 17-6753	3.46
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FIG. J — "MINIATURE" ADJUSTABLE VIDEO PEAKING COILS

Permit "exact" screwdriver adjustment of frequency response in video amplifier stages by use of powdered iron cores. Mtg. by leads. 1 x 1 1/2". Shpg. wt., 4 oz.

Stock No.	Type	Inductance Range	Net
CO-254	19-1920	65-115 uh	.95
CO-255	19-1921	115-195 uh	.95
CO-256	19-1922	195-325 uh	.95
CO-257	19-1923	325-500 uh	.95

TRANSISTOR OSCILLATOR COILS



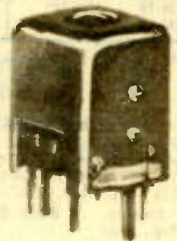
Popular broadcast frequency oscillator coils for replacement, hobby and experimental purposes.

Stock No.	Type	Fig.	TUNING INDUCT.		Size	Net
			CAP. uuf	uH		
CO-218	14-9004	B	365	140	1 1/4" dia. x 7/8" h	1.73
CO-220	14-9006	C	78	248	1 1/2" x 1/2" x 5/8" h	3.46
CO-222	14-9010	B	82	262	3/8" dia. x 1 1/8" h	1.58
CO-224	14-9012	A	59	346	1/2" dia. x 3/4" h	1.89
CO-226	14-9014	B	98	207	1 1/8" dia. x 7/8" h	1.58

TRANSISTOR IF TRANSFORMERS

Permeability tuned, lug mounted miniature IF transformers. All have 455 KC intermediate frequency, except * 262 KC. All units 1/2" square and 5/8" high, except † 3/4" high. Shpg. wt., 4 oz.

Stock No.	Type	IMPEDANCE			Net
		Pri	Sec	App.	
CO-242	16-9001*†	20000	600	AJS	3.78
CO-243	16-9002†	25000	600	AJS	2.20
CO-244	16-9003	10000	500	AJ	3.46
CO-245	16-9004	10000	1500	S	3.46
CO-246	16-9007	80000	25	A	3.46
CO-247	16-9008	30000	25	J	3.46
CO-248	16-9009	30000	1000	S	3.46
CO-249	16-9012	25000	250	A	3.46
CO-250	16-9013	20000	150	J	3.77
CO-251	16-9014	20000	1000	S	2.20



APPLICATIONS:
A—INPUT
J—INTERSTAGE
S—OUTPUT

TRANSISTOR FERRITE ANTENNA COILS



Ferrite antenna coils for broadcast frequencies, having high Q for maximum signal pickup and energy transfer to transistor. Type 14-9015 is adjustable. Wt., 4 oz.

Stock No.	Type	Fig.	TUNING INDUCT.		Size	Net
			CAP. uuf	uH		
CO-216	14-9001	FF	98	880	5/8" x 3/4" x 2 5/8"	1.89
CO-217	14-9003	FR	365	240	1 1/2" dia. x 7" L	1.89
CO-219	14-9005	FF	123	667	3/2" x 3/4" x 3 1/4"	1.73
CO-221	14-9009	FR	165	506	3/2" dia. x 7" L	3.15
CO-223	14-9011	FR	73	1125	3/2" dia. x 5" L	2.52
CO-225	14-9013	FR	123	667	3/2" dia. x 5" L	1.89
CO-227	14-9015	IF	100-365	200-900	3/4" dia. x 2" L	1.38

MEISSNER RF CHOKES



Wound on specially treated dowels. Type with as Fig. A shielded 7/8x1 3/8" sq. case; " are iron core 1"Lx1 1/2" diam; others are 7/8x1 1/2" diam. Inductance (MH) is millihenries.



Stock No.	Type	Mh	Ma	Ohms	Net	Stock No.	Type	Mh	Ma	Ohms	Net
CO-265	19-5588*	8.0	30	77	1.25	CO-262	19-3247	60.0	20	258	1.25
CO-266	19-5592*	30.0	20	165	1.25	CO-261	19-2709	80.0	16	372	1.25
CO-267	19-5594*	60.0	16	318	1.89	CO-269	19-6834=	2.5	20	22	.95
CO-268	19-5596*	80.0	16	342	1.89	CO-270	19-6840=	10.0	20	50	1.11
CO-258	19-1994	2.5	20	40	.95	CO-271	19-6842=	30.0	20	114	1.25
CO-263	19-4551	5.5	20	58	.95	CO-272	19-6844=	60.0	12.5	247.5	1.58
CO-276	19-2078	8.0	20	75	.95	CO-273	19-6846=	80.0	15	258	1.89
CO-275	19-8770	10.0	20	83	1.25	CO-274	19-6848=	125.0	75	330	2.05
CO-259	19-1995	16.0	20	108	.95						

MILLER COILS - NATIONAL RF CHOKES



Fig. A - VIDEO PEAKING - FILAMENT CHOKE COILS

Video peaking coils designed to provide proper bandwidth and wave shape for video signals. Wound on plastic forms except shunt type wound over resistor forms. * Is filament choke; isolates filament to reduce feedback, stray coupling, etc. $\frac{3}{8}$ x $\frac{7}{8}$ " long. Peaking coils $\frac{1}{2}$ x $\frac{3}{8}$ " long. Avg. shpg. wt., 2 oz.

Stock No.	Type	Uh	Shunt	Stock No.	Type	Uh	Shunt
CO-25	6175*	0.8	None	CO-29	6179	180	39K
CO-19	6152	20	None	CO-30	6180	180	None
CO-26	6176	36	None	CO-31	6184	200	None
CO-23	6172	73	None	CO-24	6173	250	22K
CO-27	6177	93	None	CO-31	6181	250	None
CO-28	6178	120	22K	CO-22	6155	300	None
CO-20	6153	120	None	CO-85	6174	500	None

Fig. B - 44MC MINIATURE PICTURE I.F.'S

Permeability tuned. For use in intercarrier receivers of later design. Small physical size for use where space is lacking. Mounts with spring clip. Adapter plate furnished for tube socket hole. * Have trap windings. $\frac{3}{4}$ x 2". Avg. shpg. wt., 5 oz.

Stock No.	Type	Item	Net
CO-57	6230	Converter I.F.	1.62
CO-58	6231	44 MC 1st I.F.	1.62
CO-86	6232	42.5 MC 2nd I.F.	1.41
CO-59	6233*	45.5 MC 3rd I.F.	1.71
CO-60	6234*	44 MC 4th I.F.	1.32

Fig. C - 21.25 MC TV SOUND I.F. TRANSFORMERS

Permeability tuned. For use in TV receivers using separate sound and picture I.F. Channels. All double tuned, top and bottom. High gain and adequate bandwidth for high fidelity sound. 6190 and 6191 are $\frac{7}{8}$ x $\frac{1}{2}$ x $\frac{1}{4}$ ". 6192 and 6184 are $1\frac{1}{4}$ x $1\frac{1}{2}$ x $\frac{1}{4}$ ". Avg. shpg. wt., 5 oz.

Stock No.	Type	Item	Net
CO-38	6190	1st Sound I.F.	1.62
CO-39	6191	2nd Sound I.F.	1.62
CO-40	6192	Foster-Seeley Discriminator	1.94
CO-34	6184	Ratio Detector	2.26

Fig. D - SYNC. STABILIZER COIL (Ringing Coil)

Wound on a 2" long bakelite form and unshielded. Mtg. clips fits a $\frac{1}{8}$ " hole. 16-42 MH, adjustable within a range containing the horizontal sweep frequency. May be used as stabilizer in a multi-vibrator circuit. Overall $\frac{3}{4}$ x $\frac{1}{4}$ ". Shpg. wt., 2 oz.

CO-52	Type 6210	Net	1.47
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Fig. E - WIDTH LINEARITY CONTROL with A.G.C. WINDING

To add AGC to width circuit. Width coil 5-40 MH. AGC winding 2.5 - 7 MH. $\frac{3}{4}$ x $2\frac{1}{4}$ ". Shpg. wt., 5 oz.

CO-75	Type 6316	Net	1.62
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TRANSISTOR I.F. TRANSFORMERS



Type 2041. These transformers have been designed for use with Raytheon Transistor Type CK760. They feature a tapped primary having an impedance near 25,000 ohms, and a secondary winding having an impedance near 600 ohms. 455 kc. Pri. 25K, Sec. 6000. Size: $\frac{1}{2}$ sq. x $\frac{3}{4}$ " high. Shpg. wt., 5 oz. CO-18 Net 2.06

TRANSISTOR LOOP ANTENNA



Type 2000. A fixed inductance loop with a large pickup field to insure adequate signal to the first stage. Inductor is tapped to match an input impedance of 600 ohms. Frequency range 540-1650 kc. when used with a variable capacitor having a maximum capacity of 365 mmfd. Size: $1\frac{1}{4}$ x $1\frac{1}{2}$ ". Shpg. wt., 3 oz. CO-16 Net 1.76

TRANSISTOR OSCILLATOR COIL



Type 2020. For use with a transistor to supply the local oscillator energy to the mixer stage. Used with a variable capacitor having a maximum capacity of 365 mmfd. For intermediate frequency 455 kc. with broadcast band 540-1650 kc. Padder .0004 mmfd. Mounting clip fits into a $\frac{1}{8}$ " diameter hole. Size: $\frac{3}{8}$ " diam. x $1\frac{1}{4}$ " high. Shpg. wt., 3 oz. CO-17 Net 1.47

Fig. F - 4.5 MC INTERCARRIER SOUND I.F. COMPONENTS

Fits the popular intercarrier sound TV receivers. Iron core tuning and HI-Q no-drift capacitors are used throughout. Aluminum shields except *. Top and bottom tuning. Mounting by 6-32 spade bolts. 1469 is used to remove 4.5 MC signal from output of sound detector or plate of video amp. 1470 may be inserted in any part of circuit to attenuate a 4.5 MC signal. Shpg. wt., 5 oz.

Stock No.	Type	Item	Net
CO-10	1466	Input or Interstage	1.76
CO-11	1467	Foster-Seeley Discriminator	2.06
CO-12	1468	Ratio Detector	2.20
CO-13	1469*	Sound Pick-Off	.88
CO-14	1470*	Sound Trap	.88
CO-15	1470-A	Sound Trap	1.12

4.5 MC MINIATURE I.F.

Similar to above but only $\frac{3}{4}$ " square by 2" high. With mounting clip and adapter plate for use in standard tube socket hole.

Stock No.	Type	Item	Net
CO-49	6203	Input or Interstage	1.94
CO-50	6204	Discriminator	2.20
CO-51	6205	Ratio Detector	2.20

Fig. G - HORIZONTAL OSC. AND SYNC. CONTROL COILS

Permeability tuned - for use in horizontal osc. and AFC circuits. Aluminum case. No. 6194 has two coupled windings: one tapped, for use in horizontal osc. circuit; the second center-tapped for phase discrimination. No. 6182 has a tapped osc. coil for use in a horizontal blocking osc. and as sync. control. No. 6183 is same as 6182 but has additional winding for sync. stabilization. Av. shpg. wt., 5 oz.

Stock No.	Type	Item	Net
CO-41	No. 6194	Horiz. Osc. & Discriminator	1.82
CO-32	No. 6182	Horiz. Osc. & Sync. Control	1.47
CO-33	No. 6183	Horiz. Osc. & Sync. Stabilizer	1.91

Fig. H - "40 MC" TV PICTURE I.F.'S

For sets with picture I.F. carrier at 41.25 and intercarrier I.F. at 4.5 MC. All shielded except *. Range 41.75 to 45.75 MC. † have trap windings. $\frac{7}{8}$ x $\frac{7}{8}$ x $\frac{1}{4}$ " except 6219 $\frac{1}{2}$ " O.D. x $1\frac{1}{4}$ ". Avg. shpg. wt., 5 oz.

Stock No.	Type	Item	Net
CO-53	6215	Converter I.F.	1.62
CO-87	6216†	1st Pix I.F. Grid	1.94
CO-54	6217†	1st Pix I.F. Plate	1.94
CO-55	6218†	2nd Pix I.F. Grid	1.82
CO-56	6219*	3rd, 4th and 5th Pix I.F.	.88

Fig. I - HORIZONTAL LINEARITY AND WIDTH CONTROLS

Iron core variable inductance coils for linearity and width adjustment. Wound on a bakelite form $\frac{3}{8}$ " in diameter. Mtg. clip fits $\frac{1}{8}$ " hole. 6300's—phenolic form. Avg. shpg. wt., 4 oz.

Stock No.	Type	Millihenries	Net
CO-42	6195	.185-1.000	.88
CO-43	6196	.054-0.245	.73
CO-44	6196-A	.054-.50 Tapped	.85
CO-45	6197	.550-2.300 Tapped	.85
CO-46	6198	.170-0.610	.73
CO-47	6199-A	1.300-4.100 Tapped	.91
CO-48	6199-B	.500-1.700	.88
CO-72	6313	.50-5.0	1.18
CO-73	6314	2.0-18	1.12
CO-74	6315	4.0-30	1.18
CO-75	6316	4.0-30 With AGC	1.62
CO-77	6317	3.2-9.0 With AGC	1.47
CO-78	6318	.20-3.0	1.00
CO-79	6319	15-60	1.47
CO-80	6320	20-3.0 Tapped	1.03
CO-81	6321	1.0-5.0 Tapped	1.18
CO-82	6322	1.5-10	1.42
CO-83	6323	.50-5.0 Tapped	1.03
CO-84	6324	60-130 Tapped	1.47

Fig. J - 20MC RANGE TV PICTURE I.F.'S

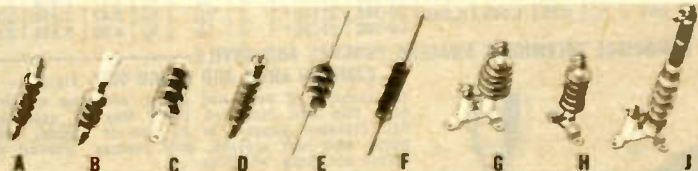
Unshielded except for types 6251 and 6252. Types 6245 to 6248 are single wound. 6249 to 6254 are bifilar wound. Mtg. clip to fit $\frac{1}{8}$ " chassis hole. $\frac{3}{4}$ " O.D. x $2\frac{1}{2}$ " long. Avg. shpg. wt., 5 oz.

Stock No.	Type	I.F. Mc	Trap Mc	Net
CO-61	6245	25.5 1st I.F.	27.25	1.67
CO-62	6246	22.0 2nd I.F.	21.2	1.67
CO-63	6247	21.25		1.67
CO-64	6248	24.5		1.03
CO-65	6249	21-25		1.03
CO-66	6250	25-29		1.03
CO-67	6251	21-25 Shielded		1.47
CO-68	6252	25-29 Shielded		1.47
CO-69	6253	21-30	20-23	1.91
CO-70	6254	22-32	24-29	1.91

Fig. K - CONVERTER AND PICTURE CHANNEL I.F. TRANSFORMERS

Permeability tuned. Used to couple plate of mixer to first video I.F., stage and for video I.F. interstage coupling. Have slug-tuned traps for response curve shaping and sound or adjacent channel rejection. Type 6185 has tap on trap for sound take-off to sound I.F. channel at 21.25 mc. $\frac{7}{8}$ x $\frac{7}{8}$ x $\frac{1}{4}$ " high. Shpg. wt., 5 oz.

Stock No.	Type	I.F. Mc	Trap Mc	Net
CO-35	6185	21.8	21.25	1.82
CO-36	6186	25.3	27.25	1.82
CO-37	6187	22.3	19.75	1.47



NATIONAL RF CHOKES

Wound on ceramic forms except R33, R50 and R60 series on bakelite. All have fungus resistant varnish coat. Type R33 is 2 section. R50 are 3 and 4 section. Types with † mounted on fixed standoff insulator. Types ending in U have removable standoff. Avg. shpg. wt., 2 to 6 oz.

Stock No.	Mfr.	Type	Fig.	MH \ddagger	MA	Ohms	NET EACH	Stock No.	Mfr.	Type	Fig.	MH \ddagger	MA	Ohms	NET EACH
HP-125	R-100	A	2.5	125	50	40	38	HP-139	R-300ST	D	2.5	300	10	46	.44
HP-126	R-100	A	5	125	50	40	38	HP-146	R-50	E	5	75	16.2	40	.38
HP-127	R-100	A	10	125	50	40	38	HP-147	R-50	E	1	75	22	40	.38
HP-129	R-100U†	B	2.5	125	50	48	46	HP-145	R-50	E	2.5	75	41.5	40	.38
HP-130	R-100U†	B	5	125	50	48	46	HP-148	R-50-1	E	10	75	30	61	.59
HP-131	R-100U†	B	10	125	50	48	46	HP-150	R-154	G	1	600	6	2.01	1.65
HP-133	R-100S†	C	2.5	125	50	48	46	HP-T51	R-154U	H	1	600	6	1.61	1.34
HP-134	R-100S†	C	5	125	50	48	46	HP-152	R-175A	J	.225	800	6	3.56	2.96
HP-135	R-100S†	C	10	125	50	48	46	HP-143	R-33	E	1*	850	06	40	.38
HP-137	R-100ST	D	2.5	125	50	46	44	HP-140	R-33	E	10*	75	1	40	.38
HP-138	R-100ST	D	10	125	50	46	44	HP-141	R-33	E	50*	75	4	40	.38
HP-128	R-300	A	1	300	10	44	42	HP-142	R-33	E	100*	75	5.5	40	.38
HP-132	R-300U†	B	1	300	10	48	46	HP-144	R-33	E	750*	75	17	40	.38
HP-136	R-300S†	C	1	300	10	48	46	HP-149	R-60	F	2*	1700	—	40	.38

* = Millihenries † = Microhenries

COILS - COIL FORMS - TERMINALS - CONNECTORS



CAMBRIDGE THERMIONIC COILS AND COIL FORMS

COILS

All are ceramic body except LS series are H.F. paper base phenolic. All metal parts and hardware are electro-plated non-ferrous. LS 3 series 1 1/8 x 3/8", others 7/8 x 1/4". Avg. shpg. wt., 4 oz.

Stock No.	Type	MC	1-9	10-24	25-49	50-99	100-249
CO-313	LSM	1	1.01	.92	.83	.77	.72
CO-312	LSM	3	.98	.89	.80	.75	.70
CO-314	LSM	5	.95	.85	.77	.72	.67
CO-315	LSM	10	.92	.83	.75	.70	.65
CO-316	LSM	30	.89	.80	.72	.67	.63
CO-317	LSM	60	.83	.76	.69	.64	.60
CO-307	LS3	1	1.01	.92	.83	.77	.72
CO-306	LS3	3	.98	.89	.80	.75	.70
CO-308	LS3	5	.95	.85	.77	.72	.67
CO-309	LS3	10	.92	.83	.75	.70	.65
CO-310	LS3	30	.89	.80	.72	.67	.63
CO-311	LS3	60	.83	.76	.69	.64	.60

COIL FORMS

All are ceramic body except * are phenolic. All vertical mount except 2270 and 2271 are horizontal. Complete with assembled hardware except * which are for pointed circuits. Shpg. wt., 4 oz.

Stock No.	Type	MC	L x D	1-9	10-24	25-49	50-99	100-249	250-499
CO-329	PLST-2C4L/N	1-20	1 1/2 x 3/4	1.49	1.49	1.49	1.49	1.49	1.49
CO-330	PLST-2C4L/P	1-20	1 1/2 x 3/4	1.60	1.48	1.42	1.42	1.42	1.42
CO-331	PLSS-2C4L/B	1-20	1 1/2 x 3/4	1.60	1.48	1.42	1.42	1.42	1.42
CO-332	PLSS-2C4L/E	1-20	1 1/2 x 3/4	1.73	1.59	1.53	1.53	1.53	1.53
CO-333	PLS6-2C4L/N	1-20	1 1/2 x 3/4	1.73	1.59	1.53	1.53	1.53	1.53
CO-334	PLS6-2C4L/D	1-20	1 1/2 x 3/4	1.68	1.55	1.48	1.48	1.48	1.48
CO-335	PLS7-2C4L/K	1-20	1 1/2 x 3/4	1.68	1.55	1.48	1.48	1.48	1.48
CO-336	PLS7-2C4L/Q	1-20	1 1/2 x 3/4	1.85	1.69	1.62	1.62	1.62	1.62
CO-302+	SPC-1A-4L	1-20	3/4 x 2 1/4	1.23	1.18	1.15	1.15	1.15	1.15
CO-305+	SPC-2B-4L	1-20	3/4 x 2 1/4	1.23	1.18	1.15	1.15	1.15	1.15
CO-337+	SPC-11A-4L	1-20	3/4 x 1 3/4	1.26	1.20	1.17	1.17	1.17	1.17
CO-338+	SPC-12A-4L	1-20	1 1/4 x 1 3/4	1.26	1.20	1.17	1.17	1.17	1.17
CO-339+	2270-2	1-20	3/8 x 3/8	1.68	1.52	1.44	1.44	1.44	1.44
CO-340+	2271-2	1-20	1 3/8 x 3/8	1.68	1.52	1.44	1.44	1.44	1.44
CO-341*	LSM/E	1-20	1 1/2 x 1/4	1.41	1.34	1.30	1.30	1.30	1.30
CO-342*	LS3/B	1-20	1 1/2 x 1/4	1.41	1.34	1.30	1.30	1.30	1.30
CO-343*	LS4/K	1-20	2 x 1 1/2	1.62	1.51	1.45	1.45	1.45	1.45
CO-344	PLS5/B	1-20	1 1/4 x 1 1/4	1.58	1.46	1.41	1.41	1.41	1.41
CO-345	PLS6/E	1-20	1 1/4 x 1 1/4	1.53	1.42	1.35	1.35	1.35	1.35

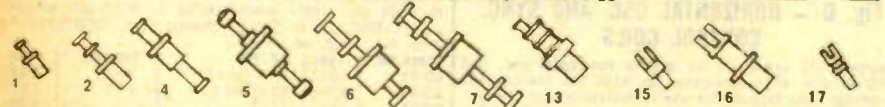
Stock No.	Type	IND uH	1-9	10-24	25-49	50-99	100-249
CO-318	2060-1	2-3.7	.84	.84	.75	.70	.65
CO-319	2060-2	3.5-7	.94	.84	.75	.70	.65
CO-320	2060-3	6.5-10.6	1.03	.93	.82	.77	.72
CO-321	2060-4	10-18	1.03	.93	.82	.77	.72
CO-322	2060-5	16-28	1.09	.99	.89	.82	.76
CO-323	2060-6	28-63	1.18	1.07	.96	.90	.83
CO-324	2060-7	61-122	1.26	1.13	1.02	.95	.89
CO-325	2060-8	120-243	1.35	1.22	1.09	1.02	.95
CO-326	2060-9	238-450	1.41	1.27	1.13	1.06	.99
CO-327	2060-10	440-800	1.46	1.32	1.18	1.10	1.03

X2060 COIL KIT

Contains 1 each of the 10 type 2060 coils above with complete operating data. Shpg. wt., 8 oz.

2082 RF CHOKE KIT. Contains 14 type 2082RF chokes on phenolic from 6.8 uh to 1000 uh. 1 1/2" long. Shpg. wt., 8 oz.

CAMBRIDGE THERMIONIC TERMINALS



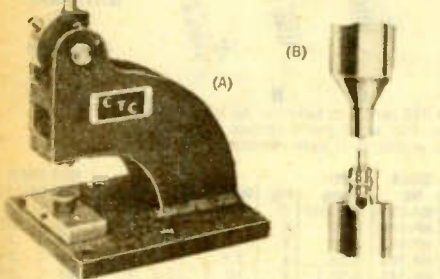
High quality, precision solder terminals. All are brass, silver plated except * are electro tin plated. Water-dip lacquered, chemically clean. Meet gov't. specs.

LTH is length mtg. shank, TH is thickness of mtg. material used. Sold only in packages of 100. Shpg. wt., 4 ozs.

Stock No.	CTC Type	Dimen.		NET PER PKG. OF 100		
		Fig.	Lth.	1-9	10-49	50 UP
CO-348	1010-2	16	3/16	4.61	3.956	3.83
CO-349	1457B	1	3/16	.94	.788	.723
CO-350	1463B	5	3/16	1.35	1.143	1.049
CO-351	1463C	5	3/16	1.35	1.143	1.049
CO-352	1548B	2	1/8	1.26	1.062	.975
CO-353	1548C	2	1/8	1.26	1.062	.975
CO-354	1548D	2	1/8	1.26	1.062	.975
CO-355	1558AA	2	1/8	.91	.761	.698
CO-356	1558BB	2	1/8	.91	.761	.698
CO-357	1558CC	2	1/8	.91	.761	.698
CO-358	1724B	2	3/16	1.45	1.225	1.124
CO-359	1724C	2	3/16	1.45	1.225	1.124
CO-360	1724D	2	3/16	1.45	1.225	1.124
CO-361	1784B	17	3/16	2.41	2.055	1.888
CO-362	1784D	17	3/16	2.41	2.055	1.888
CO-363	1785A	15	.045	1.35	1.143	1.049
CO-364	1785B	15	.093	1.35	1.143	1.049

Stock No.	CTC Type	Dimen.		NET PER PKG. OF 100		
		Fig.	Lth.	1-9	10-49	50 UP
CO-365	1785C	15	.125	1.35	1.143	1.049
CO-366	1969C	15	3/32	1.81	1.538	1.411
CO-367	1969D	15	1/8	1.81	1.538	1.411
CO-368	1979B	13	3/16	2.27	1.933	1.773
CO-369	1979C	13	3/16	2.27	1.933	1.773
CO-370	2004B	7	.093	1.48	1.253	1.150
CO-371	2004C	7	.125	1.48	1.253	1.150
CO-372	2027B	1	1/2	1.35	1.143	1.049
CO-373	2034B	2	3/8	1.61	1.372	1.259
CO-374	2034C	2	3/8	1.61	1.372	1.259
CO-375	2040B	7	.092	1.65	1.397	1.282
CO-376	2041B	1	.082	.97	.815	.747
CO-377	2042B	4	.082	1.06	.889	.816
CO-378	2043B	2	.082	1.01	.849	.779
CO-379	2044B	6	.082	1.13	.948	.870
CO-380	2114C*	2	1/4	3.47	2.978	2.732
CO-381	2114D*	2	1/4	3.47	2.978	2.732
CO-382	2115C*	4	1/8	4.52	3.879	3.558

CAMBRIDGE THERMIONIC SWAGERS, PUNCHES AND ANVILS



CAMBION PRESSURE SWAGER Fig. A.
Sturdy, precision built hand-operated, cam-action rolling tools provide quick, solid uniform swaging of Cambion solder terminals. Adjustable to wide range of board thicknesses. Terminals may be set as far as 1/8" from board edge. Pressure is adjustable and uniform assuring good even peening. Requires Cambion anvil and punch sets. Shpg. wt., 20 lbs.
CO-399WX Net 35.00

CAMBION ANVIL AND PUNCH SETS Fig. B.

Set consists of anvil and punch, precision machined from fine tool tempered steel. May be used with CTC pressure swagers or by use of adapter listed below with foot presses, drill presses, riveting machines etc. Shpg. wt., 8 oz.

Stock No.	CTC No.	Use With Terminal Type	Per Set
CO-383	PSA1, PSP1	1548-1724-1979	5.00
CO-384	PSA2, PSP1	1969C, D	5.00
CO-385	PSA46, PSP3	1457B	5.00
CO-386	PSA5, PSP5	1463B, C	5.00
CO-387	PSA18, PSP4	1784B, D	5.00
CO-388	PSA12, PSP11	1785A, B, C	5.00
CO-389	PSA4, PSP4	1558AA, BB, CC	5.00
CO-390	PSA19, PSP17	2027B	5.00
CO-391	PSA20, PSP18	2040B, 2042B, 2044B	5.00
CO-392	PSA47, PSP4	2034B, C	5.00
CO-393	PSA26, PSP21	2114B, D	5.00
CO-394	PSA27, PSP27	2115C	5.00
CO-395	PSA30, PSP54	2004B, C	5.00
CO-396	PSA45, PSP1	1010-2	5.00
CO-397	PSA20, PSP17	2041B, 2043B	5.00

Type 6098 adapter. Required to use above in other than cambion pressure swager at left.
CO-398 Net 2.50

TERMINAL STRIPS



Superior quality bakelite terminal strips. Solder lugs mounted on 1/8" thick insulation. Available with 2, 3, 4 or 6 solder lugs and screw terminals. Mounting holes for 6-32 screws. Avg. shpg. wt., 4 oz.

Stock No.	Term.	5		50		Stock No.	Term.	5		50	
		For	For	For	For			For	For		
MS-227	2	.08	.35	3.00		MS-371	5	.18	.80	7.00	
MS-228	3	.11	.50	4.00		MS-230	6	.22	1.00	8.00	
MS-229	4	.14	.65	5.50							

HEAVY DUTY SCREW COLLAR STRIPS



3/8" bakelite, 7/8" wide Nickel Plated Brass Screw Terminals, tinned solder lugs. Avg. shpg. wt., 4 oz.

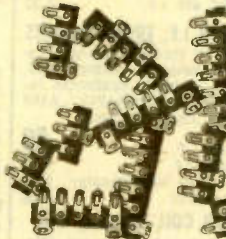
Stock No.	NET EA.	LOTS OF	10	100	Stock No.	NET EA.	LOTS OF	10	100
MS-237	2	.14	.13	.12	MS-242	7	.31	.28	.26
MS-238	3	.17	.15	.14	MS-243	8	.35	.31	.29
MS-239	4	.21	.19	.17	MS-244	9	.39	.35	.32
MS-240	5	.24	.22	.20	MS-245	10	.43	.39	.36
MS-241	6	.27	.24	.23					

BAKELITE MOUNTING STRIPS



Mounts parts on chassis. Avg. shpg. wt., 4 oz.

Stock No.	Term.	10		100		Stock No.	Term.	10		100	
		For	For	For	For			For	For		
MS-231	1	.015	.12	1.10		MS-234	4	.04	.30	2.70	
MS-232	2	.02	.14	1.25		MS-235	5	.05	.40	3.05	
MS-233	3	.025	.17	1.55		MS-236	6	.06	.50	4.00	

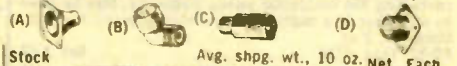


KIT OF 48 SOLDER LUG STRIPS

Handy assortment of 48 solder lug terminal strips with 8 of each type from 1 through 8 lugs. Shpg. wt., 12 oz.

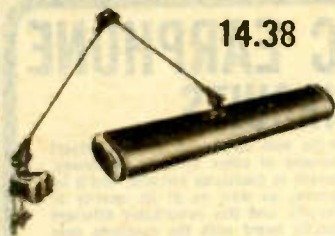
Stock No.	Net
MS-237	.98

AMPHENOL 83-SERIES RF CABLE CONNECTORS



Stock No.	Mfr. No.	Fig.	Description	Avg. shpg. wt., 10 oz. Net	
				1-9	Each 10-49
CM-135	83-1AC		Cap & Chain	.55	.45
CM-242	83-1AF		90° adapter	1.66	1.38
CM-136	83-1BC		Cap & Chain	.72	.60
CM-137	83-1F		Bulk adapter	1.94	1.62
CM-138	83-1H	A	Hood	.26	.22
CM-139	83-1HP	A	Hood	.32	.27
CM-140	83-1J		St. adapter	1.13	.94
CM-141	83-1R		Receptacle	.73	.62
CM-143	83-1SP	C	Plug	.72	.60
CM-142	83-1SPN	C	Plug	.98	.81
CM-144	83-1T		Tee adapter	2.59	2.16
CM-145	83-2I		St. adapter	2.64	2.20
CM-146	83-2R		Receptacle	2.35	1.94
CM-147	83-21SP	C	Plug	3.46	2.88
CM-148	83-22AP*	B	90° adapter	2.44	2.03
CM-149	83-22F*		Bulk adapter	2.85	2.37
CM-150	83-22I*		St. adapter	1.80	1.51
CM-151	83-22R*		Receptacle	.98	.81
CM-152					

SPECIAL ELECTRICAL ACCESSORIES



14.38

ALL PURPOSE LAMP

Ideal for factory benches, tables and drafting boards. Two bolts clamp base securely to any surface up to 3" thick. Spring-controlled swivel joints and double arm action give you light in any desired position. Arm extends 36". Uses two T8, 15-W. lamps. For 110-125V., 60 cycles AC. Shpg. wt., 10 lbs. Bronze finish.

FL-10—less lamps Net 14.38



24.30

SWING-O-LITE INSPECTION LAMP

Designed for precision work, the INSPECTOR features a 5" diameter magnifying glass with a powerful 13" focus, surrounded by a 22 watt shadow-free fluorescent tube. A custom-engineered arm permits complete directional mobility—special adjustment knobs insure the proper tension and steadiness for any desired position. 45" arm reach. Ideal for assembly, laboratory, quality control and other detail work. Shpg. wt., 8 lbs.

FL-21 2.00 Down Net 24.30



8.77

ADJUSTABLE FLEXO LAMP

Designed to provide adjustment to any position or angle. No exposed wiring. Air Cooled Shade. Maximum extension 34". Lamp swivels around at base and at shade and swivels at each joint for universal adjustment. Shade 5 1/2" in diameter, 6" deep. Use standard incandescent bulb. Shpg. wt., 5 lbs.

FL-16 Net 8.77



23.18

AMPLEX TROMBOLITE

Trombolite's unique, improved reflector design provides full use of blended incandescent and fluorescent light sources to give you 23% more light. Trombolite's glide action adjusts readily into any one of a thousand different positions. Comes complete with 60 Watt lamp and Circline daylight tube. Attractively finished in executive grey. Shpg. wt., 8 lbs.

FL-19WX 2.00 Down Net 23.18

TAP-A-LINE

1.47



A must for use in areas having a limited number of outlets—Permits the use of as many as 8 different appliances at one time. Easy to install or use unmounted. Rated at 1000 watts. Ivory colored tough plastic 12" long by 1" square. Four foot heavy cord and plug. Shpg. wt., 1 1/2 lbs.

EL-10 Net 1.47
EL-11—Same as above but 2' long Net 2.40

ELECTROSTRIP



- Every Inch an Outlet!
- Mounts anywhere—quickly—easily!
- No breaking into walls!
- Add outlets—move outlets—at will!

On baseboard, workbench walls, counters—conducting or non-conducting surfaces. Hand forms to corners and irregularities. No need for outlet planning—the outlets move as you choose. Permanent or temporary installations. Becomes a neat, attractive part of room decor—can be painted. Electrical connections where you want them—when you want them—along its entire length. Will not support combustion. The four ft. kit includes four ft. of strip, 3 receptacles, 2 end caps, 12" feed in cord set and mounting screws. The 15 ft. kit includes 15 ft. of strip, feed in (outlet type) 4 receptacles, 2 end caps, 2 wire connectors and mtg. screws. All are U.L. approved. 15 Amps 125V. AC.

EL-67 4 ft. kit—Shpg. wt., 1 1/2 lbs. Net 2.29
EL-68 15 ft. kit—Shpg. wt., 3 1/2 lbs. Net 7.80
EL-69 Extra receptacle. Shpg. wt., 3 ozs. Net .35

Cordomatic HANDY LIGHT



- Portable light and power
- Locks at any length of 20 ft.
- Retracts automatically

Provides light and power up to 20 feet from installation. Swivels 180° when wall mounted—360° rotation when ceiling mounted. Detaches easily to change location. Simply hang it up and plug it in. Eliminates the inconvenience and hazards of tangled cords. U.L. approved. Shpg. wt., 5 lbs.

EL-70 Net 6.72

CORDOMATIC EXTENSION CABLE. Similar to above, except terminates with a 3-way power tap instead of high fixture. Extremely versatile—use indoors or out. U.L. approved. Shpg. wt., 4 1/2 lbs.

EL-71 Net 5.84

NEW! CORDOMATIC MOBILE-LITE REEL

New Mobile-Lite Reel throws a wide, bright beam of light while a built-in electrical outlet provides power for tools or appliances. Completely portable. Phenolic pistol-grip handle on universal swivel permits adjustment to any position. Accommodates a 150-watt reflector flood spotlight or incandescent bulb. 20 ft. cord, 7 amp rating. Hanging hook on back of case permits wall mounting. Less bulb. Shpg. wt., 5 lbs.

EL-78 Net 8.22

Portable Outlet: Similar to above, except does not include lamp fixture. 15 ft. cord, 10 amp rating. Shpg. wt., 2 1/2 lbs.

EL-79 Net 6.72

(A)



RECHARGEABLE FLASHLIGHTS

(A) Always ready for use—no more batteries to buy. Simply plug into the nearest 110V. A.C. wall outlet—leave overnight—for a complete recharge. Self contained charger and cells need no service or replacement in normal use. Light weight—shaped to fit your palm—small enough to keep in your pocket. 4x1 1/2" overall. Shpg. wt., 6 ozs.

F-435 Net 2.59

(B) **AUTOLIGHT:** Similar to F-435, but recharges from 12 V. D. C. source. The perfect flashlight to keep in the car. Recharge while running by plugging into lighter socket. Complete with adapter cord and plug for car cigarette lighter. Shpg. wt., 8 ozs.

F-611 Net 2.79

2.95



AMPHIBIOUS FLASHLIGHT

Completely waterproof, gas tight, explosion proof flashlight. Tested to more than 150 feet under water. Unique lens provides both spot and diffused light. Base switch can be set to use for signaling. Perfect for the skin diver, fisherman, sportsman—or in industry, mines, tankers. Shpg. wt., 1 lb.

F-434 Net 2.95

BIG BEAM

Sealed Beam Beacon Lamp



Powerful and versatile portable hand lamp. Operates as a lamp, a flashing red beacon or both. The flashing beacon may be positioned up or down. Sealed beam bulb keeps mirrored reflector dust free. 4" chrome-plated steel lamphead. Chrome-plated beacon arm fits snugly over handle. Beacon flashes 60 times per minute. Steel weather-proof case with hinged cover and snap catch. Operates on one battery. Shpg. wt., 3 lbs. List 10.50.

ML-66 Less Battery Net 6.98
BA-161 No. F4H battery wt., 1 1/2 lbs. Net .79

ELECTRIC BELL

1.49



Ideal as a fire alarm, burglar alarm warning bell. Gives a clear, loud ring to overcome high level background noise. Gleaming chrome-plated bell on a sturdy plastic base. 110 volts; AC. Overall measures 4 1/4" across and 2 1/4" deep. Shpg. wt., 1 lb.

EL-85 Electric Bell Net 1.49

ELECTRIC BUZZER. Extra Loud. For 110 volts AC. Overall 3 1/2"x2". Shpg. wt., 10 oz.

EL-86 Electric Buzzer Net 1.29

VINYL PLASTIC ELECTRICAL TAPE

54¢ ea.



- 60 Ft. x 3/4"
- .008 in. THICK
- 10,900 V. BREAKDOWN

First quality, pressure sensitive polyvinyl chloride tape. Extremely high dielectric strength of 10,900V breakdown. Insulation resistance of one million megohms. Over 150% elongation at break. Excellent resistance against acids, alkalis, oils, salt water, etc. Tensile strength of 15 lbs. per in. High conformability. Forms light, smooth protective wrap. Shpg. wt., 4 oz.

HD-216 Net, ea. .54

LARGE PLASTIC TAPE KIT: 10 rolls of vinyl plastic tape. Each roll 33 ft. by 3/4". 1 ea. of Red, white, sky blue, blue grey, yellow, brown, green, black and orange. Shpg. wt., 1 1/2 lbs.

HD-478 Net 2.65

SMALL PLASTIC TAPE KIT: 6 rolls, 7 ft. x 1/2" vinyl plastic tape. 1 ea. of red, yellow, blue, green, black and transparent. Shpg. wt., 5 ozs.

HD-477 Net .59

NEW! AUTO SHAVER



5.95

Perfect companion to the motorist. Husky efficient, 12 volt electric razor plugs into auto cigarette lighter. Hi-speed, rotary type, cutting head for a quick easy shave. Only 3 1/4" x 1 7/8" D. Easy grip shape and size. Complete with zippered case. Shpg. wt., 12 oz.

F-610 Net 5.95

POCKET GENERATOR FLASHLIGHT

- NO BATTERIES — EVER!
- ALWAYS READY TO OPERATE!

The perfect pocket flashlight for home—car—or to carry with you. Plenty of bright light just by successive activation of generator lever. No batteries to corrode or go dead. Balanced flywheel generator for ease of operation. Only 2 3/8" x 1 1/2". Ideal for campers—tourists—motorists. Weighs only 6 ozs.

F-169 Shpg. wt., 8 ozs. Net 3.79

50 ft. TROUBLE LAMP

1.80

- 2 Side Outlets

All rubber sheath—all copper wire! Flip-Lok cage eliminates removing from handle to re-lamp. Uses any standard lamp. Heavy rubber plug-push switch—rugged rubber handle. Shpg. wt., 4 lbs.

EL-41 Net 1.80

MINIATURE EARPHONES AND ACCESSORIES



NEW! SUPER POWER DYNAMIC EARPHONE FOR TRANSISTOR CIRCUITS

2.95

THREE
TIMES
THE OUTPUT
OF
OTHER
EARPHONES

This super-power dynamic earphone is not to be confused with run-of-the-mill earphones. Extra efficient construction and a powerful magnet provides up to three times the volume of other dynamic earphones. Lafayette brings you this ideal solution to the problem of low output inherent in transistor circuits. You'll be amazed at the difference in volume when you use this dynamic earphone, as well as at its quality of reproduction. We have tested this item on all kinds of transistorized circuits, and this remarkably efficient earphone functioned so well that in many cases the program was distinctly heard with the earphone over 2 feet away from the ear! It is of course, not limited in use to low powered devices — it will give superior performance wherever a high impedance dynamic earphone is required. AC impedance 7000 ohms, DC resistance 1500 ohms. Snap on earpiece readily removed for cleaning. Complete with 3 ft. detachable plug-in cord.

Shpg. wt., 4 oz.
MS-260

Net 2.95

Argonne

1.59

DYNAMIC EARPHONE

- NEW PATENTED FEATURES
- DETACHABLE PLUG-IN CORD
- FLEXIBLE PLASTIC SUPPORT
- TRANSPARENT CASE AND CORD
- EXCELLENT SOUND REPRODUCTION

Here is a sensitive dynamic earphone of exceptionally fine quality. This lightweight miniature earphone is convenient and comfortable to wear. A flexible polyethylene support holds the receiver securely in place for either ear. The practically invisible transparent cord is connected to the transparent cased earpiece by means of a special plug. Provides clear reproduction of music as well as speech—with a pleasing tone quality. Complete with 3 ft. cord. A superior earphone which must be seen and heard to be appreciated! Shpg. wt., 5 oz. 6 ohm impedance with phone tip plug.

- | | | |
|-------|---|----------|
| AR-51 | 3000 ohm impedance with phone tip plug. | Net 1.59 |
| AR-50 | 6 ohm impedance with subminiature phone plug and matching phone jack. | Net 1.59 |
| AR-47 | 3000 ohm impedance with subminiature plug and matching phone jack. | Net 1.79 |
| AR-46 | 6 ohm impedance with subminiature phone plug and matching phone jack. | Net 1.79 |



.39

EXTENSION CABLE WITH MINIATURE PHONE PLUG & ADAPTER

Perfect for extending earphone from transistor and portable radios. Extension up to 10 feet. Complete with miniature phone plug and adapter. Cable comes in attractive light pink color. Shpg. wt., 2 oz.

MS-590 Net .39

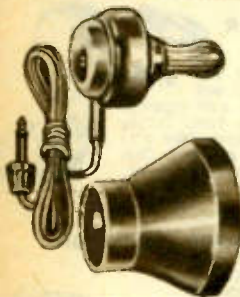
NEW! HIGH OUTPUT CRYSTAL EARPHONE

With Interchangeable Earpiece

And Mouthpiece for Use As Crystal Mike!

High output crystal earphone with sanitary plastic ear-insert and 5½' flesh-colored flexible cord and phone plug. Also makes an excellent crystal microphone—simply unscrew earpiece, screw on mouthpiece. Makes a highly sensitive high impedance mike with outstanding speech intelligibility. Recommended for all applications where a high impedance unit is required. Avg. shpg. wt., 8 oz.

- | | | |
|---|--------|----------|
| Crystal Earphone complete with phone tips and mouthpiece. | MS-439 | Net 1.09 |
| MS-111 Crystal Earphone with phone tips | | Net .89 |



NEW! "WHISPER" BONE-CONDUCTION PILLOW SPEAKER

Unusual New "Sonic Transducer" Cannot Be Heard At A Distance!

SOUND IS ACTUALLY CONDUCTED THROUGH YOUR PILLOW AND BONE TO THE INNER EAR Not just another "pillow speaker", this patented new device produces sound vibrations which are heard best when conducted to the inner ear by a solid pathway, rather than air. No danger of disturbing others—even husband or wife asleep in the same bed! 2½" diameter round ivory plastic case, only ¾" thick for comfortable placement under pillow. Square metal "transducer" surfaces chrome plated with mirror-like finish for cleanliness and pleasing appearance. Connecting cable has light ivory insulation to be almost unnoticeable; 6' long and terminates in a miniature phone plug. Incorporates 3.2-4 ohm voice coil drive; supplied complete with jack and may be connected across any 3-4 ohm speaker voice coil or across any 3-4 ohm output transformer secondary in place of the speaker. Jack permits easy plugging into or removing from radio or phonograph or TV set. Excellent tone quality. Shpg. wt., ½ lb.

F-328 "Whisper" Pillow Speaker

Net 2.25

2.25



ECONOMY ALL-PURPOSE DYNAMIC EARPHONE

- FOR TRANSISTOR AND SUBMINIATURE RECEIVERS
- FOR SILENT RADIO AND TV LISTENING

A sensitive all-purpose earphone designed with both your listening pleasure and pocketbook in mind. Extensive range and excellent tone combine, to provide excellent reproduction. Lightweight, equipped with a practically invisible ear support, that slips comfortably over either ear, from which the earphone can't slip out or fall. Ideal for use with TV and radio sets, amplifiers, miniature and transistor receivers, etc. Attractive unit with shiny chrome finish. Complete with a 3 ft. cord. A super value at this price. Shpg. wt., 5 oz.

6 ohm impedance, with subminiature phone plug. Net .79 MS-591



Only
79¢

NEW! DYNAMIC Stereophonic HEADPHONES

- TRUE BINAURAL REPRODUCTION
- FREQUENCY RESPONSE 40-16,000 CPS
- MATCHED MAGNETIC AND CRYSTAL TRANSDUCERS
- EXCEPTIONALLY LIGHTWEIGHT
- 5 TYPES — MONAURAL AND BINAURAL

Take your choice of five stethoscope type headsets. Binaural or Monaural! High impedance or low impedance! Magnetic or crystal! Only Lafayette offers a complete selection. Binaural units are equipped with two separate and individual transducers and cord sets for true dual channel reproduction. Long the most widely accepted means of stereophonic listening. Both monaural and binaural units are extremely sensitive to insure the desired response. Sound is carried through crystal clear plastic tubes tipped with removable, plastic earpieces. Ingenious hinge device permits adjustment to any desired spacing. Less than 2 ozs. total weight for the utmost in listening comfort. Binaural sets may be used for monaural listening. Shpg. wt., 6 ozs.

BINAURAL HEADPHONES

- | | |
|--|------|
| MS-431 Binaural-Magnetic-6 ohms impedance | 2.35 |
| MS-432 Binaural-Magnetic-5000 ohms impedance | 2.45 |
| MS-433 Binaural-Crystal-100,000 ohms impedance | 1.95 |

MONAURAL-MAGNETIC HEADPHONES

- | | |
|--|------|
| MS-429 Monaural-Magnetic-6 ohms impedance | 1.75 |
| MS-430 Monaural-Magnetic-5000 ohms impedance | 1.95 |



NEW! CRYSTAL HEADSET

This new lightweight, under-the-chin crystal headset provides the utmost in listening comfort wherever a headset is used. This unit is characterized by a high sensitivity and is ideal for all applications where a very high impedance unit is required. This headset offers fine reproduction and comfortable listening in a lightweight design. Complete with 3 ft. cord and standard phone tips. Shpg. wt., 5 oz.

MS-369

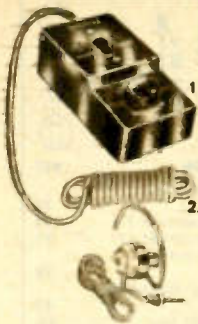
Net 1.39



EARPHONES • HEADSETS • ACCESSORIES

REMOTE CONTROL FOR SILENT TV VIEWING

• SIMPLE TO ATTACH TO ANY TV SET OR RADIO • SEE AND HEAR—NOISELESSLY—CONVENIENTLY • LOOK AT THESE FEATURES!



- FOR LATE LISTENERS:** One or two people can both see and hear the program with the loudspeaker cut off. Tops for enjoying the late-late show without disturbing the rest of the household or the neighbors.
- FOR HARD-OF-HEARING:** They can see and hear without turning the set volume so high that others can't stand the noise. They can listen either with the loudspeaker cut off or, if the rest of the family want to hear, with the speaker on.
- FOR NOISY PROGRAMS:** Don't let the kids' "Wild Westerns" bother you. Let them view and listen with the speaker off.
- FOR NORMAL OPERATION:** Does not affect your regular use of the T.V. set. Does not have to be disconnected from set.
- REMOTE CONTROL:** Comes complete with 20 ft. of cable so it can be operated comfortably from a distance. Has its own volume control, speaker on-off switch, and two sets of jacks so either 1 or 2 ear phones can be connected.
- DYNAMIC EAR PHONE:** Set is supplied with one of ARGONNE exclusive Hi-Fi dynamic miniature earphone. Highly sensitive and efficient. Phone is complete with 3 ft. cord and tips, ready to insert in control box.
- CONVENIENT:** Size only 3 7/8x2x1 1/2". Complete with 1 earphone and 20 ft. cable. Completely wired with instructions. Shpg. wt., 3 lbs. MODEL .MS-125 Net 6.50

EXTRA EARPHONE

MS-591 Shpg. wt., 8 oz. Net .79
10' extension cord for above.
MS-590 Shpg. wt., 4 oz. Net .39

LAFAYETTE STEREO HEADPHONES



ONLY
15.95

A TERRIFIC VALUE!

Radically different from conventional earphones, these Lafayette stereo 'phones actually contain two small high fidelity dynamic speakers in specially designed casings. These 2 1/2 inch units provide a frequency range of 30-15,000 cycles. Extremely comfortable due to foam rubber ear and head pads. Ideal for stereo or monaural; 8 ohm impedance on each channel (4 ohms with both sides connected together) enables a direct attachment to amplifier output. Seven foot cord has two-circuit phone plug. Shpg. wt., 2 lbs. F-618 Net 15.95

JUNCTION BOX

For connecting stereo headphones to an existing system without the need of continually disconnecting speakers. Impedance 4-16 ohms. Has separate earphone jacks for stereo or monaural, separate volume controls for each side of the headset, and a speaker on-off switch. 4 3/4x1 1/4x1 1/4"D. Shpg. wt., 1 1/4 lbs. F-641 Net 4.59

BRUSH CRYSTAL HEADPHONES

General Purpose Headphones

Model BA-200 Rugged, sensitive. Impedance, 45,000 ohms. Response, 100-8,000 cps. With 5' cord and headband. Shpg. wt., 2 lbs. ME-10 Net 14.70



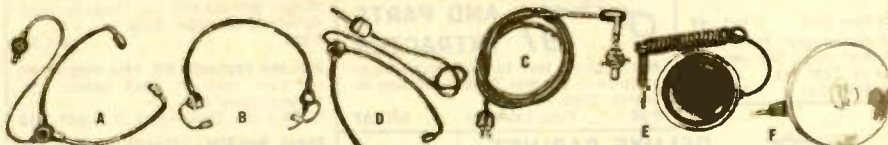
PHONE AND SPEAKER CORDS 4 1/2 Feet Long

Sturdily made, with cotton braid insulation. 4 1/2 feet long. Avg. shpg. wt., 11 oz.
MS-35 Double type. 1 end spade tip, other straight .45
MS-36 Double type. Pin tips both ends .45
MS-37 Single type. Pin tips both ends .33

HEADPHONE CUSHIONS FOR ALL PHONES

Made of soft rubber for comfortable listening and for earphone protection. Fit all types of headphones. Shpg. wt., 1 lb. MS-34 Pair .73 5 Pairs for 3.35

TELEX HEADPHONES AND ACCESSORIES



TELEX MONOSET (Fig. A)

Under-the-chin lightweight headset for individual listening. Reduces head fatigue. Removable white plastic ear plugs for easy cleaning. Magnetic type. Weighs 1.2 oz. Complete with 5 ft. cord and standard phone plug.
ME-50 HMV-2—128 ohms Net 7.35
ME-51 HMY-2—2000 ohms Net 7.35
ME-52 HMV-7—128 ohm with volume control Net 12.49
ME-53 HMY-7—2000 ohm with volume control Net 12.49

TELEX HI-FI DYNASET (Fig. D)

Sensitive Hi-Fi under-the-chin dynamic headset. 50-8000 cycle response to 25 MW. Midget 3/4" 6-ohm speaker built right into the plug. Light gray finish. Shpg. wt., 6 oz.
ME-61 HUP-01—6 ohms—Complete List 14.75 Net 8.67

TELEX CORD SETS (Fig. C)

All are 5 ft. cords without volume controls. All fit Monoset, twinset, and magnetic pillow speaker except * fits dynamic pillow speaker. Shpg. wt., 9 oz.
ME-56 CMM-2—Standard Phone Plug Net 2.06
ME-57 CMM-92—90° miniature phone plug 1.85
ME-58 CMM-98—Straight min. phone plug 2.06
ME-59 CMM-99—Extension cord 2.06
ME-60 CSD-2—Standard phone plug 2.06

TELEX TWINSET (Fig. B)

Banishes headachy ear pressure. Band rests on head and receivers set gently at temples; tubular sound arms pipe signal to ears. Only 1.6 oz. C.A.A. approved for pilots. Complete with 5 ft. cord and standard phone plug. Shpg. wt., 10 oz.
ME-54 HTL-2—64 ohms Net 12.35
ME-55 HTW-2—1000 ohm for pilot use (CAATC3R2-1) Net 12.35

TELEX DYNAMIC PILLOW SPEAKER (Fig. E)

New dynamic miniature pillow speaker gives ultimate in tonal quality without distortion. For individual and institutional use. Stainless steel, moisture proof housing. Size: 3 3/4" dia., 1 1/4" max. thickness. With 5 ft. cord and standard phone plug. Shpg. wt., 8 oz.
ME-62 SDN-2—3.0 ohm List 10.20 Net 6.00
ME-63 SDM-2—10,000 ohm List 12.10 Net 7.11

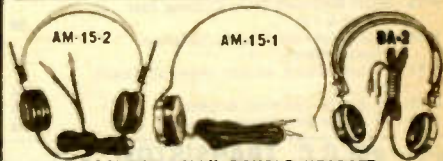
TELEX MAGNETIC PILLOW SPEAKER (Fig. F)

Only 2 1/2" diameter and only 5/8" thick! Ideal for comfortable radio or television listening through a pillow in bed or in a chair without disturbing others. Maroon waterproof plastic. Complete with 5 ft. cord and standard phone plug. Shpg. wt., 8 oz.
ME-64 SMV-2—125 ohms List 10.70 Net 6.61
ME-65 SMY-2—2000 ohms List 10.70 Net 6.61

LAFAYETTE SPECIAL — 4,000 OHM HEAD SET DOUBLE MAGNET 1.59



Quality double headset with adjustable headband for comfortable listening. 4000 ohms d.c. resistance. Has durable permanent magnets, removable ear piece and 3 1/2 ft. of extension cord, covered with woven cotton braid and terminated with standard head phone tips. Extremely light weight and efficient. Shpg. wt., 12 oz. F-374 Net 1.59



"CANNON-BALL" DOUBLE HEADSET

Low-priced, lightweight, with powerful Alnico V magnets and double coils. Adjustable steel headband. 4 1/2 ft. cord.
ME-30 AM-15-2—2000 ohms D.C. 2.06
ME-31 AM-15-3—3000 ohms D.C. 2.20
ME-32 AM-15-5—5000 ohms D.C. 3.09

"CANNON-BALL" SINGLE HEADSET

Single efficient phone with spring steel headband and 4 1/2 ft. cord. Shpg. wt., 1 lb.
ME-33 AM-15-1—1000 ohms D.C. 1.18
ME-34 AM-15-1500—1500 ohms D.C. 1.32

"CHIEF" HEADSET

Similar to above but all—Bakelite phones, double coils, alnico magnets and vinyl headband.
ME-42 11 ohms Net 2.35

BRANDES "ADMIRAL" HEADPHONES

"Matched-tone" headset. Large diaphragms. Double coils, chrome steel magnets. Adjustable steel headband. 4 1/2 ft. cord. Shpg. wt., 2 lbs.
ME-35 BA-2—2000 ohms 2.44
ME-36 BA-3—3000 ohms 2.73
ME-37 BA-5—5000 ohms 3.53

BRANDES "SUPERIOR" HEADPHONES

"Matched-tone" headset of same general construction as the "Admiral" but with terminals on the outside.
ME-38 BS-2—2000 ohms 2.44

HEARING AID FOR RADIO

Headphone hearing device increases enjoyment for persons having difficulty hearing radio programs properly. Excellent for private listening. Connects to radio in a few minutes. With switch for listening to phones only, speaker only, or to both. Phones match loudspeaker coil.
ME-39 DC-2. Shpg. wt., 2 lbs. 4.70
ME-40 SP-1—Same but with single phone. Shpg. wt., 1 lb. 3.38
ME-41 K-4—3-way switch only. Shpg. wt., 8 oz. 1.85



TELEX MINIATURE PHONE PLUG AND JACK

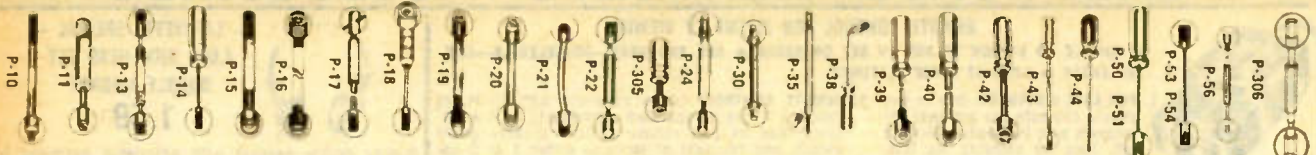
1/2 the size of previous small plugs and jacks. Yet with all the quality of precision workmanship. Plug is 1 1/2" long by 1/4" diameter. Jack can be mounted on any panel up to 1/8".
PJ-39 TELEX NO. PM01—PLUG. Shpg. wt., 4 oz. .35
PJ-40 TELEX NO. JMP01—JACK (Closed Circuit). 4 oz. .24
PJ-41 TELEX NO. JMP02—JACK (Open Circuit). 4 oz. .24

TELEX DYNAMIC MINI-MIKE

- High Sensitivity
- Light Weight
- 1 x 1 x 3/4"

This tiny unit contains a dynamic speaker and mike. Ideal in any application requiring a miniature electro-acoustic transducer, such as dictating machines, transceivers, etc. Impedance, 10 ohms. Sensitivity: 52 db below 1 v/dyne/sq. cm (mike with transformer); 124 db with 10 mw input (speaker). Weighs only 1 1/4 oz. Tough thermosetting plastic and steel case.
ME-66 Model MDP01—less transformer. 4 oz. Net 5.53
ME-67 Model 8918—Matching transformer. Input to grid 0 to 150,000 ohms. Size 1 1/4x3/4x1/2". 4 oz. Net 2.65

G. C. ALIGNMENT TOOLS — CHEMICALS — SERVICE AIDS



LAF NO.	DESCRIPTION	NET	LAF NO.	DESCRIPTION	NET
P-10	Alignment Screwdriver—General Purpose	.32	P-20	TV "Shorty" All-Purpose Duplex Aligner	.50
P-11	Short Alignment Screwdriver	.35	P-21	TV Tuning Wand	.35
P-13	K-Tran Aligning Tool	.76	P-22	Zenith TV Wrench & Aligner	.47
P-14	Channel Tuning Screwdriver with 1/8" blade	.71	P-24	Zenith Nylon Hex Wrench	.68
P-15	Short Recessed Blade Aligning Tool for TV & FM	.38	P-30	Slug Tuner Adjusting Tool	.56
P-16	Television Core Aligner (Motorola, Stewart-Warner, etc.)	.56	P-35	Westinghouse Tool	.38
P-17	TV Long-Reach Aligner (Admiral, Zenith, RCA, etc.)	.74	P-38	Inspection Mirror	1.09
P-18	TV Zenith Universal Aligner	.50	P-39	TV I.F. Oscillator Tool (RCA, G-E, Philco, Admiral, etc.)	.68
P-19	TV All-Purpose Duplex Aligner	.50	P-40	TV All-Purpose Aligner, recessed blade	.62
			P-42	Universal Screwdriver Aligner	1.12
			P-43	Nylon TV Long-Reach Aligner	.46
			P-44	Non-Magnetic Beryllium Aligning Screwdriver 1/8"	.76
			P-50	X-57 Slim Line Aligning Screwdriver 7"	.59
			P-51	X-57 Slim Line Aligning Screwdriver 12"	.91
			P-53	TV Long-Reach Insulated Screwdriver (1/8" blade)	.38
			P-54	TV 12" Long-Reach Insulated Screwdriver (1/8" blade)	.44
			P-56	Transistor I.F. core alignment tool	.62
			P-305	Shorty Alignment Tool Recessed Driver with 1/8" Blade	.41
			P-306	5" .125 Hex Nylon Double End Iron Core Tool	.46

G.C. TRANSISTOR SILICONE COMPOUND
1.47
 Essential for preventing overheating of transistors. Conducts heat from transistor to chassis. Apply to chassis and transistor whenever transistor replacements are made. Shpg. wt., 10 oz. Net 1.47
 P-67

G.C. TV ALIGNMENT TOOL KIT
 A handy, all-purpose TV kit put up in a convenient plastic container. Kit contains four basic essential tools that will service the majority of TV sets. Contains one each P-40, P-41, P-42, P-305. Shpg. wt., 1 lb. Net 1.91
 P-75

G.C. SERVICE TWEEZERS
 Made of polished nickel-plated spring steel. Handy in shop or laboratory for starting nuts and screws, holding wires, clamping cemented items, installing dial cords, etc. Shpg. wt., 4 oz.
 P-71 — Self-Closing Type. 6 1/2" long, with blunt points .76
 P-72 — Heavy-Duty Type. 6 1/2" long, with slide lock and blunt points .88
 P-73 — Precision Type. 4 1/2" L. pointed .50
 P-74 — All 3 above in leatherette case 2.23

POPULAR G.C. CHEMICALS
 Service Cement. For repairing speakers and general radio work. Vibration-proof, water-proof—fast drying.
 P-269 2 ozs. Shpg. wt., 5 oz. Net .47
 P-270 4 ozs. Shpg. wt., 8 oz. Net .71
 P-271 8 ozs. Shpg. wt., 1 lb. Net 1.23
 Bakelite Cement. The only practical cement for bakelite. Cements bakelite to bakelite and other materials.
 P-275 2 ozs. Shpg. wt., 5 oz. Net .47
 Plastic Cement. For all types of plastic. Fast drying—waterproof—strong bond.
 P-276 2 ozs. Shpg. wt., 5 oz. Net .44
 Pij-O-Bond Cement. Sticks anything to anything. Dries rapidly—waterproof—very high strength.
 P-281 2 ozs. Shpg. wt., 5 oz. Net .47
 Red-X Corona Dope. Prevents corona shorts in Hi-Voltage circuits. Flexible—fast-drying.
 P-282 2 ozs. Shpg. wt., 5 oz. Net .71
 Q Dope
 P-283 Shpg. wt., 6 oz. Net .47
 Creme-O-Wax Polish. For TV and radio cabinets. Hard-glassy, durable finish.
 P-288 1/2 pt. Shpg. wt., 1 lb. Net .59
 Electronic Contact Cleaner. New red cleaner-made with Lube—Rex. Fast drying—universal contact cleaner.
 P-289 2 ozs. Shpg. wt., 5 oz. Net .53
 Liquid Non-Slip. Penetrating—fast drying. Prolongs life of cables and bells. Prevents slipping.
 P-292 2 ozs. Shpg. wt., 5 oz. Net .47
 Phono-Lubricant. Special lubricant for phonos. Will not thin out. Clings to metal surface. 2 oz. tube. Shpg. wt., 5 oz. Net .53
 Dial and Appliance Oil. Free running oil for dials, controls, small motors, etc. In handy spout can.
 P-294 4 ozs. Shpg. wt., 8 oz. Net .53
 Phono Non-Slip. Prevents slippage on turntables, changers, tape recorders, etc.
 P-295 Shpg. wt., 1 lb. Net .88

G.C. ILLUMINATED MIRROR
1.97
 Battery powered, hinge mounted, inspecting tool with insulated shaft; perfect for inspecting in out-of-the-way places. Locking switch for on-off and one-hand operation. Comes with bulb but less batteries (2 standard penlight cells). 12 1/4" long.
 P-70 Illuminated Inspection Mirror, Shpg. wt., 1 lb. Net 1.97

GENERAL CEMENT TEL-A-TURN ALIGNMENT TOOLS
 General Cement brings you the most sensational alignment tool ever developed. It automatically counts the turns right or left. Just insert the tool in screw head or slug, line up calibrator sleeve in center scale, and while holding sleeve steady in one hand rotate tool in either direction as required, read the number of turns on calibrator sleeve and use as a reference. Tools are made of tough, durable, polyester fiberglass with clear plastic calibration sleeve. Shpg. wt., 2 oz. IF Aligner, double ended. One end fits a =4 stud, the other end fits a =6 stud.
 P-76 Tel-a-turn Tool Net .97
 An alignment screw driver with standard metal tip at one end. The other end has very thin 7/64" metal blade for small can openings.
 P-77 Tel-a-Turn Tool Net .97
 A double-ended Hex aligner that turns both top and bottom slugs. One end has .100" hex, other is .125" hex.
 P-78 Tel-a-Turn Tool Net .97

G.C. RADIO PHONO CHASSIS REPAIR CRADLE
4.85
 G.C. "Quick-Rig" makes radio repair work quick and easy. Complete 360° rotation permits you to lock the chassis at the best working angle, clamps chassis securely and eliminates make shift setups. All metal, sturdy construction. Adjustable width for different sizes of turntables, etc. Shpg. wt., 5 lbs. Net 4.85
 P-65

G.C. FLEX-SOL SPRAY CAN EXTENSION
.87
 Adapts spray cans to any use—puts the spray where you want it. Now you can reach and clean controls and tuners without removing them from the chassis. Won't short. Universal nozzle design fits ALL spray cans. Shpg. wt., 1 lb. Net .87
 P-69

G-C TUBE AND PARTS EXTRACTOR
.97
 Handy prong tool for extracting tubes and picking up parts. Rubber cushions on prongs. Shpg. wt., 8 oz. Net .97
 P-66 Tube Extractor

Electronic Contact Cleaner. New red cleaner-made with Lube—Rex. Fast drying—universal contact cleaner.
 P-289 2 ozs. Shpg. wt., 5 oz. Net .53
Liquid Non-Slip. Penetrating—fast drying. Prolongs life of cables and bells. Prevents slipping.
 P-292 2 ozs. Shpg. wt., 5 oz. Net .47
Phono-Lubricant. Special lubricant for phonos. Will not thin out. Clings to metal surface. 2 oz. tube. Shpg. wt., 5 oz. Net .53
Dial and Appliance Oil. Free running oil for dials, controls, small motors, etc. In handy spout can.
 P-294 4 ozs. Shpg. wt., 8 oz. Net .53
Phono Non-Slip. Prevents slippage on turntables, changers, tape recorders, etc.
 P-295 Shpg. wt., 1 lb. Net .88

LUMINOUS LIGHT COAT KIT
3.17
 Long-life, non-poisonous coating absorbs light in the day time and glows in dark. Hundreds of uses in lab, home, office, factory. Contains luminous powder—thinner—Top Koat and brushes. Shpg. wt., 2 lbs. Net 3.17
 P-261

DELUXE CABINET REPAIR KIT
5.73
 Comes in handy metal box. Contains ten shades of shellac sticks, bottles of light and dark oil stain, bottles of metal shading varnish, polish, General Scratch Stik, alcohol lamp (with alcohol), spatula, small brushes, steel wool, sandpaper, and wiping cloth. No special skill required. Directions. Shpg. wt., 3 lbs. Net 5.73
 P-259

STANDARD T.V. ALIGNMENT TOOL KIT
4.67
 Contains 9 essential tools in roll-type case. One each P-13, P-14, P-15, P-16, P-17, P-18, P-19, P-21, P-39. Shpg. wt., 8 oz. Net 4.67
 P-307

CONTACT CLEANER HYPODERMIC ELECTRONIC NEEDLE INJECTOR
.47
 Here's a handy applicator made on the hypodermic principle to inject cleaners and oils into shafts, controls and tight places. It's a tool every service man should have to save time. Applicator is supplied with a 2-oz. bottle so you can use G-C Cleaner with this handy applicator.
 P-262 Shpg. wt., 5 oz. Net .47

RETMA COLOR CODING KIT
1.44
 Complete kit of all standard RETMA colors. Black, brown, red, orange, yellow, green, blue, purple, gray and white. Brilliant—durable colors. Complete with brushes and RETMA color code chart. Shpg. wt., 2 lbs. Net 1.44
 P-260

SCRATCH KIT REMOVER
1.62
 Combination kit of 6 colors, popular shade of wood Scratch-Stick fillers and 2 bottles scratch remover liquid walnut and clear. Work on all light and dark wood.
 P-258 Shpg. wt., 2 lbs. Net 1.62

General Cement - Radio & T.V. Hardware and Chemicals

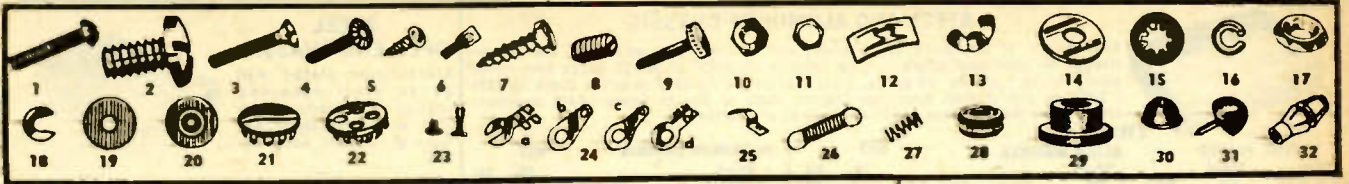


FIG. 1 — ROUND HEAD SCREWS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
4-36 x 1/4"	P-80	40	P-170	.48
4-36 x 1/2"	P-81	35	P-82	.51
4-36 x 3/4"	P-83	35	P-84	.60
6-32 x 1/4"	P-85	40	P-86	.52
6-32 x 1/2"	P-87	30	P-88	.61
6-32 x 3/4"	P-89	30	P-90	.72
6-32 x 1"	P-91	30	P-92	.81
6-32 x 1 1/4"	P-93	30	P-94	.91
8-32 x 1/4"	P-95	30	P-96	.69
8-32 x 3/4"	P-97	25	P-98	.73
8-32 x 1"	P-99	25	P-100	.79
8-32 x 1 1/4"	P-101	25	P-102	.91
8-32 x 1 1/2"	P-103	20	P-104	1.04
10-32 x 1/2"	P-105	20	P-106	.93
10-32 x 3/4"	P-107	20	P-108	1.10
10-32 x 1"	P-109	17	F-110	1.22

FIG. 2 — BINDING HEAD SCREWS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-111	35	—	—
5-36 x 1/4"	P-112	35	P-113	.52
6-32 x 1/4"	P-114	35	P-115	.52
7-32 x 3/4"	P-116	30	P-117	1.53

FIG. 3 — OVAL HEAD RACK SCREWS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
6-32 x 3/4"	P-118	30	P-119	.72
8-32 x 3/4"	P-120	25	P-121	.91
10-32 x 3/4"	P-122	20	P-123	1.10

FIG. 4 — ORNAMENTAL HEAD SCREWS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-124	20	—	—
6-32 x 3/4"	P-125	25	P-126	1.05
6-32 x 1"	P-127	20	P-128	1.15
8-32 x 1 1/4"	P-129	12	P-130	1.57

FIG. 5 — WOOD SCREWS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-131	25	—	—
4 x 1/2"	—	—	P-132	1.11
6 x 3/4"	—	—	P-133	1.25
6 x 1"	—	—	P-134	1.40

FIG. 6 — SPADE BOLT #6 HOLE				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-135	25	—	—
6-32 x 7/8"	—	—	P-136	1.97

FIG. 7 — SELF TAPPING SCREWS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-137	25	—	—
4 x 1/2"	P-138	35	P-139	.95
6 x 1/4"	P-140	30	P-141	.95
6 x 1/2"	P-142	25	P-143	1.05
8 x 1/2"	P-144	20	P-145	1.22
10 x 1/2"	P-146	15	P-147	1.71

FIG. 8 — KNOB SET SCREWS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-148	15	—	—

FIG. 7 — PHONO NEEDLE SET SCREWS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-149	12	—	—
2-56 x 9/10"	P-150	12	P-151	.65
1-72 x 3/8"	P-152	5	P-153	1.63

FIG. 9 — PHONO CARTRIDGE MTC. SCREWS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-154	60	—	—

FIG. 10 — HEX NUTS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-155	30	—	—
4-36 x 1/4"	P-156	30	P-157	.68
6-32 x 1/4"	P-158	30	P-159	.68
6-32 x 3/4"	P-160	30	P-161	.72
8-32 x 1/4"	P-162	30	P-163	.72
8-32 x 1 1/2"	P-164	30	P-165	.72
10-32 x 3/8"	P-166	30	P-167	.94

FIG. 11 — MOUNTING NUTS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-168	12	—	—
Vol. Cont.	P-169	15	—	—
Toggle Sw.	P-171	10	—	—
Ring Nut	P-172	8	—	—

FIG. 12 — SPEED NUT				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-173	30	—	—

FIG. 12 — ACORN NUTS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-174	10	—	—

FIG. 13 — WING NUTS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
6-32	P-175	10	P-176	3.24
8-32	P-177	10	P-178	2.68
10-32	P-179	8	P-180	2.68

FIG. 14 — METAL WASHERS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-181	80	—	—
No. 6	P-182	80	P-183	.27
No. 8	P-184	80	P-185	.28

FIG. 15 — LOCK WASHERS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
No. 6	P-186	50	P-187	.45
No. 8	P-188	50	P-189	.49
No. 10	P-190	45	P-191	.49

FIG. 16 — SPLIT LOCK WASHERS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
No. 6	—	—	P-192	.45
No. 8	—	—	P-193	.37
No. 10	—	—	P-194	.53

FIG. 17 — CUP WASHERS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
No. 6	P-195	45	P-196	.39
No. 8	P-197	45	P-198	.41
No. 10	P-199	35	P-200	.55

FIG. 18 — C WASHERS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-201	25	—	—

FIG. 19 — FLAT FIBRE WASHERS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-202	35	—	—
3/8"	P-203	30	—	—
1/2"	P-204	20	P-205	.97

FIG. 20 — EXTENDED FIBRE WASHERS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
1/2"	P-206	8	P-207	2.10
3/4"	P-208	8	P-209	2.80
1"	P-210	6	P-211	2.96
1 1/4"	P-212	5	P-213	3.53
1 1/2"	P-214	6	P-215	4.55

FIG. 21 — HOLE PLUGS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-216	4	P-217	7.94

FIG. 22 — VENT HOLE PLUG				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-218	20	—	—

FIG. 23 — SNAP-IN TRIMOUNTS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
No. 8A	P-218	25	P-219	1.17
No. 8B	P-220	30	P-221	.85
No. 8C	P-222	25	P-223	1.81
No. 8D	P-224	25	P-225	1.12
No. 10D	P-226	25	P-227	1.45

FIG. 24 — SOLDER LUGS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-228	25	P-229	.96
1/2"	P-230	20	P-231	1.09
3/4"	P-232	15	P-233	1.24

FIG. 25 — CABLE CLAMPS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-234	10	—	—
ASST'D	P-235	10	—	—

FIG. 26 — TENSION SPRINGS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-236	15	—	—
ASST'D	P-237	15	—	—

FIG. 27 — COMPRESSION SPRINGS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-238	16	P-239	1.10
1/4"	P-240	14	P-241	1.23
3/8"	P-242	12	P-243	1.66
1/2"	P-244	10	P-245	1.86
5/8"	P-246	8	P-247	2.83

FIG. 28 — RUBBER GROMMETS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-248	12	—	—
1/2"	P-249	8	P-251	.89
3/4"	P-250	8	P-253	2.18
1"	P-252	8	—	—

FIG. 29 — RUBBER CHASSIS MOUNTS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-248	12	—	—
ASST'D	P-249	8	—	—
3/4" O.D.	P-250	8	P-251	.89
1" O.D.	P-252	8	P-253	2.18

FIG. 30 — RUBBER FEET				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-249	8	—	—
3/4" O.D.	P-250	8	P-251	.89
1" O.D.	P-252	8	P-253	2.18

FIG. 31 — RUBBER TACK BUMPERS				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
ASST'D	P-254	10	P-255	1.81

FIG. 32 — CORD STRAIN RELIEF				
Size	Box Stock #	Qty. .35	Pkgs. of 100 Stock #	Net
FOR POST	P-256	5	P-257	5.16

NEW! Minneapolis-Honeywell TAP-LITE

● QUIET — CONVENIENT — TOUCH ACTION
● SCREWLESS TERMINALS

A completely new concept in wall switch design. Trim, ivory button and concave plexiglass flush plate. Clear wall plate permits using any color or material to match or contrast with any wall color. Connects in less time than old fashioned wall switches through use of unique, screwless terminals. Can be installed in a few seconds by anyone. No extra wiring needed. A feather-light touch actuates the switch. Tap—it's on, Tap—it's off. Free color inserts with each switch—can be used as is—painted—or used as a pattern. Fits standard electrical boxes. Rated 15 amps., 120-227 V.A.C. U.L. insp.

Model	List Price	Net Price
EL-49 Single Pole	1.95	1.43
EL-50 3-Way	2.45	1.80
EL-51 Single Pole—2 gang	4.00	2.94

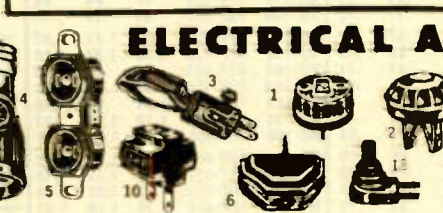
PERMA-PLUG

● 4 SAFE OUTLETS IN ONE
● EASILY INSTALLED
● U.L. APPROVED

Eliminates bothersome "plug switching". Now you can plug in up to four appliances in the space which formerly accommodated only two. Perma-Plug is quickly and easily installed. Fits any standard 125 VAC double outlet. 15 AMP capacity. Shpg. wt., 6 oz.

EL-72 Brown	Net each	.53
EL-73 White	Net each	.60

YALE "LOCK-IT" PLUG Workshop Safeguard



Easy to install. Replaces A.C. plug on any equipment you choose to keep "locked". Prevents accidental or unauthorized use of any electrical equipment. Use on fans, power tools, soldering equipment, hot plates, photo equipment, battery chargers, even the TV—if you want it kept off! Shpg. wt., 6 ozs.

MD-714 Net 1.39

ELECTRICAL ACCESSORIES

1. SINGLE SURFACE OUTLET. Brown bakelite. Wood mounting screw. EL-15—Ea., .09	10 for .81	7. HANDLE PLUG. Of soft rubber. Shpg. wt., 1 oz. EL-26—Ea., .07	10 for .63
2. BAKELITE PLUG. Sturdy prongs. EL-16—Ea., .05	10 for .45	8. MIDGET CORD CONNECTOR. Flat two-piece. Underwriters listed. EL-27—Ea., .25	10 for 2.25
3. NITE LAMP plugs into any outlet. Swivel Shade Complete with C7 bulb, on off switch. U.L. approved. EL-44—In lots of 3	each .40 Singly each .45	9. INSULATED STAPLES. No. 5. 1/4" x 3/4"	EL-14—Package of 100 .18 10 packages for 1.60
4. CURRENT TAP. Bakelite. Straight socket with 2 plug outlets. EL-22—Shpg. wt., 4 oz.	.18	10. RUBBER CUBE TAP. 3 outlets. Unbreakable one piece soft rubber construction. EL-28	Net .23 ea.
5. DUPLEX FLUSH RECEPTACLE. EL-23—Ea., .13	10 for 1.17	11. CUBE TAP EXTENSION. Trio tap, 9 ft. rubber cord. AC plug. Brown. EL-29—Brown Ea., .41	10 for 3.69
6. 3-WAY SURFACE OUTLET. Brown. Pin		12. AC LINE CORD. 6 ft. AC line cords, fine quality zip cord with sturdy plug. EL-13	.19
		13. CANDOPY SWITCH. Rotary type. composition top. Very shallow. Wire leads. Rated 3 amp. at 125 v. SW-18—Ea., .18	10 for 1.62
		14. JIFFY PUSH PULL PLUG. Attaches in 5 seconds without any tools. Spring prongs. Black. EL-57—Ea., .10	10 for .89
		15. RUBBER CORD CONNECTOR. With pull handle for extension cords. 1/4" diameter. 15A. at 125V. EL-33	Net .27 ea.



PREMIER Standard PRECISION BUILT METAL CHASSIS, CABINETS

STEEL AND ALUMINUM CHASSIS

Chassis are of one piece construction with gussets spot-welded to the bottom flanges for additional strength. Steel chassis are made of No. 20 gauge cold rolled steel, except * are No. 16 gauge. Steel chassis are finished in either Black Wrinkle ("BW") or Zinc Plated. Aluminum chassis made of No. 18 gauge (.040) aluminum except * are No. 14 gauge (.064) and have an etched finish.

STEEL

ZINC PLATED			BLACK WRINKLE			NET		
Size D x W x H"	Stock No.	Type	Stock No.	Type	Lbs.	1-24	25-49	50-99
4x6x1 1/2	MC-318	CH-436	MC-319	CH-436BW	3/4	1.02	.94	.85
4x6x2	MC-308	CH-431	MC-309	CH-431BW	1	.99	.91	.82
4x6x3	MC-310	CH-432	MC-311	CH-432BW	1	1.02	.94	.85
4x8x2	MC-320	CH-437	MC-321	CH-437BW	1	1.05	.96	.86
4x17x3	MC-262	CH-408	MC-263	CH-408BW	2 1/4	1.47	1.35	1.21
5x7x2	MC-298	CH-426	MC-299	CH-426BW	1	1.02	.94	.85
5x7x3	MC-302	CH-428	MC-303	CH-428BW	1 1/4	1.04	.95	.85
5x10x3	MC-248	CH-401	MC-249	CH-401BW	1 1/2	1.26	1.13	1.02
5x13x3	MC-304	CH-429	MC-305	CH-429BW	2	1.53	1.40	1.26
5 1/2 x 9 1/2 x 1 1/2	MC-246	CH-400	MC-247	CH-400BW	1	.89	.82	.74
6x14x3	MC-250	CH-402	MC-251	CH-402BW	2 1/2	1.45	1.33	1.20
6x17x3	MC-314	CH-434	MC-315	CH-434BW	4	1.72	1.58	1.42
7x7x2	MC-252	CH-403	MC-253	CH-403BW	1 1/4	1.05	.96	.86
7x9x2	MC-254	CH-404	MC-255	CH-404BW	1 1/2	1.23	1.13	1.02
7x11x2	MC-256	CH-405	MC-257	CH-405BW	1 7/8	1.26	1.16	1.04
7x11x3	MC-296	CH-425	MC-297	CH-425BW	2 1/4	1.37	1.26	1.13
7x12x3	MC-312	CH-433	MC-313	CH-433BW	2 1/2	1.43	1.31	1.18
7x13x2	MC-258	CH-406	MC-259	CH-406BW	2	1.37	1.26	1.13
7x15x3	MC-260	CH-407	MC-261	CH-407BW	2 3/4	1.64	1.50	1.35
7x17x3	MC-264	CH-409	MC-265	CH-409BW	3 1/4	1.79	1.65	1.48
8x10x2 1/2	MC-328	CH-441	MC-329	CH-441BW	2 1/2	1.39	1.28	1.15
8x12x3	MC-306	CH-430	MC-307	CH-430BW	2 1/4	1.64	1.50	1.35
8x17x2	MC-266	CH-410	MC-267	CH-410BW	2 3/4	1.64	1.50	1.35
8x17x3	MC-268	CH-411	MC-269	CH-411BW	5 1/4	1.79	1.65	1.48
8 1/2 x 15 x 3	MC-300	CH-427	MC-301	CH-427BW	3	1.88	1.73	1.56
10x12x3	MC-270	CH-412	MC-271	CH-412BW	2 3/4	1.72	1.58	1.42
10x14x3	MC-272	CH-413	MC-273	CH-413BW	3 1/4	1.82	1.67	1.50
10x17x2	MC-274	CH-414	MC-275	CH-414BW	3 3/4	1.88	1.73	1.56
10x17x3	MC-276	CH-415*	MC-277	CH-415BW*	6	2.12	1.94	1.75
10x17x4	MC-278	CH-416*	MC-279	CH-416BW*	7 1/2	2.34	2.15	1.93
10x17x5	MC-324	CH-439*	MC-325	CH-439BW*	8 1/2	2.83	2.60	2.34
10x23x3	MC-316	CH-435*	MC-317	CH-435BW*	10	2.69	2.47	2.22
11x17x2	MC-280	CH-417*	MC-281	CH-417BW*	5 1/4	2.57	2.36	2.12
11x17x3	MC-282	CH-418*	MC-283	CH-418BW*	6 1/4	2.81	2.58	2.32
12x17x2	MC-284	CH-419*	MC-285	CH-419BW*	5	1.95	1.79	1.61
12x17x3	MC-286	CH-420*	MC-287	CH-420BW*	7	2.35	2.16	1.94
12x17x4	MC-288	CH-421*	MC-289	CH-421BW*	8 1/2	2.57	2.36	2.12
13x17x2	MC-290	CH-422*	MC-291	CH-422BW*	6	2.81	2.58	2.32
13x17x3	MC-292	CH-423*	MC-293	CH-423BW*	7	3.24	2.98	2.68
13x17x4	MC-294	CH-424*	MC-295	CH-424BW*	10	3.70	3.40	3.06
13x17x5	MC-326	CH-440*	MC-327	CH-440BW*	11	4.17	3.83	3.45
17x17x4	MC-322	CH-438*	MC-323	CH-438BW*	13	5.31	4.88	4.39

ALUMINUM CHASSIS			NET		
Stock No.	Type	Lbs.	1-24	25-49	50-99
MC-164	ACH-436	1/4	1.07	.98	.88
MC-159	ACH-431	1/4	1.11	1.02	.92
MC-160	ACH-432	1/4	1.30	1.20	1.08
MC-165	ACH-437	3/8	1.11	1.02	.92
MC-136	ACH-408	1	2.31	2.12	1.91
MC-154	ACH-426	1/4	1.07	.98	.88
MC-156	ACH-428	1/4	1.47	1.35	1.21
MC-129	ACH-401	3/4	1.49	1.37	1.23
MC-157	ACH-429	3/4	1.76	1.62	1.46
MC-128	ACH-400	1/2	1.30	1.20	1.08
MC-130	ACH-402	1	2.52	2.31	2.08
MC-162	ACH-434	1	2.65	2.43	2.19
MC-131	ACH-403	1/2	1.30	1.20	1.08
MC-132	ACH-404	1/2	1.36	1.25	1.12
MC-133	ACH-405	3/4	1.49	1.37	1.23
MC-153	ACH-425	7/8	1.61	1.48	1.33
MC-161	ACH-433	7/8	1.79	1.65	1.48
MC-134	ACH-406	3/4	1.61	1.48	1.33
MC-135	ACH-407	1	2.83	2.60	2.34
MC-137	ACH-409	1 1/2	2.79	2.56	2.30
MC-167	ACH-441	1	1.65	1.51	1.36
MC-158	ACH-430	1	2.15	1.97	1.77
MC-138	ACH-410	1 1/8	2.89	2.60	2.34
MC-139	ACH-411	1 1/8	2.94	2.70	2.43
MC-155	ACH-427	1 1/4	2.85	2.62	2.36
MC-140	ACH-412	1 1/4	2.63	2.41	2.17
MC-141	ACH-413	1 1/4	3.33	3.06	2.75
MC-142	ACH-414	1 1/4	3.19	2.93	2.64
MC-143	ACH-415*	1 7/8	3.58	3.28	2.95
MC-144	ACH-416*	2	4.12	3.78	3.40
MC-163	ACH-435*	2 1/2	5.26	4.83	4.35
MC-145	ACH-417*	1 3/4	3.41	3.13	2.82
MC-146	ACH-418*	2	4.18	3.84	3.46
MC-147	ACH-419*	1 7/8	3.73	3.43	3.09
MC-148	ACH-420*	2 1/8	4.42	4.06	3.65
MC-149	ACH-421*	2 7/8	4.88	4.48	4.03
MC-150	ACH-422*	1 7/8	3.94	3.62	3.26
MC-151	ACH-423*	2 1/4	4.69	4.31	3.88
MC-152	ACH-424*	2 1/2	5.37	4.93	4.44
MC-166	ACH-438*	3	10.57	9.71	8.74

BOTTOM PLATES

For use with above chassis. Have holes to match chassis and have 4 pressed dimples. Steel plates No. 20 gauge in Black Wrinkle or Zinc Plated. Aluminum plates No. 18 gauge (.040) natural finish. Avg. shpg. wt., 2 lbs.

Fits Chassis	ZINC PLATED			BLACK WRINKLE			NET			ALUMINUM			NET		
	Stock No.	Type	Lbs.	Stock No.	Type	Lbs.	1-49	50-99	100-149	Stock No.	Type	Lbs.	1-49	50-99	100-149
4 x 6"	MC-224	BP-426	.40	MC-225	BP-426BW	.40	.37	.33	MC-120	ABP-426	.85	.78	.70		
4 x 8"	MC-232	BP-430	.40	MC-233	BP-430BW	.40	.37	.33	MC-124	ABP-430	.85	.78	.70		
4 x 17"	MC-200	BP-408	.59	MC-201	BP-408BW	.59	.54	.49	MC-108	ABP-408	1.29	1.19	1.07		
5 x 7"	MC-218	BP-423	.40	MC-219	BP-423BW	.40	.37	.33	MC-117	ABP-423	.85	.78	.70		
5 x 10"	MC-186	BP-401	.45	MC-187	BP-401BW	.45	.41	.37	MC-101	ABP-401	.85	.78	.70		
5 x 13"	MC-220	BP-424	.45	MC-221	BP-424BW	.45	.41	.37	MC-118	ABP-424	.97	.89	.80		
5 1/2 x 9 1/2"	MC-184	BP-400	.40	MC-185	BP-400BW	.40	.37	.33	MC-100	ABP-400	.85	.78	.70		
6 x 14"	MC-188	BP-402	.62	MC-189	BP-402BW	.62	.57	.51	MC-102	ABP-402	1.29	1.19	1.07		
6 x 17"	MC-228	BP-428	.75	MC-229	BP-428BW	.75	.69	.62	MC-122	ABP-428	1.33	1.22	1.10		
7 x 7"	MC-190	BP-403	.45	MC-191	BP-403BW	.45	.41	.37	MC-103	ABP-403	.88	.81	.73		
7 x 9"	MC-192	BP-404	.49	MC-193	BP-404BW	.49	.45	.40	MC-104	ABP-404	.94	.86	.77		
7 x 11"	MC-194	BP-405	.59	MC-195	BP-405BW	.59	.54	.49	MC-105	ABP-405	1.04	.95	.85		
7 x 12"	MC-226	BP-427	.77	MC-227	BP-427BW	.77	.71	.64	MC-121	ABP-427	1.12	1.03	.93		
7 x 13"	MC-196	BP-406	.65	MC-197	BP-406BW	.65	.59	.53	MC-106	ABP-406	1.29	1.19	1.07		
7 x 15"	MC-198	BP-407	.71	MC-199	BP-407BW	.71	.66	.59	MC-107	ABP-407	1.29	1.19	1.07		
7 x 17"	MC-202	BP-409	.75	MC-203	BP-409BW	.75	.69	.62	MC-109	ABP-409	1.33	1.22	1.10		
8 x 10"	MC-238	BP-433	.77	MC-239	BP-433BW	.77	.71	.64	MC-127	ABP-433	1.12	1.03	.93		
8 x 12"	MC-222	BP-425	.90	MC-223	BP-425BW	.90	.83	.75	MC-119	ABP-425	1.29	1.19	1.07		
8 x 17"	MC-204	BP-410	.75	MC-205	BP-410BW	.75	.69	.62	MC-110	ABP-410	1.50	1.38	1.24		
8 1/2 x 15"	MC-236	BP-432	1.17	MC-237	BP-432BW	1.17	1.07	.96	MC-126	ABP-432	2.36	2.17	1.95		
10 x 12"	MC-206	BP-412	.75	MC-207	BP-412BW	.75	.69	.62	MC-111	ABP-412	1.47	1.35	1.21		
10 x 14"	MC-208	BP-413	.78	MC-209	BP-413BW	.78	.72	.65	MC-112	ABP-413	1.34	1.23	1.11		
10 x 17"	MC-210	BP-414	1.01	MC-211	BP-414BW	1.01	.93	.84	MC-113	ABP-414	1.69	1.55	1.39		
10 x 23"	MC-230	BP-429	1.63	MC-231	BP-429BW	1.63	1.49	1.34	MC-123	ABP-429	2.50	2.29	2.06		
11 x 17"	MC-212	BP-418	1.04	MC-213	BP-418BW	1.04	.95	.85	MC-114	ABP-418	2.12	1.94	1.75		
12 x 17"	MC-214	BP-419	1.09	MC-215	BP-419BW	1.09	1.00	.90	MC-115	ABP-419	2.23	1.98	1.78		
13 x 17"	MC-218	BP-422	1.17	MC-217	BP-422BW	1.17	1.07	.96	MC-116	ABP-422	2.36	2.17	1.95		
17 x 17"	MC-234	BP-431	1.64	MC-235	BP-431BW	1.64	1.50	1.35	MC-125	ABP-431	2.52	2.31	2.08		

CASTERS FOR RACKS AND CABINETS

Made of Plaskite non-marking composition wheel with Ball Bearing Swivel Plate. Packed one set of 4 in box with screws for assembly.

Stock No.	Mfr. No.	Wheel Diam.	NET PER SET OF 4		
			1-49	50-99	100-149
MC-451	CA-4	2"	3.53	3.24	2.92
MC-452	CA-5	3"	7.06	6.48	5.83

STEEL OPEN-END CHASSIS

Electro-zinc plated #20 gauge steel open-end chassis. Especially adaptable to various styles and sizes of cabinets listed below.



Size OxWxH"	Stock No.	Type	Lbs.	1-24	25-49	50-99
7x6x2	MC-330	CH-1300	1	.78	.72	.65
5x7x1 1/2	MC-331	CH-1301	3/4	.72	.66	.59
7x7x1 1/2	MC-332	CH-1302	1	1.14	1.04	.94
7x8x2	MC-333	CH-1303	1	1.01	.93	.84
5 1/2 x 9 1/2 x 1 1/2	MC-334	CH-1304	1	.85	.78	.70
7 1/2 x 9 1/2 x 1 1/2	MC-335	CH-1305	1	1.14	1.04	.94
7x10x2	MC-336	CH-1306	1 1/4	1.09	1.00	.90
7x11x1 1/2	MC-337	CH-1307	1 1/4	1.22	1.12	1.01
7x13x1 1/2	MC-338	CH-1308	1 1/2	1.43	1.31	1.18
10 1/4 x 14 x 2						



PREMIER Standard PRECISION BUILT METAL HOUSINGS

SLOPING PANEL UTILITY BOXES

Steel and aluminum sloping panel cabinets with round top corners and sloping front. For installations that require opening in rear of box. No. 20 gauge steel—Black Wrinkle finish. No. 18 gauge (.040) aluminum—natural aluminum finish. 4 1/2" H x 4 1/4" D.

BLACK WRINKLE

WIDTH	ST08K NO.	TYPE	LBS.	1-49	50-99	100-149
4 1/4"	MC-354	SPC-1200	3/4	1.12	1.03	.93
5 1/4"	MC-355	SPC-1201	1	1.26	1.16	1.04
6 1/4"	MC-356	SPC-1202	1	1.44	1.32	1.19
7 1/4"	MC-357	SPC-1203	1 1/2	1.73	1.59	1.43
ALUMINUM						
4 1/4"	MC-599	ASPC-1200	1/2	1.34	1.23	1.11
5 1/4"	MC-600	ASPC-1201	1/2	1.52	1.39	1.25
6 1/4"	MC-601	ASPC-1202	3/4	1.72	1.58	1.42
7 1/4"	MC-602	ASPC-1203	3/4	2.08	1.91	1.72

UNIVERSAL METER CASES

A new meter case that can accommodate either a 2" or 3" meter. Center hole for 2" meter increases to 3" meter hole by simply removing a knock-out. 4 1/4" x 4 1/2" x 4 1/4". Supplied with two 1/2" dia. knockouts for feed through Insulators or Volume Controls. In #20 gauge steel—Black wrinkle Finish and #18 gauge (.040) Aluminum—Natural Finish. Average shpg. wt., 3/4 lb.

STOCK NO.	TYPE	MATERIAL	LBS.	1-49	50-99	100-149
MC-353	SPC-23	Steel	3/4	1.23	1.13	1.02
MC-179	ASPC-23	Aluminum	3/4	1.48	1.36	1.22

ALUMINUM MINIBOXES

Two piece case made of #16 gauge (0.51) aluminum. Each section forms 3 sides. Flanges assure proper shielding. Available in variety of sizes for popular electronic devices and construction projects. Available in natural finish or grey hammertone.

NATURAL ALUMINUM

GRAY HAMMERTONE

Stock No.	Size L x W x H"	Lbs.	Type	1-49	50-99	100-149	
MC-358	2 1/2 x 2 1/2 x 1 1/2	1/4	AMC-1000	.69	.63	.56	
MC-359	3 1/4 x 2 1/2 x 1 1/2	1/4	AMC-1001	.69	.63	.56	
MC-360	4 x 2 1/2 x 1 1/2	1/4	AMC-1002	.72	.67	.60	
MC-361	4 x 2 1/2 x 2 1/4	3/8	AMC-1003	.94	.86	.77	
MC-362	5 x 2 1/2 x 2 1/4	3/8	AMC-1004	.97	.89	.80	
MC-363	5 x 4 x 3	1/2	AMC-1005	1.15	1.05	.94	
MC-364	5 1/2 x 3 x 2 1/4	1/2	AMC-1006	1.07	.98	.88	
MC-365	6 x 5 x 4	1	AMC-1007	1.36	1.25	1.12	
MC-366	7 x 5 x 3	3/4	AMC-1008	1.53	1.40	1.26	
MC-367	8 x 6 x 3 1/2	1 1/4	AMC-1009	2.26	2.08	1.87	
MC-368	10 x 6 x 3 1/2	1 1/2	AMC-1010	2.82	2.59	2.33	
MC-369	12 x 7 x 4	1 3/4	AMC-1011	3.17	2.92	2.63	
MC-370	17 x 5 x 4	2	AMC-1012	3.76	3.46	3.11	
MC-371	10 x 2 x 1 1/2	1/2	AMC-1013	1.15	1.05	.94	
MC-372	12 x 1 1/2 x 2 1/4	1/2	AMC-1014	1.50	1.38	1.24	
MC-373	4 x 2 x 2 1/4	1/4	AMC-1015	.91	.85	.76	
MC-374	4 1/4 x 2 1/4 x 1 1/2	1/4	AMC-1016	.84	.86	.79	
MC-375	2 1/2 x 2 1/2 x 1 1/2	1/4	MC-375	PMC-1000	.77	.71	.64
MC-376	3 1/4 x 2 1/2 x 1 1/2	1/4	MC-376	PMC-1001	.77	.71	.64
MC-377	4 x 2 1/2 x 1 1/2	1/4	MC-377	PMC-1002	.81	.75	.67
MC-378	4 x 2 1/2 x 2 1/4	3/8	MC-378	PMC-1003	1.04	.95	.85
MC-379	5 x 2 1/2 x 2 1/4	3/8	MC-379	PMC-1004	1.07	.98	.88
MC-380	5 x 4 x 3	1/2	MC-380	PMC-1005	1.20	1.11	1.00
MC-381	5 1/2 x 3 x 2 1/4	1/2	MC-381	PMC-1006	1.17	1.07	.96
MC-382	6 x 5 x 4	1	MC-382	PMC-1007	1.50	1.38	1.24
MC-383	7 x 5 x 3	3/4	MC-383	PMC-1008	1.66	1.52	1.37
MC-384	8 x 6 x 3 1/2	1 1/4	MC-384	PMC-1009	2.40	2.20	2.08
MC-385	10 x 6 x 3 1/2	1 1/2	MC-385	PMC-1010	2.98	2.71	2.47
MC-386	12 x 7 x 4	1 3/4	MC-386	PMC-1011	3.50	3.19	2.87
MC-387	17 x 5 x 4	2	MC-387	PMC-1012	4.12	3.78	3.40
MC-388	10 x 2 x 1 1/2	1/2	MC-388	PMC-1013	1.20	1.11	1.00
MC-389	12 x 1 1/2 x 2 1/4	1/2	MC-389	PMC-1014	1.62	1.48	1.33
MC-390	4 x 2 x 2 1/4	1/4	MC-390	PMC-1015	1.18	1.08	.97
MC-391	4 1/4 x 2 1/4 x 1 1/2	1/4	MC-391	PMC-1016	1.04	.95	.85

SLOPING PANEL CABINETS

These handy cabinets have rounded top corners and a removable front panel. Back of cabinet is perforated and has opening for leads. Constructed of #20 gauge steel. Finished in Gray Wrinkle.

Stock No.	Mfr. Type	Size HxWxD	Use Chassis	Lbs.	1-24	25-49	50-99
MC-410	SFC-500	8x8x8	7x7x2	6	4.17	3.83	3.45
MC-411	SFC-501	8x10x8	7x9x2	7	4.65	4.27	3.84
MC-412	SFC-502	8x14x8	7x13x2	8	4.97	4.56	4.10
MC-413	SFC-503	9x18x8	7x17x3	10	7.14	6.56	5.90
MC-414	SFC-504	12x18x12	10x17x3	14	9.11	8.37	7.53

DELUXE CABINET RACKS

16 Gauge steel cabinet racks. Front vertical corners are rounded and the top and bottom are trimmed with red striped chrome finished moulding. Recessed piano-type hinged door in top. Units marked * also have hinged rear door. Louvered sides and rear opening provide ventilation. Panel mounting holes tapped for 10-32 machine screws. Gussets welded at bottom of rear on types 170-350 for additional strength. All are 2 1/4" wide, 15 1/4" deep. Finished in either black or gray wrinkle. o/a = overall.

BLACK WRINKLE Stock No.	GRAY WRINKLE Stock No.	Mfr. Type	o/a H"	Panel Space	Lbs.	1-15	15-24	25-34
MC-472WX	MC-427WX	DCR-70	8 3/4"	7"	22	12.94	11.88	10.69
MC-473WX	MC-428WX	DCR-80	10 1/2"	8 3/4"	24	13.61	12.50	11.25
MC-474WX	MC-429WX	DCR-100	12 1/4"	10 1/2"	26	15.35	14.09	12.68
MC-475WX	MC-430WX	DCR-120	14	12 1/4"	28	16.58	15.23	13.71
MC-476WX	MC-431WX	DCR-140	15 3/4"	14"	32	18.40	16.90	15.21
MC-477WX	MC-432WX	DCR-170	19 1/4"	17 1/2"	40	21.81	20.03	18.03
MC-478WX	MC-433WX	DCR-190	21	19 1/4"	42	22.84	20.98	18.88
MC-479WX	MC-434WX	DCR-210	22 3/4"	21"	44	23.70	21.76	19.58
MC-480WX	MC-435WX	DCR-260	28	26 1/4"	45	25.58	23.49	21.14
MC-481WX	MC-436WX	DCR-310	33 1/4"	31 1/2"	50	26.93	24.73	22.26
MC-482WX	MC-437WX	DCR-350	36 3/4"	35"	55	28.28	25.97	23.37

METAL UTILITY CABINETS

Have two removable sides for easy accessibility. Have flanged edges and spot-welded corners. No. 20 ga. steel finished in Black Wrinkle; No. 16 ga. (.051) aluminum in natural aluminum finish. Avg. shpg. wt. of steel cabinets 3 lbs., aluminum 1 1/2 lbs. Type No. is prefaced by "C" for steel and AC for aluminum.

Size HxWxD	Mfr. Type	BLACK WRINKLE STEEL			NATURAL ALUMINUM					
		Stock No.	NET 1-49	NET 50-99	Mfr. Type	Stock No.	NET 1-49	NET 50-99	NET 100-149	
4x4x2	C-442	MC-392	.91	.84	.76	AC-442	MC-460	1.23	1.13	1.02
4x5x3	C-453	MC-393	1.06	.97	.87	AC-453	MC-461	1.36	1.25	1.12
5x6x4	C-564	MC-394	1.25	1.15	1.03	AC-564	MC-462	1.62	1.48	1.33
5x9x6	C-596	MC-395	1.98	1.82	1.64	AC-596	MC-463	2.66	2.44	2.20
6x6x6	C-666	MC-396	1.43	1.31	1.18	AC-666	MC-464	1.85	1.70	1.53
6x9x5	C-695	MC-397	1.98	1.82	1.64	AC-695	MC-465	2.66	2.44	2.20
7x5x4	C-754	MC-398	1.36	1.25	1.12	—	—	—	—	—
8x10x10	C-8101	MC-399	3.23	2.97	2.67	—	—	—	—	—
12x7x6	C-1276	MC-400	2.71	2.47	2.22	AC-1276	MC-466	3.66	3.36	3.02
15x9x7	—	—	—	—	—	AC-1597	MC-467	5.00	4.59	4.13

STANDARD AMPLIFIER FOUNDATIONS

Designed to meet the most critical requirements. Consists of regular chassis with ruggedly constructed metal covers. Top cover has perforations, rounded corners, and is 6" high. Finished in Gray Wrinkle. Chassis constructed of one piece with corners spot-welded. Finished in Black Wrinkle.

Stock No.	Type	Chassis DxWxH	Lbs.	1-24	NET 25-49	50-99
MC-402	AF-510	5x10x3	9	4.50	4.13	3.72
MC-403	AF-615	6x14x3	10	5.18	4.76	4.28
MC-404	AF-712	7x12x3	10	5.50	5.05	4.54
MC-405	AF-717	7x17x3	11	5.92	5.44	4.90
MC-406	AF-812	8x12x3	10	5.50	5.05	4.54
MC-407	AF-1012	10x12x3	11	5.92	5.44	4.90
MC-408	AF-1017	10x17x3	13	6.99	6.42	5.78
MC-409	AF-1317	13x17x3	15	8.41	7.72	6.95

STREAMLINED CABINETS

The perfect cabinets for electronic devices not requiring excessive depths. Has hinged top front vertical rounded corners and a removable front panel. Sides and back of cabinet are louvered for ample ventilation. Back has opening for leads. Constructed of #20 gauge steel. Finished in Gray Wrinkle.

Stock No.	Mfr. Type	HxWxD	Panel Size	Lbs.	Use Chassis	1-24	NET 25-49	50-99
MC-415	HTC-200	8x10x8	8x8	6	7x7x2	4.11	3.77	3.39
MC-416	HTC-201	8x12x8	8x10	6 1/2	7x9x2	4.45	4.00	3.60
MC-417	HTC-202	8x16x8	8x14	11	7x13x2	5.77	5.19	4.67
MC-418	HTC-203	9x7x11	9x15	6 1/2	10x14x3	8.95	8.05	7.24
MC-419	HTC-204	12x20x12	12x18	13 1/2	10x17x3	10.58	9.52	8.57
MC-420	HTC-205	8x14x8	8x12	7 1/4	7x11x2	5.13	4.62	4.16

VENTILATING GRILLE PANELS

Recommended as a substitute for solid panels where abundant ventilation is required. Made of No. 12 gauge steel. Finished in Black Wrinkle, Gray Wrinkle or Gray Hammertone. * Allows 3/4" space at bottom for chassis mounting. H = Height.

BLACK WRINKLE Stock No.	GRAY WRINKLE Stock No.	GRAY HAMMERTONE Stock No.	Mfr. Type	Size	H	Lbs.	1-49	NET 50-99	NET 100-149
MC-453	MC-483	MC-490	GRP-601	3 7/8 x 13 3/8"	5 1/4"	2	3.02	2.78	2.50
MC-454	MC-484	MC-491	GRP-602	3 7/8 x 13 3/8"	7"	2	3.24	2.98	2.68
MC-455	MC-485	MC-492	GRP-603	5 7/8 x 13 3/8"	8 3/4"	2 1/2	3.92	3.60	3.24
MC-456	MC-486	MC-493	GRP-604*	3 7/8 x 13 3/8"	8 3/4"	2 1/2	3.61	3.31	2.98
MC-457	MC-487	MC-494	GRP-605	7 7/8 x 13 3/8"	10 1/2"	2 1/2	4.29	3.94	3.55
MC-458	MC-488	MC-495	GRP-606*	5 7/8 x 13 3/8"	10 1/2"	2 1/2	3.92	3.60	3.24
MC-459	MC-489	MC-496	GRP-607*	7 7/8 x 13 3/8"	12 1/4"	3	4.45	4.09	3.68

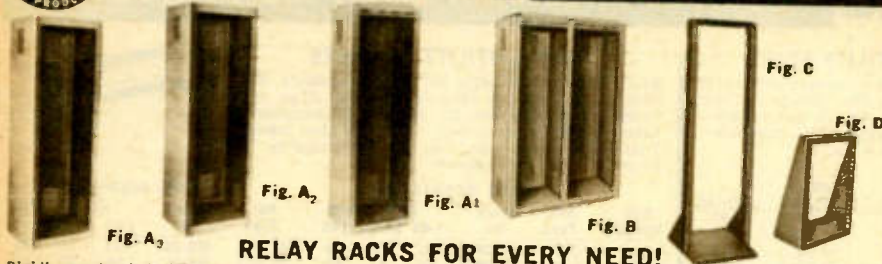
CHASSIS MOUNTING BRACKETS

Constructed of No. 16 gauge steel. Cutaway to provide clearance so that chassis can be flush mounted. All for 3" high chassis except * are for 4 inch high. Finished in black enamel. In pairs only.

Stock No.	Mfr. Type	H"	D"	Lbs.	1-49	NET 50-99	NET 100-149
STANDARD TYPE							
MC-440	CB-78	6 1/2"	8	1 1/2	.94	.86	.77
MC-441	CB-710	6 1/2"	10	1 3/4	1.26	1.16	1.04
MC-442	CB-711	6 1/2"	11	2	1.36	1.25	1.12
MC-443	CB-712	6 1/2"	12				



PREMIER Standard RELAY RACKS AND ACCESSORIES



Rigidly constructed of #16 gauge steel. The panel mounting angles are of #12 gauge steel and tapped for 10-32 machine screws on universal spacings. Rear doors hung on sturdy slip-jointed hinges and closed by a chrome handle. Bottom accommodates CA-4(2") casters. DELUXE TYPE—removable vertical corner moldings are rounded

and cover the mounting screws. Top and bottom are trimmed with red stripped chrome finished molding. STANDARD TYPE—have square front vertical corners. ROUNDED TYPE—have front vertical rounded corners. Black Wrinkle, Gray Wrinkle or Gray Hammertone. Shipped knocked down with all necessary bolts for easy assembly. Racks are 22Wx18"D.

RELAY RACKS FOR EVERY NEED!

ENCLOSED RELAY RACKS DELUXE RACKS (Fig. A₁)

WRINKLE		HAMMERTONE		Mfr. Type	Height	Panel Space	Lbs.	Net		
Black Stock No.	Gray Stock No.	Gray Stock No.	Gray Stock No.					1-9	10-14	15-19
MC-497WX	MC-507WX	MC-517WX	DR-3619	43 1/2"	36 3/4"	85	52.92	48.60	43.74	
MC-498WX	MC-508WX	MC-518WX	DR-6119	67 5/8"	61 1/4"	135	64.68	59.40	53.46	
MC-499WX	MC-509WX	MC-519WX	DR-7719	83 3/8"	77 "	160	78.29	71.90	64.71	
STANDARD RACKS (Fig. A₂)										
MC-500WX	MC-510WX	MC-520WX	RS-3619	41 7/8"	36 3/4"	80	37.13	34.10	30.69	
MC-501WX	MC-511WX	MC-521WX	RS-6119	66 3/8"	61 1/4"	120	55.30	50.79	45.71	
MC-502WX	MC-512WX	MC-522WX	RS-7719	82 1/2"	77 "	140	66.41	60.99	54.89	
ROUNDED RACKS (Fig. A₃)										
MC-503WX	MC-513WX	MC-523WX	R-3619	41 7/8"	36 3/4"	80	37.13	34.10	30.69	
MC-504WX	MC-514WX	MC-524WX	R-4219	47 1/8"	42 "	90	42.51	38.26	34.43	
MC-505WX	MC-515WX	MC-525WX	R-6119	66 3/8"	61 1/4"	120	55.30	50.79	45.71	
MC-506WX	MC-516WX	MC-526WX	R-7719	82 1/2"	77 "	140	66.41	60.99	54.89	

The above racks can be joined together to make multiple units by means of a solid center partition supplied as part of the multiple rack section. Each multiple section comprises a top, bottom, rear door and center partition. By replacing a side panel of the rack with the coupling unit and using the removed panel as the

new outside panel, a double sized rack is formed. Vertical trim moldings are supplied on the DR models. To order a double DR-3619 you order one DR-3619 plus one DMR-3619. To order one triple RS-3619, you order one RS-3619 and two MR-3619. To order one Quad R-3619, order one R-3619 and three MR-3619. Overall price is sum of individual unit prices.

WRINKLE		HAMMERTONE		Mfr. Type	H	Panel Space	Use With	Lbs.		
Black Stock No.	Gray Stock No.	Gray Stock No.	Gray Stock No.					1-9	10-14	15-19
MC-527WX	MC-534WX	MC-541WX	MR-3619	41 7/8"	36 3/4"	R-3619	70	35.09	32.23	31.91
MC-528WX	MC-535WX	MC-542WX	MR-4219	47 1/8"	42 "	RS-3619	80	40.46	37.16	36.79
MC-529WX	MC-536WX	MC-543WX	MR-6119	66 3/8"	61 1/4"	R-4219	110	51.24	47.06	42.35
MC-530WX	MC-537WX	MC-544WX	MR-7719	82 1/2"	77 "	RS-4219	130	62.30	57.21	51.49
MC-531WX	MC-538WX	MC-545WX	DMR-3619	43 1/8"	36 3/4"	R-6119	75	50.74	46.60	41.94
MC-532WX	MC-539WX	MC-546WX	DMR-6119	67 5/8"	61 1/4"	R-7719	125	60.59	55.65	50.08
MC-533WX	MC-540WX	MC-547WX	DMR-7719	83 3/8"	77 "	DR-6119	150	72.32	66.42	59.78

Open type racks constructed of #12 gauge steel finished in Black Wrinkle. Vertical members and top crossbrace are included together. Panel mounting holes are tapped for 10-32 machine screws. Racks shipped knocked down with all necessary bolts for easy assembly. Base punched to accommodate type CA-4 casters.

TELEPHONE TYPE CHANNEL RELAY RACKS FIG. (C)

WRINKLE		Mfr. Type	HxWxD	Panel Space	Lbs.	Net		
Black Stock No.	Gray Stock No.					1-9	10-14	15-19
MC-548WX	RR-800	RR-800	39 1/4x20x18 3/4"	36 3/4x19"	40	19.76	18.14	16.33
MC-549WX	RR-801	RR-801	74 1/4x20x20 7/8"	71 3/4x19"	55	23.52	21.60	19.44
MC-550WX	RR-802	RR-802	79 1/4x20x20 7/8"	77 x19"	60	27.22	25.00	22.50

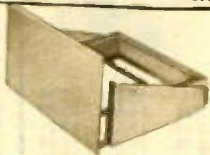
Rigidly constructed of #16 gauge steel finished in Black Wrinkle. Base constructed of one piece, similar to a chassis. Panel mounting holes are tapped for 10-32 machine screws. Shipped knocked down.

TABLE TYPE RELAY RACKS FIG. (D)

WRINKLE		Mfr. Type	HxWxD	Panel Space	Lbs.	Net		
Black Stock No.	Gray Stock No.					1-9	10-14	15-19
MC-551WX	TR-2119	TR-2119	25x21x12"	21x19"	17	7.86	7.22	6.50
MC-552WX	TR-2819	TR-2819	32x21x12"	28x19"	20	9.83	9.03	8.13

RELAY RACK SLIDING DRAWERS

Fit standard 19" Racks 15" and 18" deep. Ball-bearing suspension slides sustain 40 lbs. Drawer extends 11" from front of cabinet. Entire unit mounts on angle brackets which can be bolted on to the cabinet. Supplied knocked down with all necessary bolts for easy assembly. Finished in black or gray wrinkle and gray hammertone. RD-10 and RD-12 will fit Rack No. R, RS, DCR-18, SDR-18, RM, RMA, and FD Models. RD-10-14 and RD-12-14 will fit Rack No. DCR, SDR, DRK, RM, RMA, FD, SDRK, R, RS, DCR-18, SDR-18 models.



WRINKLE		HAMMERTONE		Panel Size	Chassis WxDxH	NET			
Black Stock No.	Gray Stock No.	Gray Stock No.	Type No.			Lbs.	1-14	15-24	25-34
MC-585	MC-589	MC-593	RD-10	10 3/8x18 3/8"	17x16 1/2x3"	15	15.35	14.09	12.68
MC-586	MC-590	MC-594	RD-12	12 1/4x18 3/8"	17x16 1/2x4"	18	17.05	15.66	14.09
MC-587	MC-591	MC-595	RD-10-14	10 3/8x18 3/8"	17x14x3"	14 1/2	15.23	13.99	12.59
MC-588	MC-592	MC-596	RD-12-14	12 1/4x18 3/8"	17x14x4"	17	16.90	15.52	13.97

STANDARD RACK PANELS

All panels are 19" wide and 1/2" thick. Steel panels are No. 12 gauge and finished in reversible Gray and Black Wrinkle. Aluminum finished in reversible Gray and Black Wrinkle. H=height

Steel Panels—Reversible Black and Gray Wrinkle		H	Lbs.	Net	
Stock No.	Mfr. No.			1-49	50-99
MC-553	RP-119	1 3/4"	1	.75	.69
MC-554	RP-319	3 1/2"	2	.86	.79
MC-555	RP-519	5 1/4"	3	1.07	.98
MC-556	RP-719	7 "	4	1.23	1.13
MC-557	RP-819	8 3/4"	5 1/4	1.51	1.39
MC-558	RP-1019	10 1/2"	6 1/4	1.82	1.67
MC-559	RP-1219	12 1/4"	7 1/4	2.17	1.99
MC-560	RP-1419	14 "	8 1/4	2.50	2.29
MC-561	RP-1519	15 3/4"	9	2.83	2.58
MC-562	RP-1719	17 1/2"	10 1/2	3.09	2.83
MC-563	RP-1919	19 1/4"	12	3.43	3.15
MC-564	RP-2119	21 "	12 1/2	3.77	3.46

Aluminum Panels—Reversible Gray and Black Wrinkle.		H	Lbs.	Net	
Stock No.	Mfr. Type			1-49	50-99
MC-565	ARP-119	1 3/4"	1/2	.99	.91
MC-566	ARP-319	3 1/2"	1	1.33	1.22
MC-567	ARP-519	5 1/4"	1 1/2	1.82	1.67
MC-568	ARP-719	7 "	2	2.20	2.02
MC-569	ARP-819	8 3/4"	2 1/2	2.63	2.41
MC-570	ARP-1019	10 1/2"	3	3.30	3.03
MC-571	ARP-1219	12 1/4"	3 1/2	3.86	3.55
MC-572	ARP-1419	14 "	4	4.42	4.06
MC-573	ARP-1519	15 3/4"	4	4.94	4.54
MC-574	ARP-1719	17 1/2"	4 3/4	5.43	4.99
MC-575	ARP-1919	19 1/4"	5	5.96	5.47
MC-576	ARP-2119	21 "	6	6.49	5.96

ALUMINUM PANEL CHASSIS

Front flange notched for mounting on 19" standard racks. Made of 14 gauge (.064) aluminum. All chassis depths are 5 1/2". Gussets are spot welded in each corner for greater strength. Etched finish. H=Height



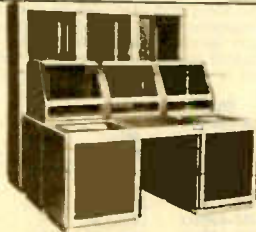
Stock No.		Mfr. Type	H	Lbs.	Net	
1-24	25-49				50-99	
MC-577	ACH-1200	ACH-1200	1 3/4"	3/4	2.50	2.29
MC-578	ACH-1201	ACH-1201	3 1/2"	1 3/4	2.73	2.51
MC-579	ACH-1202	ACH-1202	5 1/4"	1 1/2	2.98	2.74
MC-580	ACH-1203	ACH-1203	7 "	2	3.44	3.16
MC-581	ACH-1204	ACH-1204	8 3/4"	2 1/4	4.06	3.73
MC-582	ACH-1205	ACH-1205	10 1/2"	2 3/4	4.35	4.00
MC-583	ACH-1206	ACH-1206	12 1/4"	3	4.85	4.45
MC-584	ACH-1207	ACH-1207	14 "	3 3/4	5.24	4.81

PREMIER HARDWARE

NON-LOCKING HANDLE, chrome plated. For use on R, RS, DR, RM, RMA, Rear door of FD racks. Shpg. wt., 8 oz. MC-597 Type HW-1 1-24 ea 1.76; 25-49 ea 1.62; 50-99 ea 1.46.



LOCKING HANDLE—chrome plated. Supplied with 2 keys. For use on PR, Front doors of FD racks, Front doors of FD-310, FD-311, FD-312, FD-313. MC-598 Type HW-3 1-24 ea. 5.00; 25-49 ea. 4.59; 50-99 ea. 4.13.



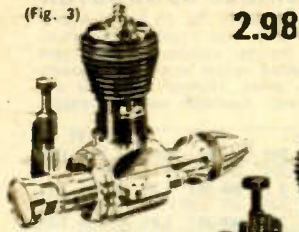
Lafayette stocks the complete line of Premier precision built metal housings, Prem-O-Rak modular console systems, modular transmitter racks, desk cabinet racks, etc. and all accessories. We invite your inquiries with reference to information and price quotation on the above.

HOBBYISTS—STUDENTS—EXPERIMENTERS

Thimble-Drome

1/2A GLOW ENGINES

(Fig. 3)



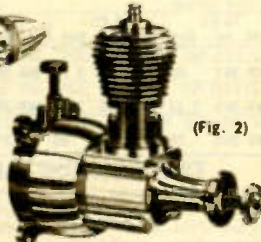
2.98

(Fig. 1)



5.23

2.98



(Fig. 2)

Pee Wee .020: (Fig. 1) Worlds smallest glow engine. Weighs only 21 grams! Plenty of power to fly most 1/2A planes. Maximum power at 19,000 R.P.M., does practical work right up to 22,000. Exceptionally lightweight and amazing power make it a free flight favorite. Shpg. wt., 4 ozs. **F-515** Net 2.98

Baby Bee .049: (Fig. 2) Instant starting-powerful action for free flight or control line flying. Outstanding features—rear needle valve, all metal tank-carburetor, no outside full lines right or left rotation. Shpg. wt., 6 ozs. **F-516** Net 2.98

Space Hopper .049: (Fig. 3) Finest 1/2A engine you can buy. Undisputed leader in contest work. Features lighter weight—only 1.3 oz. Improved Main Bearings, superfine crankshaft finish, less crankcase volume, better intake valving, triple periphery carburetor jet system, rear needle valve location, adjustable needle valve position, beam mounts, with firewall adapters, new super TEM-TROL pistons, for longer life and minimum blow-by. Shpg. wt., 6 ozs. **F-517** Net 5.23

1/7th H.P. SEWING MACHINE MOTOR

- 1 to 1.2 Amps under load
- 15,000 RPM to 5000 under load
- 12 in./oz. Torque



For replacement or initial motorizing of sewing machines. Powerful enough for fans-blowers-dental and jewelers lathes-hobby tools-displays. 5000 RPM full load speed, 15,000 RPM no load speed. CCW rotation facing shaft end. Cast housing 4 1/2" long, less shaft x 2 1/4" x 2 3/4" W. Two tapped 10-32 mtg. holes on 2 1/2" centers. 1/2" flitted shaft, 3/4" long. 12" cord lead. Fan cooled, permanent oilite bearings. Operates on 110/120 Volts AC or DC. Shpg. wt., 2 1/2 lbs. **MS-843** Net 4.95

FLEXI-SHAFT HOBBY TOOL

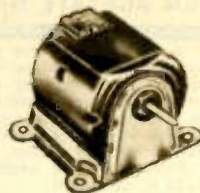
- A real hobby work horse
- Powerful—Versatile
- Hi Speed—Hi Torque



Flexible shaft and motor combination to do all your hobby grinding—polishing—drilling—sawing—buffing—etching—engraving—routing—carving. Husky, 1 amp motor delivers plenty of power for hard, continuous use. Will not stall under normal usage. Lightweight finger tip control—for intricate hobby work. 36", easily handled, shaft is a sealed tamper proof unit. Will not heat up under prolonged use. Chuck accommodates standard 3/32" and 1/8" inch tool shanks. For use on wood-metals-glass and plastics. 110/120V. AC or DC. Shpg. wt., 3 lbs. **MS-849** Net 6.60

SUPER MICRO-MOTORS

- HALF THE WEIGHT—TWICE THE POWER!
- HIGHER SPEED—LOWER DRAIN!
- PERMANENTLY LUBRICATED!
- DOUBLE PERMANENT FERRITE MAGNETS!



Expertly designed, miniature, D.C. permanent magnet motors. Ruggedized construction for industrial use. Highest power and speed to weight ratio of any miniature motor makes these a "natural" for models and remote control applications. Ferrite magnets preclude possibility of demagnetization and offer minimum weight. Unique, precision formed device permanently centers commutator in precise position. Utilizes phosphor-bronze brushes and brass sleeve bearings! May be mounted by means of motor mount supplied or by means of tapped hole in motor case. Shafts are 3/32" in diameter. F-403 is 1 1/4" x 1 1/2", 1 1/4 oz. F-404 is 1 1/4" x 1 3/4", 2 1/4 oz. F-405 is 1 1/4" x 1 3/4", 2 1/4 oz. Avg. shpg. wt., 4 oz. Complete with leads.

Stock No.	Volts. Range	Drain Ma.	RPM	Net Ea.	Lots of 3 Ea.
F-403	3.0	350-500	9000-10500	.69	.62
F-404	3.0-4.5	250-400	6500-8500	1.10	.98
F-405	1.5-9.0	50-100	700-1000	1.39	1.25

DISTLER MINI-MOTOR

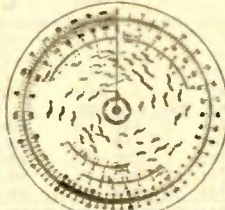
- EXTREMELY EFFICIENT
- VOLTAGE RANGE 1.5 to 6 V.D.C.



Exceptionally versatile miniature D.C. motor. Operating voltage from 1.5 to 6 volts D.C. Extremely low current drain. Will operate on voltages for above and below rated requirements. Ball bearings afford maximum efficiency. Transparent plastic brush housing—removable brushes—tubular form. Overall size 2 3/4" x 1" D. Shaft 3/32". Weight 2 3/4 oz. Recommended for industrial and laboratory development work. Used in remote control devices, models, displays, etc. **F-258** Shpg. wt., 6 oz. Net 2.25

SLIDE RULE CONVERTISOR

- Converts linear and volume measurements to metric system
- Converts HP to watts
- Miles to Nautical Miles
- Multiplies and divides



This 6" Convertisor is a calculator performing conversions from the English to the Metric System in weights and measures both linear and liquid. Performs multiplication and division. It consists of two discs, one opaque printed in black and one clear transparent printed in red. Directions for use and list of conversions on back of opaque disc. Shpg. wt., 4 ozs. **F-644** Net 1.59

MINIATURE MUSIC BOX MOVEMENTS



- PRECISION MOVING PARTS
- MORE THAN 3-MINUTES PLAYING TIME
- RUGGEDLY BUILT
- BEAUTIFUL TONE

These miniature music box movements have an infinite number of applications for the ingenious home builder. Can be mounted in cigarette boxes, perfume cases, etc. The unit is so delicately balanced that a slight touch on the flywheel is sufficient to start or stop the movement. Has full 18 note scale. Precision-built drum and moving parts are made to last a lifetime. Components are mounted on a die-cast chassis. Complete with threaded mounting holes and winding key. Size: 1 7/8" x 2 1/8" x 3/4". Shpg. wt., 6 oz.

MS-578 AULD LANG SYNE	Net 1.88
MS-579 HAPPY BIRTHDAY	Net 1.88
MS-580 HERE COMES THE BRIDE	Net 1.88
MS-581 BLUE DANUBE WALTZ	Net 1.88

TWIN-WELD EPOXY ADHESIVE



- Attach Anything to Anything-Anywhere
- Steel-hard permanent repairs in minutes
- Won't shrink—can't expand
- Can be shaped-cast-drilled-sawed-sanded

An advanced, flexible epoxy formulation. Engineered for permanent adhesive use for metal-wood-glass-ceramics-concrete-hard rubber-fiberglass-brick and many other materials. Quick, easy, professional repairs. Mends anything. Ideal production line "filler." Can be molded to any shape—no sagging or draping—perfect for duplicating and shape-making. Use as a "tool-holder"—as coating or filler—as a gasket—as caulking—as a dielectric. Chemically and dimensionally stable. Safe—no solvents. Non-toxic, non-allergenic. Shpg. wt., 1 lb. **MD-665** Net 1.99

ECCOBOND 26

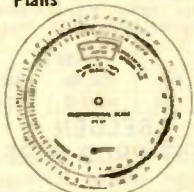
- STICKS ANYTHING TO ANYTHING FOREVER!



New epoxy resin patch kit—handiest bonding agent ever for the lab bench or production line. Many industrial applications—repairs tools, hardware—furniture—boats. A resilient epoxy polymer—features permanent adhesion to metals, plastics, paper, ceramics, etc. Patches and bonds anything! Cures in four hours at room temperature—in minutes at 150 F. Chemically inert—physically extremely strong. Forms a permanent part of the repaired item. Can be sanded or worked—takes paint readily. White color. Mixes easily—use only as much as you need. Shpg. wt., 8 ozs. **MD-663** Net 1.96 Lots of 6, Net ea. 1.45

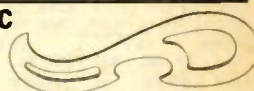
PROPORTIONAL SCALE

- Quick-Easy Reductions of Prints - Photos - Plans



This circular proportional slide rule permits quick calculation of enlargements or reductions of photographs, art work, layouts and blue prints. Line up size of original on edge of buff-colored inner disc with reproduction size on white outer disc. Read percentage of original size and number of times of reduction in window. 5" diameter laminated vinyl. Shpg. wt., 4 oz. **F-642** Net 1.39

LARGE PLASTIC FRENCH CURVE



This 17" curve is made of .075" crystal clear plastic for students, architects, professional draftsmen. All edges are perfectly smooth. Ideal for larger drawings, architectural plans, etc. Shpg. wt., 4 oz. **F-643** Net 1.39

NEW! ELECTRIC MUSIC BOX MOVEMENTS SPECIAL—ALL 4 FOR 6.95

- Operates on a single flashlight cell
- Full 18 note scales
- Maintains perfect pitch



Uses limited only by your imagination! Battery operation opens a whole new field of applications. No springs to run down—no keys to wind! Precision built miniature motor and moving parts are designed to last a lifetime. Can be used anywhere ordinary movements are used—plus many more places. You can have a musical door "bell"! musical electric toys! work into model train layouts! store displays! annunciators. Measures only 3 1/4" x 7/8". Operates from any 1 1/2 volt battery of your choice. Shpg. wt., 6 oz.

MS-760 Moonlight Serenade	Net 1.88
MS-761 Smoke Gets in Your Eyes	Net 1.88
MS-762 How Dry I Am	Net 1.88
MS-763 Around the World in 80 Days	Net 1.88

WIRE - Belden - Alpha - Consolidated - WIRE

ALPHA THERMOPLASTIC HOOK-UP MIL-W-76A

Supercedes SRIR (JAN-76) 80° C. hook-up wire. Thermo-plastic insulation is impervious to oils, moisture, acids, flame, 1000 V. insulation rating, Nom. 0-16 insulation. Sold only in 1000' and 100' lengths. Available in colors listed below:

- | | | |
|-----------|----------------|--------------------|
| (1) White | (5) Yellow | (9) Gray |
| (2) Black | (6) Light Blue | (10) Violet |
| (3) Red | (7) Brown | (11) Tan (12) Pink |
| (4) Green | (8) Orange | (13) Dark Blue |

Avg. shpg. wt., 100', 1 1/4 lbs.; 1000', 7 lbs.

MW (MEDIUM WALL) STRANDED

Stock No.	Alpha No.	MIL-W-76A	Cond. Size	Stand Pkg.	Net
WR-224	1550	MW-C 24(7)U	24	1000'	6.90
WR-223	1550	MW-C 24(7)U	24	100'	.99
WR-228	1551	MW-C 22(7)U	22	1000'	7.99
WR-227	1551	MW-C 22(7)U	22	100'	1.09
WR-232	1553	MW-C 20(10)U	20	1000'	10.47
WR-231	1553	MW-C 20(10)U	20	100'	1.34
WR-236	1555	MW-C 18(10)U	18	1000'	14.85
WR-235	1555	MW-C 18(10)U	18	100'	1.78
WR-240	1557	MW-C 16(26)U	16	1000'	21.84
WR-239	1557	MW-C 16(26)U	16	100'	2.49
WR-267	1559	MW-C 14(41)U	14	1000'	32.95
WR-266	1559	MW-C 14(41)U	14	100'	3.58
WR-269	1560	MW-C 12(65)U	12	1000'	54.98
WR-268	1560	MW-C 12(65)U	12	100'	5.79

MW AS ABOVE EXCEPT SOLID

Stock No.	Alpha No.	MIL-W-76A	Cond. Size	Stand Pkg.	Net
WR-271	1561	MW-C 22(1)U	22	1000'	6.38
WR-270	1561	MW-C 22(1)U	22	100'	.93
WR-273	1563	MW-C 20(1)U	20	1000'	8.63
WR-272	1563	MW-C 20(1)U	20	100'	1.17
WR-275	1565	MW-C 18(1)U	18	1000'	12.35
WR-274	1565	MW-C 18(1)U	18	100'	1.53

Above Wire is Also Available in All Standard Tracer Colors. Write for quotations.

ALPHA NO. 1944 MINIATURE PARALLEL CABLE

Multi purpose miniature zip cord, 2 conductor, 24 gauge stranded. Extremely flexible. For Hi-Fi installations, auto speakers, low voltage control, etc. Available in white, brown, gray, tan. Please specify color. Shpg. wt., 2 lbs. per 100 ft.

25 Ft.		50 Ft.		100 Ft.	
Stk. No.	Net	Stk. No.	Net	Stk. No.	Net
WR-243	.52	WR-244	.76	WR-245	1.21

BELDEN TEST PROD WIRE

Extremely flexible, limp rubber covered hi-voltage lead. No. 18 stranded, tinned, cotton wrap. 8899 for 5000 working volts. 8898 for 10,000 working volts. Specify red or black. Shpg. wt., 100 ft., 2 lbs.

10 Ft.		25 Ft.		100 Ft.		
Belden No.	Stk. No.	Net	Stk. No.	Net	Stk. No.	Net
8899	WR-421	.47	WR-422	.81	WR-423	2.35
8898	WR-418	.71	WR-419	1.25	WR-420	3.52

STEREO PHONO PICKUP ARM WIRE

Stereo wire for all stereo cartridges (ceramic, magnetic, crystal) and tone arms. Extremely flexible, lightweight, 2, 3 and 4 conductor, twisted, miniature, color-coded cables. Designed for extremely low hum and noise pickup for best stereo performance. Tops for stereo conversion of monaural arms. Shpg. wt., 10', 5 oz.

10 Ft.		25 Ft.		50 Ft.	
Stk. No.	Net	Stk. No.	Net	Stk. No.	Net
ALPHA NO. 1100-2 COND., OD .047"					
WR-201	.40	WR-201	.78	WR-202	1.49
ALPHA NO. 1101-3 COND., OD .053"					
WR-203	.52	WR-204	1.06	WR-205	2.05
ALPHA NO. 1102-4 COND., OD .061"					
WR-206	.64	WR-207	1.37	WR-208	2.65
ALPHA NO. 1105-2 COND., SHIELD O/A, OD .055"					
WR-209	.59	WR-210	1.26	WR-211	2.46
ALPHA NO. 1106-3 COND., SHIELD O/A, OD .061"					
WR-212	.67	WR-213	1.44	WR-214	2.81
ALPHA NO. 1107-4 COND., SHIELD O/A, OD .068"					
WR-215	.76	WR-216	1.68	WR-217	3.26
ALPHA NO. 1110-2 COND., INDIV. SHIELDED, OD .063"					
WR-218	.71	WR-219	1.53	WR-220	2.99

BELDEN ACETATE HOOK-UP WIRE

Excellent quality hook-up wire 1000V. AC insulation breakdown rating. Tinned copper conductor. Heavy cellulose acetate yarn wrap and cellulose yarn braid. Lacquer coated for fungus and flame resistance. DC insulation resistance is 200 megs minimum. Colors: 8938 and 8942 in red and black only. Others in red, black, blue, green and yellow. Specify color when ordering. Available only in lengths listed below. Avg. shpg. wt., 12 oz. per 100 ft.

25 Ft.		100 Ft.		1000 Ft.	
Stk. No.	Net	Stk. No.	Net	Stk. No.	Net
BELDEN NO. 8941, 20-SOLID, O.D. .072"					
WR-425	.62	WR-426	1.59	WR-427	11.76
BELDEN NO. 8943, 20-STRANDED, O.D. .076"					
WR-430	.62	WR-431	1.62	WR-432	12.49
BELDEN NO. 8945, 16-SOLID, O.D. .080"					
WR-433	.59	WR-434	1.70	WR-435	13.92
BELDEN NO. 8947, 18-STRANDED, O.D. .087"					
WR-436	.62	WR-437	1.84	WR-438	15.58
BELDEN NO. 8942, 16-STRANDED, O.D. .099"					
		WR-428	2.16	WR-429	18.47
BELDEN NO. 8938, 14-STRANDED, O.D. .115"					
		WR-424	2.89		

BELDEN SHIELDED INTERCOM CABLES

Quality shielded cable for minimum interference pick-up - stranded type. Avg. shpg. wt., 100', 2 1/4 lbs.

15 Ft.		50 Ft.		100 Ft.	
Stk. No.	Net	Stk. No.	Net	Stk. No.	Net
BELDEN NO. 8735 - 3 COND. #22, O.D. 0.195"					
WR-403	.85	WR-404	2.25	WR-405	4.21
BELDEN NO. 8758 - 2 COND. #20, O.D. 0.165"					
				WR-416	2.94

ALPHA 1202 2 COND. SHIELDED PHONO CABLE

For wiring phono arm from cartridge to amplifier. 2 cond. no. 24 stranded, tinned copper. Coded black and red, shield overall. Shpg. wt., 4 ozs.

25 Ft.		100 Ft.	
Stk. No.	Net	Stk. No.	Net
WR-222	1.38		

BELDEN PAIRED VINYL-COVERED CABLE

Color-coded, vinyl insulated cables for telephone and intercom wiring. Size 22 solid tinned copper conductors are cabled in twisted pairs. Chrome vinyl outer covering. † weight in lbs.

Mfr.	Con.	O.D.	WT. †	PER FOOT	PER 100'		
8740	2	.134	1 1/4	WR-406	.02	WR-407	1.76
8741	4	.185	2 1/4	WR-408	.035	WR-409	2.89
8742	6	.220	3 1/2	WR-410	.05	WR-411	3.82
8743	12	.265	4 3/4	WR-412	.07	WR-413	5.88
8744	18	.320	5 1/2	WR-414	.095	WR-415	7.94

SHIELDED PHONO PICKUP CABLE

BELDEN TYPE 8431. Extremely limp and flexible. No. 24 stranded (16x36) tinned copper, rubber covered, tinned copper shield, brown cotton outer jacket. Only in lengths listed below. Shpg. wt., 100 ft., 2 lbs.

WR-386	15 ft. coil, Net each	.65
WR-387	25 ft. coil, Net each	.99
WR-388	100 ft. coil, Net each	3.09

WEATHERPROOF EXTENSION SPEAKER CABLE

BELDEN TYPE 8205. Unshielded 2-conductor cable for extension speaker installations, intercoms, etc. Will withstand severe weather conditions. No. 22 stranded (7x30) rubber insulation, covered with black cotton braid. Shpg. wt., 100 ft., 4 lbs.

WR-350	25 ft. roll Net	.81
WR-351	100 ft. roll Net	2.45

PUSH BACK WIRE

No stripping necessary. Just push back double cotton covered paraffin damp-proofed braid and wire is exposed. No. 20 gauge stranded or solid. In red, green, black, blue or yellow. Specify color. Shpg. wt., 100 ft., 1 lb.

WR-110	25 ft. stranded	Net .35
WR-111	100 ft. stranded	Net 1.26
WR-112	25 ft. solid	Net .34
WR-113	100 ft. solid	Net 1.23



BELDEN MICROPHONE CABLES SINGLE CONDUCTOR

Durable single conductor cables. No. 25 tinned strand-wire: 3x33 copper and 4x33 copper-coated steel. Concentric coverings include: cellulose acetate yarn braid, polyethylene, tinned copper shield, and chrome colored plastic outer jacket. *Rubber insulation and silver-gray rubber jacket. Available only in lengths listed below.

15 Ft.		25 Ft.		50 Ft.		100 Ft.	
Stk. No.	Net	Stk. No.	Net	Stk. No.	Net	Stk. No.	Net
BELDEN NO. 8401-O.D. .200", WT/100 FT. - 3 LBS.							
WR-361	.85	WR-362	1.18	WR-363	2.30	WR-364	4.21
BELDEN NO. 8410-O.D. .245", WT/100 FT. - 4 LBS.							
WR-365	1.32	WR-366	2.06	WR-367	3.82	WR-368	7.20
BELDEN NO. 8411-O.D. .144", WT/100 FT. - 2 1/4 LBS.							
WR-369	.70	WR-370	.99	WR-371	1.71	WR-372	3.09

TWO-CONDUCTOR CABLE

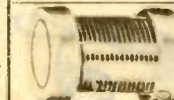
BELDEN TYPE 8428 two conductor cable is No. 18 stranded (41x34) cotton wrap, with silver gray rubber jacket. Type 8412 is No. 20 stranded (26x34) cotton wrap rubber insulation, silver gray rubber jacket No. 8422 is No. 22 stranded (16x34) tinned copper with polyethylene insulation and chrome plastic outer jacket. Available only in lengths listed below.

15 Ft.		25 Ft.		50 Ft.		100 Ft.	
Stk. No.	Net	Stk. No.	Net	Stk. No.	Net	Stk. No.	Net
BELDEN NO. 8428-O.D. .295", WT/100 FT. - 7 LBS.							
WR-381	1.71	WR-382	2.79	WR-383	5.29	WR-384	10.29
BELDEN NO. 8412-O.D. .268", WT/100 FT. - 5 1/2 LBS.							
WR-373	1.49	WR-374	2.30	WR-375	4.21	WR-376	8.08
BELDEN NO. 8422-O.D. .231", WT/100 FT. - 4 LBS.							
WR-377	1.13	WR-378	1.71	WR-379	3.19	WR-380	5.73

BELDEN VINYL COVERED CABLE

For intercom, telephone and speaker wiring, color coded vinyl plastic insulation. Conductors are tinned copper stranded wire. All conductors are No. 22 except * 2 cond. are #18, balance #22 † weight in pounds.

Mfr.	Con.	O.D.	WT. †	PER FOOT	PER 100'		
8443	3	.146	2	WR-389	.03	WR-390	2.43
8444	4	.164	2 1/4	WR-391	.035	WR-392	2.94
8445	5	.176	2 1/2	WR-393	.04	WR-394	3.63
8446*	6	.218	4	WR-395	.06	WR-396	5.29
8447*	7	.236	4 1/2	WR-397	.07	WR-398	6.03
8448*	8	.241	4 3/4	WR-399	.075	WR-400	6.27
8449*	9	.251	5	WR-401	.08	WR-402	7.01



MAGNET WIRE

Finest quality. Available in plain enamel or heavy FORMVAR insulation.

B&S Size	Ft. Lb.	PLAIN ENAMELED		1/2 Lb. No.	Spool Net
		1/4 Lb. No.	Spool Net		
16	125	WR-70	.38	WR-71	.67
18	202	WR-72	.38	WR-73	.67
20	319	WR-74	.38	WR-75	.67
22	506	WR-76	.40	WR-77	.71
24	804	WR-78	.42	WR-79	.73
26	1280	WR-80	.44	WR-81	.78
28	2030	WR-82	.46	WR-83	.82
30	3220	WR-84	.50	WR-85	.91
32	5100	WR-86	.52	WR-87	.93
34	8080	WR-88	.55	WR-89	.99
36	12,800	WR-90	.67	WR-91	1.19
38	20,300	WR-92	.85	WR-93	1.62

HEAVY FORMVAR IN 1 LB. SPOOLS

Stock No.	B&S Size	Feet	Net
WR-96	14	78	1.22
WR-97	16	124	1.23
WR-98	18	198	1.26
WR-99	20	313	1.32
WR-100	22	501	1.38
WR-101	24	798	1.46
WR-102	26	1200	1.58
WR-103	28	1999	1.73
WR-104	30	3200	1.93
WR-105	32	3900	1.97
WR-106	34	7950	2.28
WR-107	36	12,800	2.59
WR-108	38	20,000	3.20
WR-109	40	31,700	4.75

BELDEN 8817 LITZ WIRE

Copper Celenamel insulated nylon wrap. 5x44 stranded O-D-008. For rewinding RF coils, antenna primaries, etc. 100' spool. Shpg. wt., 4 oz.

TELEVISION AND INDUSTRIAL WIRE



AMPHENOL LOW LOSS COAXIAL CABLE

For RF applications. Meets all rigid military and commercial specifications. Impervious to weather, acids, alkalis, oil and gasoline.

Stock No.	Mfr. Type	RG Type	Imp. Ohms	MMF Per Ft.	NET PER FT.				
					Shpg. Wt. O.D.	per 100'	100' 1-99'	Net Per 1000'	
WR-500	21-004	8/U	52	29.5	.405"	12	12	.11	107.55
WR-501	21-290	8A/U	52	29.5	.405"	12	14	.13	119.79
WR-502	21-007	11/U	75	20.5	.405"	12	11	.10	99.47
WR-503	21-296	11A/U	75	20.5	.405"	12	13	.12	111.72
WR-504	21-024	58/U	53.5	28.5	.195"	3	.05	.04	44.59
WR-505	21-199	58A/U	50	28.5	.195"	3	.05	.04	44.59
WR-506	21-025	59/U	73	21	.242"	4 1/2	.06	.05	46.06
WR-507	21-440	114/U	185	6.5	.405"	12	.15	.14	124.95

INTERCOM WIRE



2 conductor Twisted: Flexible, tinned copper with plastic insulation. Shpg. wt., 2 lbs. per 100 ft.

WR-12	100 ft. coil	Net .89
WR-13	250 ft. spool	Net 1.95
WR-14	100 ft. coil	Net 1.25
WR-15	250 ft. spool	Net 2.59
WR-16	100 ft. coil	Net 1.95
WR-17	250 ft. spool	Net 4.50

FEDERAL "SILVERLINE"



- Finest Quality
- Extreme Durability

Heavy duty 300 ohm lead-in. Insulated with "silver" polyethylene. This new Federal development provides unchanging electrical and physical characteristics and remarkable durability. Blends with home color schemes and assures long, trouble-free service. Shpg. wt., 4 lbs. per 100 ft.

WR-23	per ft.	Net .03
WR-150	per 100 ft.	Net 2.25

4 CONDUCTOR ROTOR CABLE



Four flexible stranded copper conductors — tough plastic insulation. Shpg. wt., 3 lbs. per 100 ft.

WR-24	per ft.	Net .03
WR-151	per 100 ft.	Net 2.39

SPECIAL TUBULAR AIR-SPACED TWIN LEAD

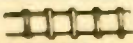
- UHF-VHF
- Extreme Low Loss



300 ohm airspaced tubular lead with copperweld conductors. Shpg. wt., 3 lbs. per 100 ft.

WR-46	per 100 ft.	Net 2.50
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NEW UHF/VHF 300 OHM OPEN WIRE



Lowest possible line loss—perfect impedance match. May be used interchangeably with tubular or 300 ohm flat without mismatching! Attenuation averages only 1.9 db over entire UHF band. No. 18 copperweld wire — pure polyethylene separators spaced at 6". Spaced only 1/2" between conductors—may be used with standard stand-off insulators. Shpg. wt., 2 1/2 lbs. per 100 ft.

WR-22	100 ft.	Net 2.15
WR-148	per 250 ft. coil	Net 4.85
WR-149	500 ft. Spool	Net 9.70

POT AND POSJ AC ZIP CORD



U.L. approved, 2 cond., No. 18 zip cord. For lamp cord, speaker extensions, etc. POT is plastic insulation. POSJ is rubber insulation. Shpg. wt., 3 lbs. per 100 ft.

WR-35	POT 100 ft.	Net 1.88
WR-47	POT 250 ft.	Net 4.50
WR-34	POSJ 100 ft.	Net 2.40
WR-48	POSJ 250 ft.	Net 5.35

BELDEN 8430 PHONO PICKUP ARM CABLE

Flexible, stranded, twisted pair. Coded red and black. Small diameter. Shpg. wt., 4 oz.

WR-385	25 ft.	Net .67
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COPPER AERIAL WIRE



Finest grade high tensile strength copper for all antenna requirements. Avg. shpg. wt., 1 lb.

WR-64	75 ft. 7/22 bare	Net 1.11
WR-65	100 ft. 7/22 bare	Net 1.47
WR-63	75 ft. 7/24 bare	Net .75
WR-66	100 ft. 7/24 bare	Net .96
WR-62	75 ft. 7/26 bare	Net .65
WR-67	100 ft. 7/26 bare	Net .85
WR-68	100 ft. 12 solid enamel	Net 2.28
WR-69	100 ft. 14 solid enamel	Net 1.62

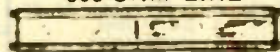
LO-LOSS OPEN LINE



Maximum reception in all weather. Best transmission line for long runs. Molded, slip-proof polystyrene spacers on 12" centers. 0.35 db loss per 100' at 100 MC. Shpg. wt., 2 1/2 lbs. per 100'.

WR-125	100 ft.	Net 1.90
WR-126	250 ft.	Net 4.50
WR-127	500 ft.	Net 8.59

HEAVY DUTY 300-OHM LINE



Extra high quality. Heavier gauge wire and thicker insulation. Shpg. wt., 2 1/2 lbs. per 100 ft.

WR-26	per ft.	Net .025
WR-152	per 100	Net 1.89

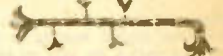
RG COAXIAL CABLES

All branded with standard type numbers and meet requirements of RG cables on Qualified Products List of U.S. Government. Available only in lengths indicated.

Type No.	Stock No.	100 FL	Stock No.	500 Ft.	Stock No.	1000 Ft.	Shpg. Wt. Per 1000'
RG-8/U	WR-131	9.87	WR-132WX	47.04	WR-133WX	89.67	115 lbs.
RG-11/U	WR-134	9.38	WR-135WX	44.77	WR-142WX	85.26	100 lbs.
RG-58/U	WR-136	4.20	WR-137WX	20.09	WR-138WX	38.25	31 lbs.
RG-59/U	WR-139	4.37	WR-140WX	20.84	WR-141WX	39.69	40 lbs.

ALPHA LACING CORD AND TAPE

- LACING FOR ANY TYING JOB



Explanation of types: GE: cover with a synthetic rubber-like resin for easier handling and better knot retention abilities; MW: A micro crystalline wax with a melting point of 130°F. Meets Specs MIL-T-713A. TF: a teflon resin used only on glass lacing tapes. Very high temperature exposure (up to 500°F). All types available in black or white; please specify.

NYLON ROUND LACING CORD

Alpha No.	Tensile Strength	Finish	Yds.	Dia.	Shpg. Wt.	Stk. No.	Black Net	Stk. No.	White Net
LC-103	10 lbs.	GE	3,050	.017"	11 oz.	WR-246	5.14	WR-247	4.41
LC-115	32 lbs.	MW	590	.030"	11 oz.	WR-254	4.99	WR-255	4.26
LC-114	48 lbs.	MW	375	.035"	11 oz.	WR-252	4.97	WR-253	4.23
LC-111	48 lbs.	GE	375	.035"	11 oz.	WR-248	4.97	WR-249	4.23
LC-113	70 lbs.	MW	280	.050"	11 oz.	WR-250	4.94	WR-251	4.21

FLAT NYLON — DACRON — TEFLON LACING TAPE

All Nylon except * Dacron and † Teflon-fiberglass.

Alpha No.	Tensile Strength	Finish	Yds.	Width	Thick-ness	Shpg. Wt.	Stk. No.	Black Net	Stk. No.	White Net
LC-134	30 lbs.	MW	500	1/4"	.010"	2 lbs.	WR-256	5.66	WR-257	5.06
LC-136	50 lbs.	MW	500	3/8"	.014"	2 lbs.	WR-258	8.60	WR-259	7.89
LC-137	145 lbs.	MW	200	1/2"	.014"	2 lbs.	WR-260	6.08	WR-261	5.83
LC-162*	50 lbs.	MW	500	3/8"	.014"	2 lbs.	WR-262	8.60	WR-263	7.89
LC-171†	140 lbs.	TF	250	3/8"	.020"	2 lbs.			WR-264	12.88

BROWN 300 OHM TWIN LEAD



1.39 per 100 ft. COPPER CONDUCTORS LO-LOSS POLYETHYLENE

High quality, low-loss lead-in for all TV and FM installations. Polyethylene dielectric—standard copper leads. Shpg. wt., 2 lbs. per 100 ft.

WR-25	100 ft.	Net 1.39
WR-146	500 ft.	Net 5.75
WR-147	1,000 ft.	Net 10.95

CLEAR 300 OHM TWIN LEAD

Same as above but clear for a better blend with the base boards.

WR-128	100'	Net 1.64
WR-129	500'	Net 6.25
WR-130	1000'	Net 11.95



AMPHENOL UHF-VHF TWIN LINE

(A) 214-056. 300 ohm flat twin lead. Low loss 56 mil virgin polyethylene dielectric. No. 20 stranded (7x28) copper conductors. Withstands weather. Shpg. wt., 2 lbs. per 100 ft.

	NET EACH	
	1-11	12 UP
WR-508	50 ft. Coil	1.28 1.16
WR-509	75 ft. Coil	1.73 1.56
WR-510	100 ft. Coil	2.18 1.96
WR-511	Over 125 ft. per 100 ft.	1.94

(B) 214-271. 300 ohm air spaced tubular. Low loss on long leads — ideal for UHF. Shpg. wt., 3 lbs. per 100 ft.

	NET EACH	
	1-11	12 UP
WR-512	50 ft. Coil	2.12 1.90
WR-513	75 ft. Coil	2.75 2.48
WR-514	100 ft. Coil	3.44 3.04
WR-515	Over 125 ft. per 100 ft.	3.18

ASSORTED SPAGHETTI

24 piece assortment, 8" lengths. Various colors and diameters. Shpg. wt., 4 ozs.

MS-46	Net .27
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BELDEN 8285 PERMOHM 300 OHM LEAD IN

The latest development in 300 OHM twin lead. Encapsulated in low loss cellular polyethylene. Delivers a strong signal on all channels VHF or UHF. A must for color T.V. 2 Conductor #22 (7x30) stranded copper weld conductors. Shpg. wt., 4 lbs. per 100'.

WR-359	50 ft.	Net 2.79
WR-442	75 ft.	Net 4.12
WR-360	100 ft.	Net 5.29

BELDEN TWIN LEAD 8225

For TV and FM antennas. Low-loss polyethylene insulation. One lead tinned, one bare. Stranded No. 20 (7x28). Shpg. wt., 100 ft., 2 lbs.

WR-352	50 ft. Coil	Net 1.14
WR-353	75 ft. Coil	Net 1.53
WR-354	100 ft. Coil	Net 1.88
WR-443	Over 125 ft. per 100 ft.	Net 1.89

BELDEN 8320

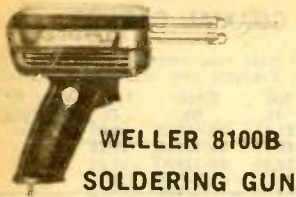
"Weldohm" copper coated steel wire. Polyethylene insulation. Almost twice as strong as plain copper. Perfect for long runs. Stranded No. 20 (7x28). Shpg. wt., 100 ft., 2 lbs.

WR-355	50 ft. Coil	Net 1.21
WR-356	75 ft. Coil	Net 1.67
WR-357	100 ft. Coil	Net 2.09
WR-444	Over 125 ft. per 100 ft.	Net 1.88

Type 8235. Low-loss 300-ohm line for UHF or VHF TV antennas. Resists oxidation and sun; made with 100% virgin polyethylene web. 20 gauge (7x28) stranded Weldohm wire; copper with steel core for maximum strength. Shpg. wt., 100 ft., 5 lbs.

WR-358	100 ft. Coil	Net 4.70
WR-445	Over 125 ft. per 100 ft.	Net 4.12

Weller INSTANT HEAT GUNS



**WELLER 8100B
SOLDERING GUN**

New soldering gun rated at 100 watts. Features instant heating in 5 seconds. Trigger switch for fast on and off control. Also dual spot lights, pre-focused to assist your solder work. Tips are long life and easily replaceable. Shpg. wt., 2½ lbs.
 MD-803—List 6.44 Net ea. 4.73
 Lots of 3, ea., 4.42 Lots of 12, ea. 4.20

8250AK

"EXPERT" SOLDERING KIT

• 250 Watts
10.99



Here's everything you need for hundreds of homecraft and hobby jobs. Does all the many electrical soldering jobs around the home and shop—plus plenty of heat for sheet metal—pots—pans—cans—etc. Cut plastic tiles—repair plastic toys. Kit includes 250 watts instant heat dual spotlight Weller gun—ample supply of Kester solder—soldering tip—smoothing tip—cutting tip—tip interchange wrench—two instruction booklets—sturdy metal case for convenient storage. Shpg. wt., 7 lbs.
 MD-807 Net ea. 10.99
 Lots of 3, ea., 9.77 Lots of 12, ea., 9.29

8250A HEAVY DUTY 250 WATT GUN

250 watts for relatively heavy soldering jobs. Instant heat, dual spotlights. Broader grip for heavier work. Rugged, general purpose soldering tool. Shpg. wt., 4 lbs.
 MD-806 List 12.95 Net ea. 9.52
 Lots of 3, ea., 8.47 Lots of 12, ea., 8.04

WELLER MAGNASTAT SOLDERING IRONS



New Magnastat temperature control in tip prevents overheating—constantly maintains proper soldering temperature. Result—more reliable soldering. Less down time, too, because tip redressing is minimized. All magnastat soldering irons are guaranteed against defects in material and workmanship. For 110/120 V 50-60 cycle AC.
 *Have a 3 wire grounding cord. Avg. Shpg. wt., 12 ozs.

Stock No.	Type No.	Watts	ea.	Net ea.	Lots of
MD-808	TC552-2-B	55	6.61	5.88	5.29
MD-809	TC602-2-A	60	7.35	6.54	5.88
MD-810	TC552-3-B*	55	7.35	6.54	5.88
MD-811	TC602-3-A*	60	8.08	7.19	6.47
MD-812	TC120-3*	120	9.19	8.17	7.43

REPLACEMENT MAGNASTAT TIPS

Average shpg. wt., 3 ozs.

Stock No.	Type No.	For Iron	Size	Net ea.
MD-813	WT552B	TC552	½"	.56
MD-814	WT602A	TC602	¼"	1.12
MD-815	WT120	TC120	¾"	1.49

8200K DUAL HEAT SOLDERING KIT



5.83

Instant switching to high or low heat. Saves time—longer tip life. Instant heating clear to the tip. Prefocused spotlight illuminates work. Guaranteed for one year. Kit includes dual heat, 90-125 watts soldering gun—solder—wire brush—soldering aid. U.L. approved. 110-120V. AC only. Shpg. wt., 2½ lbs.
 MD-805 List 7.95 Net ea. 5.83
 Lots of 3, ea., 5.19 Lots of 12, ea., 4.94

PROFESSIONAL SOLDER GUNS

- Instant Heat
- Hi-Impact Housing

New High Wattage Guns—these latest model guns have everything! Increased wattage—dual spotlights—rugged plastic case—featherweight balance. Come equipped with cord, plug and one tip. 110-120 volts AC 60 cycles. Model D440 Dual-heat type. 100-150 watts. Shpg. wt., 3 lbs. List 12.95
 MD-794 Net ea. 9.52
 Lots of 3, ea., 8.47 Lots of 12, ea., 8.04
 Model D-550. Dual-heat type. 200-275 watts. Shpg. wt., 3¾ lbs. List 16.25
 MD-795 Net ea. 11.71
 Lots of 3, ea., 10.53 Lots of 12, ea., 9.96

REPLACEMENT TIPS

Avg. shpg. wt., 3 oz.

No. 7135. For light-duty, models WS-100 WD-135, S-400, D-440 and 8100.
 MD-800 Pkg. of 2 Net .25
 No. 7250. For models WS-200, WD-250, S-500, D-550 and 8250A.
 MD-801 Pkg. of 2 Net .35
 No. 7300. Chisel tip. For use only in older models S-107B, and D-207.
 MD-802 Pkg. of 2 Net .25
 No. 6130. Cutting tip. Cuts plastic tile, etc. For models WS-200, WD-250, S-500, D-550, 8250A.
 MD-798 Net .35
 No. 6110. Cutting tip. For models WS-100, WD-135, S-400, D-440, 8100.
 MD-791 Net .35
 No. 6140. Smoothing tip. For heat sealing plastic. For models WS-200, WD-250, S-500, D-550, 8250A.
 MD-799 Net .35
 No. 6120. Smoothing tip. For models WS-100, WD-135, S-400, D-440, 8100.
 MD-797 Net .35
 No. 8125. Soldering tip, for model 8200.
 MD-804 Pkg. of 2 Net .25

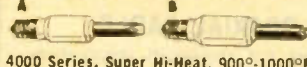
SOLDERING GUN PARTS

Avg. shpg. wt., 3 oz.

7325. Tip nut for D-440, S-400, 8100, 8100B.
 MD-816 Net .15
 7417. Tip nut for S-500, D-550, 8250A.
 MD-817 Net .15
 7323. Switch for all single heat models.
 MD-818 Net 1.22
 7324. Switch for all dual heat models.
 MD-819 Net 1.37

Ungar SOLDERING PENCILS

ELEMENT TIPS



4000 Series, Super Hi-Heat. 900°-1000°F tip temperature. 47½ watts for heavy duty use. Tellerium copper base, plated with iron and pure silver. For 115V, AC-DC. Av. shpg. wt., 5 oz.

Stock No.	Type	Fig.	Description	1-9	10-Up
MD-770	4033	A	¼" Chisel	2.35	1.91
MD-772	4036	B	Pyramid	2.35	1.91
MD-774	4039	A	¾" Chisel	2.35	1.91

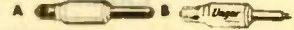
1200 Series, Hi-Heat. 750°-800°F tip temperature. 37½ watts for medium duty use. Silver-plated solid Armcro pure iron. *Copper tip. For 115V, AC-DC. Av. shpg. wt., 3 oz.

Stock No.	Type	Fig.	Description	1-9	10-Up
MD-765	1233*	A	¼" Chisel	1.18	.96
MD-767	1236	B	Pyramid	1.18	.96
MD-769	1239	A	¾" Chisel	1.18	.96
MD-778	1333	A	¼" Chisel	1.18	.96

800 Series, Standard. 650°-750°F tip temperature. 23½ watts for general purpose use. Tellerium copper tip. For 115V, AC-DC. Av. shpg. wt., 3 oz.

Stock No.	Type	Fig.	Description	1-9	10-Up
MD-747	533	A	¼" Chisel	.98	.79
MD-749	536	B	Pyramid	.98	.79
MD-750	539	A	¾" Chisel	.98	.79

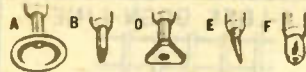
HEATING UNITS



HEATING UNITS. For use interchangeably with any tiplet except * for 800 and † for 100 series only. Iron base, silver plated. Av. shpg. wt., 2 oz. For 115V, AC-DC.

Stock No.	Type	Description	Fig.	1-9	10-Up
MD-775	4045*	Super Hi-Heat			
		850° 47½ W A		2.35	1.91
MD-771	4035	Super Hi-Heat			
		850° 47½ W A		2.35	1.91
MD-773	4037†	Hi-Speed			
		900° 47½ W B		2.35	1.91
MD-766	1235	Hi-Heat			
		750° 37½ W A		1.18	.96
MD-748	535	Standard			
		650° 23½ W A		.98	.79
MD-768	1237†	Hi-Speed			
		900° 37½ W B		1.18	.96

DE-SOLDERING TIPPLETS



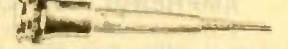
These Ungar De-Soldering Tipplets will help you remove components 70% faster than ordinary iron tips by melting solder on all terminals simultaneously. All De-Soldering Tipplets are used with Ungar 4045 heating Unit. Shpg. wt., 2 oz.

Stock No.	Type	Fig.	Description	1-9	10 or more
MD-754	854	A	1" Cup tiplet		
MD-755	855	A	¾" Cup tiplet		
MD-756	856	A	½" Cup tiplet	.59	.48
MD-757	857	B	Slotted tiplet		
MD-758	861	D	Triangle tiplet		
MD-759	862	E	Offset Slotted tiplet		
MD-760	863	F	Cube tiplet		

DELUXE SOLDERING KIT

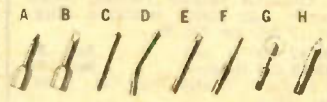
MODEL 250
A complete set of precision soldering tools for every need. Featherweight handle plus 16 interchangeable tips, heating units and tiplets. In handsome, sturdy metal case. A truly outstanding value. Shpg. wt., 5 lbs.
 MD-45D List 25.00 Net 19.60

NEW 776 SOLDERING HANDLE



• 9 Great Improvements
Meets every industrial soldering requirement. Virtually fatigue-free—lightweight and desirably cool. New spring socket holds tip firmly for full electrical contact. Ceramic and glass insulator keeps handle temperature way down. Soft-touch cork grip for all-day comfort. Plated socket terminals; stainless steel heat deflector; octagon guard wash; therm-stabilized phenolic housing with approved, 6-ft. insulated cord with conforming cord protector. Overall length 5". Shpg. wt., 4 oz.
 MD-751 List 4.50 Net ea. 1.18
 Lots of 10, each .96

TIPPLETS AND MINI-TIPS



New thread-in and thread-on soldering tips. Made of super tough copper alloy. The PL series is iron clad and silver plated, others are unplated. The 100 series Mini-Tips, ¼" O.D., are used with 1237 and 4037 units only. The 300 series tiplets, 1½" O.D., are used with heating units 535, 1235, 4035. The 800 series Tiplets, ¾" O.D. for high heat transfer, are used with the 4045 unit. 833 and 834 1¼" L., 823 and 824 are 1" L. Avg. shpg. wt., 2 oz.

Stock No.	Model	Fig.	Type	1-9	10-50 Up
MD-737	PL 111	A	Pencil	.59	.49
MD-738	PL 113	B	Chisel	.59	.49
MD-743	PL 331	C	Offset	.47	.39
MD-744	PL 332	D	Offset	.47	.39
MD-745	PL 333	E	Chisel	.47	.39
MD-746	PL 338	F	Needle	.47	.39
MD-776	PL 340	G	Micro	.47	.39
MD-761	PL 823	H	Pyramid	.47	.39
MD-762	PL 824	E	Chisel	.47	.39
MD-763	PL 833	E	Chisel	.78	.65
MD-764	PL 834	D	Offset	.78	.65
MD-735	111	A	Pencil	.20	.17
MD-736	113	B	Chisel	.20	.17
MD-739	331	C	Pencil	.16	.13
MD-740	332	D	Offset	.16	.13
MD-741	333	E	Chisel	.16	.13
MD-752	823	H	Pyramid	.16	.13
MD-753	824	E	Chisel	.16	.13

DE-SOLDERING KIT Model 270

Designed for safe de-soldering printed circuits. Kit consists of 7 specialized components, including basic super hi-heat pencil unit, delivering up to 850°F; slotted tiplet; rectangular de-soldering tiplet; and 4 circular de-soldering tiplets. In sturdy metal case.
 MD-447 Shpg. wt., 2 lbs. Net 4.65

NEW! SOLDERING IRON HOLDER

- Protects the Iron
- Protects the Operator



Specially made for Ungar #776 handle only. Guards the operator against "hot tip" burns; protects the iron against breakage. Keeps the iron cradled safely and securely... ready for instant use. Attaches flat on bench top or underneath, vertical on wall, angle adjusts to operator's convenience. Shpg. wt., ½ lb.
 MD-777 Net each 1.57
 10-49, each 1.30 50-up, each 1.20

SOLDERING IRONS AND SOLDER

WEN "100K" GUN KIT

- Light Weight—Only 19 Ozs.!
- Extra Slim—Only 1 1/4"!
- Fast Heat—Soldering Temperature in 2 1/2 Sec.!



Most efficient transformer-type gun on the market. Only 19 ounces in weight, yet develops full 100 watts of power in just 2 1/2 seconds. Body is gleaming jet black. Replaceable extra long steel-nosed tip. Built in spotlight. Kit includes an extra plastic tile cutting tip and 5 feet of rosin core solder. For 120V 60 C.V. A.C. Shpg. wt., 2 1/2 lbs.
 HD-851 List 7.95 Net 5.30
 HD-550 #100 Gun only Net 4.66
 HD-551 Tip for Wen 100 Net .34

HEAVY DUTY 250 WATT SOLDER GUN



- Industrial Standard
- Heats in 3 seconds
- Built-in Spotlight

The standard by which other soldering guns are judged! This heavy-duty model withstands hundreds of hours of continuous use. Heats in 3 seconds; under normal use tip remains tinned indefinitely. Built-in spotlight illuminates even the hardest-to-reach places. Streamlined design is easy to handle. Black high impact shatter proof housing. U.L. approved. 250 watts, 120v. A.C. only. 6 1/2" long overall. Shpg. wt., 4 lbs.
 HD-710 List 12.95 Net 8.64

WALL "INSTANT HEAT" GUN



TRIG-R-HEAT

Transformerless, instant heat soldering gun. Wattage automatically regulated. Only 8 oz. 3/4" pretinned tip. Maximum watts 150 — minimum 75. UL approved cord and plug. Shpg. wt., 1 1/2 lbs.
 HD-552 238T less light Net 5.51
 HD-553 238LT with light Net 5.87
 HD-554 Replacement tip and element unit wt., 10 ozs. Net 2.94

WALL PENCIL IRONS



THERMOSTATIC BRAIN

Built to take "production-line punishment". Quick heating—thermostatic action prevents tip burning. Draws heaviest current to heat—drops to idle current when taken from work. 18HD, industrial type. 25 watts. Weighs only 1 oz. 14T has range of 125 to 40 watts, weighs only 1 1/2 oz. Shpg. wt., 8 oz.
 HD-555 18HD 1/2" tip Net 5.23
 HD-556 14T 3/4" tip Net 5.23
 HD-557 Tip for 18HD wt., 2 oz. Net .14
 HD-558 Tip for 14T wt., 2 oz. Net .26

HYTRON SOLDERING AID

Effortlessly unwraps "mechanically solid" joints. Reams solder from lug holes. Hex handle with straight reamer tip.
 HD-36 Shpg. wt., 8 oz. Net .65
 Same as above with angled reamer tip.
 HD-177 Net .65

NEW!

30 WATT INDUSTRIAL SOLDERING PENCIL

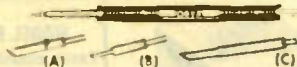


- Built for Continuous Duty
- Lightweight—A Mere 2 Ozs.
- Perfectly Balanced—No Fatigue!
- Exceptionally Cool Running!

Designed specifically for industrial use. Maximum wattage in the lightest-smallest-coolest 30 watt iron available. Nine inches long—weighing a mere 2 ozs. Less the cord — for reaching easily into "parts-packed" chassis. Far cooler in

operation than any other 30 watt pencil type iron. Especially suited for precision electronic wiring, small metal parts, jewelry, lights, electrical work, toys, etc. Element of high quality nichrome wire, precision wound on a "double" mica base. Highly stable heating characteristics assure long life and safety in use on precision circuitry. Replaceable screw-in, nickel plated copper tip.
 110-120 v AC/DC. Shpg. wt., 8 ozs.
 HD-475 Net 1.70
 HD-476 Replacement Tip Net .20

ORYX MINIATURE IRONS



- World's Lightest—Only 1/4 Ounce!
- Incomparable for Transistor Work!
- Only 6" Long!

Heats in 3D seconds—long life—low voltage element. Prevents damage to small assemblies—pin joint heat concentration. Sturdy—no ceramic or mica formers. Operates from any 6 volt source—including dry cells, wet cells, filament or step-down transformer.

HD-546 Type 5420		Net 5.83	
Stock No.	Type	Watts	Tip
HD-530	G	6	Fixed
HD-531	GA	6	B
HD-532	9-6	8.3	A
HD-533	11"	10	D
HD-534	12-6	12	C
HD-535	18	18	F,G
HD-536	25-12	25	G,H

* Develops 800° F.
 † Develops 1000° F., uses 12 volt source.

Replacement Tips

Type marked * are solid nickel, others are nickel plated copper.

Stock No.	Type	Size	For Model	Net
HD-537	A	3/32"	6A, 9-6	.49
HD-538	B	3/32"	6A, 9-6	.49
HD-539	C	3/16"	12-6	.49
HD-540	D*	3/32"	12-6	1.76
HD-541	E*	3/32"	12-6	1.76
HD-542	F*	3/16"	18	1.22
HD-543	G*	3/16"	18-25	1.81
HD-544	H	3/4"	25	2.30

6 Volt Transformer

110 volt AC input, 6 volts 3 amp, output. For all 6V. Oryx irons. With cord and iron holder. Shpg. wt., 2 lbs.
 HD-545 Type 54203 Net 4.85

12 Volt Transformer

110 volt AC input, 12 volt 2 amp, output. For Model 25 and other 12V. irons. With cord and iron holders. Shpg. wt., 2 lbs.

LENK LP TORCH MODEL 295LP

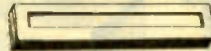


16 Oz. Fuel Container

An all purpose liquified petroleum torch. Does regular soldering—sweat fittings—silver soldering—removes finishes, paints and putty. Self sealing valve permits safe removal of torch head. Lights instantly—no priming, no waiting. Clean—sootless—odorless flame. More than 2200° F. Shpg. wt., 1 1/2 lbs.
 HD-564 Net 1.96

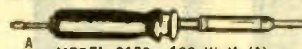
REPLACEMENT FUEL TANK—for all Lenk LP Torches. Shpg. wt., 1 lb.
 HD-565 Net .73

CHEMALLOY FLUXLESS ALUMINUM SOLDER



- Easily Solders Aluminum
 - Requires No Flux
- New, improved, fluxless aluminum solder will solder, braze, or weld aluminum, zinc, potmetals, copper, brass, galvanized metals, aluminized-copperized-tinned surfaces. Solders thinnest gauge aluminum—even foil—without burn-through. Solders and "fills" die cast parts. Can be machined and polished. Anti-friction properties permit its use as a dry bearing metal. Use practically any heat source such as torches—hot plates—stove burners—soldering guns or irons. Does not splatter or explode—requires no special skill or care in handling. Readily withstands immersion and contact with liquids—excepting the most violent chemicals. Use 500° for average work, 800° for heavy work on high tensile strength joints.
 HD-559 4 oz. Bar, 500° Net .59
 HD-560 4 oz. Bar, 800° Net .59
 HD-561 1 lb. Bulk, 500° Net 1.59

AMERICAN BEAUTY IRONS



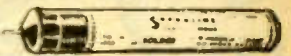
MODEL 3138—100 Watt (A)
 America's most famous iron for those who want the best. Heavily chrome plated and polished metal parts. Cooling baffle, with stand, 6 ft. cord and 3/8" tip. Length 12 1/2". Shpg. wt., 2 1/4 lbs.
 HD-566 Net 7.70
 HD-567 No. 3738 Extra 3/8" tip wt., 3 oz. Net .46
MODEL 3128—60 Watt
 Light duty model with 1/4" tip. With cord and stand. Shpg. wt., 1 lb.
 HD-568 Net 5.04
 HD-569 No. 3728 Extra 1/4" tip wt., 3 oz. Net .33

JET KING Blow Torch Kit



- Pencil Sized—3500° Heat
 - Solders—Brazes: Softens Paint and Putty • New Soldering Tip
- Extremely useful—highly efficient—miniature blow torch. High heat, 3500°, pin point flame. Less than 7" long from end to end. Charged by a butane cartridge which gives 30 minutes of continuous service. May be turned on or off at any time. Entire unit weighs approx. 4 oz. Economical throw-away cartridges can be stored indefinitely. Ideal for repairs on wiring—radio—TV installations—appliances—pipes and plumbing. Complete with 2 chargers, soldering tip and coil of rosin core solder. Shpg. wt., 1 lb.
 HD-315 List 2.95 Net 2.25
 HD-226 Torch only, with 1 charger wt., 12 ozs. Net 1.59
 HD-227 Extra chargers, Pkg. of 2, wt., 8 ozs. Net .39

SPYRALINE SOLDER



• 60% TIN — 40% LEAD
 11 ft. of high quality, 3/64" 60/40 activated rosin core solder in handy dispenser. Container is non-inflammable—affords insulation when working a "hot" circuit. Eliminates waste—pull out only what you need. Keeps solder clean and unsifted. Reaches into "hard-to-get-at" joints. Shpg. wt., 1/2 lb.
 HD-228 Special, Pkg. of 3, 1.32
 Singly, Each .49
SPYRALINE PRINTED CIRCUIT TOUCH UP SOLDER designed for a fast bond without overheating. Melting range of 240°-320° F; for low wattage soldering iron. Safe for silver ceramics and transistors. Shpg. wt., 1/2 lb.
 HD-415 Net .62, ea. Pkg. of 3, 1.69

KESTER SOLDER AND FLUX



Uniform compound of 40% tin and 60% lead with evenly distributed and free-flowing flux.

HD-572 Resin core 3/32" Dia. 3-oz. Tin	Net .17
HD-573 Resin core 3/32" Dia.—1 lb. Sp.	Net 1.11
HD-574 Rosin core 3/32" Dia.—5 lb. Sp.	Net 5.35
HD-575 Resin core 1/8" Dia.—1 lb. Sp.	Net 1.14
HD-576 Resin core 1/8" Dia.—5 lb. Sp.	Net 5.50
HD-577 Acid core 1/8" Dia.—3 oz. Tin	Net .17
HD-578 Acid core 1/8" Dia.—1 lb. Sp.	Net 1.11
HD-579 Acid core 1/8" Dia.—5 lb. Sp.	Net 5.35

KESTER RESIN-FIVE SOLDER

Very active rosin core flux. Non-corrosive and non-conductive. Easily solders zinc, brass, nickel plate and ferrous metals.

HD-580 3/32" Dia.—1 lb. Sp.	Net 1.11
HD-581 3/32" Dia.—5 lb. Sp.	Net 5.35
HD-582 1/8" Dia.—1 lb. Sp.	Net 1.14
HD-583 1/8" Dia.—5 lb. Sp.	Net 5.50

KESTER PASTE FLUX

HD-584 Non-Corrosive 2 oz.	Net .12
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ERSIN Multicore Solder

Maximum flux action at correct solder melting point. Fast melting, non-corrosive, non-sticky, non-toxic. 5-core construction insures constant flux. Has excellent cleansing action. 40% tin, 60% lead. No. 16 gauge.
 HD-585 1 lb. spool Net 1.39
 HD-586 7 lb. spool Net 9.45

Ersin Multicore 60/40 Solder 60% tin, 40% lead, #16 gauge.
 HD-587 1 lb. spool Net 1.76
 HD-588 7 lb. spool Net 12.04

SERVICE PACK: 18 Gauge 60/40 5 core solder. Approximately 20' on wooden spool. ERSIN 6018.
 HD-589 Shpg. wt., 12 ozs. Net .49

"SAL-MET" FLUX

- Solders All Metals
- Non-corrosive

A non-corrosive flux that will solder all metals cleanly and permanently—copper to aluminum, aluminum to aluminum, copper to steel, etc. No special treatment of metal required. Packed in 1 oz. tubes.
 HD-427 Net .72

PHOTO ELECTRIC EQUIPMENT — BURGLAR ALARMS — GARAGE DOOR OPENERS



NEW! LAFAYETTE AUTOMATIC PHOTO-ELECTRIC 'LUMINATOR

- Automatic Light Switch
- Lights on at sunset—off at sunrise

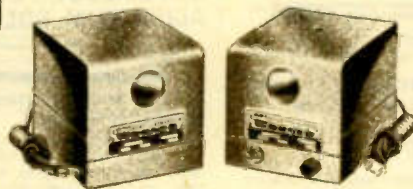
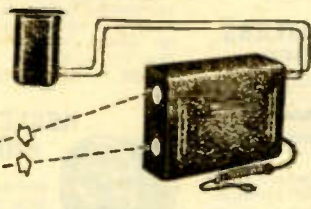
New photo-electric, light sensitive switch turns lights on and off at dusk and dawn. Better than a clock—no setting and resetting of timer. Variance in "on-off" cycle adds extra protection when away from home. You need never come home to a darkened house. The controlled lamps go on as darkness falls—stay on until sufficient day light returns or until manually turned off. Just plug it in for protection from prowlers—to turn on night lights—illuminate outdoor areas—light up brooders—green houses—displays—show windows—any place you require automatic illumination. Mounts most anywhere on rubber suction cup feet. Unobtrusive—measures only 3 3/4" x 2 1/2" x 2 1/4". Use on 117 volt AC only. Maximum 300 watts lamp load. Instructions included. Shpg. wt., 1 lb. MS-790

4.95

Net 4.95

WORNER PHOTOELECTRIC SYSTEMS

WORNER ELECTRONIC RECEPTIONIST



MODEL 61 ANNOUNCER. Consists of "Fotoelectric" unit, chime and mirror. Chime rings when light beam is intercepted. Unit has exciter lamp which projects beam across passage, and photocell which receives reflected beam from mirror; may be placed up to 10' from mirror. 8 1/4" x 6 1/2" x 2 3/4". Shpg. wt., 8 lbs. For 110-120V 50-60 cycle A.C.

PC-20 2.00 Down Net 39.69

60-1130 REPLACEMENT BULB, 6 v, 32 cp., 2000 hour. For Model 61. Shpg. wt., 5 oz.

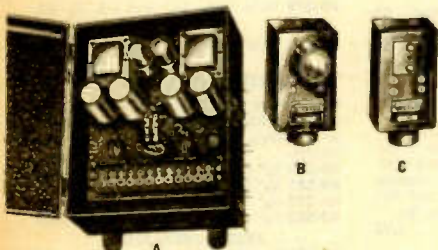
PC-21 Net .65

CHIME. For Model 61, or any other 6 v. A.C. power source. Excellent warning device. Shpg. wt., 2 lbs.

PC-22 Net 4.70

MODEL 4000 "WATCHMAN". Economical indoor alarm system. Consists of exciter lamp unit and matching electronic relay, in attractive hammerloid cases. Exciter unit has 2 prefocused f6 lenses for maximum light dispersion, infra-red filter to furnish invisible beam. Relay unit has toggle switch choice of intermittent or continuous alarm operation, outside light rejector, sensitivity control. Built-in 6V.A.C. power supply permits use of external electrical alarms. Ranges: white light 50', invisible light 35'. Size each unit 5" x 5" x 5 1/2". Total shpg. wt., 14 lbs. For 110-120 V. 50-60 cycle A.C.

PC-23 5.00 Down Net 61.74



FOTOELECTRIC SYSTEM

Consists of 3 dependent units designed especially for use with each other: Model 63 Electronically Operated Relay, Model 33 Exciter Lamp and Model 23 Photocell Receiver. System will detect or count objects with an exposed area of 2" square or more at up to 10 feet. Lamp and photocell units are housed in identical cases.

(Fig. A) MODEL 63

DPDT ELECTRONICALLY OPERATED RELAY

Fast acting switching mechanism capable of handling up to 600 counts per minute. Current rating 10 amps non-inductive, 2 amps inductive at 110 VAC 60 cycles. Actuation sensitivity is adjustable for different light intensity changes. Case size: 9 1/4" x 1 1/2" x 5". For 110-120 VAC 50-60 cycles. Shpg. wt., 22 lbs.

PC-24WX 5.00 Down Net 114.66

(Fig. B) MODEL 33-10F EXCITER LAMP

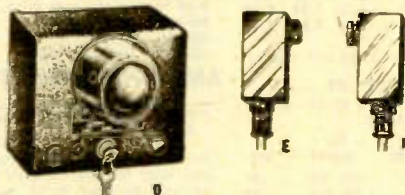
Provides a directional beam with adjustable lens. Placed at 1-10 feet from photoelectric receiver. For indoor use. Power from Model 63 Relay. Gray cast-iron case, 4 1/2" x 3" x 3". Equipped with 1/2" conduit fittings. Shpg. wt., 3 lbs.

PC-25 Net 19.11

(Fig. C) MODEL 23 PHOTOCCELL RECEIVER

For use with Model 33 Exciter Lamp. Has same rugged case as Model 33. Shpg. wt., 3 lbs.

PC-26 2.00 Down Net 22.05



MINIATURE FOTOELECTRIC EQUIPMENT

System consists of Exciter Lamp (M-36 or M-37), Photo-Cell Receiver (M-26 or M-27) and Electronic Relay (Model 66). Detects objects 1" square or more in area at up to 8 ft. distance. Vertically or Horizontally mounted units (see listing below).

(Fig. E) MODEL M-36 AND M-37 EXCITER LAMPS

Small solid aluminum housing. Size: 1 1/4" x 3/4" x 2 1/2". Includes 6' of cable. Power provided from Model 66 Relay unit. Shpg. wt., 3/4 lb.

PC-27 Model M-36 Vertical 2.00 Down Net 20.64

PC-28 Model M-37 Horizontal 2.00 Down Net 20.64

(Fig. F) MODEL M-26 AND M-27 PHOTOCCELL RECEIVERS

Responds to 10,000 counts/min. Housed in same case as Exciter Lamps. With 6' cable. Shpg. wt., 3/4 lb.

PC-29 M-26 Vertical 2.00 Down Net 25.05

PC-30 M-27 Horizontal 2.00 Down Net 25.05

MODEL 66 ELECTRONICALLY OPERATED RELAY

Similar to Fig. A. Handles up to 900 counts/min., 10 amps non-inductive, 5 amps inductive at 110 VAC. Size: 7 1/4" x 5 1/4" x 10 1/4". For 110-120 VAC 60 cycles. Shpg. wt., 10 lbs.

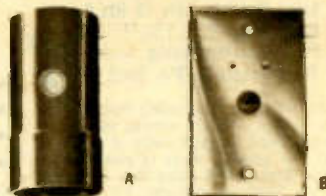
PC-31WX 5.00 Down Net 128.48

(Fig. D) MODEL 5150 BURGLAR ALARM

A 2 unit indoor detection system. Exciter Lamp radiates invisible In'ra red light. Relay unit has key switch. 150' range. Steel cases: 7" x 6 1/2" x 4 1/4". For 110-120 VAC. Shpg. wt., 14 lbs.

PC-32WX 5.00 Down Net 101.43

PHOTO ELECTRIC LIGHT CONTROLS



Automatic electronic controls for turning lights on when at dark and turning lights off when light. Circuit employs selenium rectifier, D.C. relay, cadmium sulfide photo cell and electrolytic capacitor. These controls allow protection of valuable property and the convenience of light when you need it.

MODEL E.C. 15 LAMP POST CONTROL (Fig. A)

Easily mounted between Lantern and 3" lamp post. It will control several lamps—up to 300 watts, 117 VAC. Time delay circuit prevents actuation by passing car lamps. Adjustable sensitivity—for setting turning on and turning off time. Includes hardware and instructions. Shpg. wt., 2 lbs.

PC-50 Net 9.97

MODEL E.C. 16 OUTDOOR LAMP CONTROL (Fig. B)

Fits single outlet box 2 3/4" or deeper. 300 Watt, 117 VAC capacity. Built-in time delay. Adjustable shade shields light cell from undesired artificial light. Durable stainless steel finish. Weather proof. Shpg. wt., 2 lbs.

PC-51 Net 9.23

TRANSISTORIZED RADIO-CONTROLLED GARAGE DOOR OPENER



- Hand Held Transmitter — Carry It In Pocket, Purse or Glove Compartment
- Simple 1 Man Garage Installation
- Fits Overhead Residential Garage Doors Up to 18 Ft. Wide By 8 Ft. High.

Enjoy the convenience and safety of an automatically operated garage door with this fully guaranteed unit by Perma-Power. Eliminates night-time and rainy day hazards by raising or lowering the door and operating garage light from the protection of your car's front seat. System includes the motor mechanism, radio transmitter and receiver, antennas, mounting hardware, wiring, wall switch, etc. Transmitter is crystal-controlled and operates on R/C frequency of 27.255 mc. Transistorized transmitter operates on self-contained inexpensive battery which lasts over a year in normal use. It fits in your hand, requires no installation and may be carried in pocket, purse, or stored in glove compartment. Exclusive coded channel design prevents mis-functioning. Operation is interference free. The 1/4 hp motor will operate one-piece tilt-up or sectional roll-up type doors. One-man installation. Easy step-by-step instructions. Shpg. wt., 65 lbs.

ML-178WX MODEL G-520 Complete R/C system 5.00 Down Net 139.90

ML-179 MODEL G-325 Extra transmitter for second car. Shpg. wt., 1 lb. 2.00 Down Net 24.50

ML-180 MODEL G-511 Key switch for outdoor location. Shpg. wt., 1/4 lb. Net 4.20

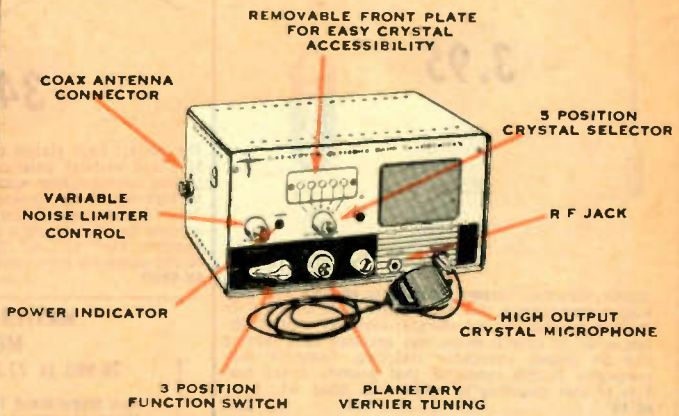
NEW! LAFAYETTE HE-15A 2-WAY SUPERHET CITIZENS BAND TRANSCEIVER!



Completely Wired - NOT A KIT!



MADE IN U.S.A.



CITIZENS BAND — The New Two-Way Personal Communications Method for Everyone — Fill out the FCC form enclosed with each Lafayette Transceiver. No examination or technical knowledge required — Any citizen 18 years or older is eligible for a license.

THE GREATEST VALUE in the CITIZENS BAND FIELD

Just think . . . now you can have economical, efficient 2-way radio communication from your home, office, store, auto, truck or boat . . . literally hundreds of uses. The Lafayette HE-15A Superheterodyne Transceiver is both a compact precision transmitter and receiver designed to operate on the new class D "Citizens Band." Two or more of these units furnish your own communications system covering up to a 20 mile or more radius depending on antenna height and terrain.

The Lafayette HE-15A meets all FCC requirements and operates in much the same manner as police and other short-wave communications systems. The Transceiver features 5 crystal controlled transmitting channels operating at a maximum legal power input of 5 watts fully modulated, RF stage in both transmitter and receiver. The 5 position crystal selector on the front panel selects any one of 5 transmitting frequencies. These 5 crystals are readily accessible by means of a removable front plate. The superheterodyne receiver is tuneable over the full 23 channel band with 3 watts audio output, AVC, and an amazingly effective Full-Wave Variable Noise Limiter. The noise limiter is continuously variable from the front panel for diminishing ignition and other unwanted noise pickup. A new 5 prong microphone jack makes conversion to a push-to-talk relay a cinch. RF jack on the front panel may be used to monitor the current in the final tube using external meter.

Controls include a 3 position function switch (transmit, receive, and transmit with spring return), planetary vernier tuning plus variable noise limiter. Output impedance matches 52 and 72 ohm antenna with Amphenol type coax connector. Has large 4" PM speaker; input jack for crystal or ceramic microphone; power receptacle in rear for AC line and 6 or 12 volt external power supply. Supplied with single transmitting crystal for channel 9, high output crystal microphone, and brackets for easy mounting of units in auto, boat, etc. Operates on 115 volts AC. Addition of 6 or 12 volt power supply (separately supplied) adapts transceiver, for mobile operation. Size 10 1/4" W x 5 1/2" H x 6 3/4" D. Tube complement: 2-6UB8/6EA8, 1-6AL5, 1-6V6, 1-12AX7, 1-6AW8. Shpg. wt., 11 lbs.

HE-15A WX 5.00 Down Net 57.50

POWER SUPPLY: Adapts HE-15A for mobile operation. Complete with cable, 6 or 12 volt vibrator and mounting flanges. Completely enclosed. Size 4 1/4" D x 6 W x 4" H. Shpg. wt., 4 lbs.

HE-16 W For 12 Volts Net 10.95
HE-18 W For 6 Volts Net 10.95

ANTENNA: Base loaded telescoping whip antenna with PL259 coax connector. Mounts directly on rear of cabinet. Ideal for indoor use. Telescopes to only 15". Shpg. wt., 2 lbs.

HE-19 Net 3.95

TRANSMITTING CRYSTALS: For any of the 23 channels. Specify channel or frequency.
HE-830 Net 1.95

ONLY **57.50** Only 5.00 Down

- Outstanding Performance, Design, and Ease-Of-Operation.
- Meets All FCC Requirements

Not Superregenerative but SUPERHET!

COMPLETE 2-WAY COMMUNICATIONS FOR BUSINESS, HOME, FARM, BOAT, AND SPORTS

NOW WITH ADDED FEATURES

- Effective Full-Wave Variable Noise Limiter
- Five Prong Microphone Jack For Easy Relay Addition
- RF Jack on Front Panel

AND

- 5 Crystal-Controlled Transmitting Positions
- Superheterodyne Tuneable Receiver Over Full 23 Channels
- 4 Dual Function Tubes, plus 2 Single Function Tubes, plus 2 Rectifiers for 12 Tube Performance
- Planetary Vernier Tuning
- Complete with Transmitting Crystal for Channel 9

LAFAYETTE ALL-IN-ONE Citizens Band Mobile Antenna



6.95

- Includes—
- CHROME SWIVEL BASE
 - PLUS
 - STAINLESS STEEL SPRING
 - PLUS
 - 102 1/2" STAINLESS STEEL WHIP FOR OPTIMUM 11 METER PERFORMANCE

THE SCOOP BUY FOR CITIZENS BAND MOBILES

Chrome swivel ball mount base designed to be mounted on any surface. Stainless steel spring holds rod in properly adjusted position and prevents rod damage from shocks and blows. Stainless steel whip for maximum resiliency and strength. Shpg. wt., 4 lbs.

HE-800WX Net 6.95

NEW! LAFAYETTE RADIO FIELD INDICATOR

A MUST FOR ALL HAM AND CB OPERATORS

- Continuously indicates transmitter output
- Rugged 200 μ a meter movement
- Requires no Electricity, Batteries, or Transmitter Connection

With this rugged, new radio field indicator you can check performance of your marine, mobile or fixed transmitter. Features a 200 μ a meter movement with variable sensitivity control. Earphones can be plugged in for an aural check of output. Antenna extends from 3 1/4" to 10 3/4". Powerful magnet on bottom plate allows easy mounting on car dashboard or metal surfaces. Use anywhere . . . requires no electricity or batteries. Dimensions: (less antenna) 3 1/2" W x 2 1/4" H x 2" D.

TM-14 Net 7.95
High output crystal earpiece for use with TM-14. MS-439 Net 1.09



LAFAYETTE-HEADQUARTERS FOR CITIZENS BAND ACCESSORIES

LAFAYETTE TELESCOPIC CITIZEN'S BAND WHIP ANTENNA

SENSATIONAL VALUE
IN A DIRECT
MOUNTING CITIZENS
ANTENNA

3.95



Sturdy, attractive chrome plated whip antenna that telescopes from approx. 45" fully extended to only 15" to facilitate portability and storage. Ideal for shorter distances up to several miles. Has enclosed base loading coil for proper impedance matching. Complete with removable PL-259 connector that permits direct top, side or rear mounting to transceiver. Shpg. wt., 1 lb. **HE-19 Net 3.95**

COMPLETE CITIZENS BAND ANTENNA

- Professional-Size Aluminum Swivel Base
- Cadmium Plated Spring
- 102" Stainless Steel Whip
- With 20' RG58/U Matching Cable Plus Gutter Clip

Type M1 antenna consisting of swivel ball mount base designed to be mounted on any surface; spring holds rod in properly adjusted position and prevents rod damage; stainless steel whip made of special alloy for maximum resiliency and strength.

Includes 20' matching RG-58/U cable with coax connector on one end and lugs on other end (HP-52) plus hold-down gutter clip (HE-668). Shpg. wt., 6 lbs. **SP-189WX Net 11.95**

(A) ANTENNA SPECIALISTS 102" CITIZENS BAND WHIP ANTENNA

4.26

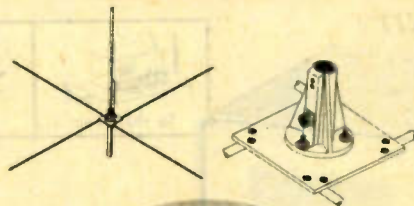
Constructed of a special alloy stainless steel which is tapered, providing an extremely high resiliency and strength. Mounting adaptor has 3/8"-24 thread to fit standard spring or base. 102" long and can be cut to any length. Will bend 90° without harm. Shpg. wt., 2 lbs. **HE-650WX Model M-38 Net 4.26**
(B) WHIP HOLD DOWN GUTTER CLIP Shpg. wt., 4 oz. **HE-668 Model M-4 Net .73**

CABLE ASSEMBLIES FOR CITIZENS BAND EQUIPMENT



These cable assemblies are necessary for connection between Citizens Band Transceiver and Antenna. **TYPE A**—Consists of 20 ft. RG-58/U cable with PL-259 plus UG-175/U on both ends. Required for Ground Plane

MOSLEY V-27-GP GROUND PLANE ANTENNA



34.95

The perfect base station antenna. The 360 degree pattern and vertical polarization provides extremely effective communication with mobiles. Base is constructed of high-impact polystyrene with internal coax fittings. Antenna does not require guying. S.W.R. 1-2 Includes Antenna base mount and 4 radials. Requires 1 1/2" to 1 3/4" OD mast, RG-58/U cable and PL-259 connector termination. Shpg. wt., 20 lbs. **AN-58WX 2.00 Down Net 34.95**

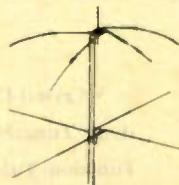
MASTER MAGIC WAND MODEL 811

26.960 to 27.225 MC.

New Magic-Wand Top-Loaded Mobile Antenna mounts on any standard base mount. Designed for mobile use on the new 27 MC Citizen's band. Compact and neat appearing plus provides maximum radiation over all Citizen's band channels. Antenna wound over tapered fiberglass whip for maximum strength. Shpg. wt., 3 lbs. **HE-719WX Net 8.77**

FG103 103" FIBRE-GLASS WHIP FOR 11 METERS—27MC CITIZENS BAND

Completely weatherproof, permanent and rust resistant, corrosion proof. Specially designed flexibility prevents failure due to fatigue or breakage. Safe, permanent insulation prevents burns. 3/8" x 24 thread base fitting with male brass chrome plated fittings. Unique construction makes it extremely flexible while retaining its shape. Shpg. wt., 4 lbs. **HE-729WX Net 6.81**



11.14

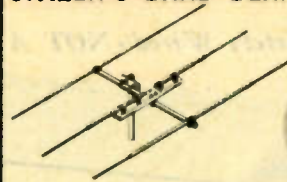
ANTENNA SPECIALISTS M-38 ANTENNA

Isolating skirt for use with Citizen's Band Ground Plane Antenna HE-66WX. Mounts 9 feet (1/4 wave length) below ground plane (i.e. 27 MC). Lowers angle of radiation and minimizes effect of mounting structure. Improves performance of ground plane. Clamps to 1 1/4 inch tubing or 1 inch pipe. Shpg. wt., 4 lbs. **HE-681WX Net 11.14**



and Coaxial and Mobile Antennas terminating in a coaxial jack. Shpg. wt., 8 oz. **HP-51 Type A 20 ft. length Net 2.95**
TYPE B—Same as type A except one end is terminated with PL-259 plus UG-175/U and other end with universal ring type terminal lugs for mobile antennas. Shpg. wt., 8 oz. **HP-52 Type B 20 ft. length Net 2.45**

MOSLEY A-311 3-ELEMENT CITIZEN'S BAND BEAM ANTENNA



37.50

- Durable Light Weight Aluminum
- Delivers the Equivalent Power Input of 40-watts from your 5-Watt Citizens Band Transmitter

Unequaled point-to-point communications for Citizens Band operators. 9.3 db gain over dipole means the effective radiated power is multiplied by 8. This means your 5 watt Citizens Band Transmitter can actually achieve a legal effective power input of 40 watts. Boom is 12' long with maximum turning ratio of 9.5 ft. Requires 1 1/2" mast and RG-8/U or R9-58/U Cable. Lugs are supplied for the other end. Shpg. wt., 30 lbs. **AN-57WX 2.00 Down Net 37.50**

COR AR-22 AUTOMATIC ROTOR FOR CITIZENS BEAM



This heavy-duty rotor unit will handle antennas up to 150 lbs. Simply set the control unit pointer to the desired direction, and the antenna will automatically rotate to this position and stop. Perfect for TV, Ham or Citizen Band application. Rotor unit employs 12 heavy duty ball bearings in two 6 1/2" races. Weather-proof motor reverses instantly and is factory lubricated for life. Reversible clamps on rotor will take masts from 7/8" to 2". O.D. Control unit is marked in compass points. N.S.E.W. NW, NE, SW, and SE. Housed in attractive brown plastic cabinet with rubber feet. Complete with rotor, control unit and instructions. For 110-120 volts 50-60 cps AC. Requires 4 conductor cable. **HE-476WX 2.00 Down Net 32.77**

4-Conductor cable for HE-476WX rotor **WR-24 ea. ft. Net .03; 100 foot length Net 2.39**

MOSLEY LC-100 TELESCOPIC CITIZENS BAND WHIP ANTENNA

- Chrome Plated
- Telescope From 39" to 100"
- Ideal For Mobile Application

A rugged chrome plated four section disguise antenna that telescopes from 39" to 100". Highly efficient, this vertical antenna is ideal for rear fender mounting. Screw threaded bottom fits any standard mobile whip mount. Shpg. wt., 4 lbs. **HE-795 Net 8.50**

INTERNATIONAL CRYSTAL NEW 1960 CLASS "D" CITIZENS BAND CALL AND HANDBOOK



3.95

Approximately 50,000 up-to-date names, addresses and call numbers by districts. Also includes FCC rules and regulations, Radio District Map, Radio messages and call code, and valuable authoritative construction articles for Citizens banders. **BK-1320**

Postpaid in USA Net 3.95
NEW! SUPPLEMENT TO 1960 CALL BOOK. Approximately 50,000 calls issued from January 1, 1960 to July 1, 1960. Latest, up-to-date Citizens Band Info. **BK-1321**

Postpaid in USA Net 3.95
SEE TV ACCESSORY PAGES FOR ROOF, CHIMNEY, WALL MOUNTS AND MASTS.

C B ACCESSORIES FOR ADDED PERFORMANCE AND PROTECTION



HE-587



HE-588

NEW! PHILMORE CITIZENS BAND TRANSMITTER KIT

A value-packed Citizens Band transmitter designed for use in conjunction with the CC-1 converter or any communications receiver. Full five watts plate input—meets all FCC requirements. Six switch-selected channels. Comes with high quality, push-to-talk ceramic microphone. Dual function meter to measure plate input power and modulation. Swivel handle for underdash mounting or as tilt-stand on a desk. Crystals accessible from rear without removing cabinet. Size 3hx9wx8"d. With crystal for channel 12. Less Power supply. (see below). Shpg. wt., 7 lbs. HE-588 2.00 Down Net 39.95

NEW! PHILMORE CITIZENS BAND CONVERTER KIT

This kit provides all the advantages of double-conversion, superhet reception. Simple cable connections between your auto mounted 11 meter antenna, and your car radio allows tuning the Citizens Band. Tunes CB Band from 550 to 820 Kcs on car radio dial — Push-button radios may be preset for specific channels. Does not interfere with Broadcast reception—a flick-of-a-switch on the CC-1 returns your car radio to normal operation. Full RF stage. Size 2hx6wx5"d. Less power supply. Complete with Cabinet, Crystal, Handle bracket, and all cables and plugs. Shpg. wt., 3 lbs. HE-587 Net 16.50

POWER SUPPLIES

A-C. POWER SUPPLY KIT. Companion power supply to CT-1 transmitter and CC-1 converter. Provides antenna changeover relay. Size 4Wx5Hx5"D. Shpg. wt., 7 lbs. HE-585 Net 19.95

12 VOLT DC TRANSISTOR POWERED MOBILE SUPPLY. For mobile operation of CT-1 and CC-1. Utilizes 2-2N234A Power Transistors and 4-Silicon Power Diodes. Antenna changeover relay. Size 4Wx5Hx5"D. Shpg. wt., 7 lbs. HE-586 Net 26.75

JOHNSON AUTO OR MARINE NOISE SUPPRESSOR KIT



- A must for Mobile CB Operators
- 16 Component Parts Plus Wire

An easy to install kit that will effectively suppress ignition noise. Kit consists of 8 spark plug suppressors; 1 distributor suppressor; 1 voltage-regulator suppressor; 4 coaxial capacitors; shielded cable and braid for wiring filter system. All necessary hardware and instructions for installation on any make of car. Shpg. wt., 2 lbs. HE-450 Net 13.50

RG COAXIAL CABLES

These high quality coaxial cables are branded with RG type standard type numbers. Meets specifications outlined by U. S. Government Qualified Products List. R.G. 52-ohm cable is required for Ham and Citizens Band hook-up from the transceiver to antenna.

Stock No.	Type	Impedance	Net Per Ft.
WR-143	RG-8/U	52-ohms	.13
WR-144	RG-58/U	52-ohms	.05
WR-145	RG-59/U	72-ohms	.06

PHILMORE CITIZEN'S BAND CLASS "D" RADIO KIT



3 CRYSTAL CONTROLLED TRANSMIT-RECEIVE CHANNELS FOR BUSINESS/HOME, COMMERCIAL, FARMS, BOATING.

Designed so that anyone can build it without previous electronic knowledge or skill. Receiver and transmitter individually tuned to pre-arranged frequencies. Transmitter crystal controlled with .005% accuracy, and delivers maximum voltage permitted by FCC. Sensitive superregenerative receiver. Has built-in trap to eliminate T.V. interference. Mobile unit operates on 6 or 12 volts DC Interchangeable from cigarette lighter socket. Low, flat, modern appearance makes it ideal for home, office or mobile use. Complete with 5 tubes, one crystal for any of the 3 channels incorporated, microphone, cabinet and appropriate power supply and power cord. Size 10Wx4 1/4Hx10 1/4" Deep. Shpg. wt., 12 lbs.

Model TC11	For 115 Volt AC, less antenna	2.00 Down	Net 39.95
HE-580			
Model TC612	For 6 and 12 Volt DC, less antenna	2.00 Down	Net 44.49
HE-581			
Model TC15	7-Section Whip Antenna with base loading coil, for short range communication.		Net 4.50
HE-582	Shpg., wt., 2 lbs.		

SPRAGUE GENERATOR/REGULATOR FEED-THRU NOISE SUPPRESSORS

These Sprague 3-terminal network feed-thru capacitors act as extremely effective R.F. filters above 2 MC. Eliminates and suppresses the majority of noises due to regulators and generators interfering with 27MC citizens band frequencies. Rated .1 MFD/600 Volts DC 20 Amps.



Sprague 80P3 Feed-Thru Suppressor (Screw Terminals) 1/4" Diam. x 1 1/8" length. Shpg. wt., 4 oz. CG-11 Net 1.74



Sprague 48P8 Feed-Thru Suppressor 1/4" Diam. x 1 1/8" length. Shpg. wt., 4 oz. CG-10 Net 1.53

RF COAXIAL CONNECTORS



Stock No.	Type	Description	Net
SP-174	PL-259	Male conn. For direct connection into transceiver or antenna	.59
SP-175	UG-175/U	Reducer—Adapts PL-259 to RG-58/U Diam.	.16
SP-176	PL-258	Junction Adapter—Accepts PL-259 on both ends for cable extension	.89



EICO CITIZENS BAND TRANSCEIVER KIT

Consists of a 5-watt single channel crystal controlled transmitter and sensitive superhet tunable receiver with RF stage and noise limiter. Easily shifts from any of the 23 citizens band channels simply by changing crystals. A variable "pi" network permits matching to any type of antenna. Accepts a directly attached base-loaded portable whip. Supplied with built in speaker crystal and ceramic microphone (Antenna is not supplied). Aluminum front panel and brown steel cover 6x8 1/2x9". Shpg. wt., 12 lbs.

HE-321WX 760 Kit	117 VAC 60 cycle (less bracket)	5.00 Down	Net 59.95
HE-322WX 760	Factory Wired	5.00 Down	Net 89.50
HE-317WX 761 Kit	117 VAC and 6 VDC	5.00 Down	Net 69.95
HE-318WX 762	Factory Wired	5.00 Down	Net 99.95
HE-319WX 726 Kit	117 VAC and 12 VDC	5.00 Down	Net 69.95
HE-320WX 762	Factory Wired	5.00 Down	Net 99.95

NEW! LAFAYETTE TRANSISTORIZED FIELD STRENGTH METER

ELIMINATES GUESSWORK FROM ANTENNA TUNE-UP

ONLY

14.95

- Professional type FS meter
- Enables increase of signal strength
- Earphone jack to monitor audio
- Can be used remote from antenna



Now you can obtain maximum power output, for maximum talk-power signal strength, from your Citizens Band Transmitter. In view of the 5 watt legal input, it is important to get maximum power from your antenna. The Lafayette Transistorized Field Strength Meter enables you to tune your antenna and transmitter for maximum output. It eliminates any doubts as to antenna efficiency. Operating power is obtained from an inexpensive 1 1/2 volt flashlight battery enabling you remote from the antenna. Battery-life is exceptionally long, approaching "shelf-life." Field Strength read on a clearly marked milliammeter. Comes with a jack for insertion of an earpiece for monitoring audio quality of your transmitter. In an attractive metal cabinet with meter, telescoping antenna, battery and all parts. Shpg. wt., 2 lbs. TM-16 Net 14.95

High output crystal earpiece for use with TM-16. MS-439 Net 1.09

GENERATOR NOISE FILTER

- Adjustable
- Simple to install



Eliminates whining and grinding noises created from generator brushes. Enables quiet receiver operation for Citizens Band, Amateur and Industrial frequencies. Standard frequency range 3-30 mcs. Installs quickly by removing nut from generator output terminal and installing bracket. Shpg. wt., 1 lb. HE-841 Net 2.95

CITIZENS BAND CONNECTOR ADAPTERS



29-786 ADAPTER

Adapts an SO-239 Socket to a Standard auto radio (Motorola type) socket. HP-53 Net .44

29-782 ADAPTER

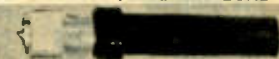
Adapts a PL-259 Plug to a standard auto radio (Motorola type) plug. HP-54 Net .44

BLITZ BUG LIGHTNING PROTECTOR



Designed to fit any standard coaxial cable, the "Blitz Bug" employs the spark gap principle to eliminate static build up on coaxial cables. Provides a constant drain off, reducing chances of a direct lightning strike and in many cases eliminating noise problems. Constructed of 3/4" O.D. Brass by 2 1/4" long. Employs one PL-259 plug and one DKCB connector (takes PL-259 plug). Shpg. wt., 1 lb. HP-50 Net 3.95

PHANTOM ANTENNA LOAD

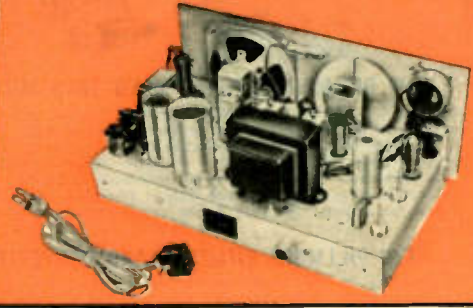


A 52 ohm non-inductive antenna load. Ideal for testing and repairing citizens band transceivers. Can be used as coax line terminator. Power rating adequate for any 5 watt Citizens Band transceiver. Enables compliance with FCC regulations regarding tune-up and adjustment of transceivers. Shpg. wt., 1 lb. HE-842 Net 1.49

NEW! LAFAYETTE HE-20 CLASS D Deluxe CITIZENS BAND TRANSCEIVER



EXCELLENT FOR BUSINESS, FARM, INDUSTRY,
CAR, BOAT, PERSONAL AND SPORTS USE



CITIZENS BAND — The New Two-Way Personal Communications Method For Everyone — Fill out the FCC form enclosed with each Lafayette Transceiver. No examination or technical knowledge required — Any citizen 18 years or older is eligible for a license.

Not A Kit

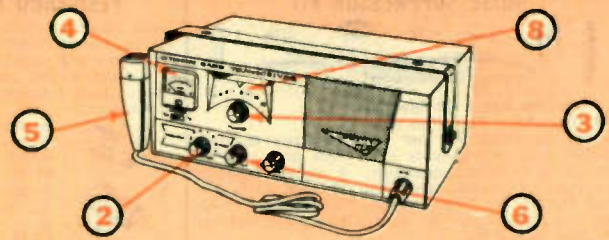
COMPLETELY WIRED!

SUPERB PERFORMANCE AND QUALITY! MUCH BETTER THAN UNITS COSTING FAR MORE!

LOOK AT THESE QUALITY FEATURES

- 1 14 Tube Performance
- 2 4 Crystal-Controlled Transmit Positions
- 3 4 Crystal-Controlled Receive Positions Plus Tuneable Receiver over all 23 channels
- 4 "S" Meter with Switch To Measure Signal Strength and To Check on Wattage Input to Final
- 5 Dependable Push-To-Talk Ceramic Microphone & Relay
- 6 Adjustable Squelch Control
- 7 Highly Effective Automatic Series Gate Noise Limiter
- 8 Illuminated Dial
- 9 Built-In 12 Volt Power Supply For Mobile Use
- 10 Comes Complete with Matched Crystals For Channel 9

HE-20 COMPLETELY WIRED
99.50 ONLY
5.00 DOWN



WITH Foolproof Dependable Relay Switching As Found In Most Expensive Equipment. NOT Electrical Switching With It's Voltage Hazards. NOT Electronic Switching With Inefficiency Due To Tube and Parts Deterioration.



For The Home



For Business



For Cars and Trucks

Quality engineering, design, and features give this Deluxe transceiver a place all-its-own in the Citizens Band Field. Incorporating features found only in much more expensive units, the Lafayette HE-20 was designed to meet the most stringent operating requirements of industrial and personal CB operators. Operating within the limits prescribed by the FCC, the HE-20 supplies you with a highly efficient 2-way radio-telephone communications system from your office, truck, auto, boat, store, home, etc. Two or more of these transceivers will serve as an effective communications system over a distance of up to 20 miles or more, depending on the terrain over which you are operating and the height of the antenna.

3 dual function tubes, 1-Quadri-purpose tube, 3 tubes, and 2 Silicon rectifiers give 14 tube performance. The transmitter section features precision engineering to insure power-packed communications. The 5 watt-input crystal-controlled transmitter may be operated on any 4 of the 23 channels assigned by the FCC. The operating channel can be selected by a knob on the front panel (transmitter comes with pair of crystals for channel 9). The performance-loaded receiver circuits provide for 4 crystal controlled receiving channels plus a tuneable superheterodyne receiver that covers all 23 assigned channels, with a sensitivity of 1 microvolt. An effective built-in Squelch circuit quiets the receiver when no signal is being received. Incorporation of a time-proven Series Gate Noise Limiter materially reduces ignition noise and other unwanted interference. An illuminated dial with planetary vernier tuning, that is clearly marked with the channel numbers and lights up when tuned to any channel is only one deluxe convenience provided for simple operation.

The receiver terminates in 4" speaker amply supplied by a 2-watt audio power output section. The unit comes complete with a push-to-talk ceramic microphone and a bracket for convenient mounting to the side of the transceiver when not in use. Push-to-Talk operation is accomplished with a sturdy, dependable relay. This eliminates the dangers of high voltages encountered in electrical switching and the inefficiency due deterioration of tubes and components encountered with electronic switching.

An "S" meter calibrated in S units 1-9 and to 30 db. above S-9, allows measurement of incoming signal strength. The meter is wired with a switch to enable monitoring of final amplifier wattage. A low-loss antenna jack is mounted at the rear of the cabinet to accept the popular PL-259 connector used with dipole, ground plane, rod, and direct mounting (Lafayette HE-19) Antennas. Comes in a rugged, low silhouette case with a bracket handle for installation at any location and in any position. Tube line up 1-6AW8A, Oscillator/Amplifier; 1-6BA6, RF Amplifier; 1-6BA6 1st IF Amplifier; 1-6BE6, Converter 1-6E8B, 2nd IF Amplifier and 1st Audio Amplifier; 1-6AQ5 Audio Output/Modulator; 1-6T8, ANL, Detector, AGC, Squelch Clamp and 2nd Audio Amplifier. Size 12x5x8 1/2" D. With 115 Volts AC/12 Volts DC Power supply. Shpg. wt., 14 lbs.

HE-20 WX 115 Volts AC/12 Volts DC 5.00 Down. Net 99.50	
Transmit Crystal (Specify Channel or frequency)	
HE-21	Net 2.95
HE-22 Receive Crystal (Specify Channel)	Net 3.25
Direct plug in antenna for short distance communications. Shpg. wt., 1 lb.	
HE-19	Net 3.95

LAFAYETTE'S EXCLUSIVE CITIZEN'S BAND EQUIPMENT SAVES YOU MORE AND SERVES YOU BETTER

LAFAYETTE FOR CITIZENS BAND VALUES

GLOBE CB-200 BROADCASTER DELUXE



SEE PAGES 184—185 FOR FREE ANTENNA OFFER WITH PURCHASE OF THE FOLLOWING CITIZENS BAND EQUIPMENT

- Four Crystal Controlled Receive Positions and Tuneable Receiver
- Five Crystal Controlled Transmitter Channels
- Dual-Conversion Receiver To Reduce Interference
- For Fixed and Mobile Operation—Built-in 6 or 12V Supply Plus 115 VAC.

The CB-200 incorporates all the features and versatility desired by the commercial user. The receiver is crystal controlled on 4 channels and changes to tuneable, over all 22 channels; in the 5th position. Dual conversion in the receiver provides high image rejection and high selectivity. Newly designed noise limiter circuits. Sensitivity is greater than 10 db. Signal to Noise with one micro-volt input. Adjustable squelch. Transmitter features push-to-talk operations with input of 5 watts to final RF stage with 5 channels. Power output is in excess of 3 watts. Microphone has retractable coil cord and removable plug. Size: 4x12x10". Shpg. wt., 13 lbs.

ME-606WX For 115 Volts AC and 12 VDC	5.00 Down	Net 179.95
ME-611WX For 115 Volts AC and 6 VDC	5.00 Down	Net 179.95
ME-608 12 Volt Cable and plug for mobile operation		Net 3.49
ME-607 6 volt cable and plug for mobile work		Net 2.95
ME-609 Matched crystals (Specify channel)		Net 6.95

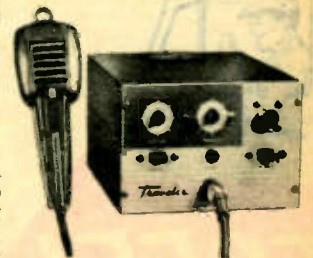
GLOBE CB-100 CITIZENS BROADCASTER



A ten tube receiver/transmitter crystal controlled on any 3 channels. Channel can be selected from the front panel. The superhet receiver contains 7 tubes with a 1680KC IF for high image rejection. Employs noise limiter and squelch circuits for quiet operating. Transmitter input 5 watts, meets all FCC requirements. Comes complete with 115 VAC and 6 or 12 VDC power supply. Includes matched set of crystals for one channel and push-to-talk microphone. Size 3 1/2 x 13 x 10 1/2". Shpg. wt., 13 lbs.

ME-600WX 115 VAC/12 VDC	5.00 Down	Net 129.95
ME-602 12 Volt cable and plug for mobile operation		Net 3.49
ME-612WX 115 VAC/6 VDC	5.00 Down	Net 129.95
ME-605 6 volt cable and plug for mobile operation		Net 2.95
ME-604 Matched Set of crystals (Specify channel)		Net 6.95

INTERNATIONAL CRYSTAL TRAVELER CB TRANSCEIVER



- Completely Transistorized
- Built-In Rechargeable Extra Long-Life Nickel Cadmium Battery
- Built in Battery Charger
- 15 Transistors
- Dual Conversion Receiver

A completely new truly portable, all transistor Transceiver for the Citizens Radio Service. The "Traveler" utilizes 15 transistors to provide maximum "talk-power" and reception. Special High Frequency transistors are employed in the transmitter circuit for high efficiency. Receiver is a dual conversion superheterodyne type with High Frequency Transistors in the RF stages. Transmitter and receiver are crystal controlled with either of 2 channels selected from front panel. Contains a built-in speaker plus a separate phone jack. An effective noise limiter and squelch reduce unwanted noise. Powered by rechargeable Nickel Cadmium Batteries that outlast conventional rechargeable batteries by 20 times. Comes with built-in battery charger, batteries, microphone, 2 sets of crystals, whip antenna, carrying strap, and mobile mounting bracket. Size 4x6x7 1/4". Shpg. wt., 8 lbs.

ME-467WX 10.00 Down Net 249.50

115 VOLT AC MODEL

The Traveler is also available as a 115 volt AC transistor model. Contains all the features found in the battery powered model with the exception of the power unit. Enclosed in a smartly styled hand finished wooden case. Comes with 2 sets of crystals and microphone. Shpg. wt., 8 lbs.



ME-468WX 5.00 Down Net 199.50

Additional CRYSTALS FOR TRAVELER UNITS

Transmitter crystals for additional channels (Specify channel or frequency)		Net 4.75
ME-469		Net 4.75
Extra receiver crystals (Specify channel)		Net 4.75
ME-470		Net 4.75

FREE ANTENNA OFFER ON THIS PAGE APPLIES ONLY TO GLOBE CB-100, CB-200 AND INTERNATIONAL CRYSTAL "TRAVELER"

TRANSISTORIZED CLASS D PORTABLE POCKET TRANSCEIVERS

NO LICENSE OR PERMIT REQUIRED-NO FORMS TO FILL OUT

OSBORNE DUO-COM 100

- High Impact Plastic Case
- External Speaker-Mike Jack
- Leak-Proof Battery Compartment
- 10 Transistors • Crystal Controlled Transmit-Receive

A ruggedly constructed transceiver for industrial and personal use. Features 10 Transistors in transmitter-receiver circuits. The receiver is a double conversion superhet with crystal filter IF amplifier and 150 mw. Class B audio output stage. Sensitivity is 1 uv for 10 db S/N ratio. The crystal controlled transmitter meets all FCC specifications with an input of 100 mw. Comes complete with telescoping antenna and an antenna jack for use of an external antenna. Can be used for communications over distances of up to one mile under average conditions, up to 10 miles over water with no obstructions. Comes complete with crystals for channel 9. Less batteries. Shpg. wt., 2 lbs.

ME-840	5.00 Down	Net 99.50
1 1/2 volt batteries for above transceiver. (8 required)		
BA-309		Net each .08

GLOBE "POCKETPHONE"

- Crystal Controlled Transmit-Receive
- Handy Paging System
- Small, Compact—Fits in Pocket
- 9 Transistor, 1 Diode, and 1 Thermistor

New portable high styled two-way radio that actually fits in your pocket. Utilizes 9 transistors, 1-diode and 1-thermistor for transmitter/receiver circuits. The receiver features: low noise frequency converter; 2-IF stages, Diode detector, Push-pull audio output stage, up to 110 mw output; temperature compensating thermistor, 1 microvolt input produces 50 mw audio output. Operates on a rechargeable Nickel Cadmium battery that lasts one year under normal operating conditions. Features a built-in ferrite antenna for paging use and a telescoping antenna for longer ranges. Comes complete with battery and crystals. Size 1 1/2 x 2 1/4 x 6 1/4". Carrying weight 13 oz. Shpg. wt., 3 lbs.

ME-610	5.00 Down	Net 125.00
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ELECTRO-VOICE RME MODEL 4303 CITIZENS PORTABLE TRANSCEIVER

- Range 1/2 to 1 mile • Crystal Controlled Transmit
- Tuneable receiver over all 22 channels

Hand-held completely transistorized "walkie-talkie" type radio transmitter and superheterodyne receiver for short range communication in the 11 meter citizens band. Complies with Part 15 FCC Rules and Regulations and requires no license or permit. Excellent for sportsman, surveyors, short-range industrial applications, etc. Employs 7 transistors and one diode. Complete with whip antenna and 2-6 volt batteries. 9 1/2 x 3 1/4 x 1 1/2". Shpg. wt., 2 lbs.

ME-620WX	5.00 Down	Net 99.50
BA-109 Extra Burgess Z4 Battery (2 required). Shpg. wt., 4 oz.		Net Ea. .70

KAAR TR-330 HAN-D-PHONE WITH SQUELCH

- Crystal Controlled Transmit-Receive
- Exclusive battery-saver circuit • Push-to-Talk Operation

The HAN-D-PHONE is designed for portability but is sturdy enough to withstand rugged industrial use. Utilizes 8 transistors plus 3 diodes in transmitter/receiver circuits. The transmitter is crystal controlled with an input of 100 milliwatts (under part 15 of FCC regulations). Built-in squelch permits quiet operation. Comes complete with crystals for one channel and a built in antenna. Less batteries. Shpg. wt., 3 lbs.

ME-564 5.00 Down Net 129.50

BATTERIES FOR HAN-D-PHONE

Standard Pentlight Z Cells (8 required) provide a battery life to 40 hours.

BA-155	Net each .13
Rechargeable Nickel Cadmium Battery (9 required). Provides up to 3000 hours of battery life.	
BA-254	Net each 1.93

ACCESSORIES FOR HAN-D-PHONE

ME-565 Leather carrying case	Net 12.00
Additional matched crystals to change channel. Meet Mil Spec CR23U. (Specify Channel).	
ME-566	Per Set Net 12.50



IT'S LAFAYETTE for POPULAR 11

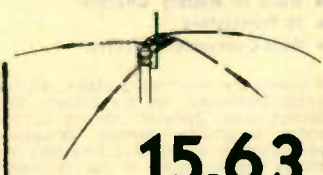
FOR BUSINESS, INDUSTRY, CARS, BOATS,

23 recently assigned radio channels within the 26.965 to 27.255 megacycle range (11 meters) make possible 2-way communications in a great number of business and

ANY ONE OF THESE CITIZENS BAND ANTENNAS FREE FIXED



FREE!



15.63

GROUND PLANE ANTENNA

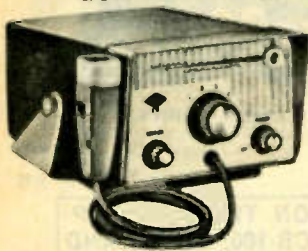
Solid aluminum 108 inch heat-treated radials and radiator. Elements supplied in two 54 inch lengths joined by threading coupling nuts. Radials droop for 50 ohm match. Accepts 1/4 inch tubing RG-58/U cable and PL-259 connector. Shpg. wt., 4 lbs.
HE-661WX Net 15.63

COAXIAL ANTENNA

14.95

Full half wave length for maximum performance. Seamless aluminum tubing with all aluminum construction. Rugged main support is cast aluminum. Accepts RG-59/U or RG-58/U cable with PL-259 termination. 15 ft. 1/4" TV masting or 12 ft. aluminum tubing required for support. Overall height 17'6". Shpg. wt., 5 lbs.
HE-804WX Net 14.95

GONSET G-12 MULTI-CHANNEL 2-WAY CITIZENS BAND RADIO



- 4 Crystal Controlled Transmit and Receive Channels
- Adjustable Squelch
- Transmitter Tuning Indicator

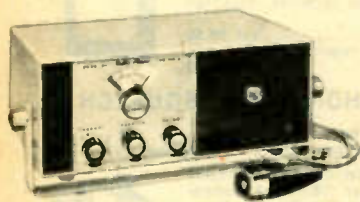
Features press-to-talk switch on microphone, noise limiter, built-in speaker and adjustable squelch. Resistant to moisture. Tube complement: 6CX8 (OSC-Doubler-Final); 6AUG (RF); 6U8A (Osc-Mixer); 6BH6

(1st IF); 6BA6 (2nd IF); 6AV6 (Det — 1st audio); 6AL5 (ANL — adjustable Squelch); 6BQ5 (Audio Output/Mod.). Complete with push-to-talk ceramic microphone, universal desk stand/mobile mounting bracket, and transmit and receive crystals for one channel. 4 1/2"x7"x10"D. Shpg. wt., 13 lbs.
HE-537WX Model 3316 For 117VAC/12VDC 5.00 Down Net 149.95
HE-539WX Model 3329 For 117VAC/6VDC 5.00 Down Net 149.95

Gonset G-11 single channel crystal controlled transceiver. Complete, with press-to-talk microphone and set of transmit-receive crystals. Shpg. wt., 10 lbs.

- HE-527WX Model 3303. For 115VAC 5.00 Down Net 124.50**
 - HE-528WX Model 3304. For 12VDC 5.00 Down Net 124.50**
 - HE-529WX Model 3305. For 6VDC 5.00 Down Net 124.50**
- Model 3297 Mobile Antenna Cowl loaded whip. Shpg. wt., 2 lbs.
HE-531 Net 13.50

NEW! RCA MARK VII 27 MC CITIZENS BAND RADIO PHONE



- Push-to-talk Ceramic Microphone
- Built-in Squelch Control
- Illuminated Tuning Dial
- 4 Crystal Controlled Transmitting and Receiving Channels
- 23 Channel Tuneable Receiver

Features a highly selective super-heterodyne receiver and crystal-controlled 5 watt transmitter. Choice of same-frequency operation on any of 4 preselected channels or transmission on one of these four channels and reception on any other channel in the band. Receiver has squelch, automatic noise limiter, and 1 microvolt sensitivity (at 6 db

signal to noise ratio), 2 watts of audio output into the 4" built-in speaker assure audibility of stations above engine noise and wave slap. Transmitter range is up to 20 miles depending on terrain and antenna height. Tube complement: 1-6AW8A, 2-6BA6, 1-6BE6, 1-6EA8, 1-6T8, 1-6AQ5. Trunnion mount and bracket for mounting in any location, any position. Charcoal and light grey metal case. Complete with microphone and holder, mounting bracket and one transmitting and receiving crystal. 12x5 1/2"x8". Shpg. wt., 14 lbs. For 115VAC/12VDC operation.
HE-637WX 5.00 Down Net 189.50

For 115VAC/6VDC operation. **HE-638WX 5.00 Down Net 189.50**
Extra set of transmitting and receiving crystals. Specify channel or frequency.
HE-639 Net 10.00

INTERNATIONAL CRYSTAL "EXECUTIVE" CITIZEN BANDER



- 3 Crystal Controlled Transmitting Positions
- 2 Crystal Controlled Receive Positions
- Dual Conversion Superhet Receiver Tunes All 22 Channels
- Push-To-Talk Operation

The International Crystal "Executive" class D Citizen band transceiver features crisp and clear full modulation. Has 11 tubes, 4 of which are multi-purpose, and one diode, resulting in 16 tube performance. High impedance or carbon microphone input. Normally supplied with one transmit crystal for channel 9; 2 additional transmitting and 2 receiving positions available for any of the 23 channels. Operates on 115V AC, 6V DC and 12V DC. Supplied with power cord for 115 Volt operation and with press-to-talk ceramic microphone; power cords for 6V DC and 12V DC available separately. Has attractive case for easy fixed station and mobile installation. Size 6x9x10" deep. Shpg. wt., 15 lbs.

- HE-460WX 5.00 Down Net 169.50**
- HE-461 Power Cable for 6 Volt Operation Net 7.50**
- HE-462 Power Cable for 12 Volt Operation Net 7.50**
- HE-463 Transmit Crystal (Specify Channel or Frequency) Net 4.75**
- HE-464 Receive Crystal (Specify Channel or Frequency) Net 4.75**
- HE-465 Mobile Mounting Rack Net 9.95**

VOCALINE ED-27M "COMMAIRE" 4 CHANNEL CITIZENS BAND RADIO



- Crystal Controlled — 4 Channel Transmit, 4 Channel Receive.
- Double Conversion Superhet Receiver
- Noise — Immune Patented Squelch Circuit
- Transistorized Power Supply
- Transmitter — 5 Watt Input; 3 Watts Output

Specifications — Sensitivity: 0.3 microvolts. Selectivity: ± 5KC at points 6 db down; Audio Output: 4.5 Watts. Uses 10 tubes. 6 or 12 Volt transistorized power supply. Rugged, heavy gauge, attractive, salt water resistant steel cabinet 5 1/4 x 9 1/4 x 8 1/4" deep. Shpg. wt., 12 lbs. Complete with crystal for one channel, push-to-talk microphone, hanger, universal mount, antenna loading light and AC/DC power cords.

- HE-253WX 115VAC/6VDC 5.00 Down List 189.50 Net 151.00**
- HE-254WX 115VAC/12VDC 5.00 Down List 189.50 Net 151.00**
- XD-2 Extra crystal for ED-27M. Specify channel or frequency and transmit or receive. List 5.00 Net 4.00**
- HE-255 List 5.00 Net 4.00**

METER CITIZENS BAND TRANSCEIVERS

FARM, SPORTS AND PERSONAL USE

personal applications. Station license is easy to obtain — merely fill out single FCC form (supplied) . . . no exam or special skill is required.

WITH PURCHASE OF ANY TRANSCEIVER ON THESE PAGES.



MOBILE

**MOBILE REAR COWL
MOUNT ANTENNA
18.52**

Complete Antenna Kit for rear deck or side mounting. Consists of cadmium plated base, special alloy cadmium plated spring, 102" stainless steel whip, cable and gutter clip. Furnished with 20 ft. RG-58/U cable having PL-259 connectors on both ends. Shpg. wt., 6 lbs.
ME-674WX Net 18.52

**BUMPER MOUNT
ANTENNA
15.95**

Adaptable to virtually all American and Foreign cars. Includes double bumper mount with cable terminals, cadmium plated spring 102" stainless steel whip, 20 ft. of RG-58/U cable with PL-259 connector on one end, solder lugs on the other, and whip hold-down clip. Shpg. wt., 5 lbs.
SP-198WX Net 15.95



NEW! POLY-COM II DELUXE CITIZENS BAND TRANSCEIVER

- Dual Conversion Superheterodyne Receiver
- Adjustable Squelch
- Automatic Volume Control
- All-Electronic Transmit-Receive Switching
- 4 Crystal Controlled Transmit Channels
- 4 Crystal Controlled Receive Channels



A rugged, reliable, compact 4-channel transceiver in the field, on vehicles, planes, boats and in the office or home. Precision engineered and tested to give professional performance; super sensitive dual conversion superhet receiver, adjustable vacuum tube squelch circuit; delayed automatic volume control, floating series gate-type noise limiter, built-in carrier and modulation indicator, built-in harmonic suppression filter, 3 full watts audio output, minimum of 2.5 watts power output to antenna, separate mike pre-amp and oscillator. Adjustable antenna matching for 52 or 72 ohms Weatherproof 4" speaker, cadmium plated steel weatherproof case and chassis, all-electronic changeover from transmit to receive. Unbreakable metal encased carbon microphone has press-to-talk button. Retractable coil cord keeps mike handy. 11 tubes of which 5 are dual purpose for 16 tube performance. Comes complete with crystals for one channel, universal mounting bracket, AC line cord, DC line cord, microphone, mike brackets, set of instructions. Size 11x7½x5". Shpg. wt., 15 lbs.

HE-295WX 115VAC/6VDC 5.00 Down Net 179.50
HE-296WX 115VAC/12VDC 5.00 Down Net 179.50
HE-297 Matched Transmit/Receive Crystals (Specify Transmit Frequency) Per pair Net 6.00

JOHNSON VIKING "MESSENGER" CITIZENS BAND TRANSCEIVER



- 5 Crystal Controlled Receiving Channels
- 5 Crystal Controlled Transmitting Channels
- Push-To-Talk microphone
- Built-in squelch

Designed for reliability and easy installation in your home, business, location, car, truck or boat. Excellent receiver sensitivity and selectivity. Built-in squelch, Automatic Volume Control and Automatic Noise Limiter. Transceiver has 10 tubes (including rectifier). Compact modern styling — 5½Hx7Wx11½"D. Complete with tubes, push-to-talk microphone, and crystals for one channel. Shpg. wt., 15½ lbs.
HE-447WX Model 242-128 115VAC/12VDC 5.00 Down Net 144.95
HE-448WX Model 242-127 115VAC/6VDC 5.00 Down Net 144.95
HE-451WX Model 242-126 115VAC 5.00 Down Net 134.95
Crystals in Matched Pairs for Channels 1 thru 23 (Specify Channel).
HE-449 250-901 thru 250-923 Per pair Net 7.95

RADSON CITIZENS BAND AUTOMOTIVE & MARINE RADIO-PHONE



- Calling Buzzer — "Push-to-Call" Button Buzzes Your Party When You Want to Talk.
- Dual Channel — You Can Add a Second Channel at Any Time.
- Signaling Circuit — Provides for Easy Attachment of Auxiliary Horn, Bell or Light.

Now you can have a complete 2-way communication system between yourself and any number of cars or trucks . . . between yourself and your office or home, if you are in the vehicle. Also talk boat to shore, or between boats. You transmit and receive with a familiar telephone-type handset—more convenient, more private, more trouble-free, less disruptive in an office. Other features: automatic noise limiter; universal mounting bracket enables units to be mounted anywhere; auxiliary-connections (3 ohm output for external speaker and normally open contacts for external signaling devices); retractable phone cord. Takes PL-259 antenna termination. Finished in grey-green with nickel trim. 9½Wx4½Dx6"H.
Model RP-115. Base Unit. Complete with crystals for one channel. For 115 VAC. Shpg. wt., 10 lbs. 5.00 Down Net 169.95
Model RP-612. Mobile Unit. Complete with crystals for one channel. For both 6 and 12 VDC. Shpg. wt., 9 lbs. 5.00 Down Net 179.95
HE-570WX 5.00 Down Net 179.95
PA-23. Second-Channel Crystals. Specify channel desired. Net per pair 0.00
HE-572 Net per pair 0.00
PA-25 Alternate Handset Hanger. Mounts on dash, wall or on end of Radio Phone. Net .95
HE-573

KAAR CLASS D CITIZENS BAND TRANSCEIVER

- Four Channel Operation; Crystal Controlled on Transmit and Receive
- Positive Squelch Control
- Signal Level Meter
- Automatic Volume Control

The new KAAR Model TR326 meets all requirements for 11 meter Citizens Band operation. Features include: a five-watt transmitter, an Antenna Loading Control on front panel, automatic noise limiting, choice of any four channels of the 23 available, highly selective receiver circuits, RF Gain Control, and a front-panel meter instead of the usual indicator light. Available in 12VDC & 117 VAC models (6VDC available shortly). Finished in black and off-white. Complete with push-to-talk microphone, two crystals, FCC regulations and licensing forms and technical instructions. Tube Complement: 1-6BJ6, 1-6U8A, 1-6BA6, 2-6BJ7, 1-12AX7, 2-6AQ5, 1-12AV7; Double-function tubes give set the equivalent of 17 tubes. Size: 8¾x5x8". Shpg. wt., 12 lbs.
Model 117TR326. For 117 VAC. With set of crystals for one channel. Net 170.00
HE-561WX 5.00 Down
Model 12TR326. For 12VDC. With Mounting Hood and set of crystals for one channel. Net 179.00
HE-560WX 5.00 Down
Model 6TR326. For 6 VDC With Mounting Hood and Set of Crystals for one channel. Net 178.00
HE-563WX 5.00 Down
CR 18/U Crystals (Specify Frequency). Per Set Net 12.50
HE-562





SX-101A



SX-100



HT-33A



SR-34



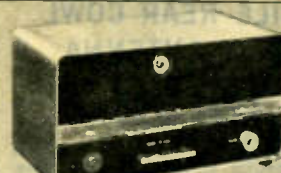
SX-111



HT-37



S-94



CB-1



HA-1

SR-34 TWO AND SIX METER TRANSMITTER-RECEIVER

• A COMPLETE VHF STATION • OUTPUT 6-7 WATTS ON 2M • OUTPUT 7-10 WATTS ON 6M • FOUR CRYSTAL CONTROLLED TRANSMIT POSITIONS
A complete 2 and 6 meter station in one compact package. The ideal unit for fixed, mobile or portable operation. Comes with built-in 115 VAC power supply plus a 6/12V transistorized power supply for mobile operation. The SR-34 is truly a versatile unit allowing crossband operation at the flick-of-a-switch. The dual conversion receiver features a crystal controlled second oscillator for extreme stability. Separate RF and oscillator stages are employed on each band. The S-meter, BFO, ANL, and squelch make for topnotch performance. Oscillators are voltage regulated for optimum performance.

The transmitter features 4 crystal controlled channels, with each channel (crystals not supplied) selectable from the front panel, plus a fifth position for an external VFO. Power output — 6 meters, 7-10 watts; 2 meters, 6-7½ watts. Tuning range 143.5 — 148.2 MC and 48.8 — 54.2 MC. Utilizes 15 tubes, two power transistors, 4-silicon diodes, plus voltage regulator. Comes with collapsible antenna. Size 8½x14½x4 13%”D. Shpg. wt., 40 lbs.

HE-115WX 10.00 Down Net 495.00

AC Model. Same as above less cabinet cover and antenna. For 115 VAC only. Shpg. wt., 38 lbs.

HE-122WX 10.00 Down Net 395.00

HT-37 SSB EXCITER/TRANSMITTER

- 70-100 Watts PEP OUTPUT
- AM-CW-SSB OPERATION

The HT-37 is a completely self-contained 70-100 watt transmitter that may be operated “backfoot” or used as an exciter for most high-power linear amplifiers. Features a highly stable VFO employing double reduction disc drive, calibrated on all amateur bands, making operation a pleasure. Utilizing 2-6146 tubes in the final stage, the HT-37 is rated at 70-100 watts PEP output for SSB/CW and 17-25 watts carrier on AM phone. Sideband suppression is 40 db at 1000 cps for clear sounding signals. Provision is made for an instant CW CAL signal from any transmitting mode. Utilizes the same voice control circuitry as found in the HT-32A Transmitter for ease-of-operation. Final stage operates at low power in standby position for optimum cooling and trouble-free performance. Size 9½x18½x16¾”D. For 105-125 volts, 50-60 cps AC. Shpg. wt., 86 lbs.

HE-120WX 10.00 Down Net 450.00

MODEL S-94 FM COMMERCIAL RECEIVER

Standard model of Hallicrafters' new FM receivers designed for police, fire truck, taxicab, railroad, bus and other industrial or emergency operation. Features minimum drift, high signal to noise ratio, high sensitivity, standby squelch system, low oscillator radiation, phone tip jacks for headphone operation. Employs 8 tubes plus rectifier to yield 1.5 volts audio output to 5” P.M. speaker, on a sensitivity of 1.5µ volts. Has logging scale and service channel indications. Operates 105/125V, 50/60 cycle AC or DC. Comes in gray steel cabinet; size 12½x7x7¼”. Shpg. wt., 13 lbs.

HE-103 30-50 MC 5.00 Down Net 64.95

HE-104 Model S-95 152-173 MC 5.00 Down Net 64.95

MODEL CB-1 CITIZEN BAND TRANSCEIVER

- NO LICENSE REQUIRED • FOR FUN; FOR BUSINESS
- COMPLETE STATION, READY TO GO “ON THE AIR”

This high performance two-way Citizen Band radio-telephone station meets F.C.C. specifications for Class D Service. Modulation is a full 100%, and can be monitored by built-in magic eye indicator. Transmitter section separately shielded, and special built-in low pass filter to eliminate T.V.I. R.F. filters on power line. Receiver has R.F. stage, crystal controlled oscillator, 2 I.F.'s, series noise limiter, adjustable squelch, powerful 2 watt audio amplifier to built-in speaker. Head phone/speaker switch for privacy when desired. Rugged, reliable bar-type press-to-talk switch. Plug-in high gain ceramic microphone included with two precision quartz crystals installed for Channel 11. Nine tubes, plus rectifier and magic eye. Power consumption, 117 volts AC, 65 watts. Gray steel cabinet with silver trim. Size 13½x6½x8¼”D. Shpg. wt., 17 lbs. HE-110WX Less Antenna 5.00 Down Net 129.95 Same as above but with antenna.

HE-111WX 5.00 Down Net 139.95

SX-111 RECEIVER

- Super Value Quality With Economy

A value packed ham band receiver for AM/CW/SSB reception possessing many features found only in more expensive units. Covers the 80,40,20,15, and 10 meter amateur bands plus a 6th band for 10 mc WWV reception. This 10 mc position allows reception of time signals in addition to providing an accurate check of the 100 kc crystal calibrator. Sensitivity — 1 µv on all bands. Selectivity variable in 5 steps from 500 to 5000 cps. In addition this receiver offers the double conversion, so essential on the amateur bands. Employs effective “Tee-Notch” filter to tune out unwanted signals and provide “arm-chair copy.” Utilizes 11 tubes plus voltage regulator and rectifier for power-packed reception. Less speaker—Uses R-47 or R-48 speakers listed on this page. Size: 18¼x8¾x10½”.

HE-119WX 10.00 Down Net 249.50

SX-100 RECEIVER

- DELUXE AMATEUR RECEIVER • FOR AM-CW AND SSB OPERATION

Double conversion superheterodyne amateur receiver. Coverage 540 KC to 34 MC in four calibrated bands. Selectable side band reception of both suppressed and full carrier. Delayed AVC. Calibrated bandspread. Built-in “S” meter. Tee-Notch Filter to eliminate unwanted heterodynes. Built-in 100 KC crystal calibrator, and antenna trimmer. Logging scale on tuning dial. Phone jack and stand-by receiver switch on front panel. Grey and black steel cabinet with silver and red trim, piano hinge top. Twelve tubes plus rectifier and voltage regulator. 117 V-60 cycle AC. Size: 18¼x8¾x10½”.

HE-109WX 10.00 Down Net 295.00

R-48 MATCHING 7½” speaker for AM, CW or Music reception-switchable for voice or music reception. Shpg. wt., 10 lbs. For use with SX-100, SX-110, SX-101A, HE-113 Net 19.95

R-47 MATCHING 4” PM Speaker for CW or speech reception; response: 300-2850 cps; 3.2 ohm impedance. For use with SX-100, SX-101A, SX-110. Shpg. wt., 2½ lbs. Net 12.95

HE-112 5.00 Down Net 12.95

SX-101A SSB RECEIVER

- COMPLETE COVERAGE FOR THE HAM

A deluxe communications receiver designed with the SSB enthusiast in mind. The SX-101A offers high stability and sensitivity, essential requirements on today's crowded bands. Dual conversion plus variable selectivity, in 5 steps from 500 cps to 5 kc, provide for optimum ease-of-reception for AM-SSB-CW signals. Sensitivity—1 µv on all bands. Covers 80, 40, 20, 15, and 10 meter bands plus a calibrated scale for use of an external 6 or 2 meter converter. (converter output 30-34 mcs.) An additional and highly useful feature is the 10 mc. position for WWV. This not only allows monitoring of time signals but, provides an accurate check to zero beat crystal calibrators. Utilizes 13 tubes plus voltage regulator and rectifier. The clearly marked slide rule dial plus 50:1 gear drive make tuning simple. Built-in 100 kc. crystal calibrator allows band-edge operation. The clearly marked S-meter functions with the AVC on-or-off. Product detector for SSB. Side bands selectable from front panel. Tee-notch filter for crystal-clear reception. Meets FCCA matching funds—Item R-16. Less speaker—uses R-48 or R-47 speakers listed below. For 105-125 volts 50-60 cps AC. Size 20Wx10½x16”D. Shpg. wt., 85 lbs.

HE-114WX 10.00 Down Net 399.50

HA-1 ELECTRONIC KEYS

An electronic keyer for the discriminating CW operator who demands perfection. Employing advanced circuitry and digital techniques, the “T.O. Keyer” offers reliability and performance previously unknown in an electronic keyer. All timing circuits are electronic and not affected by variations in relays. Dot-to-space-to-dash ratio maintained constant over the entire speed range of the instrument. Transformer operated. Monitor may be heard through the built-in speaker or fed through the receiver audio circuitry. The transmitter is keyed by a special, vacuum sealed, mercury wetted contact relay. This relay provides 100 times greater life than conventional relays. Controls: Function — AC off, Low Speed, Key Down, High Speed; Speed — Calibrated 10-30 and 25-65 wpm; Key jack for insertion of an external key paddle (not supplied with unit). Size 7Lx5¾x7”D. For 105-125 volts, 50-60 cps AC. Shpg. wt., 9 lbs.

HE-121WX 5.00 Down Net 79.95

HT-33A LINEAR AMPLIFIER

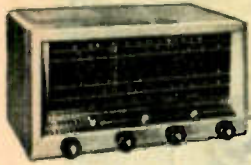
The ideal companion unit for the HT-32B or HT-37. Converts any low power SSB exciter (70-100 watts) to a power packed 1000 watt transmitter on SSB-CW as well as adding power on AM. For 50-75 ohms input, the HT-33A will match most SSB exciters on the market. Covers 80-10 meters with variable pi-network output loading. All important circuits are metered to allow efficient operation, including an RF output meter to simplify tuneup. Employs 1-PL-172 pentode tube having a 1000 watt plate dissipation. Self contained power supply uses 2-866AX tubes plus 4-0B2 regulator tubes for optimum stability. Overload protection is assured by a 5 ampere fuse in the filament, blower, and bias circuits, a ¼ ampere fuse in the PL-172 screen circuit and a 20 amp. circuit breaker in the high-voltage supply. Size 10¼x20x17”.

HE-118WX 10.00 Down Net 795.00

hallicrafters

SHORT-WAVE - HAM EQUIPMENT

HAMMARLUND

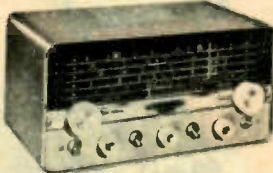


MODEL S-38E LOW COST RECEIVER

Hallicrafters' economy model SWL receiver pulls in everything on its highly sensitive AC-DC superhet circuits: 4 tubes plus one rectifier, with 5" P.M. speaker delivering 2 watts audio. Has tip jacks for phones, standby-receiver switch AM-CW switch for talk or code. **COVERAGE: 4-BANDS:** Standard Broadcast and 3-SW bands ranging from 1650Kc -32MC. Features large Overseas Dial, with specific foreign stations dotted. 0-100 separate bandspread dial. Also covers police, aircraft, ship-to-shore and all amateur bands. Operates on 105-125 DC or 60 cycle AC. Size 12 $\frac{1}{2}$ "x7 $\frac{1}{4}$ ". Comes in attractive grey steel cabinet with silver frame trim. Shpg. wt., 14 lbs.

HE-100 5.00 Down Net 59.95
MODEL S-38EM Receiver with mahogany over metal finish.
HE-101 5.00 Down Net 59.95
MODEL S-38EB Receiver with blonde over metal finish.
HE-102 5.00 Down Net 59.95

MODEL S-107 BROAD BAND RECEIVER



Here's a receiver which covers 540 kc to 31 mc in four bands, and 48 to 54.5 mc. on an additional high frequency band. The S-107 features a large easy-to-read slide rule type, main tuning dial and separate electrical bandspread with 0-1000 logging scale. 48-54.5 mc. band has individual calibration. Front panel controls: Main tuning and band spread tuning, receive/standby, band selector, AM/CW, noise limiter, tone, sensitivity, on/off volume. Phone jack, headphone tip jacks and antenna input terminals located in rear. Built in 5" speaker. Utilizes seven tubes plus one rectifier. Sturdy grey hamertone steel cabinet with brushed chrome trim. 117 V-60 cycle AC. Size: 13 $\frac{3}{4}$ "x7 $\frac{1}{2}$ "x8 $\frac{3}{4}$ ". Shpg. wt., 18 $\frac{1}{2}$ lbs.

HE-106WX 5.00 Down Net 94.95

MODEL SX-110 HAM-SWL RECEIVER



- BANDSPREAD 80, 40, 20, 15, AND 10 METER BANDS
- CRYSTAL FILTER

Superheterodyne receiver covers 540 KC (broadcast band) to 34 MC in four bands. Features slide rule type dial and electrical bandspread over the 10, 15, 20, 40 and 80 meter amateur bands. Separate bandspread tuning condenser. Switchable crystal filter and built-in "S" meter. All controls are on front panel, and include main and band spread tuning, AM-CW switch, sensitivity, BFO pitch, on/off/tone, volume, receiver-standby, selectivity, crystal filter-phasing, noise limiter, and headphone jacks. Receiver uses either 3.2 or 500 ohm speaker. Antenna may be doublet, single wire, ground plane or beam type. Utilizes seven tubes plus one rectifier: 6S67 first IF amp, 6SK7 second IF amp, 6SC7 BFO and audio amp, 6K6GT, audio output, 6H6 ANL AVC-detector, 5Y3 rectifier. Output: 2 watts. Grey steel cabinet with chrome trim. Size: 18 $\frac{3}{4}$ "x8 $\frac{1}{2}$ "x10 $\frac{1}{4}$ ". 117 AC. Shpg. wt., 32 lbs.

HE-108WX 5.00 Down Net 159.95

MODEL S-108 RECEIVER

Same as SX-110 less S-meter, antenna trimmer, and crystal filter, but includes a built-in speaker.
HE-107WX 5.00 Down Net 129.95



HQ-100



HQ-180



HQ-170



HQ-110



HQ-145



HX-500

HAMMARLUND RECEIVER HQ-100

Sensitivity and selectivity place this receiver in the really "hot" class. Continuously tunable from 540 Kc to 30 Mc on four bands. Electrical bandspread tuning with dial markings every 10 Kcs on 80, 40 and 20 meter bands; every 20 Kcs on 15 meter band, and every 50 Kcs on 10 meter band. Q-multiplier permits continuously variable selectivity. Sensitivity of 1.75 microvolt produces 10-1 signal-to-noise ratio. Voltage regulated and temperature compensated. AVC on RF and IF stages. 10 tube circuit with automatic noise limiter. Antenna compensation for variable loading effects. For 105-125 volts, 50-60 cps. With "S" meter: 16 $\frac{1}{4}$ "x9 $\frac{1}{2}$ "x9 $\frac{1}{4}$ "D. Shpg. wt., 33 lbs.

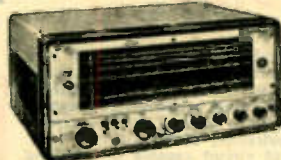
HQ-100 Receiver less clock-timer.
HE-150WX 5.00 Down Net 189.00
MODEL HQ-100C. Receiver w/clock. Shpg. wt., 34 lbs.
HE-151WX 5.00 Down Net 199.00
MODEL S-100. Matching speaker
HE-152 Shpg. wt., 10 lbs. Net 14.95
MODEL XC-100. 100 KC crystal calibrator.
HE-153 Shpg. wt., 3 lbs. Net 15.95

HAMMARLUND RECEIVER HQ-110

A 12 tube superhet receiver with dual conversion for excellent image rejection. Full dial coverage of 6, 10, 15, 20, 40, 80, and 160 meter bands. Dial markings every 5 Kcs on 20, 40, 80 and 160 meter bands, every 10 Kcs on 15 meter bands; every 20 Kcs on 10 meter band; every 50 Kcs on 6 meter band. AVC operates on RF and IF. Q multiplier continuously variable from 100 cps to 3 Kcs. Separate stabilized BFO and linear detector for SSB and CW reception. Antenna compensator for loading effects of various antennas or balanced transmission line. Calibrated "S" meter. New series type noise limiter. Built-in 100 KC crystal calibrator. For 105-125 volts, 50-60 cps. AC. 16 $\frac{1}{4}$ "x9 $\frac{1}{2}$ "x9 $\frac{1}{4}$ "D. Shpg. wt., 33 lbs.

HE-154WX 10.00 Down Net 249.00
MODEL HQ-110C. Receiver w/clock. Shpg. wt., 34 lbs.
HE-155WX 10.00 Down Net 259.00
MODEL S-100. Matching speaker in cabinet.
HE-152 Shpg. wt., 10 lbs. Net 14.95

MODEL SX-62A



ALL WAVE FM-AM RECEIVER

A most complete communications receiver, the SX-62A will give top performance on any wave band, has every modern refinement known. Six ranges: 540-1620 Kc broadcast, 1620 Kc-4.9 Mc, 4.9-15 Mc, 15-32 Mc, 27-56 Mc (AM-FM), 54-109 Mc (AM-FM). Audio is of hi-fi quality up to 10 watts, with 4 position tone control. Red dots identify AM and SW controls, green dots for FM controls. Wide vision slide-rule dial; one band lights at a time. Circuits are temperature compensated, voltage regulated; has six position selectivity control, front panel phone jack. Has separate RF and AF gain controls, 60-1 ratio tuning knob for fine tuning, and AVC, ANL on BFO switches. Complement of 14 tubes plus one rectifier, and one voltage regulator. Size: 20x10 $\frac{1}{2}$ "x16". Shpg. wt., 67 lbs. 117 VAC.
HE-105WX less speaker 10.00 Down Net 375.00

NEW HAMMARLUND HQ-180 RECEIVER

- TRIPLE CONVERSION SSB RECEIVER

The HQ-180 is an 18 tube, triple conversion, general coverage receiver for SSB-AM-CW reception. Coverage .54 — 30.0 MCS with calibrated bandspread on the 80, 40, 20, 15, and 10 meter amateur bands. High selectivity with Crystal Filter (3035Kcs) and a Slot Depth Filter. Selectivity variable with 7 steps. Selectable sideband. Variable attack AVC. Automatic Noise Limiter. Adjustable calibration of frequency dial checked by the built-in 100 kc crystal calibrator. 1 watt undistorted audio output. Calibration every 5kc 80-15 meters, every 10kc on 10 meters. For 105-125 volts, 50-60 cps AC. Size 10 $\frac{1}{2}$ "x19 $\frac{1}{2}$ "x13". Shpg. wt., 45 lbs.

HE-170WX 10.00 Down Net 429.00
Model HQ-180C. Same as above plus clock timer.
HE-171WX 10.00 Down Net 439.00
MODEL S-200. Matching Speaker in Cabinet.
HE-159 Net 19.95

HAMMARLUND HQ-145 RECEIVER

This receiver is an 11 tube superhet, offering dual conversion, for improved image rejection. Coverage 540 Kc to 30 Mc in four bands. Pre-calibrated band spread on 80-40-20-15 & 10 meter amateur bands. Crystal filter with six-position switch. Adjustable slot filter. Built in S meter. Adjustable high-stability temperature compensated B.F.O. for SSB and CW reception. 10 to 1 signal-to-noise ratio with a 1.75 μ volt average AM signal. Special 20 meter band position for optimum electrical dial spread. Size: 10 $\frac{1}{2}$ "x19 $\frac{1}{2}$ "x13". Shpg. wt., 42 lbs. For 105-125 volts, 50-60 cps AC.

HE-156WX 10.00 Down Net 269.00
MODEL HQ-145C. Receiver w/clock. Shpg. wt., 43 lbs.
HE-157WX 10.00 Down Net 279.00
MODEL XC-100P. Plug in crystal calibrator for receiver.
HE-158 Shpg. wt., 3 lbs. Net 15.95
MODEL S-200. Matching speaker for above.
HE-159 Shpg. wt., 10 lbs. Net 19.95

HAMMARLUND HQ-170 RECEIVER

A practically endless combination of tuning techniques whereby optimum reception of SSB/CW and AM/MCW may be achieved. The front end provides tuning of the 6, 10, 15, 20, 40, 80 and 160 meter amateur bands, with electrical bandspread. The HQ-170 offers triple conversion with IF frequencies of 3035 Kc, 455 Kc and 60 Kc, providing excellent rejection of image-response, slot filter with 60 db notch, separate Vernier tuning dial on front panel, adjustable fast-attack delayed AVC, "S" meter, auto-response audio circuit for easier reading on weak signals. Has tube complement of 17 tubes. Size: 10 $\frac{1}{2}$ "x19 $\frac{1}{2}$ "x13". Shpg. wt., 45 lbs. 115 VAC.
HE-162WX 10.00 Down Net 359.00
MODEL HQ-170C. Receiver w/clock. Shpg. wt., 45 lbs.
HE-163WX 10.00 Down Net 369.00
MODEL S-200. Matching speaker for HQ-170.
HE-159 Shpg. wt., 10 lbs. Net 19.95

NEW! HAMMARLUND HX-500 SSB TRANSMITTER

100 watt SSB transmitter for 80 thru 10 meter operation. Built-in VFO may be read to within 200 cps or better. Can be used as a SSB exciter/transmitter plus CW, FM, DSB, and FSK transmitter. Conveniently located VOX and anti-VOX controls. Features: Carrier Suppression in excess of 50 db. Unwanted sideband down 50 db or better. TVI proofed. VFO employs separate scale on each band. Complete with all necessary crystals. Built-in antenna change over relay. 50 ohm pi-network output. Power output 100 watts PEP; 100 watts CW; 25 watts AM-FM-FSK. Uses 16 tubes plus 4 rectifiers and voltage regulator. Size 19 $\frac{1}{2}$ "x16 $\frac{1}{2}$ "x11 $\frac{1}{2}$ ". Shpg. wt., 100 lbs. 115 VAC 50-60 cps.
HE-172WX 10.00 Down Net 695.00
 All Hammarlund equipment available for 115-230V 50-60 cycles. Please write for price.

LAFAYETTE PROFESSIONAL QUALITY AMATEUR COMMUNICATION RECEIVER

**SUPERHETERODYNE CIRCUIT UTILIZING
8 TUBES & RECTIFIER TUBE**

- BAND SPREAD FOR EASY TUNING
- BUILT-IN "S" METER WITH ADJUSTMENT CONTROL
- EXCELLENT SELECTIVITY
- ACCESSORY POWER SOCKET PROVIDED
- ALL TRIMMERS PRE-ALIGNED
- COVERS 550KC. TO 31MC. IN FOUR BANDS
- VARIABLE BFO AND RF GAIN CONTROLS
- BUILT IN PRE-CALIBRATED "S" METER
- SWITCHABLE AVC & AUTOMATIC NOISE LIMITER
- ALL MAJOR COMPONENTS PRE-MOUNTED
- DUAL 4 AND 8 OHM OUTPUT IMPEDANCES



IN KIT FORM
KT-200 64.50
5.00 DOWN

WIRED AND TESTED
HE-10 79.95
5.00 DOWN



**NEW!
RECEIVER
SPEAKER-MATE**

7.95
HE-11

High sensitivity superheterodyne circuit utilizes 8 miniature tubes plus rectifier tube and transformer input full wave rectifier. The 80-40-20-15 and 10 meter amateur bands are clearly indicated on the illuminated dial face, and can be easily tuned with the pre-calibrated band spread. The receiver has complete band switching, thus eliminating the need for bothersome plug-in coils. Band spread is laid out on easy-to-read 0-100 scale, and features a weighted control knob which offers smooth, precise tuning. Coverage of from 550KC to 31 MC is obtained through the use of four switchable ranges (550-1600 KC/1.6-4.8 MC/4.8-14.5 MC/10.5-31 MC). All controls, switches and phone jack are located on the front panel.

Receiver sensitivity is 1.25 microvolts for 10DB signal to noise ratio. Selectivity is -60DB at 10KC image rejection is -40DB at 3MC. Panel is grey metal with white lettering, and controls are black with aluminum trim. Hinged top makes inside of receiver readily accessible to operator. 7 7/8x15Wx9"D. Tubes: 3-6BD6, 2-6BE6, 2-6AV6, 1-6AR5, 1-5Y3. Shpg. wt., 22 lbs.

KT-200WX 5.00 Down Net 64.50
HE-10WX Same as above, factory wired & tested 5.00 Down Net 79.95
Ideal "Speaker-Mate" for HE-10 and other communications receivers. Special 4" speaker in handsome, tapered, grey metal cabinet reduces QRN and peaks voice frequencies. Impedance 8 ohms. 7 7/8x5 7/8x4 3/4". Shpg. wt., 4 lbs.
HE-11 Net 7.95



HE-25

AVAILABLE NOVEMBER 30, 1960



109.50

5.00 Down

The perfect transmitter for novice, technician or general, the new Lafayette Model HE-25, runs 120 watts CW input, 80 through 10, 85 watts CW on 6, and 70 watts phone on all bands. Completely self-contained in a 2/3 cu. ft. package, the HE-25 is ideal for fixed, portable, mobile or contest operation. Straight-through class C final amplifier operation on all bands assures highest efficiency and maximum power delivered to the antenna. RF circuitry utilizes a 6AU6 crystal oscillator, a 6DQ6A multiplier - buffer, and a pair of bridge-neutralized 6DQ6A's in the final. These husky beam tetrodes work into a high Q pi network output circuit capable of matching antennas from 40-600 ohms. Audio circuitry: a 12AX7 dual triode provides two cascaded stages of high-gain audio amplification and may be used with any high impedance microphone (crystal, dynamic, etc.). A 6AQ5 clamp tube modulator is employed to give clear, full audio with modulation peaks up to 100%. CW: designed with the CW man in mind, the HE-25 features simultaneous keying of oscillator and buffer cathodes for break-in operation. Chirps and clicks are suppressed through the use of an LC network which also shapes the waveform for a clean, outstanding signal. The 6AQ5 here serves as a clamper to protect the final amplifier during key-up. TVI is suppressed through the use of L-section filters on power cord and meter, bypasses on power and filament wiring, a copper-clad steel cabinet, and bypassing in the final amplifier to minimize harmonic output. Power cord is fused for protection of the transmitter. An external VFO may be connected using the power socket on the front panel. Microphone and RF output connector, and fuseholder are mounted on the rear apron. 14 1/2Wx8 1/4Hx9 1/2"D. Shpg. wt.,

HE-25 5.00 Down Net 109.50

NEW! LAFAYETTE "VOYAGER" 6 TO 80 METER TRANSMITTER

**SENSATIONAL VALUE
FOR YOUR HAM SHACK**

- Single Knob Bandswitching
— 80 Through 6 Meters
- Full 120 Watts CW, 70 Watts Phone,
In Only 2/3 Cu. Ft.
- More Than Enough Drive On All Bands
- Completely Filtered and Shielded
For TVI Suppression
- Clean Keying — No Clicks or Chirps

JOHNSON-VIKING HAM EQUIPMENT

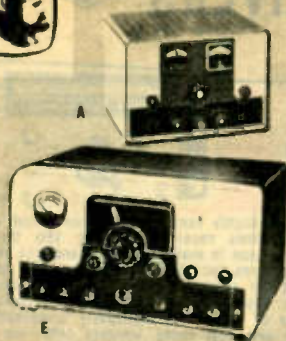


FIG. A "CHALLENGER" TRANSMITTER

The new Viking "Challenger" is ideal for the novice or experienced amateur. Instant bandswitching 80 through 6 meters—70 watts phone input—120 watts CW input 80 through 10 meters and 85 watts CW input on 6 meters! Straight through final amplifier operation even on 6 meters provides excellent efficiency and modulation characteristics. Size 13¼x10¼x9¼". Shpg. wt., 28 lbs.

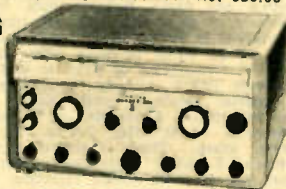
Model 240-182-1. Above in kit form. With tubes.
HE-424WX 5.00 Down Net 114.75
Model 240-182-2. Above wired and tested.
HE-425WX 5.00 Down Net 154.75

FIG. D "RANGER" TRANSMITTER/EXCITER

The "Ranger" is a rugged and compact 75 watt CW or 65 watt phone unit. Has a pi-network coupling system that will match antenna loads from 50 to 500 ohms. Single-knob bandswitching on 160-10 meters—built in VFO or crystal control. Timed sequence (grid block) keying provides ideal "make" or "break" on your keyed signal, yet the "break-in" advantages of a keyed VFO are retained. As an exciter, the "Ranger" will drive any of the popular kilowatt level tubes and will provide a high quality speech driver system for high power modulators. Has 6146 final amplifier tube. Size: 15½x9¾x14". Shpg. wt., 54 lbs.

Model 240-161-1. Above in kit form. With tubes.
HE-410WX 10.00 Down Net 229.50
Model 240-161-2. Above wired and tested.
HE-411WX 10.00 Down Net 329.50

NEW VIKING INVADER and INVADER 2000



A significant step forward in amateur communications equipment. The new Viking INVADER filter-type transmitter gives you a solid 200 watts input PEP, 200 watts input CW or 90 watts input AM, 80 through 10 meters. Want to go "high" power later on? Remove power supply for remote placement, add INVADER's integral linear amplifier and you're ON-THE-AIR with 2000 watts PEP, 1000 watts input CW, or 800 watts input AM, with all controls from VFO to antenna loading on one panel!

INVADER specifications include high VFO stability, 60 db suppression of both carrier and unwanted sideband, distortion products at least 35 db down, VOX, PTT and antitrip, and chirpless, clickless shaped mixer keying. POWER REQUIREMENTS: 325 watts, 105-125 volts, 50/60 cps. 11¼x21Wx17½"D. Shpg. wt., 55 lbs.

HE-455WX Model 240-302-1. 10.00 Down Net 619.95
INVADER-2000: Includes all features of the INVADER plus an integral linear amplifier and remote power supply. POWER REQUIREMENTS: 105-125 volts 2 wire or 210-250 volt 3 wire, 50/60 cps, 1600 watts. SIZE and WEIGHT: same as INVADER. POWER SUPPLY SIZE: 11¼x19¼x17½"D. Total shpg. wt., 181 lbs.
HE-456WX Model 240-304-1. 10.00 Down Net 1229.90

INVADER HI-POWER CONVERSION—Complete wired and tested assembly including new front panel, cables, additional meter, tubes, remote power supply, etc. to convert INVADER to INVADER-2000. Shpg. wt., 115 lbs.
HE-408WX Model 240-303-1. 10.00 Down Net 619.95



FIG. B "ADVENTURER" TRANSMITTER 50 WATTS CW INPUT

Viking "Adventurer" kit is a completely self-contained single-knob bandswitching transmitter. Crystal or external VFO control. The RF lineup consists of a 6AG7 oscillator/multiplier and an 807 power output tube. Front panel meter switching monitors final grid or plate currents—clean and crisp break-in keying. Effectively TVI suppressed transmitter. Size 10¼x8¼x7¾". Shpg. wt., 19 lbs.

Model 240-181-1. Above in Kit Form. With tubes.
HE-423WX 5.00 Down Net 54.95

Model 250-40. Speech amplifier/modulator kit for Adventurer. With tubes. Shpg. wt., 1 lb.
HE-444 Net 12.25

FIG. E "VALIANT" TRANSMITTER

This compact transmitter gives you outstanding flexibility and performance. Built-in VFO or crystal controlled, the Valiant is bandswitched on all amateur bands 160 through 10 meters. . . . delivers a full 275 watts input on CW and SSB (with an auxiliary SSB exciter) and 200 watts on AM. VFO is temperature compensated and extremely stable.

High efficiency pi-network tank circuit will match antenna loads from 50 to 600 ohms. Final tank coil is silver plated. Other features: complete TVI suppression; timed sequence (grid block) keying; high gain push-to-talk audio system; low level audio clipping; built-in low pass audio filter and self contained power supplies. Three parallel 6146 tubes in final. Size: 21x11¼x16¼". Shpg. wt., 83 lbs.

Model 240-104-1. Above in kit form. With tubes.
HE-419WX 10.00 Down Net 349.50

Model 240-104-2. Above wired and tested.
HE-420WX 10.00 Down Net 439.50

FIG. G "6N2" TRANSMITTER

Rated at 150 watts CW and 100 watts phone, this compact VHF transmitter offers instant bandswitching coverage of both 6 and 2 meters! Completely shielded and TVI suppressed—may be used with the Viking I, II, "Ranger", "Valiant" or similar power supply/modulator combinations. Operates by crystal control or external VFO with 8-9 mc. output. With tubes, less crystals, key and microphone. 8¾x8x13¼". Shpg. wt., 12 lbs.

Model 240-201-1. In kit form. With tubes.
HE-445WX 5.00 Down Net 129.50

Model 240-201-2. Above — wired and tested.
HE-446WX 5.00 Down Net 169.50

"6N2 THUNDERBOLT" AMPLIFIER (Not Illustrated) 1200 watts peak envelope power input on 6 and 2 meters SSB and DSB; 1000 watts input CW; 700 watts input AM linear. TVI suppressed; pi-network. Requires 5 to 6 watts of drive. 21x11¼x16¼". Shpg. wt., 140 lbs.

Model 240-362-1. Kit with tubes.
HE-421WX 10.00 Down Net 524.50

Model 240-362-2. Above wired and tested.
HE-422WX 10.00 Down Net 589.50



FIG. C "NAVIGATOR" TRANSMITTER/EXCITER

This splendid new CW Transmitter/Exciter will appeal particularly to the discriminating CW operator who requires flexible built-in VFO or crystal control and an excellent keying system coupled with substantial RF output. 40 Watts CW input. Bandswitching 160 through 10 meters. Provides full TVI suppression and filtering. Other features: Electronic timed sequence keying, wide range pi-network output and 6146 in final amplifier. Size: 13¼x9¼x10¼". Shpg. wt., 27 lbs.

Model 240-126-1. Above in kit form. With tubes.
HE-415WX 5.00 Down Net 149.50

Model 240-126-2. Above wired and tested.
HE-416WX 5.00 Down Net 199.50

FIG. F "COURIER" AMPLIFIER

The Viking "Courier" delivers full communication power—rated a solid one-half kilowatt P.E.P. input as a Class B linear amplifier; one-half kilowatt input on CW or 200 watts in AM linear mode; in a completely self-contained desk-top package. The Viking "Courier" may be driven by the Viking "Challenger", "Ranger" or other unit of 5 to 35 watts output. Continuous coverage 3.5 to 30 megacycles (bandswitched), pi-network to match 40 to 600 ohm loads. Rotary tank coil and plate tuning capacitor are ganged to single control and provide uniform tank circuit Q throughout operating range. Unique laboratory tests assure an amplifier with exceptional overall stability appreciably superior to other amplifiers. Fully TVI suppressed and filtered; completely self-contained with built-in power supply. Two 811A triodes in parallel. Size 15½x9¼x14". Shpg. wt., 68 lbs.

Model 240-352-1. Above in kit form with tubes.
HE-426WX 10.00 Down Net 244.50

Model 240-352-2. Above wired and tested.
HE-427WX 10.00 Down Net 289.50

FIG. H NEW VIKING 10 METER MESSENGER

Ideal for fixed or mobile operation, this new 10-meter "Messenger" is a complete 10-tube (including rectifier) crystal-controlled transceiver. Sensitive, selective superhet receiver has ANL, AVC, squelch. Transmitter section features a 7054 crystal oscillator and a high gain 7061 final amplifier; pi-L network output circuit; "transmit" indicator; push-to-talk ceramic microphone; self-contained power supply. Pre-tuned for 29.4 to 29.7 mcs and covers any 5 frequencies within this segment. Compact: only 5¼x7Wx11¾"D. Available for 115VAC/6VDC, 115VAC/12VDC or 115VAC only. Complete with power cords, tubes, microphone and crystals for 29.640 mc, national calling and emergency frequency. Shpg. wt., 15½ lbs.

HE-454WX Model 242-201, 115VAC only. 5.00 Down Net 129.75

HE-453WX Model 242-202, 115VAC/6VDC. 5.00 Down Net 139.75

HE-452WX Model 242-203, 115VAC/12VDC. 5.00 Down Net 139.75

OTHER JOHNSON HAM EQUIPMENT

Stock No.	Mfr. No.	Description	Wt. Lbs	Net
HE-429	240-133-2	"6N2" VFO Wired	3	54.95
HE-457WX	250-43	"6N2" Converter Wired	5	89.95
HE-458	250-28	Crystal Calibrator	1	17.95
HE-443	250-25	Signal Sentry	3	22.00
HE-430WX	250-23-3	275W Matchbox	13	86.50
HE-431WX	250-23	275W Matchbox less Coupler	13	54.95
HE-459	250-37	Directional Coupler	2	11.75
HE-409	250-38	Indicator	4	25.00
HE-439	250-39	T-R Switch	5	27.75
HE-413WX	240-353-2	"Thunderbolt" Amplifier	140	589.50

NATIONAL COMMUNICATIONS RECEIVERS

FREE! VALUABLE GIFTS WITH YOUR NATIONAL RECEIVER

ME-42 **KT-77**



REGULAR PRICE 3.40

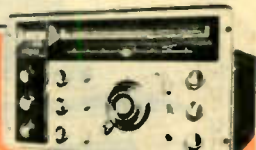
HE-206
PLUG-IN CRYSTAL
CALIBRATOR
REGULAR PRICE
20.95



LAFAYETTE HE-14
Receiver Speaker-Mat
REGULAR PRICE 7.95



NC-303
RECEIVER



The NC-303 is a highly sensitive dual conversion amateur communications receiver covering 160 through 10 meters. Provision is made for 6, 2, and 1 1/4 meter converters. Features include an improved "Q" multiplier with 60 db rejection notch and a 5 position IF band-width selector with selectable sideband for a wide choice of bandwidth/selectivity combinations. Also included are dual noise limiters (ANL for AM, a double-ended manual limiter for CW and SSB), exclusive WWV converter provision, high-speed 40.1 tuning knob with vernier drive and a "fast attack, slow release" AGC to eliminate momentary overload from AGC lag and background noise during speech pauses. Sensitivity better than 1 uv @ 10 db S/N. Giant slide-rule dial readable to 2 kc without interpolation to 21.5 mc. 15 tubes including rectifier. Power requirements: 105-125 VAC, 50-60 cps. 9 1/2 W x 11 1/4 H x 15 D. Shpg. wt., 64 lbs.

HE-208WX 10.00 Down Net 449.00
HE-209 NTS-2 Table Speaker for NC-303 Net 21.95
HE-210 XCU-300 Plug-in Crystal Calibrator Net 23.95
HE-215 XCU-303 Deluxe Crystal/WWV Calibrator Net 34.95

FREE WITH NC-303 RECEIVER: Lafayette HE-14 matching ham speaker, Plus XCU-300 Crystal Calibrator (HE-210) Regular Price 31.90
 NC-303 plus HE-14 plus HE-210. Shpg. wt., 72 lbs.
SP-190WX 10.00 Down Net 449.00

NATIONAL NC-60 SPECIAL



National's new all-wave low-priced receiver which features continuous coverage of AM Broadcast, Amateur and World Wide Short Wave Bands; brilliantly styled by Peter Quay Yang for easy operation, ready rearing and attractive decor. Features include: 4 separate bands—540 Kc-1600 Kc; 1.6-4.5 Mc; 4-12 Mc; 10.5-31 Mc with police, CD, marine, aircraft, amateur, etc. stations clearly marked; plus 0-100 logging and bandspread scale. Bandspread operative on all bands. Audio section drives built-in speaker or front panel phone jack. Has AM, CW switch, standby-receive switch, 2 degrees of selectivity, complement of 4 tubes plus rectifier, superheterodyne circuit. Finish is, two tone black and gray enamel. Size: 7 3/4 x 8 5/8 x 13 1/2". Shpg. wt., 15 lbs.
HE-200WX 5.00 Down Net 59.95

FREE WITH PURCHASE OF NC-60
KT-77 Shortwave Antenna Kit, plus **ME-42** Matching Headset. REGULAR PRICE 3.40
HE-200WX plus **KT-77** plus **ME-42**. Shpg. wt., 18 lbs.
SP-178WX 5.00 Down Net 59.95

NATIONAL NC-109 RECEIVER



For CW, AM and SSB. Incorporates many features of the most expensive types but still sells at a low price. These exclusive features are "Microtome" crystal filter in IF section for 5 different degrees of selectivity; sharp phasing notch over 60 db deep for interference rejection; separate product detector for CW and SSB reception; mode selector switch includes accessory position for crystal calibrator or phono input. Coverage is from 540 Kc-40 Mc on 4 bands, with bandspread scales for special amateur bands, all clearly marked; logging scale included. Conelrad (CD) points clearly marked. Size 16 1/4 x 10 x 10 7/8". Shpg. wt., 35 lbs.
HE-205WX 5.00 Down Net 169.95
NC-109XCU Plug-in crystal calibrator. Shpg. wt., 2 lbs.
HE-206 2.00 Down Net 20.95
NTS-1 Table Speaker for NC-109 Shpg. wt., 10 lbs.
HE-204 Net 17.50

FREE WITH PURCHASE OF NC-109: **NC-109XCU** Plug-in Crystal Calibrator (HE-206) Shpg. wt., 39 lbs.
NC-109 plus **NC-109XCU** (HE-206) Shpg. wt., 39 lbs.
SP-167WX 5.00 Down Net 169.95

NATIONAL VFO-62



- Completely Shielded
- Precision Vernier Drive
- Internal Crystal Calibrator

A precision variable frequency oscillator for 6 and 2 meters. Designed to operate with most transmitters using crystal oscillators in the 8-9 mc region, or with most equipment using overtone oscillators in the 25 to 27 mc range. Completely self-powered and self-contained, the VFO-62 also has a built-in crystal calibrator. Frequency stability .005% after brief warm-up. Grey plastic cabinet. Power consumption: 18 watts at 105-125 VAC. 5 1/2 H x 6 1/2 W x 5 1/2 D. Shpg. wt. 6 lbs.
HE-213 2.00 Down Net 49.95

NATIONAL NC-400 RECEIVER



Modern, multiple purpose, general coverage receiver—540 kc to 31 mc in 7 bands. Dual conversion above 7 mc. AM, CW and selectable SSB. Manual tuning or crystal control on pre-selected frequencies. Master oscillator provisions make possible use of modern synthesizer techniques. Operates in space or frequency diversity applications. Frequency determining circuits may be internally or externally controlled with accessory diversity modification. Band width: 16 kc to 150 cycles with IF circuits and crystal filter or with optional mechanical filters. SSB heterodyne detector uses pentagrid converter and separate beat oscillator. All oscillators may be crystal controlled. "Fast-attack, slow-release" AGC on SSB and CW. 18 tubes including rectifier. Size: 19 1/2 W x 11 1/4 H x 16 D. Shpg. wt., 72 lbs.
HE-216WX 10.00 Down Net 895.00
NTS-2 Table Speaker for NC-400 Shpg. wt., 10 lbs.
HE-209 2.00 Down Net 21.95
HE-217 XCU-400 Crystal Calibrator Net 50.00

FREE WITH NC-400 RECEIVER
HE-217 Crystal Calibrator plus Lafayette HE-14 matching Ham Speaker. Regular Value 57.95.
HE-216WX plus **HE-217** plus **HE-14**. Shpg. wt., 80 lbs.
SP-191WX 10.00 Down Net 895.00

GONSET MARINE-POLICE CONVERTER



MODEL 3163

New Gonset converter operates in conjunction with your present auto radio. It covers the frequency range of 1600 to 3000 kc, which includes various ship-to-shore and ship-to-ship services. Also covered are frequencies used by Police, Coast Guard, Weather, Time, Conelrad, and numerous others. The full-vision dial has calibrated scale. Installation is simple and non-technical. A switch-on converter panel gives instant selection of regular broadcast or short wave. Size 3 1/2 x 4 x 4". Complete with plug and cable. Shpg. wt., 5 lbs. For 12 volt battery system only.
HE-505 2.00 Down Net 29.50

GONSET 3311 FM AUTO TUNER



Now you can enjoy fine music in full high fidelity while driving. The FM tuner gives drift-free reception and eliminates "drop-out" from high tension line and similar interference. The tuner features high sensitivity (3-5 uv for 20 db quieting), high image rejection, AFC and a beautiful chrome-trimmed cabinet that improves the interior appearance of any car. For 12V DC only. Shpg. wt., 8 lbs.
HE-535WX 5.00 Down Net 79.50

GONSET FM HALO



Designed specifically for mobile FM reception. Easy to install: slides over bottom section of standard auto whip antenna. Aluminum with laminated plastic division insulator, 29 1/2 H x 16" diam. Shpg. wt., 1 1/4 lbs.
HE-548 Model 3271-A Net 9.95

MOBILE FM CONVERTERS



Now you can convert your auto radio for FM reception. Minimum drift high signal-to-noise ratio and exceptional sensitivity are assured through the use of advanced circuit design. Installation is simple, and can be made in minutes. Front panel switch allows you to select either standard or FM reception. Converters are housed in attractive chrome-trimmed cabinet that blends with instrument panel of all cars. Shpg. wt., 24 lbs. 12 V DC only.
MODEL 3247 30-40 MC version of above.
HE-525WX 5.00 Down Net 89.50
MODEL 3251 As above but 40-50 MC range.
HE 526WX 5.00 Down Net 89.50

OTHER GONSET EQUIPMENT

HE-500 Model 3001 Mobile Noise Clipper 1 lb. Net 9.95
HE-523 Model 3006 Mobile steering post mounting bracket 1 lb Net 4.50



FIXED-STATION COMMUNICATIONS EQUIPMENT



NEW! COMMUNICATOR IV

- Complete VHF Station for 6 or 2 Meters
- 20 Watts Input
- 6 Crystal Controlled frequencies
- S Meter
- Triple-Conversion Receiver
- Fixed and Mobile

A new, compact, efficient transmitter receiver combination in the tradition of the Communicator line. Operates on 2 meters (6 meter model available, see below). The Communicator IV is a complete VHF station operating within the range 143.7 to 148.3 mcs. The transmitter section features 20 watts plate input; 10 watts of audio for full "talk-power"; high level speech clipping; and a choice of 6 crystal-controlled frequencies. Triple conversion receiver plus a crystal controlled first conversion provide high stability. SENSITIVITY — 0.4uv for 100B S+N/N. Utilizes the latest frame grid VHF tubes in the RF and mixer stage. Other important features include: Adjustable squelch; "S" meter; Noise limiter, and a full-vision, easy-to-read, calibrated dial. The built-in universal supply operates on 117 VAC and 12 VDC. Transistorized DC power supply. 17 Tubes plus Voltage Regulator and power transistors. Comes complete with ceramic microphone with press-to-talk switch and coiled cord. Complete with 117 VAC and 12 VDC Power Cords. Size: 5½x12¼x10¾" D. Shpg. wt., 26 lbs.
HE-545WX 10.00 Down Net 369.50
 Same as above, except for 6 meter use.
HE-547WX 10.00 Down Net 369.50

GONSET G-63 HAM BAND RECEIVER

An economical band receiver with all the features of much higher priced units. Covers the 80, 40, 20, 15, 10, and 6 meter ham bands. Double conversion coupled with low-drift oscillators and BFO assure stable performance. Two separate detectors — Product type for SSB/CW and a diode type for AM. Sensitivity — less than 1 microvolt for 6 db S+N/N ratio. High image rejection. Separate calibrated dial for each band brought into view by Band Selector Switch. Slide-rule dial. Switch for crystal calibrator (Plug-in type, not supplied). Automatic Noise Limiter. Built-in Q-multiplier gives added selectivity for AM — SSB-CW reception. 9 tubes plus Rectifier and Voltage Regulator. For 117 Volts, 50-60 cps AC. Size: 8x11½x10½" D. Shpg. wt., 24 lbs.
HE-546WX 10.00 Down Net 239.50
HE-544 Crystal Calibrator Net 14.95

GSB-100 SSB TRANSMITTER

This complete, ready-to-operate SSB transmitter is rated at 100 watts on a single-tone basis. Operates on AM-CW-SSB and phase modulation. Features built-in voice control (VOX). 100% AM modulation, built-in exceptionally stable V.F.O., Complete band switching and built-in heavy-duty power supply. Specifications: Coverage: 80-40-20-15 and 10 meters. Input: 100 watt-single tone. Output: 50 watts single tone. Carrier Suppression: 60 db. Unwanted sideband suppression 45 db. Shpg. wt., 67 lbs.
MODEL 3233 for 115V AC only.
HE-517WX 10.00 Down Net 499.50

GSB-101 LINEAR AMPLIFIER

- IKW P.E.P.

A grounded grid linear amplifier capable of 1000 watts P.E.P. input. It can be driven to full output by any exciter delivering between 60-70 watts. Amplifier uses four 811A's. Built-in heavy-duty power supply employs two 866A mercury-vapor rectifier tubes. Operation is simple, with a minimum of tuning. Shpg. wt., 150 lbs.
MODEL 3262 115V AC only.
HE-520WX 10.00 Down Net 459.50

NEW! MODEL GPP-1 HYBRID PHONE PATCH

A high quality phone patch for use with AM and SSB stations, featuring a built-in VU meter for monitoring phone line levels. Eliminates the need for manually switching the transmitter on-and-off during a transmission. Separate receive and transmit audio level adjustments. Completely shielded and RF bypassed. To match — Line, 600 ohms; Receiver 3.2-8 ohms; Transmitter, high impedance. Size 6½x4x7¾". Shpg. wt., 6 lbs.
HE-521 2.00 Down Net 44.50

3 BANDER BEAMS 10-15-20 METERS

Top performance on 3 bands is achieved without coils of any kind! All elements are factory cut to length. No instruments needed... you tune only with a tape measure.

MODEL 3220 3 element version of above. Wt., 75 lbs. **HE-513WX** 5.00 Down Net 124.50
MODEL 3219 2 element version of above. Wt., 45 lbs. **HE-536WX** 5.00 Down Net 84.50

G-33 ALL BAND RECEIVER

Now, you can get outstanding all-band reception—virtually the world at your fingertips. The G-33 has two full-vision, illuminated, slide rule type dials for instant identification of broadcast and short wave frequencies. Vernier tuning knobs contain counter weights for smooth non-critical tuning. 5 tubes plus rectifier. Size: 8x10½x16¼". Shpg. wt., 24 lbs.
MODEL 3222 for 115V AC only.
HE-515WX 5.00 Down Net 89.95

G43 ALL BAND COMMUNICATIONS RECEIVER

A fine, new all-band receiver, offering features usually found in much higher priced equipment. The G43 features wide frequency coverage (540 kc-30 mc) tuning in "S" meter, high stability, and velvet smooth tuning made possible by inertial weighted flywheel. Sensitivity 3 u volts or better. Oscillators are temperature compensated and electrically stabilized to insure very low frequency drift. Shpg. wt., 26 lbs. **MODEL 3241** Complete with built-in speaker for 115V AC only.
HE-518WX 5.00 Down Net 159.50

HE-544 Crystal Calibrator for G43

MODEL G-50 6 METER COMMUNICATOR

A complete 6 meter station, this transceiver contains a VFO-tuned transmitter, and double conversion receiver in one compact package. Specifications: 48 watt transmitter uses a 6146, has a pi-network and calibrated VFO. Panel meter is switchable to read amplifier grid or plate currents or modulator plate current. Receiver utilizes double-conversion, also features adjustable "Squelch", an effective noise limiter, "S" meter, and built-in loudspeaker. Coverage is 50-54 mcs. Full vision dial with planetary vernier drive. Power supply is built-in. Size 13x7½x12½". Shpg. wt., 35 lbs. For 115V AC only.
HE-514WX 10.00 Down Net 319.50
MODEL G-28, identical to G50 except for 10 meter (28-29.7 mcs) use. **HE-507WX** 10.00 Down Net 299.50

MONITONE

An instrument that will serve you from the time you start to learn the code, and will continue to do so long after you have your station in operation. Designed for use as a code practice oscillator and as a monitor for phone or CW transmitters. Built-in speaker. Front panel controls — CW Pitch; Volume; Selector — Code practice, CW monitor, Phone Monitor. For 115 Volts AC. Size: 6¾x5¼x4" D. Shpg. wt., 5 lbs.
HE-501 MODEL 3022 2.00 Down Net 29.50

GONSET MOBILE EQUIPMENT



MODEL G-76
• 80 Thru 6 Meter Transceiver

A compact mobile transceiver covering 80 thru 6 meters with 100 watts on AM phone. This unit replaces the popular G-66 and G-77 combination. Transmitter features VFO control on 80 thru 10 meters with a full 120 watts CW and 100 watts AM input. Crystal control is employed on the 6 meter band for maximum stability. The pi-network output and illuminated meter make tuning simple. Comes for push-to-talk operation. The receiver is a dual conversion superhet design, with IF's at 2065 KC and 262 KC. Coverage of all 6 bands (80-6 meters). Built-in BFO, noise limiter, and S-meter. Sensitivity 1uv for 10 db S+N to N Ratio. Comes less power supply. Size 12½x5x10½" D. Shpg. wt., 27 lbs.
HE-540WX 10.00 Down Net 376.25
 12 Volt DC Transistorized power supply. Shpg. wt., 6 lbs.
HE-541WX 5.00 Down Net 145.00
 117 Volt AC Power Supply. Shpg. wt., 6 lbs.
HE-542WX 5.00 Down Net 145.00



6 METER CONVERTER MODEL 3275

Model 3275 is an effective converter which provides 6 meter reception when operated in conjunction with an automobile radio. Triple conversion gives maximum image rejection. Calibrated dial utilizes planetary drive. Operation is directly from 12 volt car battery. Unit is compact and is mounted readily under dashboard with bracket provided. Noise clipper built-in. Shpg. wt., 5 lbs. For 12 volt battery system only.
HE-522 5.00 Down Net 74.50

MSB-1 MOBILE SSB TRANSCIVER

- 125 watts PEP Input
- VFO — 80 Thru 10 Meters
- Complete with 12 VDC Supply



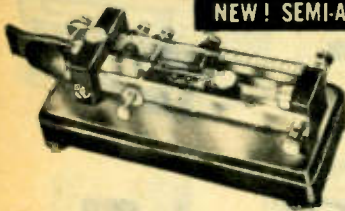
A compact SSB/CW transceiver for mobile or fixed station use. Mounts readily under the dash. Single knob VFO tunes both transmitter and receiver. Transmitter rated at 125 watts PEP input on Upper-Lower Sideband and CW. Effective quartz crystal filter to eliminate the unwanted sideband. Operation on 80 thru 10 meters. Voice Control, Push-to-Talk, and Phone Patch provisions are other quality features for ease-of-operation. The receiver is a sensitive, selective superhet design. Sensitivity — better than 1 uv for 6 db S+N/N Ratio. Band pass crystal filter for notch selectivity. Comes complete with 12 VDC transistorized power supply (external). Size 5x12x12" D. 12 Volt power supply 3½x7½x8¼" D. In an attractive gunmetal housing. Shpg. wt., 27 lbs.
HE-543WX 10.00 Down Net 795.00
 115 Volt AC power supply. Shpg. wt., 6 lbs.
HE-542WX 5.00 Down Net 145.00

SUPER 12 CONVERTER

Amateur converter for mobile use. Covers 80-40-20-15-10 meter amateur bands. The Super 12 is easily installed. Unit is compact in size and features excellent sensitivity and stability. Built-in power supply works directly off car battery. Shpg. wt., 6 lbs.
HE-519 MODEL 3261 5.00 Down Net 74.50

AMATEUR KEYS AND EQUIPMENT *Save 33 1/3 to 50%*

NEW! SEMI-AUTOMATIC "BUG"



SUPER SPEED TELEGRAPH KEY

9.95

Lafayette Special—Reg. Value 20.00

Fully the equal of keys selling at almost twice the price! 7 adjustments for speed and comfort. Precision-tooled, anti-rust nickel-plated brass and stainless steel operating parts. Speed adjustable 10 wpm to as high as desired. 1/8" silver contacts; weight scale for reproducible speed settings. A real bargain for radio amateurs and professional CW operators! 6 3/4" L x 3 W x 2 1/4" H, exclusive of knobs and feet. Shpg. wt., 3 1/2 lbs.
MS-435—Semi-Automatic "Bug" Net 9.95

NEW! CODE PRACTICE SET

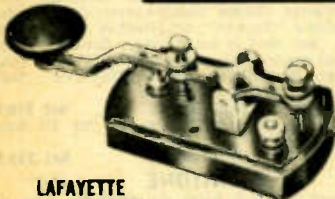


1.79

LAFAYETTE SPECIAL

A budget item for the beginning amateur and code practice groups. Key has adjustable spring tension, and adjustable contact clearance. High frequency buzzer has frequency, and tension adjustment with lock nuts to assure constant frequency. There is provision for insertion of head set by means of binding posts with knurled tightening screws. For individual, group or remote listening. Uses Burgess #2 1 1/2 Volt battery. Base 6 3/4" L x 2 3/4" W x 1 3/8" D, overall length 8 1/2". Shpg. wt., 2 lbs. (less battery).
MS-438—Code practice set Net 1.79
BA-157—Burgess #2 Net .13
MS-369—Stethoscope Headset Net 1.39

SAVE ON NEW TELEGRAPH KEY



LAFAYETTE SPECIAL

69¢

Economical key for beginning amateurs. Solid, heavily chrome and nickel plated metal parts, molded phenolic base. Adjustable spring tension and adjustable metal parts, molded phenolic base. Adjustable spring tension and adjustable contact clearance. 2 mounting holes in base. Base 3 1/4" L x 1 1/4" W. Overall length 5"; height 1 3/8". Shpg. wt., 12 oz.
MS-318—Telegraph Key Net .69

NEW! LAFAYETTE "BRASS-POUNDER'S" KEY



1.95

LAFAYETTE SPECIAL

- WITH BALL-BEARING PIVOTS
- SOLID POLISHED-BRASS BASE

A better quality precision-made key designed for hard usage. Spring tension and contact clearance adjustments; 3/16" silver contacts; adjustable ball-bearing pivots; Circuit closing switch. Base 3x2"; overall size 5x2 3/8 x 1 1/4". Shpg. wt., 1 1/2 lbs.
MS-428—Telegraph Key Net 1.95

NEW! HIGH FREQUENCY CODE PRACTICE BUZZER



79¢

Reg. Value 2.50

Adjustable frequency buzzer ideal for individual or group code practice. Perfect code item for the ham shack. Black molded phenolic housing. Works with 1 1/2 volt battery. Screw adjustment for changing tone. 1 7/8" diam. x 1 1/4" high. Shpg. wt., 5 oz.
MS-436—Buzzer Net .79

TRANSISTORIZED CODE PRACTICE OSCILLATOR



- MINIATURE-PORTABLE
- SELF CONTAINED BATTERY POWER SUPPLY
- PRODUCES CLEAR, CRISP, CW NOTE

Here is an ideal, inexpensive code practice oscillator for the amateur radio enthusiast. Long 38 inch wire from oscillator to earpiece, allows two persons to practice without interference. The unit is completely portable, and weighs only 6 oz. Tone produced is clear and crisp, similar to that received during F.C.C. licensing examinations. Low voltage transistorized circuit utilize 1.5 volt penlight type battery which completely eliminates any possible shock hazard. Earpiece is crystal type, and housed in sanitary plastic. Shpg. wt., 5 oz.
F-429 Oscillator only Net 2.29



2.29

CODE PRACTICE OSCILLATOR WITH KEY

Above oscillator plus adjustable telegraph key (MS-319). Key has spade lug connectors, making it possible to disconnect the key from the oscillator and use it separately if desired. Shpg. wt., 9 oz.
F-479 MS-319 Key and Oscillator Net 2.95

AMECO RECORD CODE COURSES

Fast, simple way to learn code for commercial and amateur licenses. Junior course designed to take you from start to 7 1/2 words per minute; Senior course from start to 18 words per minute; Advanced course from 8 to 18 words per minute. Junior set consists of 5 records for 78 and 45 rpm; 1 for 33 1/2 rpm. Senior Set consists of 11 records for 78 and 45 rpm; 2 for 33 1/2 rpm. Advanced set consists of 6 records for 78 and 45 rpm; 1 for 33 1/2 rpm. Number in bracket indicates shpg. wt.

Type	33 1/2 Stock No.	Net	45 Stock No.	Net	78 Stock No.	Net
JR.	PR-47 (1 lb.)	4.95	PR-41 (2 lb.)	5.95	PR-40 (4 lb.)	6.95
SR.	PR-48 (2 lb.)	9.50	PR-43 (3 lb.)	10.50	PR-42 (7 lb.)	11.50
ADV.	PR-49 (1 lb.)	4.95	PR-45 (2 lb.)	4.95	PR 44 (4 lb.)	5.95

LAFAYETTE SPECIAL CODE COURSE



10 LESSONS ON A 12" LP RECORD

3.50

Learn Morse Code the modern practical way. Supplied with 10 lessons and a non-breakable high quality 33 1/2 rpm long playing record, recorded with code sound to provide further aid. Perfect for home studying. Speed progresses steadily from 2 to 15 wpm. Complete with sturdy record album and instruction manual. Shpg. wt., 1 1/2 lbs.

PR-13 Lafayette Code Course Net 3.50

VIBROPLEX SEMI-AUTOMATIC KEYS

LESS CORD AND WEDGE

"Champion". Designed for a low priced Vibroplex in the radio field. Of high quality for clear, speedy and easy sending. Ideal for amateur or professional radio operators. Chromium finished top parts with black crystal base. Single lever with 2 pairs of contact points. Shpg. wt., 4 lbs.

MS-715 Net 15.95

"Original". Acclaimed by veteran operators for its extremely smooth, clear, rapid, effortless and accurate operation. A rugged, well built, expertly engineered machine for all classes of transmitting work. Large contact points. Die cut dot contact. Chrome-plated mechanism. Cast-iron base. Shpg. wt., 5 lbs.

MS-716 Net 19.95

Deluxe "Original". As above but jeweled bearings, chrome-plated base. Shpg. wt., 5 lbs.

MS-717 Net 23.95

"Blue Racer". Very similar to the "Original", but half size. Compact and light weight. Shpg. wt., 4 lbs.

MS-718 Net 19.95

"Blue Racer" Deluxe. As above but jeweled bearings. Chrome Base. Shpg. wt., 4 lbs.

MS-719 Net 23.95

Cord and wedge for above. Specify model of key.

MS-854 Shpg. wt., 8 oz. Net 1.75



SHORTWAVE, HAM AND MARINE EQUIPMENT



MONITORADIO NEW FM RECEIVERS

Highly sensitive FM receivers for police, fire, forestry, taxi, civil defense, marine and industrial applications. Receivers are quality built for long life and dependable trouble-free service. Features sensitive superheterodyne circuit, built-in 4" speaker, and minimum noise under "no-signal" conditions. Specifications: PR-35 covers 30-50 MC. PR-155 covers 152-174 MC. Sensitivity: 10 Microvolts for ± 5 KC deviation; Selectivity: 100 KC. for 117 V AC or DC. Size: $9\frac{1}{2} \times 6\frac{1}{2} \times 5\frac{1}{2}$ ". Shpg. wt., 6 lbs.

PR-35 FM Receiver; Covers 30-50MC
HE-282 2.00 Down Net 49.95
PR-155 FM Receiver, Covers 152-174MC.
HE-283 2.00 Down Net 49.95



MONITORADIO FIXED FM RECEIVERS

Extra sensitive FM receivers for police and fire departments, Civil Defense, and industry use. Ideal for any type

of fixed or portable application. Sensitivity of 4 μ v or less for full 20 db quieting. Built-in squelch eliminates noise between transmissions. Built-in 5" speaker, 8 watt output. Two-tone metal cabinet $11\frac{1}{4} \times 7\frac{1}{2} \times 6\frac{1}{2}$ ". For 105-125 volts 60 cycle AC only. Shpg. wt., 15 lbs.

MODEL MR-10 tunable FM receiver for 152-174 MC band.

HE-270WX 5.00 Down Net 64.50
MODEL MRC-10 crystal-controlled FM receiver for 152-174 MC band. Shipped from factory with crystal installed and adjusted. Specify exact frequency desired. Wt., 15 lbs.

HE-271WX 5.00 Down Net 76.50

MODEL CA-2 antenna for MR-10 and MRC-10 receivers. HE-272 Shpg. wt., 1 lb. Net 5.00

MODEL MR-33 tunable FM receiver for 30-50 MC band. HE-273WX 5.00 Down, Shpg. wt., 15 lbs. Net 64.50

MODEL MRC-33 crystal-controlled FM receiver, for 30-50 MC band. Shipped from factory with crystal installed and adjusted. Specify exact frequency desired. Shpg. wt., 15 lbs.

HE-274WX 5.00 Down Net 76.50

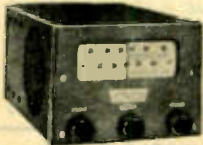
MODEL A-30 antenna for MR-33 and MRC-33 receivers. HE-275 Shpg. wt., 1 lb. Net 7.50

MODELS CF-1 and DM-1 facilitate reception of narrowed-bandwidth FM transmissions established by recent FCC regulations. For MR-10, MRC-10, MR-33 and MRC-33. CF-1 Crystal Filter increases selectivity. Shpg. wt., 2 lbs.

HE-276 2.00 Down Net 29.95

DM-1 RATIO DETECTOR MODIFICATION KIT increases audio output.

HE-277 Shpg. wt., 3 lbs. Net 69.50



MONITORADIO MOBILE FM RECEIVERS

High quality mobile receivers for governmental, municipal and industrial uses. These tunable receivers cover

the entire FM communications bands with excellent sensitivity. 10 tube circuit features a fully tuned RF amplifier, dual conversion, and two stages of limiting followed by the discriminator. Power output is .8 watts, built-in 4" speaker. For 12v. DC 3.9 amperes. Housed in attractive cabinet, only $4\frac{1}{2} \times 6\frac{1}{2} \times 8\frac{3}{8}$ ". Shpg. wt., 10 lbs.

MODEL M-40 Mobile FM receiver for 30-50 MC band. Sensitivity 2 μ v for 20 db quieting.

HE-278WX 5.00 Down Net 99.50

MODEL M-40 Same as above, but crystal-controlled. HE-279WX 5.00 Down Net 114.50

MODEL M-160 Mobile FM receiver for the 152-174 MC bands. Sensitivity 4 μ v for 20 db quieting.

HE-280WX 5.00 Down Net 99.50

MODEL MC-160 Same as above, but crystal-controlled. HE-281WX 5.00 Down Net 114.50

Specify Frequency for MC Models
NOTE: Crystal-controlled Receivers must be ordered special and are subject to a 4 to 5 weeks delivery delay.

AMECO NEW MOBILE CONVERTERS

- For 6 and 11 Meter (Citizens) Bands
- For Ham, Police, Fire, Marine Bands, etc. From 2 Mc to 54 Mc.
- Work Into Broadcast Receivers



MODEL CLA CONVERTER
A crystal controlled converter that can cover any specified frequency from 2 Mc to 54 Mc. This covers the ham bands, police, fire, Citizens, Marine, etc. The converter consists of a 12D6 tube and has a 1 microvolt usable sensitivity, making this unit extremely sensitive to even the weakest signals. It uses the car's 12 volt battery supply and all you have to do is plug the antenna into the converter. While it is crystal controlled, the user can, by changing the crystal and adjusting a trimmer, change the converter, to pick up other frequencies. Ideal for Police and Fire Auxiliaries. $3\frac{1}{2} \times 2\frac{1}{2} \times 3\frac{1}{2}$ " D. Shpg. wt., 1 1/2 lbs.



HE-850 Model CLA For Citizens Band Net 19.55
HE-851 Model CLA For 6 Meters Net 19.55
*HE-852 Model CLA For Any Other frequency from 2 to 54 mc. Specify frequency Net 20.53

MODEL CLB CONVERTER

Same as CLA but has an additional 12EK6 RF stage. The useable sensitivity is down to one-quarter of a microvolt making this unit extremely sensitive. $3\frac{1}{2} \times 2\frac{1}{2} \times 3\frac{1}{2}$ " D. Shpg. wt., 2 lbs.

HE-853 Model CLB for 6 meters Net 24.45

HE-854 Model CLB for Citizens Band Net 24.45

*HE-855 Model CLB for any other frequency from 2 to 54 mc. Specify frequency Net 25.43

* On special order and subject to 3 weeks delivery.



NEW! AMECO SQUELCH AND AUTOMATIC NOISE LIMITER

- Requires only 12 Volts B+
- Ideal for Hams, Ship-to-Shore Radio, and Citizens Band
- Will Fit In Any Area — Only 1 1/2" high

Provides full squelch and noise limiting to any auto or home receiver that is used for shortwave reception. Quiets the receiver when no signal is being received and reduces unwanted noise from ignition systems and other sources. Requires no high voltage — 12 or 6 volts from car battery is the only power needed. Utilizes 2-12 volt hybrid tubes for economical operations. An adjustable squelch control and noise limiter switch provide versatile performance. Compact — $1\frac{1}{4} \times 4 \times 5\frac{1}{2}$ " D — Shpg. wt., 1 1/2 lbs.

HE-858 For 12 volt sets Net 17.39

HE-859 For 6 volt sets Net 17.39

AUTOMATIC NOISE LIMITER — For operation where squelch control is not required. Intended for mobile and fixed station use — It reduces ignition noise and other unwanted interference. $1 \times 1\frac{1}{4}$ ". Shpg. wt., 1 lb.

HE-856 For 12 volt sets Net 7.79

HE-857 For 6 volt sets Net 7.79

SONAR DIRECTION FINDERS

MODEL DF6X

Completely transistorized, self-contained, battery operated Direction finder. Built-in sense amplifier for precise determination of true bearing. SINGLE NULL INDICATION TO $\pm 1\%$ ACCURACY. Operates on long lasting energizer-type battery with up to 4000 hours of life. Three Bands — Beacon (195-420 Kc); Broadcast (525-1650 Kc); and marine (1600-3500 Kc). High-Q, flat loop antenna plus collapsible sense antenna. All aluminum, non-magnetic construction. Employs 9 transistors. $13\frac{1}{4} \times 10\frac{1}{4} \times 8\frac{1}{2}$ " H. Shpg. wt., 18 lbs.

HE-355WX 10.00 Down Net 249.50

MODEL DF4X

Battery operated unit tunes beacon, broadcast, and marine frequencies. Crystal-controlled reception on 2182 kc emergency channel or any other frequency from 2 to 3 mc. Size: $10\frac{1}{2} \times 11\frac{1}{2}$ ". Less Batteries. Shpg. wt., 18 lbs.

MODEL DF4X Director Finder HE-354WX 5.00 Down Net 179.95

Batteries Required: Burgess 2 ea. B-30 1 ea. 8F Net 9.00

HE-365 Crystals for operation on 2 to 3 mc. Specify Frequency Net 5.00

SONAR ACCESSORIES

Pair of Matched Crystals for Marine Band Radio-television Models. Specify Frequency. Shpg. wt., 2 oz.

HE-364 Net pair 10.00



MARINE RADIO EQUIPMENT

Sonar "VANGUARD" 35 WATT 2-WAY RADIO-TELEPHONE



THE IDEAL UNIT FOR ALL BOATS
Now Sonar offers a powerful, lightweight marine radio-telephone with an unusually low current drain. Ideal for the smallest outboard to the largest cruiser. Easily installed and detached without retuning. Features: 5 pre-tuned channels plus standard broadcast band. Long range transmitter and extra sensitive receiver. Rugged separate power supply can be installed anywhere on the boat. Specifications: 35 watt input to final tube. Frequency: 2000-3500KC. Comes with a permanent, center-loaded antenna with 2 insulated mounting brackets. $7\frac{1}{2} \times 13 \times 7\frac{1}{2}$ " D. Shpg. wt., 17 lbs. M35WBA Marine Radio Telephone.

HE-350WX Specify 6 or 12 volts 10.00 Down Net 299.95



SONAR 65 WATT MARINE RADIO-TELEPHONE TRANSMITTER

6 marine channels plus a standard broadcast band — in a compact, self contained unit, including receiver, transmitter, and power supply. Tuned RF Amplifier in receiver provides high sensitivity and selectivity. Triple-scale, accurately calibrated meter. Transmitter rated at 65 watts. Adjustable squelch eliminates background noise. Frequencies 2000-4500 Kc. Power supply utilizes a low drain vibrator and two silicon rectifiers. All components protected against salt water spray and fungus. Comes in a sturdy, non-magnetic, lightweight aluminum case. Hammertone finish. Size $14\frac{1}{2} \times 7\frac{1}{2} \times 12$ " H. Shpg. wt., 25 lbs.

HE-351WX Specify 6 or 12 volt. 10.00 Down Net 395.00

SONAR 94 WATT MARINE RADIO-TELEPHONE

Complete with mike and power supply
Superior radio telephone featuring 6 marine channels plus standard broadcast band. Built-in meter accurately calibrated; built-in speech compression creates greater talking power. Frequency range 2000-4500 kc. Transmitter-receiver — Features — Low Power tune up; Lightweight non-magnetic aluminum chassis and case, treated against salt water spray and fungus. $14\frac{1}{2} \times 7\frac{1}{2} \times 12$ " D.

MODEL 90 94-watt; separate dynamotor.

HE-352WX Specify 12 or 32 VDC or 117 VAC Shpg. wt., 43 lbs. 10.00 Down Net 495.00

MODEL 160 150-watt with 2 dynamotors.

HE-353WX Specify 12 or 32 VDC or 117 VAC Shpg. wt., 50 lbs. 10.00 Down Net 595.00

SONAR D-120B

DEPTH INDICATOR

Accurate, rugged depth indicator, measuring from 1 to 250 feet. Easily installed, requires 6 or 12 VDC. Size: $9\frac{1}{2} \times 7 \times 6$ ". Complete with transducer, gimbal and fairing block. Shpg. wt., 13 lbs.



MODEL D-120B for bulkhead mounting. Shpg. wt., 13 lbs.

HE-356WX Specify 6 or 12 volts 5.00 Down Net 139.50

MODEL D-125 DEPTH ALARM. Same as above with automatic safety alarm added. Alarm sounds off when boat reaches any predetermined minimum depth. Set it and forget it. Shpg. wt., 12 lbs.

HE-358WX Specify 6 or 12 volts 5.00 Down Net 198.50

MODEL D-600. Deep sea version of model D-120B. Reads 0-600 feet. $11\frac{1}{2} \times 7\frac{1}{2} \times 7\frac{1}{2}$ ". Shpg. wt., 10 lbs.

HE-359WX Specify 6 or 12 volts 10.00 Down Net 249.50

MODEL D-60 TRANSISTOR

DEPTH INDICATOR

A lightweight, fully transistorized depth indicator for the fisherman and boatman. Can be installed anywhere in any size boat. Reads up to 120 feet on two revolutions (1-60 ft. on 360° scale; 1 ft. calibrations). A valuable aid in finding fish in salt or fresh water; in navigating through shallow waters; in spotting wrecks, obstructions, types of bottom. Constructed of aluminum, non-magnetic salt water spray-resistant case. Complete with transducer and gimbal. Operates from battery or 6 or 12 volt source. Measures $5\frac{1}{2} \times 5\frac{1}{2} \times 6\frac{1}{2}$ " D. Shpg. wt., 2 1/2 lbs.

HE-360WX Specify 6 or 12 volt. 5.00 Down Net 114.95



SELECTED AMATEUR, SHORTWAVE and MOBILE EQUIPMENT

LAFAYETTE MODEL TM-15



WAVE-METER for AMATEUR and CITIZEN BANDER

A miniature wavemeter for checking transmitter output. Determines relative strength of fundamental frequency and any harmonic or parasitic radiation, and in so doing aids in elimination of these unwanted emissions. Complete and self contained, the TM-15 requires no power source. Telescoping antenna is included. Merely choose proper band and turn tuning knob until edgewise $\frac{3}{4}$ " panel meter indicates the presence of RF. If indications occur at several points within the range of the wavemeter, the transmitter is probably radiating spurious frequencies. Tunes 1.6 to 150 mc in four calibrated bands. Only $3\frac{1}{2}$ "x $2\frac{3}{4}$ "x $1\frac{1}{2}$ "D. Antenna is $10\frac{3}{4}$ " extended. $3\frac{1}{4}$ " telescoped, is fitted with a banana plug and is removable. Total shpg. wt., 8 oz.

TM-15 Net 8.95

TELEGRAPH TRANSMITTER

And Code Practice
Oscillator



Only **2.95**
2 for 4.90
4 for 8.75



- Send and receive for miles on one wire! • Ideal for Network Practice
- For Individuals, Group, Classrooms, Bams, etc.
- An ideal communications instrument that can be set up, with others, for network practice in classrooms, groups, house to house, etc. Adjustable spring tension and contact clearance. Crystal earphone—high output—lightweight. Molded Bakelite base. Lightweight, only 6 oz., yet designed to give good stability while in use. Complete with 50 ft. of wire on reel, ground spike, ground wire, earphone and Morse code sheet. Uses 1.5V battery (not included). Overall $4\frac{1}{2}$ "x $4\frac{1}{2}$ " high. Shpg. wt., 1 lb.

F-552 Telegraph Transmitter Net 2.95
BA-157 Battery for above Net .13

Cesco STANDING WAVE REFLECTOMETER



A quality instrument for continuous measurement of standing waves on transmission lines. For continuous line insertion at powers from 25 to 1000 watts, 3 to 200 megacycles. Requires only 10 watts output above 7 mc, 5 watts above 100 mc. SWR observed immediately at all times without adjustment of Reflectometer. Line insertion loss less than 1 db at 30 mc. Grey hammertone aluminum case measures $5\frac{1}{2}$ "x $3\frac{1}{2}$ "x $2\frac{1}{2}$ "D. Key-type mounting provided on back. Shpg. wt., 3 lbs.

Model CM-52. For 52 ohm coaxial line. ME-193 2.00 Down Net 29.95
Model CM-75. For 75 ohm coaxial lines. ME-192 Net 29.95

Cesco CITIZENS TRANS-I-CHECK



The Transicheck is a test instrument to check power output and antenna efficiency of Citizens Band Transmitters. Can be used for resonating or tuning transmitter power output plate circuit, and adjusting antenna loading capacitor for maximum output. Incorporates a sensitive indicating meter with dual scales: Upper scale indicates match or mismatch of line to antenna; lower scale indicates power output. Grey hammertone aluminum case measures $4\frac{1}{2}$ "x $2\frac{1}{2}$ "x $1\frac{1}{2}$ "D. Shpg. wt., 3 lbs.

Model CB-52-C. With Coax connector. ME-190 Net 19.95
Model CB-52-S. With auto spade connector. ME-191 Net 18.95

AMECO CD-1 CONELRAD MONITOR



Entirely quiet Conelrad Monitor which connects to any receiver with AVC. The receiver, normally quiet, sends out a clear tone when Conelrad operation begins. Complete with tube and transformers, and plug-in connectors. Shpg. wt., 4 lbs. HE-393 Net 14.65



AMECO FOLDED DIPOLE ANTENNA KITS

Easy-to-put-up folded dipole antennas complete with dipole, 75 ft. of lead-in wire, and connector wire. No soldering necessary, antenna handles to 300 watts of signal. Avg. shpg. wt., 4 lbs.

ME-396	Model FD-10 for 10 meters	Net 3.43
ME-397	Model FD-20 for 20 meters	Net 3.87
ME-398	Model FD-40 for 40 meters	Net 4.85
ME-399	Model FD-80 for 80 meters	Net 6.60

TAPEDCODE



Prerecorded magnetic tapes containing a complete course in the International Morse Code. The tapes are 7" 1200 ft. and can be played on any standard tape recorder.

Playing time 2 hours per tape. Shpg. wt., $1\frac{1}{2}$ lbs. NOVICE Basic instructions & code 4-8 WPM. RT-14 Net 6.35
ADVANCED Code at 9-18 WPM RT-15 Net 5.39

B & W MODEL 600 GRID-DIP METER



Versatile test instrument for shop or ham shack. Tunes 1.75 to 260 mc. in five ranges, uses color-coded dial and plug-in coils. Used as grid-dip meter, signal generator or wave-meter. Complete with coils and rack. For 110-120 volts AC. Size $3\frac{1}{2}$ "x $3\frac{1}{2}$ ". Shpg. wt., 3 lbs. Grid-Dip Meter ME-300 2.00 Down Net 45.72

B & W LOW PASS FILTERS



Eliminates TVI problems forever... 85 db attenuation throughout TV band... 100 db on channel 2! Completely self-contained, usable with transmitters to 1 kw, using coaxial transmission line. ME-301 Model 425 for 52 ohm coax. Net 17.10
ME-302 Model 426 for 75 ohm coax. Net 17.10

B & W T-R SWITCH



Automatic antenna changeover, with transmitters to 1 kw. Provides up to 6 db gain at 3.5 mc. for better reception. For 52 or 75 ohm lines. $3\frac{7}{8}$ "x $5\frac{3}{4}$ ". Shpg. wt., 2 lbs. Model 380B T-R switch ME-303 2.00 Down Net 23.70



R. L. DRAKE TVI FILTERS

FOR USE AT THE TV RECEIVER

TV-300HP—Cuts off below 52 mcs. for 300 Ω line. TS-150 Net 3.50
TV-72HP as above, but for 72 Ω line. TS-311 Net 3.50
TV-300HP (RCA plug-in) for RCA receivers. TS-312 Net 3.50

FOR USE AT THE TRANSMITTER

TV-100LP Attenuates above 54 mc. Handles 100 watts 6-160 meters, 20-watts on 6 meters. For 52 ohm line. TS-313 Net 5.83
TV-1000LP as above, but handles 1 KW 6-160 meters, 200 watts on 6 meters. TS-314. Net 14.65



24-HOUR STATION CLOCK

- Tell world-wide time at a glance!
- Ideal clock for the amateur, short-wave listener and for commercial stations.

TD-2400, self-starting, accurate clock for telling world-wide as well as local time. Calibrated in hours, 0100 to 2400; in minutes and seconds, 1 to 60. Has black hands with red sweep second hand. 6" dia. rotating inner dial, frictionally attached to hour hand, in red and blue. Shows time directly in all time zones. Simply set hour hand and inner dial for your time-zone, then read the time in any zone easily, quickly, accurately. 10" dia. For 110-120 volt, 60 cycles, A.C. Shpg. wt., 4 lbs. ML-82—Net including excise tax 14.85

AMECO CODE PRACTICE OSCILLATOR



- VARIABLE TONE CONTROL
- IN KIT OR WIRED FORM

This Code Practice Oscillator, for 110 volts AC or DC, with built-in 4 inch speaker, produces a pure, steady tone. It can take a large number of headphones or keys. The oscillator is easily converted to an excellent c.w. monitor. With tubes shpg. wt., 3 lbs. ME-400 MODEL CPS-KT. Kit Net 13.47
ME-401 MODEL CPS-WT. Factory wired Net 14.65

24 HOUR ELECTRIC WORLD CLOCK

- Adjustable for Various Time Zones
- South Polar Projection
- 8" Overall diameter

Net **8.47**



Tells world time at a glance. Self starting, accurate electric clock. Tells world-wide as well as local time. Calibrated in hours—1 to 24, minutes and seconds—1 to 60. Reads universal military time in any zone. Quickly, easily and accurately. Polar projection dial adjusts for various time zones. Black dial with white graduations. Chrome plated case. U.L. approved. 110-120 V. 60 cyc. AC. Shpg. wt., $1\frac{1}{2}$ lbs. ML-210 including excise tax Net 8.47

SELECTED Amateur, Short Wave and Mobile COMPONENTS

NEW! POLY-COMM PC-62 SIX AND TWO METER TRANSCEIVER



A new concept in a VHF Package Station

299.50

- Versatile — For Fixed and Mobile Use
- Complete Station for 6 and 2 meters
- VFO Controlled — 20 Watt Transmitter
- Triple Conversion Receiver
- Mobile 12 VDC Plus Fixed 115 VAC Power Supply
- Push-To-Talk Operation

The Poly-Comm "6-2" represents an entirely new concept in a completely self-contained VHF Station. Offering features never before obtainable in one unit, and at a price considerably lower than any comparable unit, this transceiver has taken amateurs by storm. Not a collection of separate station components, the "6-2" is a precision engineered transmitter, receiver, and power supply. The transmitter is VFO controlled on both 6 and 2 meters and is independent of receiving frequency. Two crystal positions are also offered for network, RACES, and Civil Defense work. Power Input 20 watts. Class A 100% modulation. Modified pi-net output for efficient operation. The push-to-talk microphone makes for convenient mobile operation. The receiver is a TRIPLE CONVERSION tuneable Superheterodyne type providing high selectivity, sensitivity, and image rejection on both 6 and 2 meters. 3 RF stages — Crystal controlled 2nd and 3rd conversion stages. Regulated power supply on all oscillators. Squelch, ANL, and AVC round-out this fine receiver section. Built-in power supply operates on 115 VAC and 12 VDC. 13 tubes, plus 3 diodes, plus voltage regulator and transistor gives 20 tube performance. Size 11x8 1/2 x 5". Shpg. wt., 21 lbs.

HE-298WX 10.00 Down Net 299.50

FREE with POLY-COMM PC-62

Cush Craft



DUAL HALO 2 and 6 METERS

A horizontally polarized mobile or fixed station antenna for Amateur and CD. users in the two and six meter bands. Single feed line with two and six meter halos interconnected. Concentric gamma match for 52 or 72 ohm

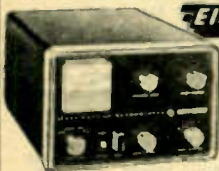
coax feeders. Broadband coverage. Neat perfect omnidirectional pattern. Comes complete with mast to fit any standard mobile mount and instructions. Shpg. wt., 4 1/2 lbs.

HE-745WX Net 17.45

COMBINATION PACKAGE

HE-298 WX AND FREE HE-745WX

SP-194WX 10.00 Down Net 299.50



EICO MODEL 723 CW TRANSMITTER

Compact CW transmitter ideal for the novice or for the advanced ham requiring a low-power, stand-by rig. 60 watts input to a rugged 6DQ6GB neutralized final on CW; external plate modulation terminals permit use as an AM phone transmitter of up to 50 watts input. Oscillator keying for break-in operation. Features a one-knob bandswitch covering 80, 40, 20, 15, and 10 meters, and a one-knob power-tune-operate switch. Output pi-network. Panel meter can be switched into either grid or plate circuit of final. Rear apron load switch inserts extra capacity for low Z loads on 80 and 40 meters. Modulator/accessory socket for modulator input, antenna relay, VFD power take-off, and emergency power input. Effective TVI suppression through filtering and by-passing. Size: 6x8 1/2 x 9". Shpg. wt., 15 lbs.

HE-323WX Kit 2.00 Down Net 49.95

HE-324WX Factory Wired 5.00 Down Net 79.95

AMECO 6 THRU 80 METER TRANSMITTER KIT

83.25



A versatile phone and CW transmitter kit for the novice, technician, and experienced amateur. The TX-86 covers 80 thru 6 meters with a powerful 90 watts CW and 90 watts peak input on phone. Contains many features found only in transmitters costing many times more: Audio Gain Control; Potentiometer drive control; push-to-talk microphone jack; and a pi-network output to match antennas from 35 to 600 ohms. The 6146 Final Amplifier work "straight-thru" on all bands, eliminating troublesome doubling in the final. Switch allows choice of transmitter's crystal controlled oscillator or an external VFO. Comes less power supply. (See below). Size 5Hx7Wx7"D. Shpg. wt., 6 lbs.

HE-388WX Kit For 12 volt filament Net 83.25

MODEL TX-86. Completely wired and tested. For 12 volt filament.

HE-389WX 5.00 Down Net 107.75

AMECO POWER SUPPLY, MODEL PS-3. An AC power supply — that provides all the power requirements for the TX-86. Provides — 12.6 volts at 3 amps; 300 volts at 100ma; and 600 volts at 150ma. Silicon rectifiers for excellent voltage regulation. Can be used to power the TX-86 in addition to other accessories. Size 7Hx4Wx9"D. Shpg. wt., 14 lbs.

For 12 volt filament.

HE-390 Wired & Tested 2.00 Down Net 44.05

MOBILETTE "61" All Transistor CRYSTAL CONTROLLED CONVERTER

- For Amateurs, CB, SWL C.A.P., Vol Fire and Police, C-D, etc.

Now—in a matter of minutes your standard broadcast car radio becomes a shortwave radio—bringing in stations from around the world! Has R.F. stage of amplification for increased overall gain. Separate antenna input jacks—one for broadcast antenna and one for band resonant antenna for shortwave reception. Operates on 12 and 6 volts from car cigarette lighter socket. A "snap" for anyone to install! Miniature size. Shpg. wt., 2 lbs.

Stock No.	Type No.	Meters
HE-877	630-110	6 (50-51 mc)
HE-878	630-111	10 (28.5-29.5 mc)
HE-879	630-113	15 (21-21.6 mc)
HE-880	630-114	20 (14-14.4 mc)
HE-881	630-115	40 (7-7.4 mc)
HE-882	630-116	75 (3-3.6 mc)
HE-883	630-117	WWV (10 mc)
HE-884	630-112	11 (26.9-27.3 mc) Citizens Band
HE-885	630-118	C.A.P. (4500kc)

ANY OF ABOVE Net Each 22.95

MOBILETTE "61" SPECIAL*

For any frequency from 2000kc to 54mc. Specify exact frequency desired and spot it is to appear on your broadcast receiver's dial.

HE-886—Type 630-119 Net 25.95

*On special order. Allow 4 weeks for delivery.



EICO 720K TRANSMITTER KIT

Brand new 90 watt band switching rig for 80 through 10 meters. Features a 6146 Final amplifier for 90 watts CW input, up to 65 watts phone with external modulation. 6AQ5 clamper tube protects final in case of loss of excitation. Variable pitch Pi-net output matches 50-1000 ohm loads. Oscillator keying permits full break-in operation. Panel meter indicates exact operating currents and helps in tuning up. Its "novice limit" calibration safeguards the novice against exceeding the 75 watt power limit. Tubes: 6CL6 Colpitts oscillator, 6AQ5 buffer-multiplier, 6146 final amplifier, 6AQ5 clamper, and GZ34 rectifier. Copper plated chassis, ceramic switches, ingenious metal case with complete shielding. 5Hx15Wx9 1/2"D. Shpg. wt., 27 lbs. With all parts and instructions.

HE-310WX Kit 5.00 Down Net 79.95

MODEL 720 above factory wired.

HE-311WX 5.00 Down Net 119.95

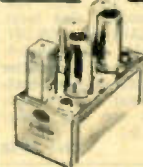
NEW! AMECO AC-1T AMATEUR TRANSMITTER KIT

- IDEAL FOR NOVICE
- SELF CONTAINED

The ideal unit for beginner or novice. Contains transformer powered AC power supply. Uses a Pi-network output circuit to load random length wire antenna. No antenna tuner required. Has full 15 watt input on 40 and 80 meters. Easy to build and operate. Complete with punched chassis, all parts, tubes (6V6 and 6X5) and instructions. Shpg. wt., 8 lbs.

HE-394 Transmitter Kit Net 19.55

HE-395 CK1 extra coil kit Net 7.3



AMECO 6-METER BROADBAND CONVERTER KIT MODEL CB-6K

Now you can convert any receiver to cover the 6 meter band. Crystal controlled. Utilizes a 6U8A mixer-oscillator, a 6BS8 cascade RF amplifier and specially designed transformers. High sensitivity. Noise figure — better than 4 db. IF rejection — over 100 db. Housed in 2 piece satin finished copper chassis. WILL NOT BECOME OBSOLETE, since the IF output can be easily changed to match any receiver. Size 4x2 1/2 x 5". Comes less power supply. Complete with tubes, crystal for 7-11 MC or 14-18 MC IF output, and instructions. Shpg. wt., 1 lb.

HE-385 (Specify IF output) Net 19.95

HE-386 CB-6Wabove wired 2.00 Down Net 26.95

AMECO CB-2K 2 METER BROADBAND CONVERTER KIT

Similar to CB-6K except for 2 meter band. Utilizes 3 tubes for optimum performance. 6ES8 high gain, low noise, cascade first RF amplifier; 6U8A second RF amplifier and mixer, and 6J6 oscillator/multiplier. Crystal controlled for stable performance. Over 30 db gain. Comes less power supply but with tubes, crystal for 7-11 or 14-18 mc output, and instructions. Size 4x2 1/2 x 5". Shpg. wt., 1 lb.

HE-391 (Please specify IF output) Net 23.47

HE-392 CB-2W Wired and Tested Net 33.27



AMECO PS-1-K POWER SUPPLY

Housed in an attractive 2-piece Satin copper chassis that matches the CB-6 and CB-2. Supplies 125 volts DC at 50 ma and 6.3 volts AC at 2A. May be used to power CB-6, CB-2, and other accessories around the ham shack. Shpg. wt., 6 lbs.

HE-387 Wired and tested Net 11.27



EICO 730K MODULATOR KIT

Completely new high level class B modulator for phone operation, delivering 50 watts of audio to plate modulate the Eico 720 transmitter or any other transmitter of up to 100 watts. Multi-match output transformer matches 500-10,000 ohm loads, low level clipping and filtering for top modulation, built-in over-modulation indicator. Inputs for crystal or dynamic mike, phone patch, etc. Uses ECC83/12AX7, 6AL5, 6AN8, 2-EL34/6CA7, EM84, GZ34. 117V 60 cycles, 150 watts. 6x14x B". Shpg. wt., 21 lbs.

HE-312WX Kit 2.00 Down Net 49.95

HE-313WX 730 above wired 5.00 Down Net 79.95

HE-314 Model E5 cover for 730 Wt., 5 lbs. Net 4.50

NEW EICO 710K GRID DIP METER

Transformer-operated, versatile grid-dip meter small enough for single-hand use. Internal oscillator covers 300 KC to 250 MC in 7 overlapping ranges. Phone jack on panel permits listening to external signals; panel switch permits using the grid-dip meter as a tuned diode detector. Features sensitive meter, large calibrated scales, planetary drive tuning. 2 1/4 x 2 1/4 x 6 7/8". Shpg. wt., 4 lbs.

HE-315 Kit 2.00 Down Net 29.95

HE-316 710 above wired 2.00 Down Net 49.95

NEW!
LAFAYETTE
HYBRID PHONE
PATCH



AVAILABLE NOVEMBER 30, 1960

Enjoy the pleasure of handling phone patch traffic with this deluxe Hybrid Patch. Provides an accurate balance between 500 ohm line and station equipment. Hybrid circuit allows use of AM or SSB with VOX. Edgewise VU meter continuously monitors line level. All controls on front panel: NULL, GAIN, line ON-OFF, PATCH-MIC switch, and OPERATE-NULL meter switch. When VOX is desired, receiver signal at transmitter output is nullted out on meter to permit proper break-in operation. Compact, sloping cabinet will fit into any station arrangement. Sits on 4 non slip rubber feet. Size: 3½x4½x4¼"D. Shpg. 3 lbs.

HE-26 Net 24.50

TECRAFT CASCODE
CONVERTER
KITS



• For Hams, CAP, Police and Fire Depts., CD, etc.

Top performance where reliability counts! Designed to be used with general coverage receivers to provide reception on 6 or 2 meters. Noise figure approx. 4 db., 1/10 µv. input for signal 6 db over noise level. Gain better than 30 db. Passband 6 mc. @ 6 db down points. Power input: 6.3V AC @ 2.4 amps and 150-250 V DC @ .043 amp at max. voltage. Uses 5 tubes, crystal. Size 9½x3x4½" (not inc. tubes). Complete step-by-step assembly instructions. When ordering give tuning range of receiver. Cannot be used with regular broadcast receiver. Specify receiver that converter is to be used with. Shpg. wt., 5lbs.

Model CC5-50K 50-54 mc. (6-meter) converter kit.
HE-550 2.00 Down Net 29.95

Model CC5-144K 144-148 mc. (2-meter) converter kit.
HE-551 2.00 Down Net 29.95
(Be sure to give your receiver's range when ordering)

Model P-1 Power supply for above converters. Supplies 6.3 V AC @ 3 amps and 200 V DC @ .05 amp. For 110-120 V, 50-60 cycles. Size 5½x9¼x5". Shpg. wt., 6 lbs.
HE-552 Net 19.95

TRANSCON VOXBOX



• Lets You Keep Both
Hands On The Wheel

A compact voice operated electronic relay for automatic voice break-in. Perfect for mobile or contest work. Requires 150-225 VDC at 10 ma and 6 or 12 volts for filament. Relay has DPDT contacts. Gain and time delay controls and on-off switch on front panel. Size: 2½x4¼x4¼". Shpg. wt., 5 lbs.
HE-695 Model VB-308 2.00 Down Net 35.70



NEW! AMECO RADIO
AMATEUR LOG BOOK

New 60 page 6x9" log book. New simplified format makes Ameco log book convenient to use. Less time consumed in filling out station record. Shpg. wt., 1 lb.
BK-1524 Net .50

LAFAYETTE CITIZENS BAND
27MC. COLLAPSIBLE
ANTENNA



.79

Ideal for mobile or fixed transceivers, miniature portable and pocket transistor radios, and a host of similar applications. The 4 section antenna is made of chrome-plated brass and plugs into a jack. Measures 48" fully extended and retracted is 11" to facilitate carrying in pocket. Complete with a flexible plastic case and slip-under protecting flap. Shpg. wt., 8 oz.

F-440 Net .79

B & W MINIDUCTORS



Air wound, polystyrene insulation. Easily cut to size. All are 2" long except 1" diameter are 3" long. Shpg. wt., 6 oz.

DIAM.	STOCK #	4 TURNS PER IN.		8 TURNS PER IN.		
		TYPE	NET	TYPE	NET	
½"	HP-75	3001	.44	HP-76	3002	.44
⅝"	HP-79	3005	.53	HP-80	3006	.53
¾"	HP-83	3009	.62	HP-84	3010	.62
1"	HP-87	3013	.68	HP-88	3014	.68

DIAM.	STOCK #	16 TURNS PER IN.		32 TURNS PER IN.		
		TYPE	NET	TYPE	NET	
½"	HP-77	3003	.44	HP-78	3004	.44
⅝"	HP-81	3007	.53	HP-82	3008	.53
¾"	HP-85	3011	.62	HP-86	3012	.62
1"	HP-89	3015	.68	HP-90	3016	.68

ELECTRO-VOICE
MODEL 715SR
MOBILE AND CB
MICROPHONE



Model 715SR has been designed specifically for mobile communications use. Omni-directional ceramic type. Frequency response 60-7000 cycles. High impedance output — 55 db. Relay actuating switch for push-to-talk. Hanger button on back of case — with dash panel hanging bracket. Die cast, satin chrome case. 5 ft. of shielded cable. Shpg. wt., 1 lb.
M-55 Net 10.50

MODEL CM-1
PUSH-TO-TALK
CARBON MICROPHONE



Heavy-duty communications type for mobile operation. Black moulded plastic case. Available with retractable or straight cord. Frequency response 200-4000 cps. With hanging bracket. Bypassed for R.F. Single button type. D.P.S.T. switch. Shpg. wt., 1 lb.
M-81 CM-1-SC mike with straight cord Net 7.95
M-80 CM-1-CC mike with coiled cord Net 9.95

ASTATIC MODEL 331
PUSH-TO-TALK
CERAMIC MICROPHONE



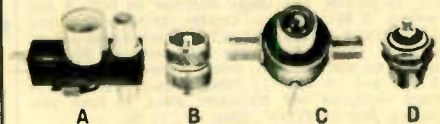
Ideal for citizen's band use. Momentary contact switch built-in. High impedance — 56 db output. Frequency response 300-5,000 cps. Diecast black housing, chrome cap. Attractive tapered design. Includes hang-up bracket. Shpg. wt., 1 lb.
M-157 Model 331 Net 10.74

NEIL ALPHA 6 METER VHF
PHONE TRANSMITTER KIT



A new 50 mc. phone transmitter combining high efficiency and unusual operating convenience. Only 3" high — for compact mobile or fixed station. The use of only 4 tuning controls and 2 separate meters (no switching) for grid and plate current greatly reduces tune up time. Controls: 3 position crystal selector. MULT tuning, FINAL tuning and LOAD. Inexpensive 8 mc. crystals are used. Final amplifier operates straight-through, without multiplying. Input 20 watts approx. PI network output matches 50-70 ohm coaxial line. Modulator requires high impedance input; provides push-pull plate modulation. Power requirements 300 VDC at 200 ma. and 12.6 VAC at 1.9 amps. Size: 3x7x12". Shpg. wt., 5 lbs.
HE-690 Above in kit form 5.00 Down Net 58.50
Mobile Power Supply for Alpha, wired, for 12V. Shpg. wt., 7 lbs.
HE-691 2.00 Down Net 49.50

DOW-KEY RELAYS, ANTENNA
SWITCHES, CONNECTORS



MODEL DK60 COAXIAL RELAY (Fig. A)

Low-loss coaxial relay designed for dependable antenna switching. Low contact resistance with contact force at least 50 grams in transmit and 35 grams in receive position. Breakdown voltage in excess of 1000 volts rms. Insulation resistance at least 50,000 megohms. Coil impregnated with epoxy resin. Heavy phosphor bronze contact tongue with pure silver contacts. RF carrying parts are all silver plated. Adjustable center bodies and inspecting port aid in contact cleaning. Nuts finished in blue-gray wrinkle. Size 3¼x2¼x1¼". Mtg. holes 6-32 clearance or 8-32 tapping. Available for 115 VAC 50-60 cycles or 12 VDC. With receiver protecting connector. Shpg. wt., 1 lb.
HE-783 DK60-G2C with 115 VAC Coil Net 15.65
HE-784 DK-60-G2C with 12VDC Coil Net 15.65

MODEL DKF2 DOUBLE MALE CONNECTOR (Fig. B)

A connector permitting coaxial relay to be mounted directly at output of transmitter. Easily secured in place. Silver plated. Shpg. wt., 8 oz.
HE-782 Net 1.25

MODEL DKCO-RFB PREAMPLIFIER (Fig. C)

A 50-70 ohm impedance matching broadband pre-amplifier that will substantially improve the signal to noise ratio and gain of receivers with medium or low sensitivity. Circuit employs 6CB6 low noise RF tube. It provides an overall gain of 1 to 6 "S" units (up to 36 db) in most receivers, from 1.5 to 30 megacycles. A slight gain results on frequencies up to 60 megacycles. Use for fixed or mobile installations. Powered by receiver or auxiliary filtered supply. Requires 125-175 VDC at 7 ma. for B-plus and 6.3 VAC at .3 amp for filament of 6CB6 tube. Size: 1¾x2". Shpg. wt., 12 oz.
HE-780 Net 10.75

MODEL DK60-P PANEL MOUNTING
COAXIAL CONNECTOR (Fig. D)

A panel mounting coaxial connector that can be permanently installed on panel in just a few minutes, without screws. Only a single ⅜" diameter hole is required. Two serrated jam nuts hold connector securely in position. Will not loosen from frequent use. Easy to solder terminal. Shpg. wt., 6 oz.
HE-781 Net .70

AMATEUR, SHORTWAVE ANTENNAS and EQUIPMENT

LAFAYETTE NEW UNIVERSAL 6 METER AND BROADCAST MOBILE ANTENNA

ONE ANTENNA FOR BROADCAST
AND 6 METERS!
AT A SENSATIONALLY LOW PRICE OF

4.95

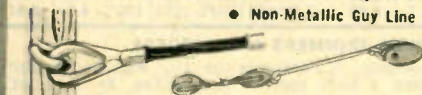
Here is a highly efficient 6 meter antenna that replaces your Auto radio antenna for operation on both 6 meters and for regular AM broadcast reception. 59" stainless steel mast, all chrome ball type base adjustable to 180° for front rear or side mount. Complete with 54" lead. Highly versatile and durable. Shpg. wt., 4 lbs.
HE-801WX Net 4.95

NEW CDR MODEL HAM-M HAM BEAM ROTOR

Antenna rotor to support and rotate the heaviest beams commercially available. Heavy duty broached-cut stainless steel motor gears and pinions, with solenoid operated brake release and electrical end-of-rotation protection. Includes attractive indoor control unit with large indicator to show beam direction. Rotor uses heavy duty holding brackets with stainless steel U bolts and nuts providing easy mounting on all standard towers. Complete system ready to install. Wt., 15 lbs.
5.00 Down
HE-475WX Net 119.50

"SUPER" GLAS-LINE

- Revolutionizes Ham and TV Antenna Systems
- Non-Metallic Guy Line



A non-inductive, non-conducting, non-absorbing guy line for antenna systems requiring minimum loss. Provides 1000 pounds tensile strength, more than sufficient for even large beam installations. Eliminates unwanted radiation losses to metallic wires. Completely isolates the antenna system. Will not rot, shrink, stretch, or sag. Comes in 100' spool or 600' reel.
HP-55 Shpg. wt., 2 1/2 lbs. per 100' spool Net 5.35
HP-56 Shpg. wt., 15 lbs. per 600' reel Net 31.54

PHILMORE DUAL BAND BROADCAST-SHORTWAVE

RADIO
KIT

12.94

Covers the entire Broadcast band from 550 to 1700 Kc. Plus the 6-18 Mc band for Shortwave listening. Picks up Ham messages, foreign stations, etc. Excellent sensitivity provided by regenerative circuit. Simple picture diagrams, schematics and easy-to-follow instructions. With punched chassis-grey hammertone finish and silk screened dials. Complete with hardware and 4" PM speaker. Less solder, wire and tubes. Tubes needed: 50L6GT, 12SJ7 and 35Z5GT. 12 1/2 x 5 3/4 x 4 3/4". For 105-125 Volts AC or DC. Shpg. wt., 4 lbs.
KT-177 MODEL 7001C Net 12.94

MOSLEY VERTICAL "TRAP-MASTER" 3-BAND ANTENNAS

Compact units for 10-15-20 m. coverage. Automatic bandswitching, low SWR. Maintains electrical quarter wavelength over entire bandwidth. 61ST6 aluminum construction, weatherproof traps. Requires short radials. Supplied with base plate, guy lines hardware, and instructions.
MODEL V-3 Vertical (rated at 1 kw). Size 11'6". Shpg. wt., 6 lbs.
AN-59WX 2.00 Down Net 22.95
MODEL V-3 JR. Vertical (rated at 300 w. AM.) Size: 11'9". Shpg. wt., 6 lbs.
AN-60WX Net 17.95



MOSLEY "TRAP-MOBILE" 3-BAND WHIP ANTENNA for 10, 15, 20 meters

Three bands without bandswitching. No mechanical devices or relays. Lifetime stainless steel construction in anti-sway design. Use with standard base-loading coils for 40 and 80 meters. Overall length of 7 ft. 8 1/2" provides electrical quarter wave on each band with low SWR. Moisture-proofed coils and enclosed traps. Base stud 3/8"-24. Handles up to 300 watts. Shpg. wt., 6 lbs.
Model MA-3 "Trap-Mobile" 3-band whip
AN-62WX Net 19.95

Cush Craft VHF

MOBILE HALOS 2 METERS 144 to 148 MC.

A horizontally polarized mobile or fixed station antenna for Amateur, CD, CAP or users within the 144 to 148 Mc range. All aluminum construction, 14" diameter, weighs less than 1 lb. Concentric gamma match for 52 or 72 ohm coax direct feed. SWR 1-1 at frequency, near perfect omnidirectional pattern, from 5 to 15DB gain over vertical whips when working fixed stations in arrays. Supplied with 3 section, 9' telescoping aluminum mast to fit any standard mobile mount. Shpg. wt., 3 1/2 lbs.
MODEL AM-2M. Single 2 meter Halo with mast.
HE-744WX Net 8.70
Model AM-22 Stacked 2 meter Halo (complete) Shpg. wt., 4 lbs.
HE-749WX Net 14.95



6 METERS 48-56 mc

Single halo as above but for 6 meter use, 26" diameter, weighs 1 lb. Concentric gamma match. The UNIQUE, STREAMLINED tuning vane permits extreme broadband coverage without bulky traps. SWR 1-1 at frequency, from 5 to 15 DB gain. Supplied with 3 section, 9' telescoping aluminum mast to fit any standard mobile mount. Shpg. wt., 4 lbs.
MODEL AM-6M Single 6 Meter Halo with mast.
HE-748WX Net 12.50

MOBIER SAFETY MIKE

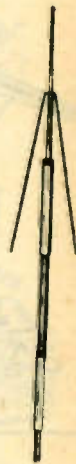
• HEAD-MOUNT LETS YOU KEEP BOTH HANDS ON THE WHEEL • CRYSTAL AND CONTROLLED RELUCTANCE TYPES

Here is your key to safe, pleasant and efficient mobile operation. This heat resistant, vibration proof mike is indispensable to SSB operation. Also useful for AM operation in conjunction with a foot switch. Constructed of stainless steel and aluminum for ruggedness and light weight. Headband can be adjusted by hand pressure for best fit and position on operator's head.
CONTROLLED RELUCTANCE TYPE: Resists heat, humidity, shock and vibration. Response 400-3000 cps. Shpg. wt., 1 lb.
HE-750 Net 17.50
CRYSTAL TYPE. Designed primarily for fixed station uses. Response: 100-6000 cps. Shpg. wt., 1 lb.
HE-751 Net 15.00



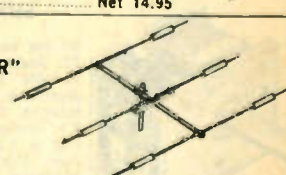
MOSLEY "TRAP-MASTER" 10 THRU 40 METER VERTICAL

An excellent low-cord antenna for DX. Covers 10 thru 40 meters without bandswitching. An electrical quarter wavelength on each band with low-angle radiation. Low SWR with response flat across full band width. Weatherproof traps and base loading coil are of "HI-Q" design, wound on grooved polystyrene forms. Maintains resonance points under wide variations of temperature and humidity. Rated to 1 kw. Lightweight 61ST6 aluminum tubing telescopes to 20 ft. Pre-tuned, pre-drilled, color-coded for fast assembly. Comes with aluminum mounting plate, ceramic base insulator, nylon guy rope, hardware and instructions. Requires four 30 ft. radials. Shpg. wt., 12 lbs.
Model V-4-6 10-40 meter vertical antenna.
AN-61WX 2.00 Down Net 27.95
Model D-4BC Base-loading coil for 75 & 80 meter operation of V-4-6 antenna. Rated to handle 1 kw (AM). Space wound coil, heavy-duty ceramic form. With coax connectors. Shpg. wt., 3 lbs.
HE-790 Net 14.95



MOSLEY "TRAP-MASTER" BEAM ANTENNAS

Model TA-33—Three element beam providing up to 8 db gain on the 10, 15, and 20 meter bands. Trap design provides broadband performance and stability — beam easily handles a full kilowatt of AM signal. 25 db front-to-back ratio, SWR 1.1/1, or less, at resonance. Beam length 14 ft., element length 28 ft. Shpg. wt., 53 lbs.
AN-53WX 5.00 Down Net 99.75
MOSLEY TA-33 "Junior," similar to above, but only 300 watts AM. Shpg. wt., 28 lbs.
AN-54WX 5.00 Down Net 69.50
Model TA-32—Two element version of TA-33, with 5.5 db forward gain, 20 db front to back ratio, SWR 1.1/1 or better. Handles to a full kilowatt. Shpg. wt., 32 lbs.
AN-55WX 5.00 Down Net 69.50
MOSLEY TA-32 "Junior," similar to TA-32, but 300 watts AM. Shpg. wt., 22 lbs.
AN-56WX 2.00 Down Net 49.50

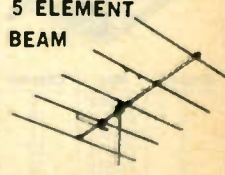


Cush Craft 2 AND 6 METER 10 ELEMENT BEAM

A combination 4 element 6 meter beam and 6 element 2 meter beam on one 12' x 1 1/4" 0.058 wall aluminum beam. The ideal beam for city and suburban VHF operators. 2 meter elements are pre-assembled on the boom; 6 meter elements are marked for quick neat assembly. Forward Gain greater than 9 db; F/B Ratio — 25 db; Turning Radius 7'6". Comes complete with all instructions. Uses two separate 52 or 72 ohm feedlines for optimum performance. Shpg. wt., 16 lbs.
HE-747WX Net 27.50

Cush Craft 5 ELEMENT 6 METER BEAM

A rugged, Full size 6 meter beam constructed of 3/4" 0.050 wall aluminum tubing with hardwood dowling at high stress points. Booms 0.058 wall drawn aluminum. Driven element is concentric gamma matched for direct coax feed. Light enough for any heavy duty TV rotator. Turning radius — 7'6"; Forward Gain — 9.5 db; F/B ratio — 29 db. Comes with all parts marked for quick, neat assembly and center band operation. Shpg. wt., 15 lbs.
HE-746WX Net 19.50



SPECIALTY PARTS for the EXPERIMENTER, BUILDER and HAM

VARIABLE CONDENSERS

MIDGET 2 GANG SUPER

2 gang. Front section 27 plates with capacity of 10.5 mmf to 365 mmf; rear section plates with capacity of 7.6 mmf to 132 mmf individual trimmers on each section. End plates of RF section slotted for easy tracking. 180° rotation. Capacity increases counter clockwise. 1/4" diam. brass shaft, mounted on ball-bearings, extends 1 1/2" from cadmium plated steel frame. Frame size: 1 1/4" Dx 1 1/2" W x 1 3/8" H. Standard mounting holes front and rear. Brass contact wiper. For superhet circuits with 455 KC IF. Shpg. wt., 10 oz. Net .98

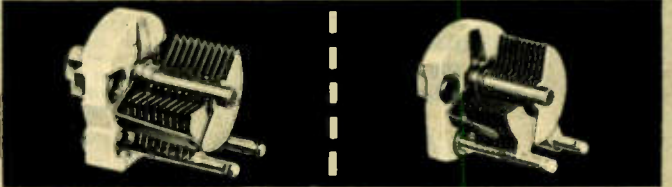
2 GANG TRF
Same construction as above but each gang has 23 plates. Maximum capacity each section 365.7 mmf, minimum 10.3 mmf. Frame size 2 3/4" Dx 1 1/4" W x 1 3/8" H. Shpg. wt., 10 oz. Net .98

MIDGET 1 GANG TRF
Similar in construction to above but single gang with capacity from 10 to 365 mmf. Size 1 1/4" Dx 1 1/4" W x 1 3/8" H. Shpg. wt., 5 oz. Net .73

TRANSISTOR MINIATURE 2 GANG SUPER-HET VARIABLE CONDENSER ONLY 1/4" x 1 1/4" x 1 1/4"

All the new miniaturized transistor operated sets such as GE, Regency, etc., are using this truly miniature 2 gang variable. Lightweight — both the frame and plates are aluminum. Smooth ball bearing action over entire 180° rotation. Bakelite stator insulation. Capacity of 11 plate R.F. section is 6.3 to 123.1 mmf; 9 plate oscillator section is 5.7 to 78.2 mmf. Effective range of trimmers 15 mmf. These add 2 mmf to minimum capacity. Capacity increases in counter clockwise direction. Flatted shaft, 1/4" diameter by 1 1/4" long. Frame size only 1 1/4" Dx 1 1/4" W x 1 1/4" H. Shpg. wt., 5 oz. Net .95

HAMMARLUND MINIATURE VARIABLE CONDENSERS FOR AMATEUR AND EXPERIMENTER



HAMMARLUND APC MINIATURE VARIABLE CONDENSERS

Used in all classes of equipment where a compact, high quality variable condenser is required. Has high leakage resistance, and resistant to temperature, moisture, and vibration effects. Straight line capacitance. Hex collar on slotted shaft for rotor and screw-driver adjustment. Air gap is 0.015" nominal. Shpg. wt., 4 oz.

Series APC (Screwdriver Slot)

Stock No	Mfrs. Type	Max. Mmf.	Min. Mmf.	Net
HP-10	APC-15	17	2.8	1.22
HP-11	APC-25	25	3.0	1.32
HP-12	APC-50	50	3.9	1.52
HP-13	APC-75	75	4.6	1.67
HP-14	APC-100	100	5.5	1.81
HP-15	APC-140	140	6.7	2.11

Series APC-B (1/2" Shaft)

HP	Mfrs. Type	Max. Mmf.	Min. Mmf.	Net
HP-16	APC-15B	17	2.8	1.47
HP-17	APC-25B	25	3.0	1.57
HP-18	APC-50B	50	3.9	1.76
HP-19	APC-75B	75	4.6	1.91
HP-20	APC-100B	100	5.5	2.06
HP-21	APC-140B	140	6.7	2.35

Series APC-C (locking shaft)

HP	Mfrs. Type	Max. Mmf.	Min. Mmf.	Net
HP-22	APC-15C	17	2.8	1.62
HP-23	APC-25C	25	3.0	1.71
HP-24	APC-50C	50	3.9	1.91
HP-25	APC-75C	75	4.6	2.06
HP-26	APC-100C	100	5.5	2.20
HP-27	APC-140C	140	6.7	2.50

HAMMARLUND MAPC MINIATURE VARIABLE CONDENSERS

About half the weight and size of the APC, but with the same quality and performance. Excellent for VHF use. Slotted shaft for screwdriver or hex wrench adjust. Nom. air gap 0.0135". Size 3/8" W x 1 1/4" H. Shpg. wt., 4 oz.

Series MAPC (Screwdriver Slot)

Stock No	Mfrs. Type	Max. Mmf.	Min. Mmf.	Net
HP-28	MAPC-15	15	2.3	1.08
HP-29	MAPC-25	25	2.6	1.13
HP-30	MAPC-35	35	2.9	1.18
HP-31	MAPC-50	50	3.2	1.27
HP-32	MAPC-75	75	3.9	1.42
HP-33	MAPC-100	100	4.5	1.61

Series MAPC-B (1/2" Shaft)

HP	Mfrs. Type	Max. Mmf.	Min. Mmf.	Net
HP-34	MAPC-15B	15	2.3	1.32
HP-35	MAPC-25B	25	2.6	1.37
HP-36	MAPC-35B	35	2.9	1.42
HP-37	MAPC-50B	50	3.2	1.53
HP-38	MAPC-75B	75	3.9	1.67
HP-39	MAPC-100B	100	4.5	1.86

Series MAPC-C (locking shaft)

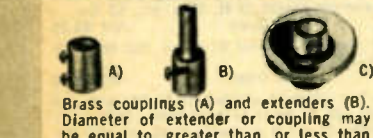
HP	Mfrs. Type	Max. Mmf.	Min. Mmf.	Net
HP-40	MAPC-15C	15	2.3	1.47
HP-41	MAPC-25C	25	2.6	1.52
HP-42	MAPC-35C	35	2.9	1.57
HP-43	MAPC-50C	50	3.2	1.67
HP-44	MAPC-75C	75	3.9	1.81
HP-45	MAPC-100C	100	4.5	2.01

MICA TRIMMERS AND PADERS

Base of low-loss ceramic. 1 1/2" x 3/4" x 3/8" in size. 1/32" mtg. ctrs. Capacity ranges derived from 3 turns open to tight setting. Av. shpg. wt., 2 oz.

STOCK NO.	MMF	EACH 1-9	EACH 10-49	EACH 50 up
C-731	2-30	.24	.21	.18
C-732	4-80	.26	.23	.20
C-733	9-180	.29	.26	.23
C-734	25-280	.32	.29	.26
C-735	45-380	.35	.31	.28
C-736	70-480	.38	.34	.31
C-737	100-580	.44	.40	.36

COUPLERS EXTENDERS



Brass couplings (A) and extenders (B). Diameter of rotor or coupling may be equal to, greater than, or less than diameter of shaft extended. Extender shaft length, 3/8"; overall length, 1 1/4". Average shpg. wt., 4 oz.

Stock No.	Description	Size	Each
MS-201	Coupling	1/4" x 1/4"	.18
MS-202	Coupling	1/4" x 3/8"	.18
MS-203	Coupling	3/8" x 3/8"	.18
MS-204	Extender	1/4" x 1/4"	.19
MS-206	Extender	3/8" x 1/4"	.19

INSULATED COUPLING (C)
Bakelite insulated coupling. Hub accommodates 1/4" dia. shaft. Shpg. wt., 2 oz. Net .59

CERAMIC COUPLING (C)
Similar to above but low-loss ceramic for high-voltage use. Net .76

MIDGET TRIMMER



BUD type MT-833. Popular 3 to 36 mmf. trimmer used for oscillator tracking, antenna coupling, and interstage coupling. Ceramic base. Shpg. wt., 2 oz. C-738 Net .15

EXTENSION RODS

For 1/4" dia. extensions. Av. shpg. wt., 4 oz.

MS-196	—6" Brass	.18
MS-197	—6" Phenolic	.15
MS-198	—12" Brass	.35
MS-199	—12" Phenolic	.29

PANEL BEARING ASSEMBLY

Use with rigid or flexible coupling when mounting. For up to 3/4" panels. Av. shpg. wt., 6 oz.

MS-193	—3" long. 1/4" shaft	.32
MS-194	—6" long. 1/4" shaft	.38
MS-195	Bearing only	.09

CLASS D CITIZEN BAND CRYSTALS



Extremely accurate 3rd overtone crystals. Meet FCC tolerance requirement of .005%. For popular new 11 Meter Class D citizens band. Pin-spacing: .486" pin dia. .050". Frequencies available:

Channel	Meg.	Channel	Meg.	Channel	Meg.
1	26.965	9	27.065	17	27.165
2	26.975	10	27.075	18	27.175
3	26.985	11	27.085	19	27.185
4	27.005	12	27.105	20	27.205
5	27.015	13	27.115	21	27.215
6	27.025	14	27.125	22	27.225
7	27.035	15	27.135	23	27.235
8	27.055	16	27.155		

HE-830 Specify Channel or Frequency Net 1.95



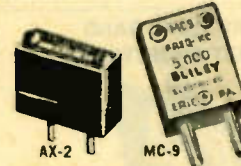
(A) NATIONAL SOCKETS (A)
These Statelite insulated sockets will strongly hold the crystal contacts. Can be used for chassis or for panel mounting. The bushing will project through a round hole in panel. Av. shpg. wt., 2 oz.

Stock No.	Type	Pin	Spacing	Each
HP-156	CS-8	.125"	.750"	.35
HP-154	CS-6	.095"	.486"	.35
HP-153	CS-5	.125"	.500"	.35
HP-155	CS-7	.050"	.486"	.35

MOSLEY CRYSTAL HOLDER ADAPTORS (B)
Mosley 5-75 adapts 1/2" spaced holder to 3/4" spacing. Shpg. wt., 2 ozs. Net .34

Mosley 75-5 adapts 3/4" spaced holder to socket with 1/2" spacing to octal socket. Shpg. wt., 2 ozs. Net .34

CRYSTAL SOCKETS



BLILEY CRYSTALS

Type AX-2. Most popular with hams. Acid-etched quartz. Stainless steel electrodes. Pin size: .093" spaced .486". Tolerance ± 500 cycles at designated frequency except 14-14.5mc ± 10kc. Will supply within 5kc (except * within 30kc.) Specify frequency desired when ordering. Av. shpg. wt., 2 oz.

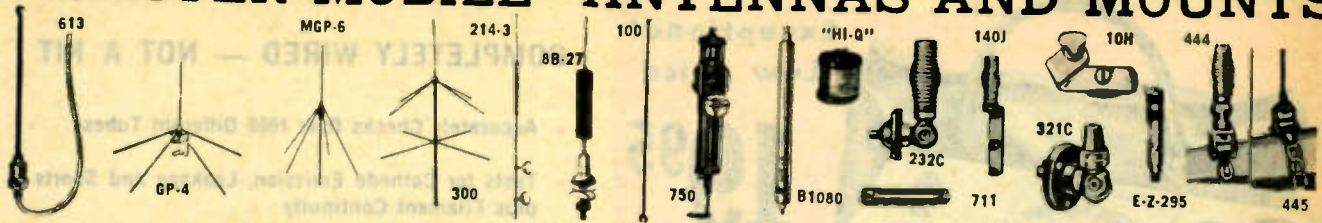
HP-180	3500-4000kc	Net 2.89
HP-181	7000-7425kc	Net 2.89
HP-182	8000-9000kc	Net 2.89
HP-183*	14-14.5mc	Net 3.87

Type MC-9. Suggested primarily for use in Signal Generators and for test equipment such as FM and IF marker generators. Size: 1 1/4" x 1 1/4" x 1/4". Pin size .093", spacing .486". The plug-in type holder is gasket sealed for optimum protection against moisture.

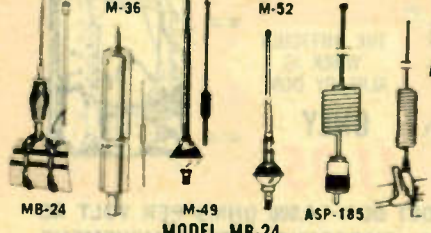
HP-184	5000 kc .02%	Net 3.87
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HAM, MOBILE AND CITIZENS BAND ANTENNAS AND ACCESSORIES

"MASTER MOBILE" ANTENNAS AND MOUNTS



- No. 613. VHF Rooftop antenna for 140-165 mc. Stainless steel wire, 10 ft. coax, deluxe fittings. Shpg. wt., 5 lbs.
HE-700 Net 4.85
- No. GP-4 Ground plane with 4 radials for match to 52-ohm coax. Complete amateur band coverage. Specify other frequencies. Attaches to most with V-bolts (bolts and mount brackets supplied). Special alloy construction withstands corrosion and weather. Shpg. wt., 6 lbs.
HE-728 Net 5.83
- MODEL GP-220. Same as GP-4 but for 220 to 225 MC. Civil Defense.
HE-730 Net 5.83
- MODEL MGP-6 Six Meter Ground Plane, "Drooping" type. Aluminum alloy tubing and sleeve, Ceramic top insulator, and coax cable connector. For medium or low powered transmitters. Shpg. wt., 5 lbs.
HE-731 Net 14.65
- MODEL 300 "Masterplane" 2 Meter Ground Plane Antenna "Drooping" type plus 4 straight radials to give a low angle of radiation. Straight radials adjustable to eliminate standing waves on transmission line. Finest aluminum alloys. With 3/4" pipe for mounting and coaxial cable connector. Shpg. wt., 10 lbs.
HE-732 Net 12.69
- Model GP-225—Same as Model 300 but for 220 to 225 MC Civil Defense.
HE-733 Net 12.69
- MODEL MB-1 Mounting Bracket for 300 and GP-225. Shpg. wt., 1 lb.
HE-734 Net .98
- MODEL 214-3 2 Meter & CAP Mobile Antenna For 140-170MC. Vertically polarized, completely waterproof. Polished chrome plated brass. Ruggedly constructed. Approx. 65" overall. Complete with 10' of 72 ohm coaxial cable and 2 positive action rubber suction cups for easy mounting. Shpg. wt., 4 lbs.
HE-735 Net 15.63
- MODEL 220-3. Same as 214-3 but for 220-225MC.
HE-736 Net 15.63
- MODEL 8B-27 11 Meter Citizens Band mobile antenna for automobile cowl mount. Base loaded stainless steel whip antenna. 40" overall height. For use with standard broadcast 8-ball type cowl mount. Takes 52 ohm coax. Shpg. wt., 2 lbs.
HE-737 Net 12.69
- MODEL SB-27—Same as 8B-27 but for roof-top or trunk-lid type mounting.
HE-738 Net 12.69
- No. 100-60S 60" Whip, threaded 3/8" stud. Shpg. wt., 2 lbs.
HE-702WX Net 4.85
- No. 100-96S 96" Whip, threaded 3/8" stud. Shpg. wt., 3 lbs.
HE-703WX Net 5.14
- No. 106-96S 96" Whip, plug end 3/8" dia. (for Model 92 ext.) Shpg. wt., 3 lbs.
HE-704WX Net 4.41
- No. 92 Extension for 106 series whips, 18 1/4" long, 3/8"-24 thread. Shpg. wt., 1 1/2 lbs.
HE-705 Net 3.43
- No. 750 Deluxe var. ant. coil. Covers 10 thru 75 meters. Silver-plated, single-turn contact, positive spring. Eccentric cam contact, easy turn selection. Automatic lock. Shpg. wt., 7 lbs.
HE-706 Net 14.65
- "Ultra-Hi Q" Coils for 80-40-20 & 15 meters. "Q" copr 515. For use with 36" base section, 60" whip. Precision made, ruggedized construction. Diameter 2 1/4" (specify band when ordering). Shpg. wt., 4 lbs.
HE-707 Net 5.14
- No. 711 Strain-relief "Flex-R" helps prevent loading coil damage. Shpg. wt., 1 lb.
HE-708 Net 1.91
- No. B1080 All-band base-loading ant. coil for 80-40-20-15-10 meters. 96" whip included. Positive locking action whip provides tight and accurate contact. Slide in or out to final loading point and lock whip in place. Shpg. wt., 6 lbs.
HE-709WX Net 16.59
- No. 232C Swivel base, double-tapered spring, coax. conn., body mount. Shpg. wt., 4 lbs.
HE-710 Net 8.57
- No. 232XC Heavy-duty, double-tapered spring, coax. conn., body mount. Shpg. wt., 6 lbs.
HE-711 Net 9.65
- No. 232XSSC Heavy-duty, double-tapered springs, coax. conn., spec. stainless. Shpg. wt., 6 lbs.
HE-712 Net 14.65
- No. 140-J Junior Bumper Mount, double-tapered spring. Shpg. wt., 3 lbs.
HE-713 Net 4.09
- No. 321C Rigid-type, ball-joint body mount (no spring). Shpg. wt., 5 lbs.
HE-715 Net 7.79
- 10H TENNAHOLD Protects antenna, prevents whipping and damage to antenna. Easily attaches to car. Shpg. wt., 1 lb.
HE-724 Net .98
- No. E-2-295, E-2-OFF. Antenna Connectors connect or remove your loading coils, whips or mounts in a jiffy. No tools needed. Stainless steel construction. Shpg. wt., 1 lb.
HE-725 Net 2.89
- No. 444 Heavy duty spring bumper mount, swivel base, chain mount. Shpg. wt., 3 lbs.
HE-726 Net 17.44
- No. 445 Threaded 3/8"-24, chain mount, bumper mount. Shpg. wt., 3 lbs.
HE-727 Net 7.79



Complete bumper mounting assembly. No holes to drill. Easily adjusted steel mounting links make this popular model adaptable to virtually all American and foreign cars. Assembly includes: double bumper mount with cable terminals, cadmium plated spring, stainless steel whip 102 inches long, 20 feet of RG-58/U cable with PL-259 connector on one end, solder lugs on the other and whip hold-down clip. Shpg. wt., 7 lbs.
HE-682WX Net 19.92

MODEL M-36

18 foot, 1/2 wave length vertical coaxial antenna for Citizens Band (27 mc.). This model, ideal for fixed station use, offers inconspicuous application on homes, apartments and all types of buildings, for roof or side mounting.

Antenna is comprised of a 1/4 wave length, 9 foot jointed, solid aluminum vertical radiator, bolted to a 9 foot long, 2 inch diameter, 1/4 wave length aluminum skirt. Bottom of top radiator element accepts PL-259 connector. Insert at top of skirt is threaded to accept 3/4 inch I.P.S. mounting pipe. Two insulating spacers are provided at center and base of skirt.

Omnidirectional, the Model M-36 antenna lowers the angle of radiation and offers a very low standing wave ratio. Built for operation with 52 ohm cable. Shpg. wt., 8 lbs.
HE-683WX Net 19.55

ANTENNA SPECIALISTS



This center loaded antenna for fender, cowl, or rear deck provides an excellent horizontal pattern. Sealed loading coil, low VSWR, collapsible chrome plated tube assembly and stainless steel whip. Extended Length—60". Collapsed Length—43". Prevents striking overhead obstructions. Permits mounting in any hole 1/2" to 1 1/4". Furnished with 5 feet of RG-58/U cable with coaxial fittings on both ends. Shpg. wt., 3 lbs.
HE-684 Net 9.76

MODEL M-52

Fiberglass mobile antenna with continuously loaded 48" whip. Whip sealed in white plastic covering. Patented rocker support permits mounting in any hole 1/2" to 1 1/4". 5' of RG-58/U cable with PL-259 connector furnished. Shpg. wt., 3 lbs.
HE-685 Net 9.75

MODEL M-53

Four foot Fiberglass continuously loaded whip with white plastic covering. 50 ohm match. Chrome plated brass ferrule has 3/8"-24 male thread. Shpg. wt., 1 lb.
HE-686 Net 7.06

ASP-63. For portable transceivers. Vinyl covered coil wound onto 40" whip. Complete with PL-259 connector. Shpg. wt., 2 lbs.
HE-672 Net 7.61

ASP-185 Auto gutter clamp antenna. Ideal for temporary use. Has Vinyl covered loading coil wound for 27MC. Complete with 12' RG-58/U cable and PL-259 adaptor. 40" whip. Shpg. wt., 2 lbs.
HE-673 Net 12.23

M-3B 102" Stainless Steel Whip With removable adaptor (can be cut to length). Shpg. wt., 2 lbs.
HE-650WX Net 4.26

M5S-36 36" polished stainless steel mast extension with coupling nut. Shpg. wt., 2 lbs.
HE-687 Net 5.14

M-8A Heavy-duty standard spring. Shpg. wt., 4 lbs.
HE-666 Net 3.58

M-9A Heavy duty spring. Cad. plated. Shpg. wt., 3 lbs.
HE-654 Net 4.67

M-3 Aluminum base with black Polyester Fiberglass one piece insulator. Hardware included. Shpg. wt., 2 lbs.
HE-655 Net 2.97

M-13 Same as M-3 but with coax fitting. Shpg. wt., 2 lbs.
HE-656 Net 5.88

M-25 Mini-Spring. Reduces shock to coil if whip strikes object. Shpg. wt., 1 lb.
HE-651 Net 1.96

MODEL ASP-143 Double Chain Bumper Mount. Cadmium plated alloy steel interlocking "Z" links assure a secure mounting for spring, extension, coil, and whip. Mount accepts 3/8"-24 thread of spring or whip. Shpg. wt., 2 lbs.
HE-669 Net 7.79

M-4 Whip hold-down clip. Shpg. wt., 2 lbs.
HE-668 Net .73

MAKE LAFAYETTE YOUR HEADQUARTERS FOR CITIZEN BAND EQUIPMENT

The Sensational LAFAYETTE TE-15 TUBE TESTER

The Most Extraordinary Test Instrument Value We Have Ever Offered!



Exceptional
Low Price

19⁹⁵

COMPLETELY WIRED — NOT A KIT

- Accurately Checks Over 1000 Different Tubes
- Tests for Cathode Emission, Leakage and Shorts plus Filament Continuity
- Completely Portable—Weights Only 6 lbs.
- Highly Accurate Easy-to-Read Meter with Replace—Good Scale
- Fast-Setting Slide Switches
- Slide Out Tube Chart

An accurate, versatile, precision instrument that actually tests over 1000 different tubes. The low cost and superior performance of the Lafayette TE-15 Tube Tester combine to make it the outstanding test instrument value today... the ideal tube tester for any radio-TV serviceman, experimenter, technician, etc.

Highly dependable, the Lafayette TE-15 is equipped to test most of the tube types employed in Radio, Hi-Fi, Monochrome, Color TV, etc. Sockets have been provided for 7-pin miniature, 9-pin miniature, octal base, loctal base, noval and sub-miniature types. A special alligator clip lead is furnished for testing tubes with top caps. Slide switches are employed to connect the various tube elements to their respective test circuits. A 3-position tube slide switch adjust for checking shorted elements, cathode emission and filament continuity. In conjunction with the leakage-quality switch a leakage indicator light is employed which glows when on inter-element short or leakage is present in a tube. A power switch turns the

unit on and additionally serves to adjust for various AC line voltages. Large easy-to-read meter calibrated 0-100 has a red-green "Replace—Good" scale, plus a special scale for checking diodes.

A handy slide out metal tray contains tube charts which facilitate rapid selection of test settings. Metal case is attractively finished in cream and steel gray. Completely portable—weights only 6 lbs. and measures 8 $\frac{1}{8}$ " D x 9 $\frac{3}{4}$ " W x 2 $\frac{3}{8}$ " H. Supplied with carrying case. For 105-125 volts, 60 cycle AC. Shpg. wt., 7 lbs. TE-15 Tube Checker Net 19.95

NEW! MINIATURE POCKET MULTITESTER

ONLY **19.50**

- 20,000 Ω /V DC SENSITIVITY
- 10,000 Ω /V AC SENSITIVITY
- 1% RESISTORS
- WEIGHS ONLY 10 oz.
- 38 μ A MOVEMENT • 23 RANGES COMPLETELY WIRED

A terrific bargain in an all-round extra sensitive multimeter. Here is the ideal all-purpose multitester for troubleshooting anything electrical or electronic—can be used for repairing automobile wiring, checking ordinary household appliances, such as irons, heaters, and motors; troubleshooting complex electronic equipment in the home, in the shop or in the field. Ideal for TV sets, home radios, high-fidelity sets, amateur gear, commercial communications equipment—wherever a truly portable unit is required. This is a completely wired precision instrument, NOT A KIT. Uses a sensitive, rugged 38 microampere basic meter, a d'Arsonval movement with jeweled bearings providing easy, accurate read-off from its large, clear scales. 2 $\frac{1}{2}$ " meter face. 1% precision resistors guarantee top-notch accuracy. This unit weighs only 10 oz., measures only 4 $\frac{1}{2}$ "x2 $\frac{7}{8}$ "x1 $\frac{1}{4}$ "—fits into pocket without bulging, without weighing down. The entire front is protected by a thick, clear sheet of plastic, preventing scratching and eradicating of switch markings, protecting your meter and preserving its appearance. Single selector switch with positive detents and clearly marked positions permits one-handed operation. Recessed, break-proof zero-ohms knob permits easy adjustment, yet cannot be broken even under rough handling.

Has 23 ranges at the unusually high sensitivities of 20,000 ohms per volt DC, 10,000 ohms per volt AC; DC Volts, 0-5-25-100-500-1000; AC Volts, 0-5-25-100-1000; OHMS; 0-6K-600K-6 Meg-60 Meg; DC MILLIAMPERES, 0-.05 (50 microamps) -5-50-500; DECIBELS, —20 to +64 in 5 ranges. Truly a superb instrument for any application. Complete with 1.5 volt and 15 volt batteries, and vinyl insulated flexible test leads. Shpg. wt., 1 lb. AR-660 A MINIATURE POCKET VOM Net 19.50

20,000 OHM PER VOLT MULTITESTER SEMI-KIT

A New Kind of Kit



THE DIFFICULT
WORK IS
ALREADY DONE

ONLY
11.95



- 20,000 OHMS PER VOLT DC • 10,000 OHMS PER VOLT AC
 - 40 MICROAMPERE 3" D'ARSONVAL METER MOVEMENT
- The semi-kit is a new concept in test equipment kits. All the important or difficult parts are already mounted. All that remains to be done is to mount and wire in a few small parts—a job so simple you'll finish before you realize it, and best of all, you'll have one of the finest high sensitivity multitesters on the market. When used in a circuit, the high input resistance on all DC and AC ranges does away with the highly inaccurate readings common to low resistance testers which load the circuit. Ranges: DC Volts, 0-10-50-250-500-1000; AC Volts, 0-10-50-250-500-1000; DC CURRENT, 0-500 ua, 0-10-250 ma; OHMS, 0-10K-100K-1 meg; DECIBELS, —20 to +36; PLUS 0-5000 henries and 250 mmf. to .02 mfd. Black case 5 $\frac{1}{2}$ "x3 $\frac{3}{4}$ "x1 $\frac{1}{8}$ ". Complete with test leads, all parts, and instructions and battery. Shpg. wt, 3 lbs. TK-10 KIT Net 11.95

FILAMENT CONTINUITY TUBE CHECKER



1.69

Small and compact as a cigarette box. Quickly checks filament continuity in a matter of seconds. Ideal for the serviceman or the technician working in the field. Tests filaments of radio, TV picture tubes. Also can be used to test many other electrical devices and line cords, fuses, lamps and bulbs. Has sockets for TV picture tube and loctal, octal, 9-pin, as well as 7-pin sockets. Provided with two test leads. Grey hammertone finish. Size: 4x3x1 $\frac{1}{2}$ ". Shpg. wt., 12 oz. TE-11 Net 1.69

LAFAYETTE QUALITY PANEL METERS

NEW! SQUARE PANEL METERS



- HIGH QUALITY D'ARSONVAL MOVEMENTS
- ACCURACY 2% OF FULL SCALE
- 3 1/4" SQ., ONLY 1 1/4" OVERALL BEHIND PANEL
- BAKELITE CASES • JEWELLED BEARINGS

High quality, precision built meters with better than 2% of full scale accuracy, 3 1/4" square, 2 1/2 x 1 1/4" dial faces, 1 1/4" overall depth, 1 1/4" behind panel including terminals. Require 2 1/4" diameter mounting hole. 1/4" screw terminals plus solder lugs, 4 threaded mounting studs in corners. Zero adjust screw. Shpg. wt., 1 lb.

ILLUMINATED SCALE VU METER

CLEAR PLASTIC FRONT METER — Standard 3900 ohm "B" scale volume indicator calibrated and damped in accordance with standard VU meter practice. Upper scale reads 0-100% modulation, lower scale reads -20 to +3 VU (0 VU corresponds to 100%) Accurate to ±0.2 VU from 35-1000 cps, ±0.5 VU from 30-15,000 cps. With suddenly applied sine wave signal, meter will reach 99% of correct reading within 0.3 seconds; overshoot beyond correct reading is 1 to 1 1/2%. A root-mean-square instrument with full wave bridge rectifier, includes built-in 6-8 volt bulb. Complete with instructions.

TM-80 Net 7.50

0-50 DC MICROAMMETER

0-50 DC MICROAMMETER — Highly damped, sensitive movement, calibrated in 50 one-microp linear scale divisions. Cushioned ceramic bumpers protect pointer against overtravel and damage with moderate overloads. Red pointer. Black Bakelite Front.

TM-70 Net 7.50

0-1 DC MILLIAMMETER

0-1 DC MILLIAMMETER — Sensitive, quick-acting basic movement. Linear calibrations in .02 ma. divisions. Black scale, red pointer. Black, Bakelite Front.

TM-60 Net 3.95

0-150 AC VOLTMETER

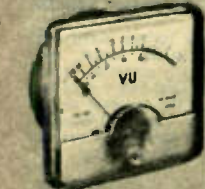
0-150 AC VOLTMETER — Full-wave bridge rectifier type. 1000 ohms per volt. With precision carbon-film multiplier resistor. 5 volts per division, linear scale. Black Bakelite Front.

TM-50 Net 3.95

METER RECTIFIER

A brand new, economical meter rectifier of exceptionally linear characteristics. This full wave rectifier is specially designed as a universal replacement for all modern multimeters, such as Lafayette's miniature V.O.M.'s. Simple to install, mounts with single screw. Long terminals facilitate easy connection.

RE-22 Net .45



NEW! Miniature PANEL METERS

- D'ARSONVAL MOVEMENTS
- BAKELITE CASES • JEWELLED BEARINGS
- 1 1/4" AND 1 1/2" SQ. FACES, 1 1/4" OVERALL BEHIND PANEL
- ACCURACY 2% OF FULL SCALE

UNUSUALLY LOW PRICED FOR SUCH EXCELLENT QUALITY! Ruggedly built miniature panel meters with excellent accuracy. Silvered dials and black numerals and pointers. Accuracy 2% of full scale. 1 1/4" square fronts, 1 1/2" overall front-to-back, with 1 1/4" behind panel including 1/4" terminals. Require 1 1/2" diameter round hole in panel, 4 corner holes with 1/4" center. Terminal polarity on DC models clearly marked. Zero adjustment screw on front of panel. Screw terminals. All have clear plastic front except "S" which have black Bakelite. Clear plastic meters have 1 1/2" dial faces, supplied with mounted screws. Black Bakelite have 1 1/4" faces. Shpg. wt., 8 oz.

ILLUMINATED VU METER

VU METER — Illuminated dial for easy, wide-angle readability at all times. Volume level indicator, calibrated in standard -20 to +3 VU and 0-100% ranges. Uses precision carbon film multiplier resistor and full wave rectifier. Damped in accordance with standard VU meter requirements. Reference level 1 mw in 600 ohm line. 10,000 ohms internal resistance. "0" VU is 1.225 volts sine wave AC across meter connected to 600 ohm source with 600 ohm load. May be used with T-pad attenuator. 0-100% scale used to indicate percent use of transmitter output.

TM-10 Net 3.95

"S" METER

"S" METER — Standard "ham" signal strength indicator. Calibrated in "S" units from .0-9 with the scale terminating in +10 and +30 db calibrations. Additional full scale calibrations of 0-5 and 0-10 in linear scale divisions. A "must" for radio amateurs for conversion of any communications receiver with AVC action to give calibrated signal strength indications.

TM-11 Net 2.95

DC MILLIAMMETERS

TM-400	0-1 DC	MILLIAMPERES	Net 3.75
TM-401	0-5 DC	MILLIAMPERES	Net 3.75
TM-402	0-50 DC	MILLIAMPERES	Net 3.75
TM-403	0-100 DC	MILLIAMPERES	Net 3.75

DC MICROAMMETER

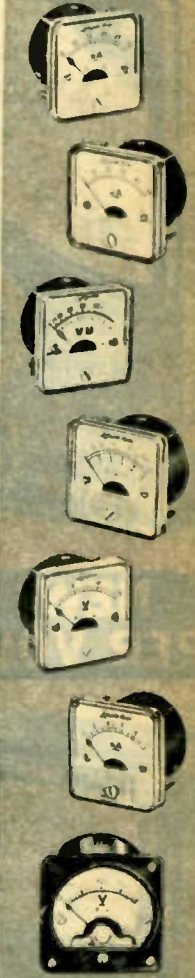
TM-200	0-50 DC	MICROAMPERES	Net 4.95
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AMMETERS

TM-510*	50-0-50 DC	AMPERES	Net 3.95
TM-511*	0-10 DC	AMPERES	Net 3.95
TM-500*	0-5 RF	AMPERES	Net 3.95

VOLTMETERS

TM-100	0-15 DC	VOLTS	Net 3.75
TM-101*	0-200 DC	VOLTS	Net 3.75
TM-300*	0-150 DC	VOLTS	Net 3.75
TM-301	0-300 DC	VOLTS	Net 3.75



NEW! EDGE-WISE PANEL METERS

- 2% FULL SCALE ACCURACY
- PRECISION D'ARSONVAL MOVEMENTS
- FRONT PANEL AREA ONLY 3/4x1"

For use where panel space is limited. Requires about 1/2 the panel area of conventional 2 1/2" meters. Lightweight; only 10 ozs. Has precision D'Arsonval meters with 2% or better full scale accuracy. Front panel dimension is 3/4x1". Overall depth is 3/2" behind panel including terminals. Has stud-type solder terminals and zero adjustment screw. Shpg. wt., 3/4 lbs.

VU METER

VU METER — Calibrated and damped in accordance with standard VU meter practice. Upper scale reads -20 to +3 VU. Lower scale reads 0-100% modulation. Accurate to ±0.5 VU from 30-15,000 cps.

TM-23 Net 5.95

0-150 AC VOLTMETER

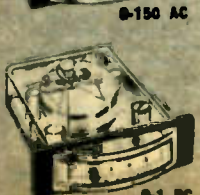
0-150 AC VOLTMETER — Full-wave bridge rectifier type. 1000 ohms per volt. 5 volts per division, linear scale.

TM-22 Net 5.99

0-1 DC MILLIAMMETER

0-1 DC MILLIAMMETER — CALIBRATED from 0-1 ma in 0.02 ma. divisions. Black scale, red pointer.

TM-21 Net 5.99



NEW! MINIATURE FM & AM TUNING METERS

- GALVANOMETER MOVEMENT
- 50 μA SENSITIVITY
- FRONT PANEL AREA ONLY 7/8x3/4"

Miniature FM and AM tuning meters can be easily installed on any tuners. The remarkable sensitivity enables you to tune in stations with surprising ease. Galvanometer movement of the indicator assures complete accuracy. Despite its miniature size, the tuning meter is ruggedly built. Insulation resistance between case and terminals: 20 megohms/500 V. Solder lugs are provided at the back. Plastic case cover. Complete with instruction sheets. Size: 7/8x3/4x1". Shpg. wt., 4 ozs.

FM TUNING METER

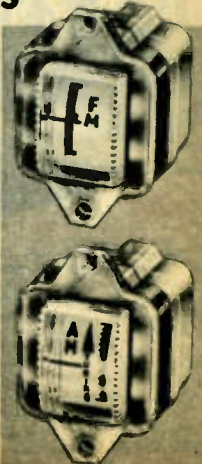
FM TUNING METER. Can be connected between radio detector and AF amplifier. The indicator will rest in the center when station is tuned in. Current sensitivity ±50 microamps DC. Internal resistance about 430 ohms.

TM-13 Net 2.95

AM TUNING METER

AM TUNING METER. Can be connected into the second IF stage of AM radio. Graduated scale with maximum deflection of pointer indicating station being tuned in.

TM-12 Net 2.95



QUANTITY USERS PLEASE WRITE FOR INDUSTRIAL PRICE QUOTATIONS

SENSATIONAL VALUES IN MULTITESTERS

NEW! 10,000 OHMS PER VOLT MULTITESTER ON BOTH AC AND DC

OUTPERFORMS INSTRUMENTS MANY TIMES ITS SIZE



- EXTRA LARGE 3½" METER FACE
- COMPLETELY WIRED (NOT A KIT)
- ALL ACCESSORIES INCLUDED

FULL SCALE RANGES

DC VOLTS: 0-6; 0-30; 0-120; 0-600; 0-1200; AC VOLTS: 0-6; 0-30; 0-120; 0-600; 0-1200; DC CURRENT: 0-120 μ A; 0-3M; 0-300M RESISTANCE: 0-30K; 0-3 MEG DECIBELS —20 to +63 in 5 scales; Capacity 50 μ F to .01 μ F; and .001 μ F to .15U; OUTPUT RANGES 0-6; 0-30; 0-120; 0-600; 0-1200.

Unbelievable Bargain. Lafayette's new multimeter is a complete factory wired and tested instrument (not a kit). It can be conveniently carried in the pocket, and features unusually sensitive 10,000 ohms-per-volt AC-DC meter, 1% precision resistors, and the largest meter ever placed on an instrument of this size. Single easy-to-use range selector switch can be appreciated by the novice and the engineer alike. Case and panel are made of durable bakelite. First capacity range requires 120 volts AC, second range requires 6 volts AC. Probes and flexible leads are plastic coated and color coded. Size 4½ x 3½ x 1½. Complete with leads and battery. Shpg. wt., 1½ lbs.

TE-10 Net 9.95
Pigskin carrying case for TE-10. Shpg. wt., 8 ozs.
TE-14 Net 1.95

NEW! 20,000 OHMS PER VOLT MULTITESTER

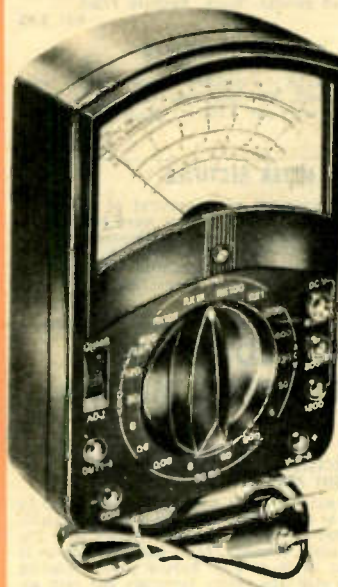


- 20,000 OHMS PER VOLT DC—10,000 OHMS PER VOLT AC
- 40 MICROAMPERE 3" D'ARSONVAL METER MOVEMENT
- HIGH INPUT RESISTANCE ON ALL DC AND AC RANGES

13.50

This new multimeter has extra-luxury features, found in the most costly instruments. Easy visibility is provided by the large 3" meter with two color scales for easy visibility. The 40 micro-ampere meter movement permits a high input resistance on all ranges: 20,000 ohms per volt on DC; 10,000 ohms per volt on AC. This plus 1% tolerance resistors all the measuring of voltages without unduly loading the circuit, thus preserving accuracy of readings. Besides the extreme sensitivity and superior versatility of this instrument, it features ranges not found on other, competitively priced VOM's. Measures 0-10-50-250-500-1000 DC volts, 0-10-50-250-500-1000 AC volts, 0-10K-100K-1 meg ohms, 0-500 microamperes, 0-10-250 milliamperes, —20 to +36 decibels, PLUS two special ranges 0-5000 henrys inductance and 250 mmf to .02 mfd capacity. Employs one standard 1½ v penlight battery. Size 3¾x5¾x1¾". Shpg. wt., 3 lbs. MODEL RW-60 Multimeter Net 13.50

NEW HIGH SENSITIVITY MULTITESTER



- 20,000 OHMS PER VOLT DC
- 10,000 OHMS PER VOLT AC
- RESISTANCE RANGE 0-60 MEGOHMS
- 40 μ A MOVEMENT
- 1% RESISTORS
- 0-0.6 VOLT DC RANGE FOR AUDIO AND TRANSISTOR WORK
- COMPLETELY WIRED
- 28 RANGES

17.95

A new high-quality, low-priced multimeter. Its light weight makes it a perfect portable instrument for technicians, servicemen, etc. Rugged design withstands hard use. Features large easy-to-read meter and sensitive 40 microamp meter movement. 1% tolerance resistors provide extreme accuracy of measurements. Housed in rugged bakelite case. Single knob selector and clearly marked positions permit easy operation. Recessed zero-ohms knob adjustment provided. Features sensitivity of 20,000 ohms/volt DC, and 10,000 ohms/volt AC. Ranges—DC volts: 0-0.6, 0-6, 0-30, 0-120, 0-600, 0-1200, 0-3000, 0-6000 volts. AC volts: 0-6, 0-30, 0-120, 0-600, 0-1200 volts. Resistance: RX1, RX100, RX1K, RX10K, DC current: 0-0.06, 0-6, 0-60, 0-600 ma. Decibels: —20 to +17 (0 db — 0.774 V). Capacity: .0001-.01, .005-.20 mfd. Output ranges: 0-6, 0-30, 0-120, 0-600, 0-1200 volts.

Complete with color-coded heavy duty test probes and battery. Size: 6x3¾x1¾". Shpg. Wt., 1½ lbs. TE-12 Net 17.95

NOW-LABORATORY TEST EQUIPMENT IN EASY-TO-BUILD KIT FORM

THE
NEW

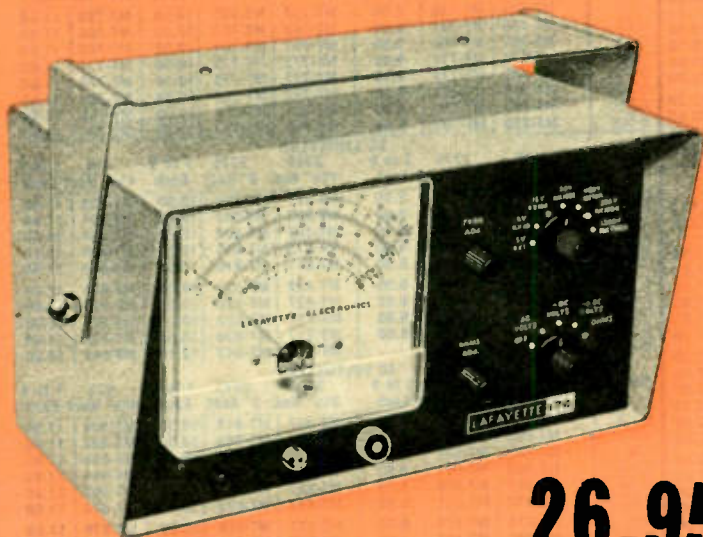
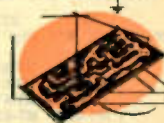
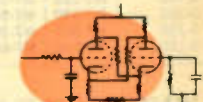
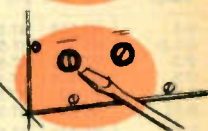
LAFAYETTE

PEAK-TO-PEAK
V.T.V.M. KIT

Unsurpassed Performance Regardless of Price!

LABORATORY QUALITY FEATURES

1. Accurate 200 μ a Meter Movement
Large 4 1/2" face in calibrated in red and black for easy reading.
2. Special Lafayette AC/DC Omni-Probe
—One handy probe for all functions.
3. External Calibration Controls—Readily accessible from the rear panel without removing cover.
4. Scope Terminals—Monitor directly from oscilloscope while making AC measurements.
5. Balanced-Bridge Push-Pull Circuitry
—provides extreme accuracy plus automatic meter burnout protection.
6. Rugged Printed Circuit—Makes building the KT-174 fast and easy.



Only 2.00 Down

26.95

AVAILABLE DECEMBER 15, 1960

- Special Low AC Ranges For Audio and Hi-Fi Applications—Readings Under 3 mv.
- Easy-to-Read 4 1/2" Meter with 200 μ a Movement
- Measures AC Peak-to-Peak, AC RMS, DC Voltage and Resistance
- Direct Reading DB Scale
- Regulated and Balanced Bridge Circuit Provides Exceptional Accuracy and Stability
- Scope Monitor Terminals For Direct Connection to Oscilloscope
- Newly Designed Lafayette Push-Button AC/DC Omni-Probe
- Calibration Controls Accessible Without Removing Cabinet
- 1% Precision Multiplier Resistors
- Rugged Time-Saving Printed Circuitry

In Every Respect a Professional Test Instrument!—Engineered to meet and exceed the rugged standards, accuracy plus required sensitivity demanded in laboratory, industrial and service applications. The KT-174 offers in remarkably easy-to-build kit form, a Vacuum Tube Volt Meter that achieves a level of performance and versatility rivaling factory wired equipment many times its price.

Construction, Circuitry and Components utilized in this kit are of the finest quality... extreme accuracy is furnished by the 200 micro-ampere meter movement with balanced-bridge push-pull circuitry. Heart of this circuit is a 12AU7 twin triode tube, utilized as a DC amplifier and bridge, with inverse cross-coupled feedback applied to each section. Since the meter movement is extremely sensitive, the tube is not required to perform outside of its linear capabilities. Operating conditions are regulated to insure accuracy with respect to changes in line voltage—a circuit design feature found only in the most costly laboratory instruments. In addition, a high input impedance of 11 megohms is incorporated, preventing the KT-174 from loading down the circuit being tested. Further accuracy is assured by use of precision deposited carbon film 1% multiplier resistors plus the finest low-leakage type switches.

VERSATILITY PLUS ease of operation and construction were the guiding principles in the design of the KT-174... the 4 1/2" meter is calibrated in an easy-to-read, two color scale incorporating a direct decibel scale plus a zero-center scale—ideal for TV-FM discriminator alignment. Scope terminals are provided at the rear panel for simultaneous wave form observation while making AC measurements; these same monitor terminals also allow

the KT-174 to monitor the output of a signal generator while utilizing the VTVM probe as a signal injector. (a prime example of the versatility designed into the KT-174). Unlike other VTVM's— Calibration Controls (AC, Low AC, DC—, DC+ and AC Bal) are readily accessible at the rear panel without removing the cover. Front panel controls include Function switch (Off, AC, DC—, DC+, Ohms); Range Switch (.05v, .15v, .5v, 1.5v-RX1, 5v-RX10, 15v-RX100, 50v-RX1000, 150v-RX10K, 500v-RX100K, 1500v-RX1M); Zero Adjust and Ohms Adjust. The meter movement is shorted in the OFF position to prevent possible damage to the pointer during transit. In addition to utilizing the KT-174 as an Electronic Ohmmeter, DC Voltmeter and AC Voltmeter, special Low AC ranges are incorporated providing noise and gain measurements (under 3 mv) for audio and high-fidelity applications—previously these measurements would normally have required a separate instrument. A specially designed Lafayette Omni-Probe with shielded low loss cable performs all functions—fast trouble free push-button selection for AC or DC ohms.

Unquestionably The Finest VTVM in its class available today, the KT-174 is an even greater value because you save by building it yourself. Utilizing a printed circuit board, this is an amazingly simple kit to build, with most of the wiring completed for you. Lafayette's famous step-by-step Instructions and huge pictorial diagrams assure ease of assembly. Attractive dark grey front panel is set in a contrasting textured light grey metal case. Complete with tubes, battery and special Lafayette Omni-Probe. Size 8 1/2 x 6 W x 5" D. For 105-125 volts, 60 cycles AC. Shpg. wt., 8 lbs.

KT-174 2.00 Down Net 26.95

COMPARE THESE SPECIFICATIONS

DC Voltmeter
Ranges: 0-1.5, 5, 15, 50, 150, 500, 1500V
Input Resistance: All ranges—11 Megohms
Sensitivity—1.5V Range: 7.3 Megohms/Volt
Accuracy: \pm 2% of full scale at 117VAC—deviation due to line voltage variation between 105-125 volts is negligible

AC Voltmeter
Low AC
Ranges: RMS-0 to 50 mv, 0-150 mv, 0-500 mv
Peak-To-Peak—0-140 mv, 0-420 mv, 0-1400 mv
Accuracy: \pm 5% of full scale
Input Impedance: 1 megohm at 1 KC
Freq. Response: \pm 1 db from 20 to 250,000 cps from 600-ohm source

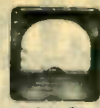
Regular AC
Ranges: RMS—0-1.5, 5, 15, 50, 150, 500, 1500 volts
Peak-To-Peak: 0-42, 140, 42, 140, 420, 1400, 4200 V
Accuracy: \pm 5% of full scale
Decibels: —10 to +5
Freq. Response: \pm 1 db 20 cps to 4 mc from 600-ohm source
Input Impedance at 1KC: 0-1.5v, 5v, 15, 50-. 83 Meg. 0-150v, 1.3 meg.—0-500v, 1500v—1.5 meg.

Ohmmeter
7 Ranges: 0-1000 Rx1, Rx10, RX100, RX1000, RX-10K, RX100K, RX1M using precision 1% dividing resistors.
Meter Movement: 200- μ a for full scale deflection with 2% accuracy.
Tubes: 1—6BN6 AC full-wave peak rectifier and low AC amplifier; 1—12AU7 twin triode meter DC amplifier and balanced bridge. Incorporates Half Wave Selenium Rectifier and Well Filtered Fused Power Supply.

TRIPLETT PANEL METERS

METER SPECIFICATIONS

The panel meter with the quality of distinction. Accurate to within 2% of full scale. DC meters employ D'Arsonval moving coil movements; AC types use double-iron repulsion movements. Finest alloy-steel permanent magnets. Jeweled bearings and steel alloy pivots for dependable service. Cushioned ceramic bumpers protect pointer against Overtravel. Easy-to-read black scales on white enamel metal dial faces. Molded black bakelite case. Av. shpg. wt., 1 1/2 lbs.



2 1/2", 3"

GLASS-FRONT PANEL METERS

4 1/2"

LAFAYETTE CAN SUPPLY THE COMPLETE LINE OF TRIPLETT METERS. See chart at bottom of page for meter dimensions.

ATTENTION—INDUSTRIAL BUYERS!
SPECIAL QUANTITY DISCOUNTS
ON TRIPLETT METERS
LOTS OF 10-24 DEDUCT 10%
LOTS OF 25-49 DEDUCT 15%
LOTS OF 50 & UP DEDUCT 20%

DC MICROAMMETERS

Range	221T		227T		1 to 9		321T		327T		1 to 9		420		1 to 9	
	2 1/2" Rnd	2 1/2" Rect	Each	Each	3 1/2" Rnd	3" Rect	Each	Each	4 1/2" Rnd	4 1/2" Rect	Each	Each	4 1/2" Rnd	4 1/2" Rect	Each	Each
0-20	MT-475	MT-476	17.60		MT-477	MT-478	18.20		MT-479	MT-480	19.30					
0-50	MT-480	MT-481	14.90		MT-482	MT-483	15.40		MT-484	MT-485	16.50					
0-100	MT-485	MT-486	13.00		MT-487	MT-488	13.50		MT-489	MT-490	14.60					
0-200	MT-490	MT-491	11.10		MT-492	MT-493	11.70		MT-494	MT-495	12.80					
0-500	MT-495	MT-496	10.60		MT-497	MT-498	11.10		MT-499	MT-500	12.20					
50-0-50	MT-500	MT-501	13.00		MT-502	MT-503	13.50		MT-504	MT-505	14.60					
100-0-100	MT-505	MT-506	11.10		MT-507	MT-508	11.70		MT-509	MT-510	12.80					
500-0-500	MT-510	MT-511	9.90		MT-512	MT-513	10.50		MT-514	MT-515	11.60					

DC MILLIAMMETERS

Range	221T		227T		1 to 9		321T		327T		1 to 9		420		1 to 9	
	2 1/2" Rnd	2 1/2" Rect	Each	Each	3 1/2" Rnd	3" Rect	Each	Each	4 1/2" Rnd	4 1/2" Rect	Each	Each	4 1/2" Rnd	4 1/2" Rect	Each	Each
0-1	MT-515	MT-516	9.90		MT-517	MT-518	10.50		MT-519	MT-520	11.60					
0-1.5	MT-520	MT-521	9.90		MT-522	MT-523	10.50		MT-524	MT-525	11.60					
0-3	MT-525	MT-526	9.90		MT-527	MT-528	10.50		MT-529	MT-530	11.60					
0-5	MT-530	MT-531	9.90		MT-532	MT-533	10.50		MT-534	MT-535	11.60					
0-10	MT-535	MT-536	9.90		MT-537	MT-538	10.50		MT-539	MT-540	11.60					
0-15	MT-540	MT-541	9.90		MT-542	MT-543	10.50		MT-544	MT-545	11.60					
0-25	MT-545	MT-546	10.30		MT-547	MT-548	10.90		MT-549	MT-550	12.00					
0-50	MT-550	MT-551	10.30		MT-552	MT-553	10.90		MT-554	MT-555	12.00					
0-75	MT-555	MT-556	10.30		MT-557	MT-558	10.90		MT-559	MT-560	12.00					
0-100	MT-560	MT-561	10.30		MT-562	MT-563	10.90		MT-564	MT-565	12.00					
0-150	MT-565	MT-566	10.30		MT-567	MT-568	10.90		MT-569	MT-570	12.00					
0-200	MT-570	MT-571	10.30		MT-572	MT-573	10.90		MT-574	MT-575	12.00					
0-250	MT-575	MT-576	10.30		MT-577	MT-578	10.90		MT-579	MT-580	12.00					
0-300	MT-580	MT-581	10.30		MT-582	MT-583	10.90		MT-584	MT-585	12.00					
0-400	MT-585	MT-586	10.30		MT-587	MT-588	10.90		MT-589	MT-590	12.00					
0-500	MT-590	MT-591	10.30		MT-592	MT-593	10.90		MT-594	MT-595	12.00					
0-750	MT-595	MT-596	10.30		MT-597	MT-598	10.90		MT-599	MT-600	12.00					
0-1000	MT-600	MT-601	10.30		MT-602	MT-603	10.90		MT-604	MT-605	12.00					

DC AMMETERS

SELF-CONTAINED UP TO AND INCLUDING 50 AMPERES. METERS FOR 75 AMPERES (50 MILLIVOLTS) AND HIGHER HAVE SWITCHBOARD OR CURVE TYPE SHUNTS.

Range	221T		227T		1 to 9		321T		327T		1 to 9		420		1 to 9	
	2 1/2" Rnd	2 1/2" Rect	Each	Each	3 1/2" Rnd	3" Rect	Each	Each	4 1/2" Rnd	4 1/2" Rect	Each	Each	4 1/2" Rnd	4 1/2" Rect	Each	Each
0-1	MT-605	MT-606	9.90		MT-607	MT-608	10.50		MT-609	MT-610	11.60					
0-3	MT-610	MT-611	9.90		MT-612	MT-613	10.50		MT-614	MT-615	11.60					
0-5	MT-615	MT-616	10.70		MT-617	MT-618	11.20		MT-619	MT-620	12.30					
0-10	MT-620	MT-621	10.70		MT-622	MT-623	11.20		MT-624	MT-625	12.30					
0-15	MT-625	MT-626	10.70		MT-627	MT-628	11.20		MT-629	MT-630	12.30					
0-25	MT-630	MT-631	10.70		MT-632	MT-633	11.20		MT-634	MT-635	12.30					
0-30	MT-635	MT-636	10.70		MT-637	MT-638	11.20		MT-639	MT-640	12.30					
0-50	MT-640	MT-641	10.70		MT-642	MT-643	11.20		MT-644	MT-645	12.30					

VOLUME UNIT METERS

Internal impedance 3900 ohms. 1 mw. ref. level. For 600 ohm line. Type "A" Scale: 0-100%: — 20 + 3 VU on top arc. * Illuminated.

327T 3" Rect	1 to 9 Each		420 4 1/2" Rect		1 to 9 Each	
	MT-905	19.10		MT-906*	24.00	
MT-907*	20.90		MT-908*	27.30		

DECIBEL METERS

UP6 down 10 DB. For 500 ohm line. 6 mw ref. level. Zero 0B. 1.73V. Internal resistance 5000 ohms. * Illuminated.

321-T 3 1/2" Round	1 to 9 Each		327T 3" Rect		1 to 9 Each		420 4 1/2" Rect		1 to 9 Each	
	MT-909	15.30		MT-910	15.30		MT-911	17.10		MT-912*
MT-912*	17.30		MT-913*	17.30		MT-914*	18.40			

AC MILLIAMMETERS

Range	231S		237S		1 to 9		331S		337S		1 to 9		430		1 to 9	
	2 1/2" Rnd	2 1/2" Rect	Each	Each	3 1/2" Rnd	3" Rect	Each	Each	4 1/2" Rnd	4 1/2" Rect	Each	Each	4 1/2" Rnd	4 1/2" Rect	Each	Each
0-10	MT-755	MT-756	9.90		MT-757	MT-758	10.50		MT-759	MT-760	11.60					
0-15	MT-760	MT-761	9.90		MT-762	MT-763	10.50		MT-764	MT-765	11.60					
0-25	MT-765	MT-766	9.90		MT-767	MT-768	10.50		MT-769	MT-770	11.60					
0-50	MT-770	MT-771	9.90		MT-772	MT-773	10.50		MT-774	MT-775	11.60					
0-100	MT-775	MT-776	9.90		MT-777	MT-778	10.50		MT-779	MT-780	11.60					
0-200	MT-780	MT-781	9.90		MT-782	MT-783	10.50		MT-784	MT-785	11.60					
0-250	MT-785	MT-786	9.90		MT-787	MT-788	10.50		MT-789	MT-790	11.60					
0-500	MT-790	MT-791	9.90		MT-792	MT-793	10.50		MT-794	MT-795	11.60					

AC AMMETERS

Range	231S		237S		1 to 9		331S		337S		1 to 9		430		1 to 9	
	2 1/2" Rnd	2 1/2" Rect	Each	Each	3 1/2" Rnd	3" Rect	Each	Each	4 1/2" Rnd	4 1/2" Rect	Each	Each	4 1/2" Rnd	4 1/2" Rect	Each	Each
0-1	MT-795	MT-796	9.90		MT-797	MT-798	10.50		MT-799	MT-800	11.60					
0-2	MT-800	MT-801	9.90		MT-802	MT-803	10.50		MT-804	MT-805	11.60					
0-3	MT-805	MT-806	9.90		MT-807	MT-808	10.50		MT-809	MT-810	11.60					
0-5	MT-810	MT-811	9.90		MT-812	MT-813	10.50		MT-814	MT-815	11.60					
0-10	MT-815	MT-816	9.90		MT-817	MT-818	10.50		MT-819	MT-820	11.60					
0-15	MT-820	MT-821	9.90		MT-822	MT-823	10.50		MT-824	MT-825	11.60					
0-25	MT-825	MT-826	9.90		MT-827	MT-828	10.50		MT-829	MT-830	11.60					
0-50	MT-830	MT-831	9.90		MT-832	MT-833	10.50		MT-834	MT-835	11.60					
0-50	MT-835	MT-836	9.90		MT-837	MT-838	10.50		MT-839	MT-840	11.60					
0-75					MT-842	MT-843	12.10		MT-844	MT-845	13.20					

AC VOLTMETERS

Range	231S		237S		1 to 9		331S		337S		1 to 9		430		1 to 9	
	2 1/2" Rnd	2 1/2" Rect	Each	Each	3 1/2" Rnd	3" Rect	Each	Each	4 1/2" Rnd	4 1/2" Rect	Each	Each	4 1/2" Rnd	4 1/2" Rect	Each	Each
0-1.5	MT-845	MT-846	9.90		MT-847	MT-848	10.50		MT-849	MT-850	11.60					
0-3	MT-850	MT-851	9.90		MT-852	MT-853	10.50		MT-854	MT-855	11.60					
0-5	MT-855	MT-856	9.90		MT-857	MT-858	10.50		MT-859	MT-860	11.60					
0-10	MT-860	MT-861	9.90		MT-862	MT-863	10.50	</								

SIMPSON AND TRIPLETT METERS

TRIPLETT TYPE PL PLASTIC-FRONT METERS



TRIPLETT TYPE PL PLASTIC-FRONT METERS

New, attractive panel meters with unbreakable plastic fronts featuring extra scale length, greatly improved visibility and maximum protection of meter face. Accuracy within 2% of full scale. DC types employ sensitive D'Arsonval movements; AC types use double-iron repulsion movements. Can withstand severe vibration. Avg. shpg. wt., 1 1/2 lbs. Include range and model no. when ordering.



THIS IS A PARTIAL LISTING. PL PANEL METERS ARE AVAILABLE IN ALL GLASS-FRONT PANEL METER RANGES.

SPECIAL QUANTITY PRICES
 LOTS OF 10-24 DEDUCT 10%
 LOTS OF 25-49 DEDUCT 15%
 LOTS OF 50-UP DEDUCT 20%

DC MICROAMMETERS										
Range	221-PL 2 1/2" Round	227-PL 2 1/2" Rect.	1 to 9 Each	321-PL 3 1/2" Round	327-PL 3" Rect.	1 to 9 Each	420-PL 4 1/2" Rect.	1 to 9 Each		
0-50	MT-915	MT-916	15.40	MT-917	MT-918	15.90	MT-919	16.50		
0-100	MT-920	MT-921	13.50	MT-922	MT-923	14.00	MT-924	14.60		
0-200	MT-925	MT-926	11.60	MT-927	MT-928	12.20	MT-929	12.80		

DC MILLIAMMETERS										
Range	MT-930	MT-931	10.40	MT-932	MT-933	11.00	MT-934	11.60		
0-1	MT-930	MT-931	10.40	MT-932	MT-933	11.00	MT-934	11.60		
0-25	MT-935	MT-936	10.80	MT-937	MT-938	11.40	MT-939	12.00		
0-100	MT-940	MT-941	10.80	MT-942	MT-943	11.40	MT-944	12.00		
0-500	MT-945	MT-946	10.80	MT-947	MT-948	11.40	MT-949	12.00		
0-150	MT-955	MT-956	10.80	MT-957	MT-958	11.40	MT-959	12.00		
0-200	MT-960	MT-961	10.80	MT-962	MT-963	11.40	MT-964	12.00		
0-300	MT-965	MT-966	10.80	MT-967	MT-968	11.40	MT-969	12.00		
0-500	MT-970	MT-971	10.80	MT-972	MT-973	11.40	MT-974	12.00		

DC AMMETERS										
Range	MT-975	MT-976	11.20	MT-977	MT-978	11.70	MT-979	12.30		
0-5	MT-975	MT-976	11.20	MT-977	MT-978	11.70	MT-979	12.30		
0-10	MT-980	MT-981	11.20	MT-982	MT-983	11.70	MT-984	12.30		
0-25	MT-985	MT-986	11.20	MT-987	MT-988	11.70	MT-989	12.30		
0-50	MT-990	MT-991	11.20	MT-992	MT-993	11.70				

DC VOLTMETERS								
1000 ohms per volt — Film-Type Multiplier Resistors.								
Range	MT-994	MT-995	11.20	MT-996	MT-997	11.70	MT-998	12.30
0-50	MT-994	MT-995	11.20	MT-996	MT-997	11.70	MT-998	12.30

AC MILLIAMMETERS								
Range	231-PL 2 1/2" Round	237-PL 2 1/2" Rect.	1 to 9 Each	331-PL 3 1/2" Round	337-PL 3 1/2" Rect.	1 to 9 Each	430-PL 4 1/2" Rect.	1 to 9 Each
0-100	MT-999	MU-10	10.40	MU-11	MU-12	11.00	MU-13	11.60

AC AMMETERS								
Range	MU-14	MU-15	10.40	MU-16	MU-17	11.00	MU-18	11.60
0-5	MU-14	MU-15	10.40	MU-16	MU-17	11.00	MU-18	11.60
0-10	MU-19	MU-20	10.40	MU-21	MU-22	11.00	MU-23	11.60
0-25	MU-24	MU-25	10.40	MU-26	MU-27	11.00	MU-28	11.60
0-50	MU-29	MU-30	10.40	MU-31	MU-32	11.00	MU-33	11.60

AC VOLTMETERS								
Range	MU-34	MU-35	10.40	MU-36	MU-37	11.00	MU-38	11.60
0-50	MU-34	MU-35	10.40	MU-36	MU-37	11.00	MU-38	11.60
0-150	MU-39	MU-40	11.40	MU-41	MU-42	11.90	MU-43	12.50
0-300	MU-44	MU-45	12.50	MU-46	MU-47	13.00	MU-48	13.60

VOLUME UNIT METERS			
3900 ohms impedance. 1 millivolt. Ref. level for 600 ohm line.			
321-PL 3 1/2" Round	1 to 9 Each	420-PL 4 1/2" Rect.	1 to 9 Each
MU-49	19.70	MU-50	24.00

DECIBEL METERS			
Range up 6 down 10db. Zero db = 1.73 volts. Reference level 6 milliwatts. Calibrated for 500 ohm line. Internal resistance 5000 ohms.			
321-PL 3 1/2" Round	1 to 9 Each	420-PL 4 1/2" Rect.	1 to 9 Each
MU-51	16.00	MU-52	17.10

PL METER DIMENSIONS				
Model No.	Flange	Body Dia.	Depth	Scale
221-PL*	2 1/2"	2 1/2"	1"	2.197"
227-PL+	2 1/2" x 2 1/2"	2 1/2"	1 1/2"	2.197"
231-PL*	2 1/2"	2 1/2"	1"	1.92"
237-PL+	2 1/2" x 2 1/2"	2 1/2"	1 1/2"	1.92"
321-PL*	3 1/2"	3 1/2"	1"	3.11"
327-PL+	3 1/2" x 3 1/2"	3 1/2"	1 1/2"	3.11"
331-PL*	3 1/2"	3 1/2"	2"	2.65"
337-PL+	3 1/2" x 3 1/2"	3 1/2"	1 1/2"	2.65"
420-PL+	4 1/2" x 4 1/2"	4 1/2"	1 1/2"	4.14"

* Round + Rect.

SIMPSON WIDE-VUE PANEL METERS



Extra large face. All DC meters (except 0-25 and 0-50 DC microammeters) have self-shielded Core Magnet. Is not influenced by steel or proximity to magnetic fields. Accuracy 2%, except VU meters 5%. Shpg. wt., 1 1/2 lbs.

SPECIAL QUANTITY PRICES
 WRITE FOR QUOTATION IN LOTS OF 10 AND 25

AC VOLTMETERS							
Range	Resistance Ohms	1257 2 1/2" MU-75	1 to 9 Each	1357 3 1/2" MU-76	1 to 9 Each	1359 4 1/2" MU-77	1 to 9 Each
0-10	133	MU-75	11.61	MU-76	11.91	MU-77	12.68
0-150	25,000	MU-78	12.35	MU-79	13.28	MU-80	14.26
0-300	50,000	MU-81	12.35	MU-82	13.23	MU-83	14.26

AC AMMETERS — SELF CONTAINED							
Range	Resistance Ohms	1257 2 1/2" MU-84	1 to 9 Each	1357 3 1/2" MU-85	1 to 9 Each	1359 4 1/2" MU-86	1 to 9 Each
0-1	.287	MU-84	11.76	MU-85	11.76	MU-86	13.82
0-5	.012	MU-87	11.76	MU-88	11.76	MU-89	13.82
0-10	.003	MU-90	11.76	MU-91	11.76	MU-92	13.82
0-15	.0015	MU-93	12.20	MU-94	12.20	MU-95	14.26
0-25	.0003	MU-96	12.20	MU-97	12.20	MU-98	14.26
0-50	.0001	MU-99	12.20	MU-100	12.20	MU-101	14.26

DC GALVANOMETER							
Scale	Sensitivity Microamps	1227 2 1/2" MU-96	1 to 9 Each	1327 3 1/2" MU-97	1 to 9 Each	1329 4 1/2" MU-98	1 to 9 Each
50-0-50	500-0-500	MU-96	12.20	MU-97	12.20	MU-98	12.94

DECIBEL METER REFERRED TO 6 MW 500 OHM LINE							
Type	Resistance 5000 ohms	1347 3 1/2" MU-98	1 to 9 Each	1349 4 1/2" MU-99	1 to 9 Each	1351 5 1/2" MU-100	1 to 9 Each
General Purpose		MU-98	17.77	MU-99	19.40	MU-100	21.61

VU METERS REFERRED TO 1 MW, 600 OHM LINE							
Type	Resistance 5000 ohms	1347 3 1/2" MU-98	1 to 9 Each	1349 4 1/2" MU-99	1 to 9 Each	1351 5 1/2" MU-100	1 to 9 Each
A Scale	-20 + 3 VU on top arc	MU-98	17.77	MU-99	19.40	MU-100	21.61
B Scale	-20 + 3 VU on bot. arc	MU-98	17.77	MU-99	19.40	MU-100	21.61

DC VOLTMETERS							
Range	Resistance Ohms	1227 2 1/2" MU-102	1 to 9 Each	1327 3 1/2" MU-103	1 to 9 Each	1329 4 1/2" MU-104	1 to 9 Each
0-10	133	MU-102	13.08	MU-103	13.52	MU-104	14.99
0-15	25,000	MU-105	13.08	MU-106	13.52	MU-107	14.99
0-25	50,000	MU-108	13.08	MU-109	13.52	MU-110	14.99
0-30	100,000	MU-111	13.08	MU-112	13.52	MU-113	14.99
0-50	200,000	MU-114	13.08	MU-115	13.52	MU-116	14.99
0-100	400,000	MU-117	13.08	MU-118	13.52	MU-119	14.99
0-150	600,000	MU-120	13.08	MU-121	13.52	MU-122	14.99
0-300	1,200,000	MU-123	13.08	MU-124	13.52	MU-125	14.99
0-500	2,000,000	MU-126	13.52	MU-127	14.26	MU-128	15.43

DC AMMETERS — SELF CONTAINED SHUNTS							
Range	Resistance Ohms	1227 2 1/2" MU-135	1 to 9 Each	1327 3 1/2" MU-136	1 to 9 Each	1329 4 1/2" MU-137	1 to 9 Each
0-1	.050	MU-129	12.94	MU-130	12.94	MU-131	14.26
0-2	.025	MU-131	12.94	MU-132	12.94	MU-133	14.26
0-3	.0166	MU-133	12.94	MU-134	12.94	MU-135	14.26
0-5	.010	MU-135	12.94	MU-136	12.94	MU-137	14.26
0-10	.005	MU-138	12.35	MU-139	12.94	MU-140	14.26
0-15	.0033	MU-141	12.94	MU-142	12.94	MU-143	14.26
0-25	.002	MU-143	12.94	MU-144	12.94	MU-145	14.26
0-50	.001	MU-145	12.94	MU-146	12.94	MU-147	14.26

DC MICROAMMETERS							
Range	Resistance Ohms	1227 2 1/2" MU-147	1 to 9 Each	1327 3 1/2" MU-148	1 to 9 Each	1329 4 1/2" MU-149	1 to 9 Each
0-25	2200	MU-147	18.37	MU-148	19.26	MU-149	21.31
0-50	2000	MU-150	15.88	MU-151	16.32	MU-152	17.64
0-100	2000	MU-153	14.26	MU-154	14.85	MU-155	16.61
0-200	1000	MU-156	12.94	MU-157	13.52	MU-158	14.99
0-500	200	MU-159	12.79	MU-160	13.25	MU-161	13.40
50-0-50	2000	MU-162	13.40	MU-163	14.99	MU-164	16.76

DC MILLIAMMETERS							
Range	Resistance Ohms	1227 2 1/2" MU-165	1 to 9 Each	1327 3 1/2" MU-166	1 to 9 Each	1329 4 1/2" MU-167	1 to 9 Each
0-1	46	MU-165	12.20	MU-166	12.79	MU-167	13.52
0-5	23	MU-168	12.20	MU-169	12.79	MU-170	13.52
0-10	7	MU-171	12.20	MU-172	12.79	MU-173	13.52
0-25	2	MU-174	12.49	MU-175	13.06	MU-176	14.26
0-50	3	MU-177	12.49	MU-178	13.06	MU-179	14.26
0-100	1.5	MU-180	12.49	MU-181	13.06	MU-182	14.26
0-150	1	MU-183	12.49	MU-184	13.06	MU-185	14.26
0-200	.75	MU-186	12.49	MU-187	13.06	MU-188	14.26
0-250	.60	MU-189	12.49	MU-190	13.06	MU-191	14.26
0-300	.50	MU-191	12.49	MU-192	13.06	MU-193	14.26
0-500	.30	MU-194	12.49	MU-195	13.06	MU-196	14.26

SHURITE PANEL METERS—METER RECTIFIERS

SHURITE PANEL METERS



GLASS FRONT
Type 950

CLEAR
PLASTIC
Type 850



GLASS
FRONT
Type 550

Economy model panel meters with fast response, excellent torque-to-weight ratio, long scales, and accuracy well within standard 5%. AC are double-vane repulsion type with jeweled bearing. DC are polarized-vane solenoid type of moving magnet construction. Require a 2 1/2" hole. "H" indicates high resistance. L = Low Internal Resistance. CLEAR PLASTIC: Attractive plastic meters with 2 1/2" W x 2 1/4" H crystal polystyrene front for exceptional visibility and protection. Frosted finish interior. GLASS-FRONT: Sturdy metal case, glass-front meters. Round model is clamp-mounted; square model is flange-mounted. Average Shpg. wt., 1/2 lb. Sensitive type, 500 ohms resistance.

ATTENTION INDUSTRIAL USERS!
Special Quantity Discounts on Shurite Meters on This Page
10-24 DEDUCT 10% 25-49 DEDUCT 15%

SHURITE AC METERS

GLASS FRONT LESS ZERO ADJUST

RANGE	TYPE 550	TYPE 950	NET
A.C. MILLIAMMETERS			
0-10	MT-232	MT-238	3.33
0-25	MT-233	MT-239	3.14
0-50	MT-234	MT-240	3.14
0-100	MT-235	MT-241	3.14
0-250	MT-236	MT-242	3.14
0-500	MT-237	MT-243	3.14

A.C. AMMETERS

RANGE	TYPE 550	TYPE 950	NET
0-1	MT-248	MT-255	3.04
0-3	MT-249	MT-256	3.04
0-5	MT-250	MT-257	3.04
0-10	MT-251	MT-258	3.04
0-15	MT-252	MT-259	3.04
0-30	MT-253	MT-260	3.14
0-50	MT-254	MT-261	3.33

A.C. VOLTMETERS

RANGE	TYPE 550	TYPE 950	NET
0-4	MT-268	MT-278	3.19
0-6	MT-269	MT-279	3.19
0-10	MT-270	MT-280	3.19
0-15	MT-271	MT-281	3.19
0-25	MT-272	MT-282	3.19
0-50	MT-273	MT-283	3.53
0-150	MT-274	MT-284	3.63
0-300	MT-275	MT-285	4.26
0-600	MT-276	MT-286	4.80
0-750	MT-277	MT-287	5.39

PLASTIC FRONT TYPE 850

RANGE	LESS ZERO ADJUST	NET	WITH ZERO ADJUST	NET
A.C. MILLIAMMETERS				
0-10	MT-448	3.53	MT-449	3.87
0-25	MT-450	3.33	MT-451	3.48
0-50	MT-244	3.33	MT-420	3.67
0-100	MT-245	3.33	MT-421	3.67
0-250	MT-246	3.33	MT-422	3.67
0-500	MT-247	3.33	MT-423	3.67

A.C. AMMETERS

RANGE	TYPE 550	TYPE 950	NET	
0-1	MT-452	3.23	MT-453	3.58
0-3	MT-262	3.23	MT-424	3.58
0-5	MT-263	3.23	MT-425	3.58
0-10	MT-264	3.23	MT-426	3.58
0-15	MT-265	3.23	MT-427	3.58
0-30	MT-266	3.33	MT-428	3.67
0-50	MT-267	3.53	MT-429	3.87

A.C. VOLTMETERS

RANGE	TYPE 550	TYPE 950	NET	
0-10	MT-288	3.38	MT-430	3.72
0-15	MT-454	3.38	MT-455	3.72
0-25	MT-289	3.38	MT-431	3.72
0-50	MT-290	3.72	MT-432	4.02
0-150	MT-291	3.82	MT-433	4.16
0-300	MT-292	4.46	MT-434	4.80



SHURITE BATTERY TESTERS

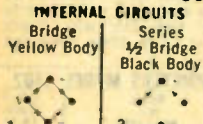
Pocket testers with bright plated cases, metal dials, and prods. Sturdily built. Test batteries without load. Ideal for testing batteries used in transistor circuits, model railroads, hearing aids, portable radios, etc. Shpg. wt., 8 ozs.

HEARING AID BATTERY TESTER

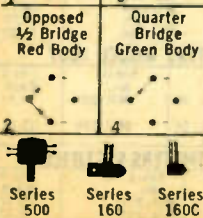
Ideal for checking 1.5, 15, 22.5, 30, 33, and 45 volt batteries. Net 3.72

Range	GLASS FRONT LESS ZERO ADJUST			GLASS FRONT WITH ZERO ADJUST			PLASTIC FRONT TYPE 850			
	Type 550	Type 950	Net	Type 550	Type 950	Net	Less Zero Adjust	Net	With Zero Adjust	Net
DC MILLIAMMETERS										
0-1				MT-100	MT-114	3.53			MT-128	3.72
0-3L*				MT-101	MT-115	3.23			MT-129	3.43
0-3	MT-102	MT-116	2.65	MT-293	MT-305	2.99	MT-462	2.84	MT-463	3.18
0-5	MT-103	MT-117	2.40	MT-294	MT-306	2.74	MT-130	2.60	MT-317	2.94
0-10	MT-104	MT-118	2.16	MT-295	MT-307	2.50	MT-131	2.35	MT-318	2.70
0-15	MT-105	MT-119	1.96	MT-296	MT-308	2.30	MT-132	2.16	MT-319	2.50
0-25	MT-106	MT-120	1.96	MT-297	MT-309	2.30	MT-133	2.16	MT-320	2.50
0-50	MT-107	MT-121	1.96	MT-298	MT-310	2.30	MT-134	2.16	MT-321	2.50
0-100	MT-108	MT-122	1.96	MT-299	MT-311	2.30	MT-135	2.16	MT-322	2.50
0-150	MT-109	MT-123	1.96	MT-300	MT-312	2.30	MT-136	2.16	MT-323	2.50
0-200	MT-110	MT-124	1.96	MT-301	MT-313	2.30	MT-137	2.16	MT-324	2.50
0-300	MT-111	MT-125	1.96	MT-302	MT-314	2.30	MT-138	2.16	MT-325	2.50
0-400	MT-112	MT-126	1.96	MT-303	MT-315	2.30	MT-139	2.16	MT-326	2.50
0-500	MT-113	MT-127	1.96	MT-304	MT-316	2.30	MT-140	2.16	MT-327	2.50
DC AMMETERS										
0-1	MT-141	MT-156	1.96	MT-328	MT-343	2.30	MT-464	2.16	MT-465	2.50
0-3	MT-142	MT-157	1.96	MT-329	MT-344	2.30	MT-171	2.16	MT-358	2.50
0-5	MT-143	MT-158	1.96	MT-330	MT-345	2.30	MT-172	2.16	MT-359	2.50
0-8	MT-144	MT-159	1.96	MT-331	MT-346	2.30				
0-10	MT-145	MT-160	1.96	MT-332	MT-347	2.30	MT-173	2.16	MT-360	2.50
0-15	MT-146	MT-161	1.96	MT-333	MT-348	2.30	MT-174	2.16	MT-361	2.50
0-25	MT-147	MT-162	2.45	MT-334	MT-349	2.79	MT-175	2.65	MT-362	2.99
0-50	MT-148	MT-163	2.45	MT-335	MT-350	2.79	MT-176	2.65	MT-363	2.99
3-0-3	MT-149	MT-164	2.06	MT-336	MT-351	2.40				
5-0-5	MT-150	MT-165	2.06	MT-337	MT-352	2.40				
6-0-6	MT-151	MT-166	2.06	MT-338	MT-353	2.40				
10-0-10	MT-152	MT-167	2.45	MT-339	MT-354	2.79	MT-177	2.65	MT-364	2.99
20-0-20	MT-153	MT-168	2.45	MT-340	MT-355	2.79	MT-178	2.65	MT-365	2.99
30-0-30	MT-154	MT-169	2.45	MT-341	MT-356	2.79	MT-460	2.65	MT-461	2.99
50-0-50	MT-155	MT-170	2.55	MT-342	MT-357	2.89	MT-458	2.74	MT-459	3.09
DC VOLTMETERS										
0-1	MT-179	MT-200	1.96	MT-366	MT-387	2.30				
0-3	MT-180	MT-201	1.96	MT-367	MT-388	2.30	MT-221	2.16	MT-409	2.50
3-0-3	MT-181	MT-202	1.96	MT-368	MT-389	2.30				
0-5	MT-182	MT-203	1.96	MT-369	MT-390	2.30	MT-222	2.16	MT-410	2.50
0-6	MT-183	MT-204	1.96	MT-370	MT-391	2.30				
0-8	MT-184	MT-205	1.96	MT-371	MT-392	2.30	MT-223	2.16	MT-411	2.50
0-10	MT-185	MT-206	1.96	MT-372	MT-393	2.30	MT-224	2.16	MT-412	2.50
0-15	MT-186	MT-207	1.96	MT-373	MT-394	2.30	MT-225	2.16	MT-413	2.50
0-20	MT-187	MT-208	1.96	MT-374	MT-395	2.30	MT-456	2.16	MT-457	2.50
0-25	MT-188	MT-209	2.25	MT-375	MT-396	2.60	MT-226	2.45	MT-414	2.79
0-25H	MT-189	MT-210	2.70	MT-376	MT-397	3.04				
0-50	MT-190	MT-211	2.25	MT-377	MT-398	2.60	MT-227	2.45	MT-415	2.79
0-50H	MT-191	MT-212	2.89	MT-378	MT-400	3.23				
0-75	MT-192	MT-213	2.25	MT-379	MT-401	2.60				
0-100	MT-193	MT-214	2.25	MT-380	MT-402	2.60				
0-100H	MT-194	MT-215	2.94	MT-381	MT-403	3.28				
0-150	MT-195	MT-216	2.35	MT-382	MT-404	2.69	MT-228	2.55	MT-416	2.89
0-150H	MT-196	MT-217	3.04	MT-383	MT-405	3.38				
0-300H	MT-197	MT-218	3.14	MT-384	MT-406	3.48				
0-500H	MT-198	MT-219	3.38	MT-385	MT-407	3.72				
0-750H	MT-199	MT-220	3.97	MT-386	MT-408	4.31				
RESISTANCE METERS										
10,000 ohms	MT-229	MT-230	2.35	MT-417	MT-418	2.89	MT-231	2.74	MT-419	3.15
MT-447 FLANGE ADAPTER RING FOR ROUND METERS — 2 3/4" BLACK FINISH .18										

CONANT METER RECTIFIERS



Copper oxide rectifiers for meters and relay circuits. Max. AC input 5 Volts. DC reverse voltage 2.25. Frequency response: Series 500 0-1 MC, others 0-75 MC. Mounting: series 500 6-32 stud, series 160 #2 screw, series 160C fuse clip. All with 3" leads. Av. shpg. wt., 5 oz.



Stock No.	Conant Type	Series	Int. Circ.	No. Tms.	Forward DC MA	Av. Output DC MA	Net E.a.
RE-28	MS	500	1	4	100	50	2.06
RE-29	H	500	2	3	100	50	1.50
RE-30	T	500	3	3	100	50	1.50
RE-31	H	500	4	2	100	50	1.18
RE-32	B	160	1	4	10	5	2.06
RE-33	BHS	160	2	3	10	5	1.50
RE-34	BT	160	3	3	10	5	1.50
RE-35	BH	160	4	2	10	5	1.18
RE-36	BHS-C	160-C	1	4	10	5	2.06
RE-37	BHS-C	160-C	2	3	10	5	1.50

SPECIAL METER RECTIFIER

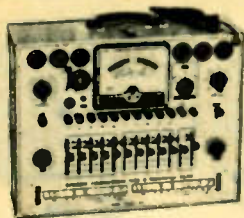


A full wave, economical meter rectifier of exceptionally linear characteristics. Universal replacement for all multimeters, such as Lafayette's miniature V.O.M.'s. Single screw mount. Long terminals, 5 oz. Net .43

TYPE	RANGE	NET
MT-435	0-5	2.45
MT-436	0-7	2.45
MT-437	0-50	2.94
MT-438	0-2-50	3.14
MT-439	0-5-50	3.04
MT-440	0-7.5-90	3.14
MT-441	0-2-6	3.82
MT-442	0-2-150	3.77
TYPE	RANGE	NET
MT-443	0-3	2.45
MT-444	0-15	2.45
MT-445	0-40	2.94



KITS AND WIRED TEST EQUIPMENT



666K



630K



565K



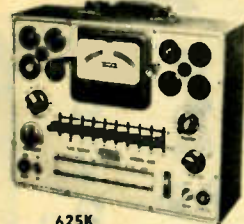
566K



536K



612K



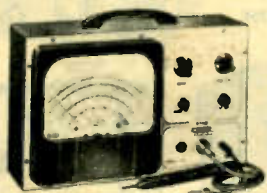
625K



232K



221K



249K



214K



540K

MODEL 666K DYNAMIC CONDUCTANCE TUBE AND TRANSISTOR TESTER

An ideal tube tester for color and monochrome TV servicing. Tests all receiving tubes, including 4, 5, 6, 7-pin, octal, locat, miniature 7 and 9-pin, sub-miniature, 5, 6, 7-pin (in-line base) and 8-pin (circular base) receiving tubes, transmitting and special-purpose tubes, VR, cold-cathode rectifiers, magic eye and ballast tubes. Tests color and black-and-white TV picture tubes with accessory adaptor. Measures transistor collector current and shows current amplification factor. Individual test of multi-section tubes. Measures Gp, Gm and also leakage in ohms. 4 1/2" 200 µA D'Arsonval meter movement, in clear lucite case. For 105-130 volts, AC 50/60 cps. TE-151WX Kit 5.00 Down Net 69.95

Model 666. As above, but factory wired and tested. TE-152WX 5.00 Down Net 109.95

MODEL 625K TUBE TESTER

Cathode Conductance type of tube tester features 10 individual lever-action switches for testing each tube element. Tests all std. tubes including 9-pin miniature, VR, magic eye and pilot bulbs. Provides knock-out for addition of new socket. Illuminated roll chart gives instant test setting. Provides 2 grid-cap connections. Tests shorts and open elements. Protective over-load bulb also acts as fuse. 4 1/2" meter. All components and instruction manual supplied complete. For 115V 60 cycles. 1 1/2 x 9 1/2 x 4 1/4". Shpg. wt., 12 lbs. TE-153 Kit 2.00 Down Net 34.95

Model 625. As above, but factory wired and tested. TE-154 2.00 Down Net 49.95

Model L-1 Lid (cover) for 625K or 625. Shpg. wt., 3 lbs. TE-155 Net 3.98

Model 625CK. Same as 625K but with Counter Display Case. Shpg. wt., 17 lbs. TE-156 2.00 Down Net 44.95

Model 625C. As above, but factory wired and tested. TE-157 5.00 Down Net 59.95

MODEL 630K CATHODE RAY TUBE CHECKER KIT

Engineered for fast, easy, dependable testing of all sizes TV picture and oscilloscope type CR tubes right in the set or carton. Balanced bridge measurement of peak beam current (proportional to screen brightness) using neon lamp as sensitive balance indicator. Also indicates shorted or open elements. Two test sockets for duodecal (12-pin) and di-heptal (14-pin) tubes are supplied, each with 2 1/2 ft. of cable. All components and instructions supplied. For 105-125 v. 50-60 cycles. Size: 6 1/2 x 9 1/2 x 3". Shpg. wt., 6 lbs. TE-158 Net 13.95

Model 630. As above, but factory wired and tested. TE-159 Net 18.95

MODEL CRA PICTURE TUBE ADAPTER

Model CRA. Adapts No. 625 and No. 666 or similar Tube Testers for checking all sizes of TV picture tubes. Measures cathode emission; tests for filament continuity; shorts between elements. Complete with standard 12-pin socket, octal plug-in connector and 4-ft. cable to permit testing tube without removal from set. Shpg. wt., 2 lbs. TE-160 (Not Illustrated) Net 4.50

TE-175—Same as Model CRA-110 except for 110" deflection TV picture tubes (wired only). Shpg. wt., 2 lbs. Net 3.95

MODEL 565K MULTIMETER

Large 4 1/2" meter features sensitivity: DC—20K ohms/V.; AC—1 Kohm/v. Totals 31 ranges—AC/DC volts: 0-2.5-10-50-250-1000-5000. DC current: 0-100 µa. 0-10-100-500 m.a. and 0-10 amp. Ohms: 0-2K-200K-20 meg. DB: —12 to +55 in 5 ranges. All components and instructions provided. 6 3/4 x 5 1/4 x 3". Shpg. wt., 4 lbs. TE-161 Kit 2.00 Down Net 24.95

Model 565. As above, but factory wired and tested. TE-162 2.00 Down Net 29.95
Model 555K. Same as 565K but with 1% resistors. TE-163 2.00 Down Net 29.95
Model 555. As above, but factory wired and tested. TE-164 2.00 Down Net 34.95

MODEL 566K MULTIMETER

Large 4 1/2" meter features AC/DC sensitivity of 1K ohm/v. totals 38 ranges: AC/DC/volts: 0-1-5-10-100-500-5000 AC/DC. Current: 0-1-10 m.a. 0-0.1-1 amps. Ohms: 0-5K-100K-1 meg. DB: —20 to +69 in 6 ranges. All components and instructions supplied. 6 3/4 x 5 1/4 x 3". Shpg. wt., 4 lbs. TE-165 Kit 2.00 Down Net 14.90

Model 566. As above, but factory wired and tested. TE-166 2.00 Down Net 18.95
Model 556K. Same as 566K but with 1% resistors. TE-167 2.00 Down Net 16.90
Model 556. As above, but factory wired and tested. TE-168 2.00 Down Net 23.50

MODEL 536K MULTIMETER

Outstanding value. 3" meter features AC/DC sensitivity of 1K ohm/v. 31 ranges — AC/DC volts: 0-1-5-10-50-100-500-5000. AC/DC current: 0-1-10 ma., 0-0.1-1 amp. Ohms: 0-5K100K-1 meg. DB —20 to +69 in 6 ranges. All components and instructions supplied. 6 1/2 x 3 3/4 x 2 3/4". Shpg. wt., 2 lbs. TE-169 Kit 2.00 Down Net 12.90

Model 536. As above, but factory wired and tested. TE-170 2.00 Down Net 14.90
Model 526K. Same as 536, but with 1% resistors. TE-171 2.00 Down Net 13.90
Model 526. As above, but factory wired and tested. TE-172 2.00 Down Net 16.90

MODEL 540K UTILITY TESTER

An all-in-one Multi-Range ac/dc voltmeter, ammeter, ohmmeter, wattmeter and leakage checker. Indispensable in home repairs of electrical appliances, and in automotive trouble-shooting of batteries, generators, distributors, etc. 3 1/2" meter, ranges: Volts AC/DC 0-7.5-15-150-300. AC/DC current: 0-15 amps. Ohms 0-100 ohms. Capacitor leakage test. All components and instructions supplied. 3 3/4 x 6 1/2 x 3 1/2". Shpg. wt., 3 lbs. TE-173 Kit 2.00 Down Net 12.95

Model 540. As above, but factory wired and tested. TE-174 2.00 Down Net 15.95

MODEL 612K CONTINUITY TESTER

Battery powered filament tester for all receiving and picture tubes. Supplied with batteries. Shpg. wt., 1 lb. TE-254 Kit 2.00 Down Net 3.95
TE-255 Wired 2.00 Down Net 5.95

MODEL 232K PEAK-TO-PEAK VACUUM TUBE VOLTMETER

A precision unit with advanced engineering features. 11 MΩ input impedance. 1% precision ceramic multiplier resistors used. Measures directly peak-to-peak voltage 0-4, 14, 42, 140, 420, 1400, 4200. DC/RMS sine volts: 0-1.5, 5, 15, 50, 150, 500, 1500 (up to 30,000 volts with HVP probe, and 250 mc with PRF probe). Ohms: 0.2 ohms to 1000 meg in 7 ranges. Easy calibration. 4 1/2" meter, can't-burn-out circuit. Zero center. With new AC/DC Uni-Probe—half turn to select DC or AC/ohms. Exceptional stability and accuracy. All components and instructions supplied. For operation of 105-125 50/60 cps AC. Size: 8 1/2 x 5 x 5". Shpg. wt., 7 lbs. TE-176 Kit 2.00 Down Net 29.95

Model 232. As above, but factory wired and tested. TE-177 2.00 Down Net 49.95

MODEL 249K DELUXE P-P VTVM

Same as Model 232 except it uses 7 1/2" meter. 8 1/2 x 13 x 5". Shpg. wt., 9 lbs. TE-178 Kit 2.00 Down Net 39.95

Model 249. As above, but factory wired and tested. TE-179 5.00 Down Net 59.95

MODEL 221K VTVM

A precision VTVM for fast operation and lifetime dependable service. 4 1/2" meter, can't-burn-out circuit. New zero center. Totals 15 ranges—AC/DC volts: 0-5-10-100-500-1000 v. (30,000 volts and 200 MC with HVP-1 and P-75 probes). Ohms: 0-1K ohms, 0-1-10-100-1000 megohm. DB: —20 to +55 in 5 ranges. New stable double triode balanced bridge circuit—25 meg Ω DC input impedance. 115v., 60 cycle. 9-1/16 x 6 x 5". Includes all parts and tubes and instructions. Shpg. wt., 10 lbs. TE-180 Kit 2.00 Down Net 25.95

Model 221. As above, but factory wired and tested. TE-181 2.00 Down Net 39.95

MODEL 214K DELUXE VTVM KIT

Same as model 221 except it uses 7 1/2" meter. 13 1/4 x 9 x 6". Shpg. wt., 11 lbs. TE-182 Kit 2.00 Down Net 34.95

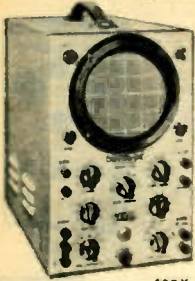
Model 214. As above, but factory wired and tested. TE-183 5.00 Down Net 54.95

VTVM PROBE KITS

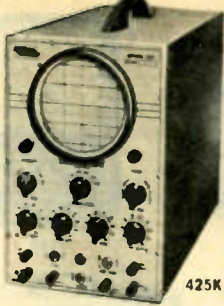
For 11 megohm VTVM
TE-184. PTP11K. p-p probe kit Net 4.95
TE-185. PTF11. As above, but factory wired Net 6.95
TE-186. PRF11K. RF probe kit Net 3.75
TE-187. PRF11. As above, but factory wired Net 4.95
For 25 megohm VTVM
TE-188. PTP25K. p-p probe kit Net 4.95
TE-189. PTF25. As above, but factory wired Net 6.95
TE-190. PRF25K. RF probe kit Net 3.75
TE-191. PRF25. As above, but factory wired Net 4.95
TE-192 HVP2. High Voltage Probe, reads up to 30,000 v wired and tested. Specify VTVM model number to be used with probes Net 4.95
Average Shpg. wt. for the above units—1 lb.



KITS AND WIRED TEST EQUIPMENT



460K



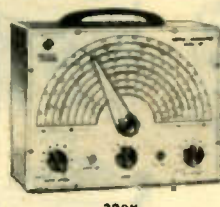
425K



1020K



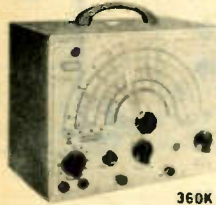
315K



320K



352K



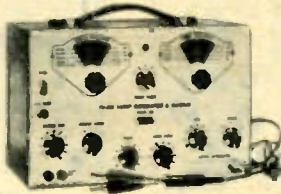
360K



377K



495



368K



324K

MODEL 460K NEW WIDE BAND SCOPE

Excellent Lab precision scope featuring Push-pull direct coupled vertical amplifier with high sensitivity: 25 mv/in. Response flat from DC to 4.5 mc, useful to 10 MC, ideal for reproduction of 3.58 mc color TV sync. burst. 4 step freq.-compensated attenuator in both AC, DC positions. Also internal voltage calibration. Automatic sync. limiter and amplifier. 2X-full screen horizontal positioning. Sweep-freq: 10 to 100K cps with external capacitor for lo-freq. sweeps. Pre-set TV V & H sweep positions (30 and 7875 cps). Variably lit graphed 5" screen. Very hi-input impedance. Complete with all components and instructions for easy assembly. 13 x 8 1/2 x 16". For 105-125 vac, 50-60 cycles. Shpg. wt., 30 lbs.

TE-222WX Kit 5.00 Down Net 79.95
Model 460. As above, but factory wired and tested.
TE-223WX 5.00 Down Net 129.50

MODEL 1020K TRANSISTORIZED POWER AND BIAS SUPPLY

Highly versatile, stable and reliable. A completely transistorized, very low ripple, portable DC power and bias supply providing continuously variable output voltage. 2N256 power transistors in the transformer-operated circuit permit output voltage up to 30 volts. Max. permissible load current varies from 150 ma to 300 ma. Max. ripple (120 cps) at full load is only 1/200 of 1%. A universal power supply for operating transistor radios, hearing aids, preamps, instruments, etc. Shpg. wt., 4 1/2" lbs.

TE-224 Kit 2.00 Down Net 19.95
Model 1020. As above, but factory wired and tested.
TE-225 2.00 Down Net 27.95

MODEL 425K 5" OSCILLOSCOPE

New, professional oscilloscope kit, for precise servicing of TV, FM and AM. Push-pull deflection and .05 to .1 Rms volt/inch sensitivity. Response, flat from 5 cps to 500 kc, useful to 2.5 mc. Wide range sweep from 15 to 75,000 cps. External sync input Direct connection to CRT plates. 6.3V line test signal output. 1 meg in/out impedance. Intensity modulation. Tubes: 3-6SN7, 2-6J5, 2-5Y3, 5BP1 CRT. For 110-120V, 60 cycles AC. All components supplied with portable steel case, schematic and pictorial diagrams. Size 8 1/2 x 17 x 13". Shpg. wt., 29 lbs.

TE-226WX Kit 2.00 Down Net 44.95
Model 425. As above, but factory wired and tested.
TE-227WX 5.00 Down Net 79.95

SCOPE ACCESSORY PROBES

Features: fully shielded rugged terminal board mounting of all parts. Shock-mounted floating construction, with swivel action and color-coded for easy identification. Shpg. wt., 5 oz.

TE-228 PSD-K.—Demodulator Probe Kit Net 3.75
TE-229 PSD.—As above, but factory wired Net 5.75
TE-230 PD-K.—Direct Probe Kit Net 2.75
TE-231 PD.—As above, but factory wired Net 3.95
TE-232 PLC-K.—Low Capacity Probe Kit Net 3.75
TE-233 PLC.—As above, but factory wired Net 5.75

NEW! MODEL 368K TV-FM SWEEP GENERATOR & MARKER

An excellent unit of its type; it features an all electronic sweep. 5 ranges, from 3 mc to 216 mc. Output impedance: 50 ohms. Variable Frequency Marker: 2 ranges 5-75 mc in Fundamentals, to 225 mc in Harmonics. Fixed Frequency Marker. Crystal oscillator using 4.5 mc crystal included with kit. External marker can be used. Sweep width is variable from 0.30 mc. Also continuously variable attenuator and retrace blanking. AGC circuit gives extremely flat RF output. Edge-lit hairlines give exceptional tuning accuracy. All components and instructions provided. For 105-125 volts AC, 50/60 cps. Size 8 3/4 x 13 1/2 x 7 1/4". Shpg. wt., 16 lbs.

TE-234 WX Kit 5.00 Down Net 69.95
Model 368. As above, but factory wired and tested.
TE-235 WX 5.00 Down Net 119.95

MODEL 495K VOLTAGE CALIBRATOR

Enables your scope to measure P-P voltage by comparison method. Semi-Square wave 60 cps output. Decade attenuator using 1" resistors. Ranges: 0-1—1-10—100 volt p-p, each of which is accurate $\pm 5\%$ of full scale. Output variable from 0 to 100 volts. Regulated power supply. Size 5 x 7 3/4 x 4". Shpg. wt., 4 lbs.

TE-236 Kit 2.00 Down Net 12.95
Model 495. As above, but factory wired and tested.
TE-237 2.00 Down Net 17.95

MODEL 320K SIGNAL GENERATOR

Highly stable Hartley oscillator has range of 150 kc to 102 mc with fundamentals to 34 mc. 400-cycle AM modulation bands. Vernier tuning condenser complete with all components and instructions for easy assembly. Size: 10 x 8 x 4 3/4". For 110-120V, 60 cycles AC. Shpg. wt., 10 lbs.

TE-238 Kit 2.00 Down Net 19.95
Model 320. As above, but factory wired and tested.
TE-239 2.00 Down Net 29.95
Model 322K. Similar kit to Model 320K except with individual calibration of each of the 5 bands.
TE-240 2.00 Down Net 23.95
Model 322. As above, but factory wired and tested.
TE-241 2.00 Down Net 34.95

MODEL 324K RF SIGNAL GENERATOR

For IF-RF alignment, signal tracing and trouble-shooting of TV, FM, AM sets all on fundamentals; marker generator for alignment of new h-f and older i-f TV IF's. Range: 150 kc-145 mc on fundamental; 111-435 mc on calibrated harmonics — $\pm 1.5\%$ frequency accuracy. Internal 400 cps sine-wave modulation variable from 0-50%. Colpitts oscillator. Variable gain external modulation amplifier; Turret-mounted, slug-tuned coils. RF output 100,000 microvolts. AF output up to 10 volts. Output impedance is 50 ohms. For 105-125V, AC 50/60 cps. Size: 8 x 10 x 4 3/4". Shpg. wt., 10 lbs.

TE-242 Kit 2.00 Down Net 26.95
Model 324. As above, but factory wired and tested.
TE-243 2.00 Down Net 39.95

MODEL 352K BAR GENERATOR

Reliable, accurate, portable, easy-to-use; a wonderful time-saver! Operates on channels 3, 4, 5, when connected to the antenna terminals. It produces 16 vertical bars to check HOR linearity. 12 horizontal bars to check VERT linearity. Shows picture size and V & H sync circuit stability. Output: 100,000 μ v. Very useful for TV service work when all stations are off the air. Size: 7 1/2 x 5 x 4 1/2". Shpg. wt., 6 lbs.

TE-244 Kit 2.00 Down Net 14.95
Model 352. As above, but factory wired and tested.
TE-245 2.00 Down Net 19.95

MODEL 360K TV-FM SWEEP SIGNAL GENERATOR

Complete, accurate alignment of VHF-UHF TV and FM receivers. Frequency Range: 500K to 228 MC on fundamentals. Sweep width variable from 0-30 mc. Crystal marker oscillator with variable amplitude. Provision for external marker. Phasing control included. 8 1/2" vernier dial calibrated in frequencies. TV channels marked on front panel. Tubes: 1-6X5GT, 1-12AU7, 2-6CA. For 110-120V, 60 cycles AC. Size: 10 x 8 x 6 3/4". Complete with tubes; steel case, etched panels, parts, schematic and pictorial diagrams. Less crystal. Shpg. wt., 12 lbs.

TE-246 Kit 2.00 Down Net 34.95
Model 360. As above, but factory wired and tested.
TE-247 2.00 Down Net 49.95

MODEL 315K DELUXE SIGNAL GENERATOR

Range 75 kc to 150 mc on 7 calibrated bands. Accuracy better than 1%, stabilized by VR power supply circuit. Provision for external modulation or internal 400 cycle sine-wave modulation. Output 100,000 μ v. Attenuator provided. Bandsread vernier tuning. Tubes: 6CA, 7F7, 6X5, VR-150. For 105-130V 60 cycles. Size: 12 x 13 x 7". All components and instructions supplied. Shpg. wt., 20 lbs.

TE-248 WX Kit 2.00 Down Net 39.95
Model 315. As above, but factory wired and tested.
TE-249WX 5.00 Down Net 59.95

MODEL 377K AUDIO GENERATOR

Wien Bridge-type oscillator providing both sine and square wave: 1% resistors and 4-gang condenser used. Frequency range: Sine wave, 20-200,000 cps; square wave, 60-50,000 cps. Response ± 1.5 db. 60-150,000 cps. Distortion less than 1%. Hum less than 0.4%. Accuracy $\pm 3\%$. K-follower output of 10V across 1000 ohms rated load (100mw). Size: 7 1/2 x 11 1/2 x 7 3/4". Shpg. wt., 14 lbs.

TE-250 Kit 2.00 Down Net 31.95
Model 377. As above, but factory wired and tested.
TE-251 2.00 Down Net 49.95

5MC AND 4.5 MC CRYSTALS

Precision crystals, fit std. socket (including EICO #360). Shpg. wt., 5 oz.

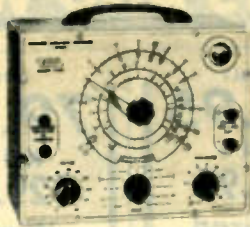
TE-252 C-5, 5MC Crystal Net 3.95
TE-253 C-4.5, 4.5 Mc crystal Net 3.95



KITS AND WIRED TEST EQUIPMENT



1060K



950K



147AK



584K



1171K



1180K



1050K



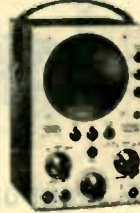
1100K



944K



1120K



145AK



1140K



488K

MODEL 1060 K EXTRA-FILTERED BATTERY ELIMINATOR & CHARGER

This versatile, rugged unit incorporates an extra low-ripple filter circuit. Ideal for latest all-transistor 6 or 12 volt equipments and any conventional ones using vacuum tubes. Selection of voltage range automatically provides appropriate current range. Fused transformer primary. Continuous voltage adjustment with Variac. 2 DC ranges and dual-range ammeter for accurate readings. Ranges: high range = 0-16V. 1.5% ripple at 2 amps, 2% at 6 amps; 6 amps continuous, 12 amps intermittent; low range = 0-8v, 0.3% ripple at 2 amps, 1.5% at 10 amps, 10 amps continuous, 20 amps intermittent. For 105-125 volts 50/60 cycle a.c. All components and instructions included. 8 3/4" x 10 1/2" x 7 3/4". Shpg. wt., 19 lbs.

TE-193 Kit 2.00 Down Net 38.95
Model 1060. As above, but factory wired and tested.
TE-194 2.00 Down Net 47.95

MODEL 1050K 6-12 VOLT BATTERY ELIMINATOR & CHARGER

Provides dependable 6-12 volt source where AC ripple component is tolerable. 2 DC ranges: 0-16 v, 6 amp continuous 12 amps intermittent; 0-8v 10 amps continuous 20 amps intermittent. Continuous voltage adjustment with Variac. Meters: voltmeter, 0-20 v., ammeter, 0-20 amps. All components and instructions included. For 105-125 volts a.c. 50/60 cycle. 8 3/4" x 10 1/2" x 7 3/4". Shpg. wt., 15 lbs.

TE-195 Kit 2.00 Down Net 29.95
Model 1050. As above, but factory wired and tested.
TE-196 2.00 Down Net 38.95

Model 1055K—An L-C filter gives additional filtering for =1050K or similar unit. Size 5 x 4 x 5 3/4". Shpg. wt., 7 lbs.

TE-198 Kit Net 11.95
Model 1055. As above, but factory wired and tested.
TE-199 Net 15.95

MODEL 584K BATTERY TESTER KIT

Accurately tests all A and B portable radio batteries in or out of receiver. Tests lantern batteries and may be adapted to other types. Provides true dynamic tests by checking battery terminal voltage, simulating conditions of actual operation. Test positions: volts — 1.5, 4.5, 6.0, 7.5, 9.0, 27.5, 45, 67.5, 75, 90, plus spare position. Test leads provided. 6 1/2" x 3 3/4" x 2". Shpg. wt., 2 lbs.

TE-200 Kit Net 9.95
Model 584. As above, but factory wired and tested.
TE-201 Net 12.95

MODEL 944K FLYBACK TRANSFORMER & YOKE TESTER

Positive check of all type flybacks and yokes, in or out of set — in just seconds! Operates on the extremely sensitive grid-dip principle — shows up even 1 shorted turn! Exclusive separate calibration for air core and iron core flybacks for accurate testing of all types. Checks any inductance when impedance is not too low. Large 4 1/2" meter. 3 separate colored scales. Tests continuity of yokes, coils, speakers, switches, etc. New compact sizes for extra-easy portability — Kit comes complete with instructions. Tube complement 1—6K6. Size 7 x 5 x 4". For 105-125 volts AC 50/60 cps. Shpg. wt., 5 lbs.

TE-202 Kit 2.00 Down Net 23.95
Model 944. As above, but factory wired and tested.
TE-203 2.00 Down Net 34.95

MODEL 1171K RESISTANCE DECADE

Ideal for general design and development work. Exceptionally accurate wide-range versatile instrument. 0-99,999 ohms in 1-ohm steps with 5 decades. Comparator position permits instant substitution of actual equivalent component of the resistance value indicated on the box. All 1/2% accurate 1 watt resistors. Quality switches. Rugged, trouble-free constructions. Smart professional styling — satin finish deep-etched aluminum panel, grey wrinkled steel case. Size 12" L, 3 1/2" W, 3" D. Shpg. wt., 3 lbs.

TE-204 Kit 2.00 Down Net 19.95
Model 1171. As above, but factory wired and tested.
TE-205 2.00 Down Net 24.94

MODEL 488K ELECTRONIC SWITCH

Simultaneous observation of 2 patterns on a single scope screen. Amplitudes of the 2 patterns are individually adjustable. Control for variable phase relation between the 2 patterns. Switching rate: continuously variable 10-2000 cps. Freq. resp. 0-30,000 cps usable to 300,000 cps. All components and instructions supplied. For 105-125 V 50-60 cycles. 6 x 8 x 6". Shpg. wt., 7 lbs.

TE-206 Kit 2.00 Down Net 23.95
Model 488. As above, but factory wired and tested.
TE-207 2.00 Down Net 39.95

MODEL 1100K RETMA RESISTANCE SUBSTITUTION BOX

A time-saving instrument with wide variety of applications. Ideal for general design or development, also service work. Enables rapid substitution of wide range of RETMA resistance values from 15 ohms to 10 megohms in decade multiples of 15, 22, 33, 47, 68, 100 ohms. Uses standard 1 watt, ± 10% RETMA resistors. Handy 5-way jack-top binding posts. Sati aluminum front panel. Size: 3 3/4" x 6 1/2" x 3 1/2". Shpg. wt., 2 lbs.

TE-208 Kit Net 5.95
Model 1100. As above, but factory wired and tested.
TE-209 Net 9.95

MODEL 145AK SIGNAL TRACER

A compact instrument with complete facilities. Essentially same as =147A with eye tube and wattmeter omitted. Features high gain RF and low gain audio channels. Shielded RF crystal demodulator and direct probes provided. Also valuable noise locator circuit. Output for VTVM or scope. May be connected as substitute speaker, amplifier or output transformer. Low noise and hum level. Tubes: 1-12AX7, 1-6AQ5, 1-6X4. All components and instructions included. For 105-125 volts 50/60 cycles. Size 8 x 10 x 4 3/4". Shpg. wt., 11 lbs.

TE-210 Kit 2.00 Down Net 19.95
Model 145A. As above, but factory wired and tested.
TE-211 2.00 Down Net 28.95

MODEL 1140K SERIES-PARALLEL R-C COMBINATIONS BOX

An extremely valuable combination of the model 1100K Resistance Box and the Model 1120K capacitance Box with additional switching facilities that permit selection of any resistance alone, any capacitance alone, or any combination of resistance and capacitance in either series or parallel. Also open circuit and short circuit positions. Same specs as =1100 and =1120. With convenient jack-top binding posts. Shpg. wt., 4 lbs.

TE-212 Kit Net 13.95
Model 1140. As above, but factory wired and tested.
TE-213 2.00 Down Net 19.95

MODEL 950K R.C. BRIDGE & R-C-L COMPARATOR

Latest bridge-type professional instrument featuring the valuable Comparator Range for measuring unknown capacitance, resistance and inductance with a complementary component as a standard. Transformer operated assures safe operation. Direct scale on panel reads 0.5 ohms — 500 megs resistance (4 ranges), 10 mmd — 5000 mfd capacitance (4 ranges), and power factor. Kit includes precision calibrating resistor. Unique comparator range has ratio from 0.05 to 20 (400 to 1). Leakage testing of all capacitors at rated dc working voltage with internal (variable) 0-500 vdc source. Electron-ray tube as both bridge balance and capacitor indicator. Attractive, durable case, neat easy-to-read characters. Size: 8" x 10" x 4 3/4". Shpg. wt., 8 lbs.

TE-214 Kit 2.00 Down Net 19.95
Model 950. As above, but factory wired and tested.
TE-215 2.00 Down Net 29.95

MODEL 147AK DELUXE SIGNAL TRACER

A deluxe instrument with unsurpassed testing facilities, engineered for high sensitivity as well as good audio quality. Features high gain RF and low gain audio channels. Both visual and aural monitors. With shielded RF crystal demodulator, valuable noise locator circuit, built in calibrated wattmeter, substitute test speaker, amplifier and output transformer. Output for VTVM or scope. Triode input circuit for extreme low noise. Hum free operation. Complete with all components and instructions with probes. For 105-125 vac 50/60 cycles. 8 x 10 x 4 3/4". Shpg. wt., 11 lbs.

TE-216 Kit 2.00 Down Net 24.95
Model 147A. As above, but factory wired and tested.
TE-217 2.00 Down Net 39.95

MODEL 1120K RETMA CAPACITANCE SUBSTITUTION BOX

Ideal equipment for development, designing, servicing work. Enables rapid substitution of wide range of RETMA capacitance values from 0.0001 to 0.22 MFD in an operating circuit to determine value needed for best performance and to find value of badly damaged or illegible capacitors. Minimum accuracy ± 10%. Uses silver-mica and molded plastic (or selay in plastic) capacitors, rated approx. 600 volts. Size: 3 3/4" x 6 1/2" x 3 1/2". Shpg. wt., 2 lbs.

TE-218 Kit Net 5.95
Model 1120. As above, but factory wired and tested.
TE-219 Net 9.95

MODEL 1180K CAPACITANCE DECADE

Ideal for general design and development work. Precision silver-mica capacitors (± 1% accuracy, rated 350 VDC continuous, 500 VDC intermittent, 1000 VDC test) arranged in 3 decades for extremely wide range of 100 MMF to 0.111 MF in steps of 100 MMF. With all switches at zero, approximately 7 uof. Insulation resistance of capacitors used, none under 50,000 megohms, most well over 250,000 megohms. Satin-finish deep-etched aluminum panel, gray wrinkled steel case. Size: 9" L, 3 1/2" W, 3 1/2" D. Shpg. wt., 3 lbs.

TE-220 Kit Net 14.95
Model 1180. As above, but factory wired and tested.
TE-221 2.00 Down Net 19.95



TEST EQUIPMENT—KITS AND WIRED



ONLY
29.95
KIT
43.95
Wired

ONLY
2.00 DOWN

RCA WV-77E(K) VOLTOHMYST IN KIT FORM

- BURNOUT-PROOF!
- 28 RANGES
- FAMED WV-77E VOLTOHMYST VTVM
- ±3% ACCURACY ON DC
- RESPONSE ±5% 40 CPS to 5 MC.
- DC INPUT 11 MEG.

This new kit makes possible substantial savings in a high quality vacuum-tube voltmeter. Its 28 ranges include 7 DC voltages: 0-1.5, 5, 15, 50, 150, 500, 1500, with ±3% of full scale accuracy and input resistance of 11 megohms; 7rms AC voltages: 0-1.5, 5, 15, 50, 150, 500, 1500, with ±5% of full scale accuracy; 7 peak-to-peak AC voltages: 0-4, 14, 40, 140, 400, 1400, 4000 volts, with 5% accuracy; 7 overlapping ohms ranges from 0.2 ohms to 1000 megohms with center-scale values of 10, 100, 1000, 10K, 100K, 1 meg, and 10 meg. ohms. Other important features include zero-center for discriminator alignment; frequency response of 40 cps to 5mc. flat to within ±5% on the 1.5 to 15 volt rms and 4 to 40 volt p-p ranges; 1% deposited-carbon resistors; meter electronically protected against burnout and ohms ranges fused; cables can be stored in sleeve on handle; meter scales color coded to match range switch; shielded by metal case; and etched front-panel lettering. Tubes are 6AL5 and 12AU7. Power requirement is 5 watts at 105-125 v., 50-60 cps AC and VS035 battery. Supplied complete with DC and AC/ohms probes and cables and ground leads, battery, and instruction book. Shpg. wt., 5½ lbs.

TE-141 2.00 Down Net 29.95
WV-77E Same, completely wired and factory-calibrated.
TE-142 2.00 Down Net 43.95



ONLY
29.95
KIT
43.95
Wired

ONLY
2.00 DOWN

RCA WV-38A(K) VOLT-QHM-MILLIAMMETER KIT

- 20,000 OHMS PER VOLT
- 5¼" METER SCALE
- EXTREME ACCURACY

Here is a new VOM by RCA that you can get either as a kit or as a factory wired instrument. A must for any kind of electronic servicing. DC voltage has 8 ranges: 0-0.25, 1.0, 2.5, 10, 50, 250, 1000, 5000 volts, with ±3% of full scale accuracy. DC input resistance is 20,000 ohms per volt. AC voltage has 6 ranges: 2.5, 10, 50, 250, 1000, 5000 volts, with ±5% full scale accuracy. Input resistance is 5000 ohms-per-volt. Frequency response, measured with reference at 1000 cps is flat within ½ db from 10 cps to 50KC for 2.5, 10, 50-volt ranges. Resistance from 0-2,000—200,000—2,000,000 ohms in three ranges. DC current has 6 ranges: 0-1-10-100-500 milliamperes, and 0-10 amps, with full scale accuracy of ±3%. Complete with internal batteries, ground lead and clip, positive probe with slip-on alligator clip, and instruction booklet. Assembly instruction sheet is provided with the kit. Size 5¼x3¼x6¾". Shipping wt., 4 lbs.

TE-139 2.00 Down Net 29.95
WV-38A Completely wired and factory tested.
TE-140 2.00 Down Net 43.95

ONLY
79.95
KIT
129.95
Wired

ONLY
5.00 DOWN

RCA WO-33A(K) 3" SCOPE KIT

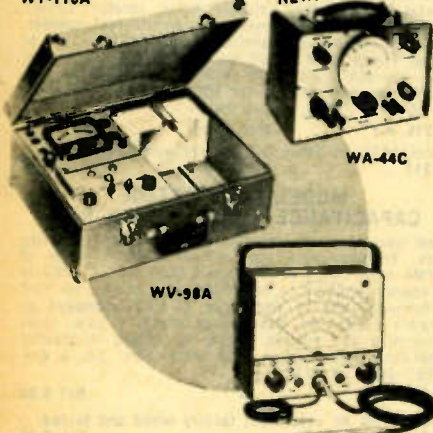
- PORTABLE & COMPACT
- WIDE GAIN & BANDWIDTH
- VERY HIGH VERT. SENSITIVITY

The new, extremely portable and compact WO-33A 3-inch Oscilloscope is available as a kit or as a factory-wired instrument. It will handle any black-and-white or color-TV servicing job. With lots of gain and bandwidth, the WO-33A can be used in PA, radio, TV, hi-fi, laboratory, ham radio, broadcast, and industrial applications! Vertical amplifier has two positions. On wide band position, sensitivity is 100 rms mv/in. and bandwidth within 3 db from 5.5 cps to 5.5 Mc. On narrow band position, sensitivity is 3 rms mv/in. and bandwidth within 3 db from 20 cps to 150KC. Has external and ± internal sync. Sync range to 4.5 Mc. Sawtooth range from 15 cps to 75 Kc. Line sweep can be adjusted 160° phase. Vertical circuit input impedance at lo-cap cable input is 10 megohms and 10 microfarads approximately. Complete with direct/lo-cap probe and cable, and instruction booklet. Assembly instruction sheet provided with the kit. Power requirement is 50 watt at 105-125 volts, 50/60 cps. Size 6½x10¼x8¾". Shipping wt., 15 lbs.

TE-137WX 5.00 Down Net 79.95
WO-33A Completely wired and factory tested.
TE-138WX 5.00 Down Net 129.95

WT-110A

NEW!



WA-44C

WV-98A

WT-110A AUTOMATIC TUBE TESTER

All-new in approach to fast, accurate tube testing—just insert punched card into the tester. Registers tube's serviceability by checking transconductance, gas shorts, and interelectrode leakage. A complete test in a few seconds. The quality of the tube is indicated on "Renew? Good" meter scale. Tests 7-pin, 9-pin, octal, and lock-in types. Speed up testing of diodes, triodes, and multi-element tubes, as well as double- and triple-unit tubes. Includes set of 239 punched cards, 1 master punch card, test card plus 24 additional punched cards, 24 unpunched accessory cards, 1 card punch, and information regarding card-punching and testing. For 115v., 60 cycles AC. Sturdy portable case 7¼x14½x17½". Shpg. wt., 28 lbs.

TE-113WX 5.00 Down Net 199.50
WG-325A 24 Blank Cards for WT-110A (1 lb)
TE-114 Net 2.25
WG-337A. 4 adapters to test tubes with small 4, 5, and 6-pin bases, and small and medium 7-pin bases.
TE-131 Shpg. wt., 6 oz. Net. 7.95
WG-338A. Tube socket adapter for testing "in-line" sub-miniature tubes.
TE-132 Shpg. wt., 6 oz Net 2.85
WG-339A. Tube socket adapter for testing 8-lead circular subminiature tubes.
TE-133 Shpg. wt., 6 oz Net 3.50
WG-324A. Gas tube adapter for testing the tubes listed as follows: DA2, OAS, OB2, OC2, OC3, DD3, OZ4.
TE-134 Shpg. wt., 6 oz. Net 2.95

WA-44C SINE-SQUARE WAVE AUDIO GENERATOR

RCA introduces its new Audio Generator, engineered for hi-fi servicemen. Features an extra-wide frequency range of 20-200,000 cps. Output voltage at 100 K ohm and 75 uuf. load: Sine wave, up to 8 volts RMS; Square wave, 10 volts P-P. Amplitude variation of output voltage at 30 cps to 100 kcs: ±1.5 db. Frequency stability: ±2%. Dial calibration accuracy: ±5%. Maximum total harmonic distortion: 0.25% from 30 cps to 15 kcs. Maximum hum less than 0.1%. Case: 10¼x6¼x7". Shpg. wt., 10½ lbs.

TE-143WX 5.00 Down Net 98.50

WV-98A SR. VOLTOHMYST

Most popular of RCA Volt Ohmyst Line. Permits direct reading of peak-to-peak voltage of complex wave forms found in video, sync and deflection circuits. Scale of 7 ranges yields DC readings to 1500V on 2 scales in overlapping 3 to 1 ranges; AC readings to 1500 V. RMS, and to 4200 V. peak-to-peak. Resistance readings from 0.2 ohm to 1,000 megohms on single scale. Other features include zero centering for TV and discriminator alignment; high input resistance on all ranges, 11 megohms for DC, 0.2 to 2 megohms for AC; accuracy of ±3% of full scale; large 6¼" wide-vision meter. For 105-125V. AC, 50-60 cps. Complete with WV-299C probe and cable, and instruction booklet. 7x3¼x6½". Shipping Wt., 7 lbs.

TE-111WX 5.00 Down Net 79.50

OTHER RCA TEST EQUIPMENT

Lafayette carries the complete line of RCA test equipment and will give prompt attention to your orders. All are available on Lafayette Payment Plan.

Stock No.	RCA Model	Description	Shpg. Wt.	Net
TE-117WX	WR-49B	RF Signal Generator	10	79.50
TE-119WX	WR-69A	TV-FM Sweep. Gen.	17	295.00
TE-120WX	WR-70A	RF/IF/AF Marker Adder	9	74.50
TE-121WX	WV-84C	Ultra Sens. DC Microm.	11	110.00
TE-123WX	WO-91A	5 in. Oscilloscope	32	239.50
TE-124WX	WR-99A	Xtal. Cal. Marker Gen.	18	242.50
TE-125WX	WT-100A	Tube Micromhometer	52	1075.00

RCA ACCESSORIES

WG-299D. DC/AC—OHMS Probe with shielded cable and coaxial connector. Shipping wt., 1 lb.
TE-126 Net 4.95
WG-300B. Direct/Lo-Cap Probe & Cable for use with oscilloscopes. Shipping wt., 1 lb.
TE-127 Net 9.95
WG-301A. CRYSTAL DIODE PROBE to extend range of Volt-Ohmyst to 250 Mc. Slip-on type. Shipping wt., 8 oz.
TE-128 Net 7.75
WG-302A. RF/IF/AF/SIGNAL TRACING PROBE for use with WG-91A and WG-300G probe. Shipping wt., 8 oz.
TE-129 Net 8.50
WG-289. HIGH VOLTAGE PROBE extends Volt Ohmyst range to 50,000 volts. Shipping wt., 1 lb.
TE-135 Net 7.15
WG-206. 1090 MEGOHM MULTIPLIER for WG-289. Shipping wt., 2 oz.
TE-136 Net 2.80
WG-270A CARRYING CASE for WV-38A (K) Shpg. wt., 2 lbs.
TE-144 Net 4.95



HICKOK TEST EQUIPMENT



820



225K



209A



800



455A



539B



870

MODEL 820 "CADDY PAL"

- TUBE AND CRT TESTER
- VTVM • OHMMETER
- TRANSISTOR CHECKER

The 820 is a low cost, compact tube transistor tester and VTVM designed and engineered for the TV Serviceman. The tube-tester section employs 11 sockets, and performs the critical "fringe tests" of gas, grid emission, contact potential, leakage and shorts. Heater voltages of 2-19 volts are supplied, and provisions for 150-300-450-600 mil tubes, plus horizontal and vertical deflection types and picture tubes are also included. All readings are made directly on the meter through a V.T.V.M. circuit. The vacuum tube voltmeter ohmmeter section reads 1.5 to 750 volts in four overlapping ranges designed to place most common voltages at the center of each range. Readable to 0.02 volts. The ohmmeter is composed of three resistance ranges which cover 1 ohm to 100 megohms. The 820 transistor checker tests both PNP and NPN and features highly accurate individual tests for both high and low power types. Case is enameled steel and measures 3 1/2 x 8 1/2 x 6". Panel is grey and gold with black nomenclature. Shpg. wt., 5 1/2 lbs. All accessories including ground lead, test lead, test probe and handy tube-test data reference chart are included.

TE-270WX 5.00 Down Net 99.55

MODEL 209A VACUUM TUBE VOLT-OHM MILLIAMMETER AND CAPACITANCE METER

A true VTVM featuring 7 uuf input capacitance and 200 megacycles frequency response. Large, multi-colored and multi-range meter, ideal for high accuracy work. Cannot overload (except m.a. circuit). Polarity reversing switch for DC. Zero-center position provided. Measures: Capacitance, 0-10,000 uuf in 2 ranges, 0-1000 uf in 5 ranges; Inductance, 50 mh-100h using conversion chart; Ohms, 0.1-10,000 megohm in 8 ranges. Volts, AC/DC, 0.3-12-30-120-300-1200; AC p-p, 0.3-12-30-120-300; DC Current, 0.3-12-30-120-300-1200 ma. DB: -20 to +25 in 3 ranges. Zero center: ± 6 or ± 1.5. Input Impedance: D.C. 12 meg; AC, 12 meg shunted by 7 uuf. (3 megs on 1200 v scale). For 105-125V, 50-70 cps. Complete with AC and DC probe, test leads, low capacity, high free. probe. Portable case. Size 13 1/4 x 16 1/4 x 7". Shpg. wt., 25 lbs.

TE-276WX 5.00 Down Net 157.00

TE-277 PR-30 KVA. High Voltage Probe for above. Extends range to 30 K.V. DC. Shpg. wt., 2 lbs. Net 18.50

MODEL 455A INDUSTRIAL MULTIMETER

A versatile, compact rugged portable VOM has unique overload cut-out system for complete protection of meter and all components regardless of the position of the single Function-and-Range selector switch. Uses full-wave bridge-type rectifier circuits. Reads: Ohms, 0-100 megohms in 4 ranges; Volts AC/DC, 3-15-60-150-600-1200 with 20k ohms/v sensitivity. Current: 0-50 μ a, 0-1-10-100-1000 m.a., 0-10 amps. With test leads. Less batteries. 8 1/2 x 5 3/8 x 3", tapering to 1 3/4". Shpg. wt., 5 1/2 lbs.

TE-278WX 5.00 Down Net 74.50
TE-279 Attractive and durable neoprene carrying case for the above. Shpg. wt., 2 lbs. Net 10.00

MODEL 225K ELECTRONIC VOM KIT

An electronic volt-ohmmeter designed for professional use featuring a large 9" accurately calibrated meter; protection against meter damage; a built-in audio-tone for convenient continuity test. Also zero-center control provided. Reads: Volts DC/AC, 0.1-5-3-12-30-120-300-1200; AC p-p, 0-4-8-32-80-320-800-3200; Ohms, 0-1000 meg in 7 ranges. Input impedance: DC, 10.5 megohm; AC, 10.5 megohm shunted by 150 uuf. Frequency response, 40 cps to 3.5 mc flat. Complete with test lead, dual-purpose AC-DC probe and instruction book for step-by-step easy assembly. Attractive portable steel case with etched aluminum panel. For 105-125V, 50-800 cps. 13 1/4 x 16 1/4 x 7". Shpg. wt., 23 lbs.

TE-280WX 5.00 Down Net 59.50

MODEL 800 DYNAMIC TUBE TRANSISTOR AND DIODE CHECKER

This precision instrument features a new leakage and shorts test that checks leakage between tube elements up to 10 megohms. 4-5-6-7 pin octal, loctal, noval, 7 pin miniature and 2 transistor sockets are provided. Three micromho scales of 0-3000, 6,000, 15,000 are directly indicated on the meter dial. The large five inch meter is multi-colored, the multi-scaled dial is anti-static coated, and of the wrap-around design to increase light, and allow a wide scale which is easily readable. The meter contains a built in roll chart listing all popular tubes. The tester is quality built throughout and thoroughly engineered to provide the best tube tester value anywhere. Panel is gold anodized with red and black lettering. 16 3/4" wide x 11 3/4" long x 7 1/4" deep. Shpg. wt., 18 lbs.

TE-272WX 5.00 Down Net 169.50

NEW 870 BETA PORTABLE TRANSISTOR CHECKER

Model 870 is two transistor testers in one. Measures large signal DC Beta on power transistors, and small signal AC Beta on low and medium power transistors. Features variable collector current and voltage. Measures: I_{cb0}, 0-100 ua, 0-1 ma, and 0-10 ma with V_{cb} variable 0-100 volts; Beta 0-100, 0-300, extendable to 600; I_{ceo}; Small Signal AC Beta with input signal 5 or 2 1/2 ua, V_{ce} 0-5, IC 0-5, and frequency of 1000 cps. Beta test accuracy within 5%. For 115 volts 60 cycles AC. Shpg. wt., 10 lbs.

TE-296WX 10.00 Down Net 298.00

MODEL 539B TUBE TESTER

Precision Laboratory portable tester for complete, dependable evaluation of electron tube. Self-bias conditions may be applied to grid under test. New VR test under simulated operating conditions. Also tests selenium rectifier and germanium diode. Built-in replaceable roll chart. Features 6 μ mh. ranges: 60,000-30,000-15,000-6,000-3,000-600 for accurate Gm testing. 4 AC signals (0.25, 0.5, 1, or 2.5V) for the grid. Independent vernier controlled grid bias, indicated by DC voltmeter. A separate AC meter for line voltage check. Measures plate and heater current in ma, and leakage to 50 megohms. Tests gas content, efficiency of cathode, tube noise and tube matching. Also rectified DC voltage for each element of the tube. For 110-125 Vac 60 cps. 16 3/4 x 18 3/4 x 7 1/2". Shpg. wt., 35 lbs.

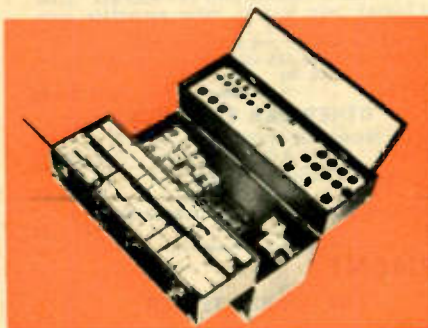
TE-292WX 10.00 Down Net 439.00

HICKOK EQUIPMENT/ACCESSORIES

We carry the complete Hickok line.

Stock No.	Mfr. No.	Description	Ibs.	Net
TE-271WX	850	Transistor analyzer	22	159.50
TE-273WX	615	Sweep/Mark gen.	39	339.90
TE-274WX	675A	Wide band scope	43	299.90
TE-275	35	Crystal probe for 675A	2	6.25
TE-281WX	121	Automatic tube tester	39	329.50
TE-283WX	123	Automatic tube tester	55	530.00
TE-284WX	123A	Automatic tube tester	57	530.00
TE-285		Punch and card set	3	20.00
TE-286WX	660	Color Dot-Bar TV gen.	21	243.00
TE-287WX	752	Field port. tube tester	25	298.00
TE-288WX	760	Video scanner	50	395.00
TE-289WX	6000	Portable tube tester	21	197.50
TE-290WX	6000C	Counter tube tester	20	195.00
TE-292	CRT	C. R. T. adapter	2	14.95
TE-295	SA1	Socket adapter	2	7.95
TE-297	RSP-4	Socket plate	2	21.00

NEW! SHELL



TC-18 CADI-TESTER

Eliminates the need for lugging that extra piece of equipment on service calls. Now your tube tester is self-contained right in the usually carried tube caddy. Tests for Emission, shorts & gas, 6 & 12 volt callibrators for on-the-spot car radio repairs. Also, test each side of multi purpose tubes. Long life sockets, manufactured to MIL specifications, assure positive contacts. Three easy-to-use controls and 18 sockets test more than 800 of the popular tubes in use. Ruggedly constructed with durable black vinyl and reinforced outside trim. For 110-120 volts, 60 cps AC 20 3/4" wide x 14" high x 8" deep. Shpg. wt., 16 lbs.

TE-666WX 5.00 Down Net 69.95

111-K TUBE TESTER KIT

A truly outstanding engineering achievement in a tube tester kit! The specialized tube gets tested for its specialty as well as generally. Latest type anti-backlash roll chart indicates the most important single test for normal applications. Tests all receiving and cathode ray tubes for both emission and mutual conductance. Filament current and tube bias of conventional and series filament tubes are measured directly on the meter. Features rotary type switches to cover all tube elements, gas check, and ultra-convenient single switch short check. Has spare switch for future tube types. Rugged steel cabinet with deeply etched aluminum panel. 3-color, step-by-step instruction manual. For 110-120V, 60 cycle AC. 14 1/2 x 6". Shpg. wt., 25 lbs.

TE-415 WX 5.00 Down Net 79.95

Model 111-W As above but factory wired.

TE-416 WX 5.00 Down Net 139.95

TE-417 PTA-K CRT ADAPTER KIT 1 lb. Net 2.95

TE-418 PTA-W CRT ADAPTER WIRED 1 lb. Net 4.25

MODEL 630-KA RF-AF-TV MARKER GENERATOR KIT

Features coverage to 110 Mc on fundamentals, 330 Mc on harmonics. With Factory assembled and calibrated RF Head. Wien Bridge AF oscillator with 20-20,000 cps range. Has external modulation provisions, speech amplifier, crystal marker, constant output impedance, stepping attenuator, vernier tuning, individually tuned coils, complete shielding. For 110-120 volts, 60 cycle AC. 8 1/2 x 5". Shpg. wt., 11 lbs.

TE-421 2.00 Down Net 38.95

Model 630-K. As above, except RF head is not factory assembled.

TE-422 2.00 Down Net 33.95

Model 630-W As above, but factory wired.

TE-423 5.00 Down Net 53.95



308-K 8 1/2" SCOPE KIT

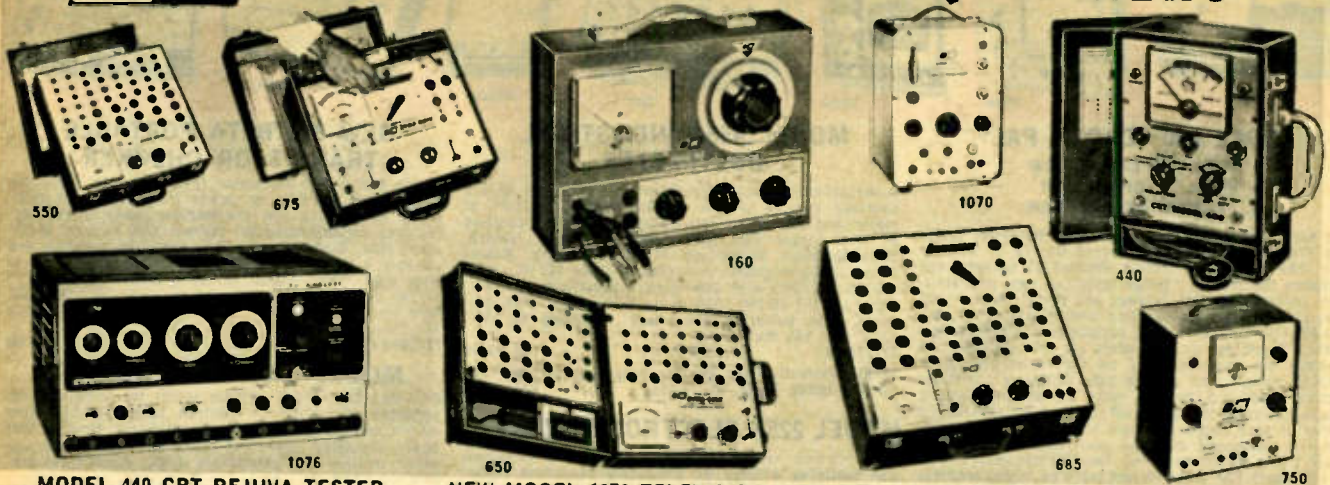
For Color & Black & White
A super scope kit with many special features: Magnifier permits extra detailed waveform analysis, vertical bandwidth from DC to 5 MC ± 1 1/2 db, sensitivity 10 millivolts, return trace eliminator, push-pull input for internal mixing. Horizontal sweep from 1 cycle to 80 kc. square wave calibrator, edge illuminated scale and green filtered screen. Includes internal blanking circuits. Z modulation through internal amplifier. Special low-loss components. Steel cabinet with deeply etched panel, 11 1/4 x 19". Complete with instruction manual and all parts. Shpg. wt., 36 lbs.

TE-439 WX 5.00 Down Net 129.50

Model 308-W As above, but factory wired.

TE-440 WX 5.00 Down Net 229.50

B&K PROFESSIONAL TEST EQUIPMENT



MODEL 440 CRT REJUVA TESTER

Most widely used today by service technicians. The deluxe all-in-one portable 440 gives you more value than ever. Quickly checks and corrects black and white, color TV picture tube troubles in a few minutes without removing tube from set. Tests and rejuvenates all picture tubes at correct filament voltages from 1 to 12 volts, including new 2.34, 2.68 and 8.4 volt tubes, new 110° tubes. Checks and corrects each gun of color tube separately. Gives new useful life to weak or inoperative picture tubes. Restores emission and brightness. Checks leakage. Repairs inter-element shorts and open circuits. Life Test checks gas content, and predicts remaining useful life of the picture tube. Grid cut-off reading indicates the picture quality. Gives quick reading at a glance. Has 4½" plastic meter. For 105-125 volts, 50/60 cps. Size: 14" x 8" x 4¾". Shpg. wt., 12 lbs.

TE-570 5.00 Down Net 74.95

NEW MODEL 1076 TELEVISION ANALYST

A miniature T.V. transmitter for TV trouble-shooting. Injects RF, IF, video, or audio signal into TV set for rapid and easy isolation of defective stages. Supplied with slide transparencies which provide standard Test patterns for adjustment of Linearity, Sensitivity, AGC, Bandwidth, Resolution, Size, and Aspect Ratio; White-Dot and Crosshatch patterns for adjustment of color convergence, color demodulator. RF & IF signals are video and audio-modulated. Separate horiz. and vert. drive pulses, 4.5 MC sound channel, 400 cycle tone generator. IF range 25-45 MC. Injects horiz. and vert. sync pulses, grid and plate drive signals directly into output transformers. Checks Fly-Backs, yokes for opens, leakage, and shorted turns. Automatic B+ Boost and HV indicators. Vert. Yoke test signal. Many other features. For 110-120 volts, 50-60 cycles AC. 11" x 17" x 9". Shpg. wt., 41 lbs.

TE-645WX 10.00 down Net 339.95

NEW MODEL 160 TRANSISTOR TESTER

Designed for servicing, lab. and industrial use, the Model 160 saves time and guesswork in servicing transistor sets and equipment. Eliminates unnecessary substitution. ONLY low-cost tester utilizing a true small A.C. signal measurement for current gain, (Beta). Reads directly in Beta—No calculations—to within ± 3%. All transistors automatically biased to standard 1 MA collector current to ensure stable test conditions. Leakage and grounded emitter tests available as well as tests for tetrode and power transistors. No external equipment required. Metered, variable D.C. Supply voltage is available for powering transistor radios undergoing servicing. Will not burn out transistors. Model 160 itself is also burn-out-proof. Complete with convenient reference charts, socket and clip leads. Operates on 105-125 volts, 50-60 cycles A.C. 9" x 7" x 2¼". Shpg. wt., 4½ lbs.

TE-644 5.00 down Net 69.95

B&K MODEL 750 CALIBRATOR

Stop losses due to inaccurate instruments. Check and adjust your test instruments with laboratory accuracy. Calibrates V.O.M.'s, VTVM's ohmmeters, milliammeters, signal generators, sweep generators, marker generators, oscilloscopes by providing standard dc and ac voltages (DC—2, 5, 25, 100 and 300 volts; AC—5, 25, 100 and 300 volts ± 1% or better). Provides standard resistances: 10, 100, 1000, 10,000 100,000 and 10 megohms; also crystal oscillator for generating well over 300 MC with accuracy of .1% and built-in tone generator for audio checking. Size: 8¾" x 8" x 5½". Shpg. wt., 8 lbs.

TE-571 5.00 Down Net 59.95

MODEL 1070 DYNA-SWEEP CIRCUIT ANALYZER

Invaluable in any service shop, this instrument simplifies servicing, saves time and work. Facilitates rapid checks in the sync and sweep sections of a TV receiver. Checks for shorted turns, leakage, opens, short circuits and continuity. Eliminates trial and error replacements. "Go-No-Go" indicator lights quickly pin-point and reveal hard-to-find troubles in the output transformer, or the high-voltage network. Also permits direct plate drive injection and vertical yoke test. Provides plate drive signal for vertical output stage to check complete vertical circuit, including V.O. transformer. Provides horizontal plate driving signal to directly drive TV horizontal output transformer circuit. Has B+ boost indicator. Size 9½" x 7" x 5". Shpg. wt., 11 lbs.

TE-576 5.00 Down Net 74.95

MODEL 550 DYNA-QUIK TUBE TESTER

Makes tests under the actual dynamic operating conditions of the TV set. The "550" measures true dynamic mutual conductance with laboratory accuracy. Tests tubes for shorts, grid emission, gas content, and leakage. Shows tube condition on "Good-Bad" scale and in micromho. Most commonly used tube types, with settings, are listed directly on socket panel for fastest operation. Convenient, complete reference chart in case. Automatic line voltage compensation. 7-pin and 9-pin straighteners on panel. 4½" plastic meter. For 105-125V, 50/60 cycle AC. In luggage type case. Size 15½x15x6¼". Shpg. wt., 18 lbs.

TE-577WX 5.00 Down Net 119.95

B&K MODEL 650 TUBE TESTER

This Model 650 Dyna-Quick is a most complete portable dynamic mutual conductance tube tester and transistor tester. Tube section will test 99% of all tubes in use—and complete the test in a matter of seconds. Will also test each section of a multiple tube separately. Condition shown on "Good-Bad" scale and in 4½" scale accurately calibrated 0-6000 or 0-18,000 umho scales. Transistor section tests junction, point contact and barrier transistors, germanium and silicon diodes, selenium and silicon rectifiers. Has separate sockets for NPN and PNP types. Remarkably compact and portable. Size 15¾" x 15" x 6½". Shpg. wt., 22 lbs.

TE-578WX 5.00 Down Net 179.95

NEW MODEL 685 DYNA-CARD TUBE TESTER

This new portable tester features the speed of multiple socket testing plus the Dyna-Card system for new tube types. Obsolescence impossible. Dyna-Card automatically sets socket connections for quick accurate testing. Can test all new tube types including the new Nuvistor, many industrial types, & 2 way radio tubes. Tests each section of multiple tubes separately. Tests GM, Shorts, Grid Emission, Life, Gas Content, Heater Continuity, 4½" plastic meter has both "Good-Bad" and "Micromho" scales. Line voltage monitored continuously. Over 125 most common tube types listed directly on socket panels. 7 and 9-pin straighteners. Transistor section tests junction, point contact, barrier transistors, Germanium and Silicon Rectifiers. Reads directly on "Good-Bad" scale. Front-To-Back ratio read on meter percentage scale. Separate sockets for NPN, PNP types. Includes 25 blank cards plus hand punch and tube card information service. Operates on 105-125 volts, 50-60 cycle AC. 17x17x7½". Shpg. wt. 18 lbs.

TE-646WX 5.00 Down Net 239.95

OTHER B&K EQUIPMENT

675 TUBE TRANSISTOR TESTER
TE-572WX 5.00 Down Net 169.95

MODEL A-107 CIRCUIT ANALYZER
TE-574 5.00 Down Net 54.95

5- ASSORTED STANDARD TV TEST TRANSPARENCIES
TE-584 5.00 Down Net 3.20

SELECTED ECONOMICAL TEST EQUIPMENT

EMC TRANSISTOR CHECKER

A neat completely wired checker for all P-N-P and N-P-N transistors. Measures Gain in 3 ranges permitting test without meter needle going off scale. Measures leakage on 2 color "Poor-Good" scale. Housed in molded bakelite case with an attractive black pointed aluminum panel neatly lettered in white. Complete with four 1½ volt penlight batteries, instructions and mfrs. typical GAIN figures. Size: 6¼x3¼x2". Shpg. wt., 2 lbs.

EMC MODEL 210
TE-599 Net 10.95



PLUG-IN LINE VOLTAGE TESTER

Pocket-sized low cost AC line voltage tester. Eliminates guesswork about faulty AC receptacles, line voltage too high or too low, etc. Permits accurate instantaneous check of line voltage AT THE RECEPTACLE. Has a standard 2-prong male plug, and therefore requires no dangling leads. Easy to read black-on-white scale has 5-volt graduations between 50 and 150 volts. Swivel head rotates 90° for ease of reading in any position. 2" meter has a damped movement accurate to within 5% at full scale. Rugged Black Steel Case. Shpg. wt. 8 oz.

TE-627 Net 2.94



EBY POCKET TESTER

Measures only 3x4x1¼", yet this amazing unit is 8 instruments in 1. Measures AC-DC volts from 0-1000 on low range. High (50KV) Range makes it ideal for measuring output of high voltage T.V. power supplies. It's signal tracer for T.V., a condenser tester, a variable frequency audio oscillator, a sweep circuit or AGC substitute voltage supply, a visual output meter for alignment work, a continuity tester, and has dozens of other uses as well. An invaluable addition to toolbox, bench, or shack. Complete with instructions. Shpg. wt., 3 lbs.

TE-626 Net 5.95



SUPERIOR INSTRUMENTS—THE ECONOMY LINE

MODEL 79 SUPER-METER



- Volt-OHM-Milliammeter
- Reads Capacity, Reactance, Inductance and Decibels
- Tests Selenium and Silicon Rectifiers, Germanium and Silicon Diodes
- 6" Full View Meter

37.73

SPECIFICATIONS

DC VOLTS: 0-15/0-15/0-15/0-15/0-150/0-1500/0-1500. AC VOLTS: 0-15/0-15/0-150/0-300/0-1500/0-3000. DC CURRENT: 0-1.5/0-15/0-150ma/0-1.5/0-15 amps. CAPACITY: 0-1000/100,000 ohms/0-10 meg. CAPACITANCE: 0.001-1 mfd./1-50 mfd. REACTANCE: 50-2500 ohms/2500 ohms—2.5 meg. INDUCTANCE: .15—777—7000 henries. DECIBELS: -6-18/+14-+38/+34-+58.

Here is a multitester which deserves the name Super-Meter. The 79 tests the quality of all the following components on separate GOOD-BAD Sca'es. All electrolytic condensers from 1 mfd. to 1000 mfd. All selenium rectifiers. All silicon rectifiers. All germanium diodes. The Super-Meter comes complete with all accessories including complete operating instructions, flexible test leads and streamlined carrying case. 16 x 11½ x 5½". Shoe, wt., 14 lbs.

TE-505 2.00 Down Net 37.73

SUPERIOR TW-11 TUBE TESTER



- FEATURING SEPARATE SCALE FOR LOW-CURRENT TUBES

46.55

Tests all tubes including 4, 5, 6, 7, octal, lock-in, peanut, bantam, hearing aid, Thyatron, miniature, sub-miniature, novel, sub-minor, proximity fuse type, etc. Will test for "shorts" and "leakages" up to 5 megohms. Uses the new self-clearing lever action switches for individual element testing. The user can instantly identify which element is under test. Truly tests tubes with tapped filaments as any of the pins may be placed in the neutral position when necessary. Individual sockets for each type of tube. No combination sockets used. Built-in roll chart provides complete data. Line voltage control compensates for variations between 105 and 130 volts. Jack on front panel for plugging in phones or amplifier to detect noise.

Operates on 105-130 volts, 60 cycles AC. Housed in a durable Texon case. 11½ x 13 x 6". Shpg. wt., 15 lbs. TE-506 2.00 Down Net 46.55

MODEL 80 ALLMETER



- 20,000 OHMS PER VOLT
- 6 INCH METER
- CHECKS VOLTAGE, RESISTANCE, CURRENT, CAPACITY AND DECIBELS

41.65

This expertly designed multitester is the only V.O.M. selling for less than \$50.00 which provides all the following features: 6" full-view meter with large, easy-to-read calibrations, mirrored scale, built-in isolation transformer, and 1% precision resistors.

SPECIFICATIONS

DC VOLTS: 0-15/0-15/0-150/0-300/0-750/0-1500/0-7500. AC VOLTS: 0-15/0-15/0-150/0-300/0-750/0-1500. RESISTANCE: 0-2000/0-20,000 ohms/0-20 meg. CAPACITY: .00025 mfd—3 mfd./0.5-30 mfd. DC CURRENT: 0-75 UA/0-7.5/0-75/0-750 mls/0-15 amps. O.B. -6-+18/+14-+38/+34-+58. Size 7½ x 6½ x 5". Shpg. wt., 5 lbs. Allmeter comes complete with operating instructions, flexible test leads and handsome saddle-stitched carrying case. Shpg. wt., 5 lbs.

TE-507 2.00 Down Net 41.65

MODEL 82A TUBE TESTER



- Tests over 600 tube types

- Takes only 10 seconds

35.77

A simple 3-step operation—turn filament selector to position specified, insert tube, press down quality button. The 82A has 22 sockets for testing all popular tube types including 024 and other gas-filled tubes. Dual scale meter permits testing of low current tubes. 4" meter with sealed air-damping chamber results in accurate vibration-less readings. 7 and 9 pin straighteners mounted on panel. All sections of multi-element tubes tested simultaneously. Ultra-sensitive leakage test circuit will indicate leakage up to 5 megohms. Housed in a handsome, portable, saddle-stitched Texon case. Shpg. wt., 10 lbs.

TE-514 2.00 Down Net 35.77

NEW! SUPERIOR 85 TRANS-CONDUCTANCE DYNAMIC TUBE TESTER



- TESTS OVER 1000 TUBE TYPES
- USES TIME-SAVING SYMBOLS

51.45

Employs latest improved trans-conductance circuit—tests tubes under simulated operating conditions. Amplification factor, plate resistance and cathode emission are all correlated in one meter reading. Scientifically selected symbols are used in place of difficult-to-remember letters to speed up element switching step. "Free-Point" lever type element switch assembly permits application of test voltages to any of the elements of a tube. Improved type meter with sealed air-damping chamber provides accurate, vibrationless readings. Spring return safety switch; 7 and 9 pin tube straighteners; circuit tests for shorts and leakages up to 5 megohms; chart with over 1,000 common tube types. Housed in handsome portable cabinet with slip-on cover. 16¾x14x7". Shpg. wt., 7 lbs.

TE-515 5.00 Down Net 51.45

MODEL 77 VACUUM TUBE VOLT-METER



- 6" METER
- STREAMLINED CARRYING CASE

41.65

Here is a highly sensitive V.T.V.M. with laboratory accuracy. The model 77 is of great value to the technician and the experimenter alike. Features a built-in isolation transformer, selenium rectified power supply, 1% zero coefficient resistors, printed circuitry and a large 6 inch super-sensitive 400 microamp. meter.

SPECIFICATIONS

DC VOLTS: 0-3/0-15/0-75/0-150/0-300/0-750/0-1500. AC VOLTS: (RMS) 0-3/0-15/0-75/0-150/0-300/0-750/0-1500. RESISTANCE: 0-1000/0-10,000/0-100,000 ohms/0-1/0-10/0-100/0-1000 megohms. DECIBELS: -10-+18/+10-+38/+30-+58. Operates on 110-120 Volt 60 cycle. 7½ x 6½ x 5". Shpg. wt., 6 lbs. All accessories including complete instruction book, probe, flexible leads and attractive portable carrying case are included.

TE-509 2.00 Down Net 41.65

MODEL TV-50A GENOMETER



- 7 SIGNAL GENERATORS IN ONE

46.55

Superior's new Model Genometer is a versatile all-inclusive generator which provides all the outputs needed for servicing AM and FM, Amplifiers, and Black and White or color TV. It is really 7 signal generators housed in one unit, producing these necessary signals: R.F. Signal generator for AM and FM—for aligning AM and FM RF circuits. Generates from 100KC to 60MC on fundamentals and from 60MC to 180MC on powerful harmonics, separate or modulated RF available; Variable Audio Frequency Generator—with 400 cycle sine wave or 300-20,000 cycle peaked wave audio signal available for checking distortion in amplifiers, amplifier gain, etc. Bar Generator—to place 4-16 horizontal or 7-20 vertical bars on TV screen for adjusting linearity controls; Cross Hatch Generator—Creates interlocked pattern for correcting ion trap adjust; Dot Pattern—dot pattern helps adjust for color convergence; Marker Generator—13 marker points provided. Size 10 x 16 x 14½". Shpg. wt., 13 lbs.

TE-510 2.00 Down Net 46.55

MODEL 83 CRT TESTER AND REJUVENATOR



37.73

TESTS BOTH BLACK & WHITE & COLOR PICTURE TUBES.

REJUVENATES ALL PICTURE TUBES.

The model 83 is a modern instrument designed specifically to test all old and new black & white as well as all color picture tubes. The tester provides individual tests for the red, green, and blue sections and provides individual filament, plate, and cathode voltages of 6.3 and 8.4 volts for black & white tubes. The 83 employs a large easy-to-read GOOD-BAD scale. It will detect tubes which are apparently good, but require rejuvenation. All accessories including portable carrying case are included. 11¾ x 7 x 3¾". Shpg. wt., 5 lbs.

TE-511 2.00 Down Net 37.73



MODEL 770A

15.53

MODEL 70



MODEL 770A V.D.M.

A popularly-priced pocket-sized V.O.M. featuring extra-large meter and 850 microampere D'Arsonval type meter. DC VOLTS: 0-7.5/0-15/0-75/0-150/0-1500. AC VOLTS: 0-15/0-30/0-150/0-300/0-1500/0-3000. RESISTANCE: 0-10,000 ohms/0-11 meg. CURRENT: 0-15/0-150ma/0-1.5 amps. DECIBELS: -6-+18/+14-+38/+34-+58. Complete with self-contained batteries, test leads, and all operating instructions. 3¼ x 5¾ x 2¼". Shpg. wt., 6 lbs.

TE-512 2.00 Down Net 15.53

MODEL 70 UTILITY TESTER

Specifically designed as an appliance and utility tester, it performs testing operations while units are in operation. In many cases. Will test toasters, irons, broilers, clocks, fans, fluorescent lamps, auto systems. Also has scales for measuring AC and DC voltages, AC and DC current, resistance, leakage (ohms scale from 0-5 Megohms). Voltage scales 0-150; 0-300. Amps Scales 0-15 amp. Comes with instructions and leads. Shpg. wt., 3 lbs.

TE-513 2.00 Down Net 15.53

Simpson

TEST EQUIPMENT



MODEL 260 And ADD-A-TESTER UNITS

MODEL 260 SERIES III AC-DC V-O-M

Its dependability has made it one of the most popular of VOMs. Now offered in a new and improved form. Sensitivity—20,000 ohms/V.D.C., 5,000 ohms/V.A.C. Ranges: DC: 0-25V, 2.5V, 10V, 50V, 250V, 1000V, 5000V; AC: 0-25V, 10V, 50V, 250V, 1000V, 5000V; A.F.: 0-2.5V, 10V, 50V, 250V; OB: 20 to +10 db; -8 to +22 db; +6 to 36 db; +20 to +50 db. DC current ranges from 0-50 u amps, 0-1, -10, -100, -500 ma; 0-10 amps. DC resistance from 0-2000 ohms, 0-200,000 ohms, 0-20 megohms. Accuracies: DC volts $\pm 3\%$ F.S.; AC volts $\pm 5\%$ F.S. DC resistance $\pm 3\%$ of arc from absolute value of resistance measured. Meter housed in Bakelite case, measures $5\frac{1}{4} \times 7 \times 3\frac{1}{8}$ ". Comes with battery and test leads. Shpg. wt., 6 lbs.

TE-310 2.00 Down Net 43.07

Model 260 RT. As above, but in "roll top" safety case. Shpg. wt., 9 lbs.

TE-311 2.00 Down Net 48.95

NO. 0247 HV PROBE for 260 for extending to 25kv.

TE-312 Shpg. wt., 1 lb. Net 11.27

NO. 1818 LEATHER CARRYING CASE for 260.

TE-313 Shpg. wt., 2 lbs. Net 7.59

NO. 402 ADAPTER KIT, Adapts older Model 260 Series 2 VOM for use with Add-A-Testers Units.

TE-352 Shpg. wt., 2 lbs. Net 3.87

NEW! SIMPSON "ADD-A-TESTER"

Now add unlimited versatility to your present 260 VOM. Simpson Add-a-tester™ adaptors (units listed below) literally turn your 260 into a whole array of testers. Each adaptor fits easily into any 260 or 270 meter produced since 1947. Simpson 260 Adaptors provide for normal 260 usage without disconnecting the adaptor.

MODEL 653 AC AMMETER

Ranges: 0-0.25/1/2.5/12/5/25 amps. Accuracy: $\pm 1\%$, with 260 $\pm 5\%$ nominal. Freq. range: 50-3000 cycles. For use with Model 260. Shpg. wt., 2 lbs.

TE-317 2.00 Down Net 18.57

MODEL 650 TRANSISTOR TESTER

Beta ranges: 0-15, -50, -250 (F.S.). Beta accuracy: $\pm 3\%$, with 260, $\pm 5\%$ nominal. Ico range: 0-100ua. Ico accuracy: $\pm 1\%$, with 260, $\pm 3\%$ (F.S.). For use with Model 260. Shpg. wt., 2 lbs.

TE-314 2.00 Down Net 26.41

MODEL 654 AUDIO WATTMETER

Load range 4, 8, 16 ohms. Direct reading scale from 17 microvolts to 100 watts with accuracy $\pm 5\%$.

TE-318 Shpg. wt., 2 lbs. Net 18.57

OTHER "ADD-A-TESTER" UNITS

MODEL 651 OC VTVM Shpg. wt., 2 lbs.

TE-315 2.00 Down Net 32.29

MODEL 652 Temperature Tester Shpg. wt., 2 lbs.

TE-316 2.00 Down Net 38.17

MODEL 656 Battery Tester Shpg. wt., 2 lbs.

TE-320 2.00 Down Net 19.55

MODEL 655 Microvolt Attenuator Shpg. wt., 2 lbs.

TE-319 2.00 Down Net 18.57

MODEL 372 OHMMETER

A superb instrument featuring an accuracy of $\pm 3\%$ arc length. Ranges: 0-500, 0-5000, 0-50,000, 0-500,000 ohms; 0-5, 0-50 megohms. Center scale: 5, 50, 500, 5000, 50,000, 500,000 ohms. Complete with test leads. Shpg. wt., 3 lbs.

TE-336 2.00 Down Net 29.35

MODEL 269 V-O-MICROAMMETER

A meter with extremely high sensitivity: D.C. 100,000 ohms/v; A.C. 5,000 ohms/v. yet completely portable, battery operated. 33 ranges; large 7" dial; only 2 controls. Ranges: D.C. volts 0-1.6 — 8-40-160-400-1600-4000v; AC volts 0-3-8-40-160-800v; AF output 0-3-8-40-160v; Resistance 0-2,000 (18 ohms center) -20,000 -200,000 -2 Megohm 20 Megohm -200 Megohms. D.C. Current 0-16-160 microamps; 0-1.6-16-160 millamps, 0-1.6 — 16 amps. Dimensions: 7-15/16" x 6" x 2-15/16". Comes with test leads, batteries, clips and 4000 v. D.C. multiplier, operator's manual. 40 KV OC probe available. Shipping wt., 6 lbs.

TE-324 5.00 Down Net 88.15

NO. 0181 HI VOLTAGE PROBE. Extends DC range of Model 269 to 40KV. Shpg. wt., 2 lbs.

TE-325 2.00 Down Net 13.23

MODEL 311 VTVM

A new, improved and expanded version of a proven meter. Has 22.0 megohm D.C. input impedance, highest in its class and zero-center scale adjustment for discriminator alignment. Ranges: DC, 0-1.5 — 5-15-150-500-1500V; A.C. — 0-1.5-5-15-50-150-500V (2.2 megohms input impedance); Peak-to-peak (for measuring complex wave forms) — 0-4-14-40-140-400-1400-4000V. Will measure AF output voltages from 0.1V to 1500V with a frequency response of $\pm 5\%$. Will measure RF voltages at frequencies from 50 cps — 100 Mc cps SCALE 0-150V RMS. Resistance measurement: X1, X10, X100, X1K, X10K, X100K, X1M. Zero center O.C.s: — .75, 0, -1.75. Meter comes with D.C. — A.C. — O.C. probe; RF probe available. Shipping wt., 6 1/2 lbs.

TE-321 5.00 Down Net 68.55

NO. 0731 RF PROBE. Measures RF volts on Model 311. Shpg. wt., 1 lb.

TE-322 2.00 Down Net 11.27

NO. 0732 HV PROBE. Extends DC volts, range to 30,000v. Shpg. wt., 1 lb. For Model 311.

TE-323 2.00 Down Net 11.51

MODEL 262 V-O-MILLIAMMETER

Similar to above in function and operation but of lower sensitivity — 20,000 ohms/v. DC; 5,000 ohms/v. A.C. Ranges: D.C. voltage 0-1.6-8-40-160-400-1600-4000 v; A.C. voltage 0-3-8-40-160-800 v; AF output 0-3-8-40-160 v. D.C. Resistance 0-500 ohms (4.5 ohms center) -5,000, -50,000, -500,000 — 5 megohms -50 megohms. D.C. current 0-80-160 microamps, 0-1.6 — 16-160 millamps; 0-1.6-16 amps. Dimensions 7-5/16" x 6" x 2-5/16". Comes with test leads, clips, 4000 V D.C. multiplier, manual. Shipping wt., 6 lbs.

TE-329 5.00 Down Net 68.55

NO. 0180 HI VOLTAGE PROBE. Extends DC voltage of Model 262 to 40KV. Shpg. wt., 2 lbs.

TE-330 2.00 Down Net 12.25

NO. 5262 CASE. Vinyl case for Model 269, 262. Size: 7 x 8 x 4". Shpg. wt., 2 lbs.

TE-331 2.00 Down Net 9.75

MODEL 270 VOM

Has all the superb features of 260 plus mirrored scale, knife-edge pointer, 1 1/2" OC and 2% AC accuracy. 5 1/4" x 7 x 3 1/8". Shpg. wt., 6 lbs. Not Illustrated

TE-353 5.00 Down Net 58.75

Model 270RT. As above, but in "roll top" safety case. Shpg. wt., 9 lbs. Not Illustrated

TE-354 5.00 Down Net 64.83

NEW! MODEL 715 AC VTVM

High input impedance, multi-voltage ranges plus wide frequency response combine to make the 715 an ideal general purpose instrument. Easily utilized for hi-fi and general low level audio work such as hum and ripple measurements, IF gain and vibration analyzing. Meter scale provides OB markings on both the voltage range positions and the meter scale: Employs $\pm 1\%$ precision resistors. Sensitivity is 10 millivolts full scale on lowest range. Accuracy: $\pm 5\%$ of full scale. Frequency Response: 10 cps to 400 KC $\pm 10B$. Ranges: Volts: 0 to 0.1/.03/.1/.3/1/3/10/30/100/300 rms; Decibel Range: -52 to +52 OBM; Zero OBM: 1 millivolt in 600 ohms. Scale Markings: —12 to +2 OB. Supplied with test leads and instructions. Operates on 110-125V 50/60 cps. Shpg. wt., 4 lbs.

TE-358 5.00 Down Net 68.55

MODEL 383A CAPACOHMMETER

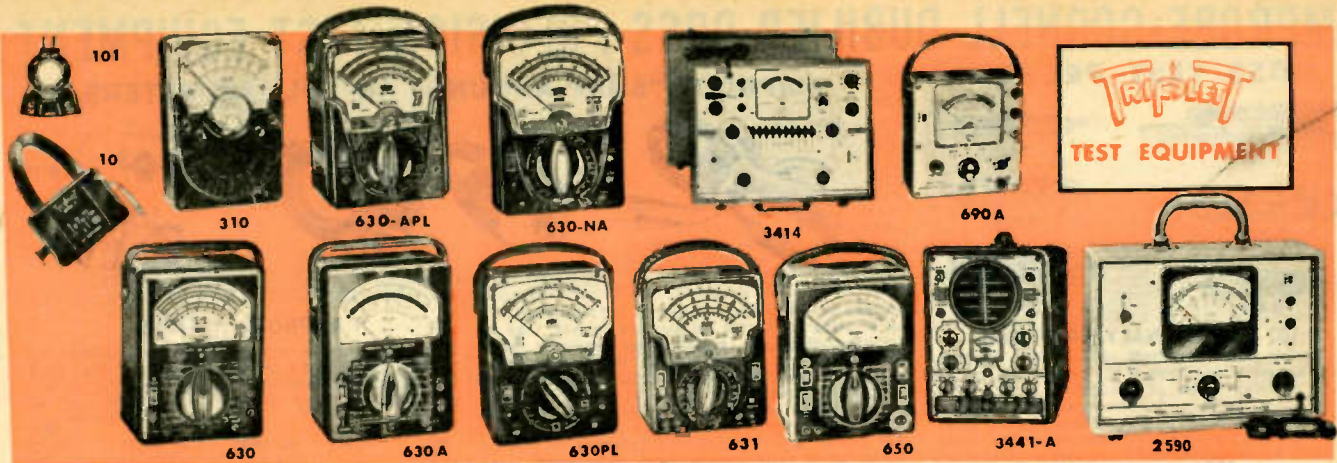
This in-circuit or out-of-circuit capacitor leakage tester will detect 60-70% of all bad capacitors while both ends are connected in the circuit. No unsoldering required—no matter how the capacitor is connected in the circuit. Pulse—voltage test quickly detects "borderline" capacitors. Unit indicates leakage and measures capacitance of paper, mica or ceramic capacitors. Has an easy to read 4 1/2" meter. Actually measures leakage in ohms; checks for direct short, open or intermittent conditions of all kinds of condensers—by-pass, coupling, blocking—from 10 mfmfd—10 mfd. All tests are made under load conditions. There is no fussing with bridge circuits and balancing controls. Readings are made with better than 10% accuracy. In addition, the instrument can be used to test for leaky wiring, sockets and transformers, distributed capacity of wiring to ground. Operates on 110 V., 60 cycles AC. Size: 8 3/8" x 1 1/8" x 8 1/2". Comes with test leads and operators manual. Shpg. wt., 11 lbs.

TE-326WX 5.00 Down Net 88.15

OTHER SIMPSON EQUIPMENT

We carry a complete line of Simpson test equipment. Easy Down-Pay Plan available. Orders filled promptly.

Stock No.	Simpson No.	Description	Shpg. Wt. Lbs.	Net
TE-327	355	Midgester	2	34.25
TE-328	6355	Leather case for 355	1	3.89
TE-332	230	AC-DC VOM	3	30.33
TE-333	240	AC-DC VOM	3	31.31
TE-334	303	VTVM	7	72.47
TE-335	362	Low-Ohmmeter	4	24.45
TE-337	382	Horiz. System Analyzer	12	68.55
TE-338	385-3L	Temp. Meter	3	33.27
TE-339	387	Millivoltmeter	3	29.30
TE-340	388-3L	Therm-O-Meter	6	66.59
TE-341	389-3L	Temp. Meter	6	61.69
TE-342	390	AC-Volt-Am-Wattmeter	5	47.97
TE-343	391	AC-DC-Volt Wattmeter	3	43.07
TE-344	392	AC-DC-Volt Wattmeter	3	43.07
TE-345WX	430	Color Bar Generator	26	387.10
TE-346WX	434A	Varidot Generator	14	148.95
TE-347WX	458	7" Color Scope	29	244.95
TE-348WX	466	Handscope	24	146.95
TE-349WX	479	TV-FM Sig. Gen.	29	367.50
TE-350WX	498A	Field Strength Meter	18	195.95
TE-351WX	1000	Tube Tester	19	186.15
TE-355WX	2610	Wide Band Scope	53	563.50
TE-356WX	2620	Pulse Generator	66	613.50
TE-357WX	2600	Self Pow. Calibrator	132	1587.60



MODEL 630 VOM
A popular VOM with a large 5½" meter for easy visibility and greater accuracy. Sensitivity 20,000 ohms per volt DC, 5,000 ohms per volt AC. Ranges: 0-3-12-60-300-1200-6000 volts, Ohms: 0-1K-10K-1 meg-100 meg, DC milliamperes: 0-0.06-1.2-12-120 at 250 millivolts. DC amperes: 0-12. DB: -20 to +70 (0 DB = 1 mw. in 600 ohms.) Meter has a molded, fully insulated case, measures 3½" x 5½" x 7½". Complete with leads, clips, batteries and instruction book. Shpg. wt., 6 lbs.
TE-368.....2.00 Down.....Net 44.50

MODEL 630A VOM
Highly accurate laboratory type VOM with mirrored scale, ½% resistors and 1½% accuracy to 1200 volts DC, 4% on other ranges. 0-3-12-60-300-1200-6000 volts OC at 20,000 ohms per volt or AC at 5000 ohms per volt. Ohms: 0-1K-10K-1 meg-100 meg. DC milliamperes: 0-0.06-1.2-12-120. DC amperes: 0-12. Decibels: -20 to +70 in six ranges. Meter has molded, fully insulated case, measures 3½" x 5½" x 7½". Furnished with leads, clips, batteries and instruction manual. Shpg. wt., 6 lbs.
TE-369.....5.00 Down.....Net 54.50

MODEL 630-PL VOM
A compact VOM of modern design. Features streamlined design, AC frequency response 5-500,000 cycles per second, DC Polarity reversing switch. High sensitivity: 5000 ohms per volt AC, 20,000 ohms per volt DC. DC Volts: 0-2.5-10-50-250-1,000-5,000. AC Volts: 0-3-10-50-250-1000-5000. Decibels: -20 to +75. DC milliamperes: 0-1-10-100-1000 at 250 millivolts. DC Amperes: 0-10 Ohms: 0-1K-10K-1 meg.-100 meg. Molded, fully insulated case, 3½" x 5½" x 7½". Complete with leads, alligator clips, batteries and instruction manual. Shpg. wt., 6 lbs.
TE-370.....2.00 Down.....Net 44.50

MODEL 630-NA VOM
The super deluxe of all VOM's. Has seventy ranges, twice as many as other VOM's. Frequency compensated from 35 cps to 20 kc. Temperature compensated. Accuracy 1½% on OC, 3% on AC. Large open front meter is very easy to read. Mirrored scale prevents parallax. Meter movement is protected against overloads. Ranges: DC volts 0-240-6-3-12-60-300-1200-6000 at 10,000 ohms per volt; 0-120-3-1.5-6-30-150-600-3000 at 20,000 ohms per volt. AC volts: 0-3-12-60-300-1200-6000 at 5000 ohms per volt; 1.5-6-30-150-600-3000 at 10,000 ohms per volt. Ohms: 0-1K-10K-100K-1 meg-10 meg-100 meg. DC milliamperes: 0-0.06-1.2-6-1.2-6-12-60-120-600, DC amperes: 0-1.2-6-12. DB: -20 to +70. Molded case, complete with leads and batteries. Shpg. wt., 7 lbs.
TE-371.....5.00 Down.....Net 74.50

VOM ACCESSORIES
Model 639-N. Carrying case for testers 630, 630-A, 630-PL, 630-APL, 630-NA, 631, 630T.
Cover flap snaps back allowing full access to meter without removing case. Black Cowhide.
TE-377.....Shpg. wt., 2 lbs.....Net 9.50
TE-399.....Shpg. wt., 2 lbs.....Net 14.90
No. T-79 A-145 R.F. probe for model 631 to extend measurements up to 250mc. Shpg. wt., 1 lb.
TE-373.....Net 7.00
No. T-79-70 0-30,000 VOC Hi-Volt Probe for 630 and 631 Series. Shpg. wt., 8 oz.
Series. Shpg. wt., 8 oz.
TE-400.....Net 14.50
No. T-225-A33 stand for 630, 631, 650. Shpg. wt., 1 lb.
TE-402.....Net 5.00

MODEL 310 VOM
Miniature VOM with ranges of 0-3-12-60-300-1200 volts DC at 20,000 ohms per volt or AC at 5,000 ohms per volt. Ohms: 0-20K-200K-2 meg.-20 meg. DC milliamperes 0-6-60-600 at 250 millivolts. The 310 measures 2¾ x 4½ x 1¾, and is made of molded plastic, with unbreakable plastic window. Complete with battery and leads. Shpg. wt., 1 lb.
TE-360.....2.00 Down.....Net 34.50

MODEL 10 CLAMP ON AC AMMETER
Clamp on type ammeter, plugs into 310 VOM. Jaws clamp around single conductor to measure 0-6-12-30-60-120-300 amps AC. Shpg. wt., 3½ lbs.
TE-361.....Net 14.50

Model 369 black leather case for model 310.
TE-362.....Shpg. wt., 8 oz.....Net 3.20
Model 379—Same as above for 310 and 10.
TE-363.....Shpg. wt., 8 oz.....Net 5.50

Model 101 LINE SEPARATOR — Divides two conductor cords, increases sensitivity 10X and 20X.
TE-364.....Shpg. wt., 2 lb.....Net 5.50

Model 100. Complete set includes Models 310 and 10, 101, 379, 311. Shpg. wt., 5 lbs.
TE-365.....5.00 Down.....Net 59.50
No. 611. Leads adapt model 10 for use with any VOM having 3 volt AC scale at 5000 ohms per volt, such as Triplett 630, 631 series.
TE-366.....Shpg. wt., 1 lb.....Net 1.90
No. 311 leads separate model 310 from model 10 in cramped locations.
TE-367.....Shpg. wt., 1 lb.....Net 1.90

MODEL 630-APL VOM
Laboratory type VOM featuring ½% resistors and more accurate movement for greater accuracy. Long mirrored scales eliminate parallax in reading. One switch selects any range, minimizes chance of incorrect settings. 5-500,000 cps frequency response for AC measurements. DC Polarity reversing switch. High sensitivity: 5000 ohms per volt AC, 20,000 ohms per volt DC. Ranges: DC Volts: 0-2.5-10-50-250-1000-5000. AC Volts: 0-3-10-50-250-1000-5000. Decibels: -20 to +75. DC milliamperes: 0-0.1-10-100-1000-10,000. Ohms: 0-1K-10K-1 meg-100 meg. Molded case, 3½" x 5½" x 7½". Complete with leads, alligator clips, batteries, and instruction manual.
TE-374—5.00 Down.....Avg. shpg. wt., 7 lbs.....Net 54.50

MODEL 631 VTVM-VOM
Complete VOM-VTVM combination. VOM is used for general servicing. VTVM used when use of VOM is undesirable because of excessive loading on the circuit. VTVM is battery operated for extra stability and portability. VTVM sensitivity 9 megohms per volt. VOM ranges: DC Volts: 0-3-12-60-300-1200 at 20,000 ohms per volt, AC Volts: 0-3-12-60-300-1200 at 5,000 ohms per volt, Ohms: 0-1.5K-15K-1.5 meg.-150 meg, DC milliamperes: 0-0.06-1.2-12-120-1200-12,000. DB: -20 to +56. VTVM Ranges: DC Volts: 0-1.2-6-30-120. Molded case, with leads and batteries. 3½" x 5½" x 7½". Shpg. wt., 7 lbs.
TE-372.....5.00 Down.....Net 64.50

MODEL 650 VTVM
A compact peak-to-peak vacuum tube voltmeter featuring sensitivity of 1 Volt full scale. Complete coverage from 15 cps to over 150 mc with one probe. Reads RMS volts or peak to peak. Accuracy 3%. Ranges: 0-1-1.5-10-100-500 volts on OC or AC-RF. Extra 0-1000 volts DC range. Peak-to-peak ranges 0-2.8-14-28-140-280-700 volts. Ohms: 0-1K-10K-100K-1 meg-100 meg-1000 meg. Insulated molded case with removable strap handle. With leads, batteries and instruction manual, for 110-120 volts 60 cycles. Shpg. wt., 8 lbs.
TE-381.....5.00 Down.....Net 89.50
TE-382—No. T-79-107 Probe for 650.....Net 14.50
Model 659 black leather case for Model 650
TE-383.....Shpg. wt., 2 lbs.....Net 10.50

NEW! MODEL 2590 TRANSISTOR TESTER
A much needed instrument for every laboratory and service shop. Tests shorts, leakage, BETA, ICBO, ICEO for both power and signal type transistors. Also checks leakage and forward currents on diodes. Extremely accurate — the instrument simulates actual operating conditions. Operation is simple — roll charts or special technical data are eliminated. The only information needed to make a test is the transistor type. A transistor socket and set of 26" external leads permit use with any basing arrangement. Meter ranges consist of: 0-1 IMA for signal transistor ICEO; 0-100 MA for power transistor ICEO; 0-500 microamp for signal transistor ICBO; 0-1MA for power transistor ICBO; 5-100 Beta range; also shows on GOOD?—BAD scale. Finished in durable gray leatherette with luggage style handle and attractive aluminum panel. Size: 11½" x 8½" x 5½". Shpg. wt., 9 lbs.
TE-398.....2.00 Down.....Net 49.50

MODEL 3414 TUBE TESTER
Portable and for Counter
Here is a Portable, easy-to-use test instrument. Its accuracy is usually found only in high-priced tube testers. All switch settings can be made before the tube warms up, burned out tubes are rejected instantly upon insertion of tube. The neon indicator detects shorts quickly and accurately. Filament voltage of 0.65 to 117 volts are provided. The 3414 contains a handy "quick change" roll chart which lists all popular radio, TV and Hi-Fi tubes. Readings are made on a large, three-color clear-view meter. Scale reads GOOD?—BAD. Counter—Portable dark grey leatherette covered case is included. 15½" x 11½" x 6½". Shpg. wt., 10 lbs.
TE-378WX.....5.00 Down.....Net 79.50

TV PICTURE TUBE ADAPTER
Check picture tubes right in set or carton. Can be used with Triplett Models 3413-B, 3423, 3414 and 3441.
TE-376 BV Adapter.....Shpg. wt., 3 lbs.....Net 5.40

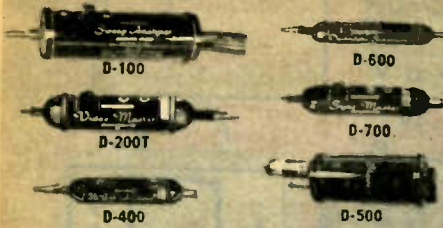
MODEL 690-A TRANSISTOR TESTER
Battery Operated Portable
Brand new tester for low, and medium-power transistors. Measures leakage and current gain of both PNP and NPN transistors. A single switch selects transistor type settings for easy and rapid testing. Meter has extra-long "GOOD" scale to provide a better indication of the degree of quality. The 690-A also affords exact tests for shorts, leakage, and forward-reverse leakage of diodes. A transistor socket accepts any standard transistor and banana-type jacks are provided for external test leads. 2½" x 5½" x 6". Batteries and test leads included. Shpg. wt., 5 lbs.
TE-379.....2.00 Down.....Net 29.50
No. 629. Black leather case for Triplett model 690-A or 625.
TE-380.....Shpg. wt., 2 lbs.....Net 7.06

OTHER TRIPLETT TEST EQUIPMENT
Lafayette stocks the complete Triplett test equipment line. Let the Lafayette Economy Payment plan help you make this equipment your own.

Stock No.	Trip No.	Description	Shpg. Wt.	
			Lbs.	Net
TE-384	625NA	V.O.M.	6	54.50
TE-385	630T	V.O.M.	6	54.50
TE-386	660	Load Check	4	34.50
TE-387	661	Load Check	4	34.50
TE-388	666HH	Pocket V.O.M.	4	27.50
TE-389	666F	Pocket V.O.M.	4	29.50
TE-392WX	3432A	Signal generator	15	89.50
TE-394WX	3438	Dot-bar color gen.	16	239.50
TE-395WX	3439	Color bar. gen.	16	249.50
TE-396WX	3441A	5" Oscilloscope	45	249.50
TE-397WX	3444	Dvn. Mt. Cond. tube tester	40	249.50
TE-403	9989	Crystal Demod. Probe for 3441A	8 62	16.50

AMPROBE·CORNELL-DUBILIER·DOSS·PRECISION TEST EQUIPMENT

DOSS TEST PROBES



D-100 SWEEP ANALYZER PROBE

An extremely small instrument utilizing both the vertical and horizontal amplifiers of the oscilloscope, quickly detects inductive shorts or leakages in flyback transformers, yokes, deflection transformers, power and audio transformers, and motor windings. Eliminates the necessity of substituting yokes or transformers for "doubtful" parts. Eliminates the costly stocking of unnecessary parts. Shpg. wt., 1½ lbs.

TE-590 Net 16.95

D-200T VIDEO MASTER

Transistorized high gain video signal tracing instrument. RF stage tuned to either 20 mc. or 40 mc. IF ranges. Provides video waveform at any point of a TV receiver on any oscilloscope, with sufficient gain to observe the signal even directly at the output of the tuner. Shpg. wt., 1½ lbs.

TE-59 Net 19.95

D-500 SLAVE OSCILLATOR

Contains two "slave" oscillators: a horizontal sweep oscillator, and a vertical sweep oscillator. Either may be quickly substituted for the TV receiver's own oscillator. Isolates sweep and sync troubles in record time and with minimum effort. Shpg. wt., 2 lbs.

TE-591 Net 19.95

D-600 ELECTROLYTIC SUBSTITUTE

Designed to shunt test all electrolytic capacitors on two ranges (10-40 MFD-450V; 50 MFD & UP-450V). Tests accurately without temporarily heating electrolytics. Neon indicator identifies when D-600 is ready for testing. Handy thumb switch selects all functions.

TE-593 Shpg. wt., 1 lb. Net 8.95

D-400 HI-LEAK ANALYZER

Quick checks capacitors for leakage or open circuit. Leakage test up to 500 megohms; for any capacitor within the range 0 to 1 mfd; between plate and cathode of vacuum tubes; and between the primary and secondary of IF, flyback transformers, etc. Shpg. wt., 1½ lbs.

TE-595 Net 12.95

D-700 SYNC MASTER

Designed for all video, sync, sweep, and audio signal tracing. Easily matched to any scope — using only TV signals — by means of built-in low and high frequency compensation controls. Adds step attenuation X10-X100 to scopes not having this facility. Shpg. wt., 1½ lbs.

TE-594 Net 10.95

D-800 "Noy-Z-lect" transistorized signal injector (batteries included). Shpg. wt., 1 lb. Not illustrated.

TE-597 Net 11.67



DOSS PIONEER 250 HORIZONTAL SWEEP ANALYST

• PERFORMS OVER 20 TESTS

The only instrument ever designed to make a dynamic, quantitative analysis of the entire horizontal sweep system. All tests are made while the set is in operation. The necessity of removing the chassis is eliminated for the 250 plugs directly into the horizontal damper and output tube sockets. Performs all the following tests: Horizontal cathode continuity, screen resistance, cathode resistance, capacitor leakage, screen voltage, cathode voltage, heater voltage, damper heater voltage, oscillator output voltage, horizontal oscillator frequency, B+, ripple, horizontal amplifier emission, gas or screen re-emission, DC drive, flyback and yoke match and test, yoke inductance. Meter also reads 0-1000, 0-50,000, 0-500K ohms, and 0-100VDC, 0-100VAC and 0-150VAC on 10,000 ohms per volt meter. Includes 2 accessory adapter cables. Shpg. wt., 8 lbs.

TE-596WX 5.00 Down Net 129.00

AMPROBE "SNAP-AROUND" AC VOLT-AMMETERS



Amprobe meters measure AC current and AC voltage without breaking the circuit. To measure current, snap the trigger-operated jaws around single conductor. Meter instantly indicates correct reading. Use furnished safety leads for voltage measurements. Rotary scale shows only scale in use. Pointer lock "freezes" pointer for subsequent reading of indication. Recessed selector knob permits one-hand operation. Insulated jaws and insulated case provide extra protection. Accurate to ± 3%. Designed for 60 cycle circuits. Have impact-proof cases, unbreakable plastic magnifying meter window. Uses printed circuit design, self-shielded meter movement. Shpg. wt., approx. 2 lbs.

AMPROBE RS-1

This meter features six ranges; AC AMPS: 0.5-15-40-100, AC Volts 0-150-600. Measures up to 1½" dia. conductors, to 1½" x ½" bars. 7¾" long, 2¾" wide, 1½" thick. Scale length 2½". Includes genuine top-grain cowhide leather case. Shpg. wt., 2 lbs.

TE-607 2.00 Down Net 39.85

AMPROBE RS-2

This meter is substantially identical to model RS-1 except has 0-150-300 volts AC range. Shpg. wt., 2 lbs.

TE-608 2.00 Down Net 39.85

AMPROBE DELUXE RS-3

Extra versatile probe also includes 0-2000 ohm range, 25 ohms midscale. AC Volts ranges 0-150-300-600, AC Amps D-5-15-40-100-300. Includes case, ohmmeter, battery attachment and voltmeter leads. Shpg. wt., 2 lbs.

TE-609 5.00 Down Net 52.50

CARRYING CASES

Genuine top-grain cowhide leather. Model G—for RS-1, RS-2 and RS-3.

TE-610 Shpg. wt., 12 oz. Net 4.00

Model P1 for all junior models. Net 24.75

TE-611 Shpg. wt., 12 oz. Net 2.85

Model D for A50, A50-1.

TE-612 Shpg. wt., 12 oz. Net 3.50

CORNELL-DUBILIER



"HANDICHECK" "IN CIRCUIT" CAPACITOR CHECKER MODEL BF-90

Provides the serviceman with a rapid means to quickly determine the condition of a capacitor without removing it from the circuit. An electron ray indicator tube registers open, short, or intermittent conditions for capacitors from 30 mmfd to 2000 mfd. Size 5½ x 7 x 10". Shpg. wt., 8 lbs.

TE-628 2.00 Down Net 37.95

CAPACITANCE DECADES

All units rated 600 VDC; 220 VAC. No.'s TE-601-2-3-4 use oil impregnated paper capacitors; TE-600 uses mica dielectric capacitors. Tolerances: TE-602, 604 ± 3%; TE-600, 601, 603 ± 5%. Size: 3¾ x 5 x 3¾". Shpg. wt., 4 lbs.

Stock No.	Mfg. Type	Range Mfd.	Mfd./Step	Net
TE-600	CDA-5	.0001-0.11	.0001	12.25
TE-601	CDB-5	.01-1.1	.01	12.25
TE-602	CDB-3	.01-1.1	.01	14.55
TE-603	CDC-5	1.0-10	1.0	21.51
TE-604	CDC-3	1.0-10	1.0	23.71

RESISTANCE DECADES

Two hand rotary switches enables decade to take on 110 values of resistance. Units can be used individually or in series of two or three. Shpg. wt., 3 lbs.

Stock No.	Mfg. Type	Range Ohms	Ohms/Step	Net
TE-623	RDA	1-110	1	13.08
TE-624	RDB	100-11,000	100	13.47
TE-625	RDC	10,000-1,100,000	10,000	13.47

AMPROBE JUNIORS

Lighter duty, smaller versions of standard Amprobes. Will measure up to ½" dia. conductors 4¾" long, 1¾" thick, 2½" wide, 1.8" long scale. Rugged construction with ribbed, non-slip case. Shpg. wt., 1 lb. for 60 cycle AC.

STOCK NO.	MODEL	AC AMPS	AC VOLTS	NET PRICE
TE-613	Y10	0-10	0-125-250	19.85
TE-614	Y25	0-25	0-125-250	19.85
TE-615	Y50	0-50	0-125-250	19.85
TE-616	Y100	0-100	0-125-250	19.85
TE-617	Y250	0-25	0-150-600	19.85
TE-618	Y500	0-50	0-150-600	19.85
TE-619	Y500	0-100	0-150-600	19.85

MODEL A-40 AMPROBE ENERGIZER

This unit performs 3 functions: By connecting between appliance being tested and power source, the "Energizer" "splits" two conductor cables, permits clamping of jaws around one conductor. Current can be measured either directly or with a 10X increased sensitivity for precise readings on small appliances and motors. It has receptacles for connecting to voltmeter leads, thus measuring voltage under full load conditions. Shpg. wt., ½ lb.

TE-620 Net 3.75

MODEL A-50 DECATRAN

For use with any amprobe. Extends amperage readings by 10 times. By using the A-50 in conjunction with a model RS1, you can obtain an actual current reading of 1200 full amperes. Fills requirements of all normal and most special purpose applications. Wt., 3 lbs.

TE-622 2.00 Down Net 27.50

TESTMASTER TM-11 KIT

Compact, sturdy kit contains the Amprobe RS-1 meter, Amprobe Deca-Tran range extender for the RS-1, and the A-40 Energizer. All come packed in a beautiful top grain leather tool case.

TE-635WX 5.00 Down Net 71.75

TM-33 consists of all above except RS-1 meter, is replaced by Amprobe RS-3 meter.

TE-636WX 5.00 Down Net 84.50

PRECISION MODEL 202



SIGNAL TRACER

All purpose signal tracer for speedy service of AM, FM, TV, Audio, and other electronic equipment. Enables stage-by-stage check from input to output of

all types of electronic equipment. Tracing can be accomplished aurally with a built-in 5" speaker or visually with the sensitive indicator eye tube. Built in calibrated wattmeter enables readings from 25-300 watts. The built-in speaker and output transformer may be used for substitution testing by means of binding posts on the front panel — Audio channel three stage pre-amplifier provides wide band response and a voltage gain of 400 for use with an external scope or VTVM. Cabinet size 10½" wide, 7½" high 6½" deep. For 110-120 volts 60 cps AC. Shpg. wt., 11 lbs.

TE-660 2.00 Down Net 36.75

MODEL B RF DEMODULATOR PROBE

Shpg. wt., 1 lb. Net 7.35

Last Minute SPECIAL!

NEW! 9-TRANSISTOR "Polaris" TRI-BAND Radio Direction Finder

- COVERS BEACON, BROADCAST, AND MARINE BANDS
- INDISPENSABLE NAVIGATION AID
- RUGGED, ACCURATE AND DEPENDABLE
- 9 TRANSISTORS PLUS 1 DIODE PLUS 1 THERMISTOR

The new Model HE-12 "Polaris" is Lafayette's answer to the need for a rugged, accurate radio direction finder at a reasonable price. The "Polaris" eliminates all guesswork from open-water navigation: merely "fix" on any two stations whose locations are known, plot the fixes on your map, and your position is known, quickly and accurately! The 9-transistor superheterodyne circuit runs on four standard flashlight batteries — no external power required! Frequencies are clearly marked on a large 4" — to — 1 vernier dial.

The "Polaris" covers THREE bands: the low frequency beacon band (200-400 kc); standard broadcast (535-1600kc) and in addition, the 1600-4900 kc marine radiotelephone (and 80 meter amateur) band. Direction finding is accomplished by means of the top-mounted directional antenna, the adjustable compass rose, and the panel meter. A retractable 24" whip is utilized on the marine radiotelephone band. Separate volume and sensitivity controls are provided as well as a button-controlled pilot light, an internal 4" PM speaker and an earphone jack. Audio output is in excess of 350 milliwatts; selectivity is 15-18db at 10kc. Dimensions: 7Hx11Wx 4 1/2"D. Shpg. wt., 10 lbs.

HE-12 WX 5.00 Down Net 79.50



79⁵⁰

5.00 DOWN

AVAILABLE NOVEMBER 30, 1966

STEREO AUDIO ANALYST SINGLE NEEDLE DUAL CHANNEL VU BALANCE METER

- ONE OF THE MOST VERSATILE INSTRUMENTS EVER OFFERED THE HI-FI ENTHUSIAST
- UNIQUE TWO COIL GALVANOMETER TYPE PRECISION METER MOVEMENT
- SEVEN RANGES OF METER SENSITIVITY
- EFFORTLESS BALANCING OF STEREO SYSTEMS
- PROVISION FOR USE AS VU METER AND TAPE RECORDER LEVEL INDICATOR
- MAXIMUM METER SENSITIVITY 120 μ A

The TM-66 provides the solution to all stereo balancing problems. This unique precision meter movement utilizes 2 separate coils set in a single magnetic field. Each stereo channel feeds a separate coil through a full wave bridge rectifier. When both signals are equal and balanced the resultant deflection on the scale will measure 0. Since the two separate coils interact within a single magnetic field, the single needle movement acts upon channel A and channel B simultaneously, automatically maintaining the unit in constant calibration. Individual channels may be measured by means of the two slide switches. The single seven step range control serves both channels and facilitates use of the meter with all amplifier power levels. May be used as VU meters when terminated across the 600-ohm load. The scales are calibrated in "Volume Units." Sensitivity is 1.2 volts, for 0 vu or 100 percent indication. The metal case is finished in a rich satin gold. Overall size is 4 3/4" x 5 1/2" H x 4 3/4" W. Shpg. wt., 3 1/2 lbs. TM-66 Audio Analyst Net 11.95



11.95

TM-66

STEREO VU BALANCE METER



7.95

- BALANCES STEREO SYSTEMS
- TWO METERS IN ONE
- ACCURATE TAPE RECORDER LEVEL INDICATOR

Ends the problem of balancing your stereo system. Two precisely damped loudness meters mounted at opposite ends of the meter assembly provide a continuous comparison of speaker levels. The scales are calibrated in "Volume Units" 3rd percent. 1.2 volts input sensitivity for 0 vu or 100 percent indication. You can balance the entire system in one step. The special calibrating switch and 20 db attenuation controls permit exact matching of channels. It is the ideal recording level indicator for inexpensive stereo tape recorders, replacing the troublesome "magic eyes" or neon bulbs, and giving more accurate, more reliable readings. Safeguarded against burning out by two internal OC blocking capacitors. Greater than 8,000 ohm impedance permits connecting to output circuits without loading. The entire unit is housed in an attractive plastic case 3" x 1 1/2" x 5 7/8". Shpg. wt., 2 1/2 lbs.

TM-40 STEREO BALANCE METER Net 7.95

AUDIO OUTPUT VU LEVEL METER



NEW! **5.95**

A level meter for monaural systems, this unit is calibrated in Volume Units and percentages in accordance with standard VU meter practice. Precise damping enables quick and accurate indication of the average level of all non-sinusoidal audio signals. It has a maximum sensitivity of 1.2 volts for 0 VU indication, with a built-in 20 db attenuation control. This meter has countless uses, its 8,300 ohm impedance being high enough not to load most circuits. It can be used for accurate level control of home hi-fi systems, especially where the amplifier feeds a remote loudspeaker. It is ideal as a consistently accurate recording level indicator to replace the clumsy "magic-eyes" and neon bulbs of tape recorders, it indicates proper level in PA, paging and commercial music distribution systems. Housed in a compact plastic case 4" x 2 3/4" x 1 3/4". Shpg. wt., 2 lbs.

TM-20 AUDIO OUTPUT LEVEL METER Net 5.95

NEW! POCKET AC-DC VOM



5.95

- EXTREMELY COMPACT, MEASURES ONLY 3 1/2" x 2 1/4" x 1"
- WEIGHS 5 OZS.
- 1,000 OHMS PER VOLT SENSITIVITY
- COMPLETELY WIRED (NOT A KIT)
- 1% PRECISION RESISTORS
- READS 0-1000 VOLTS AC-DC 0-100K Ω , 0-150 MA

Lafayette's new, pocket multimeter features small physical size, and a wide selection of useful ranges. It can be used for trouble-shooting any type of electronic circuits or electrical appliances such as irons, lamps, radios, television, hi-fi equipment, etc. It is also useful for testing complex electrical circuits. Extreme portability allows unlimited usage either at home or in the field.

1000 ohms per volt sensitivity, and 1% precision resistor components assure accurate, precise readings. Operation is extremely easy, simply plug the leads into the desired scale, and you are ready to go, no switching or fidgeting required. Ranges Volts; 0-15-150-1000 AC and DC. Ohms; 0-100K MA; 0-150. The VOM comes completely wired and tested, and is enclosed in durable plastic case. All accessories including battery are rubber insulated, color coded, flexible test leads are supplied.

TE-13 AC POCKET VOM Shpg. wt., 1 lb. Net 5.95

LAFAYETTE'S EASY PAYMENT PLAN—AS LOW AS \$2.00 DOWN AND UP TO 18 MONTHS TO PAY

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PACO

TEST EQUIPMENT KITS



T-61



M-40



Z-80



S-55



V-70



T-60



G-30



C-25

C-20

NEW MODEL T-61 TUBE TESTER KIT

Reduces testing time to an absolute minimum. 24 clearly identified tube sockets plus three simple selectors provide overall quality tests on virtually every modern tube. Tests also for shorted elements, inter-element leakage, and filament continuity using sensitive neon indicators. Features: Pin straighteners for 7 & 9 pin miniature tubes; Handy data chart that can be kept up to date; an attractive portable carrying case complete with detachable cover; and a separate picture tube socket to accommodate the AT-1 Picture Tube Test Cable (optional accessory). For 117 volts 50/60 cps. A.C. Size 10 1/2" x 15 1/4" x 4 3/4". Shpg. wt., 13 lbs.

- TE-483 2.00 Down Net 49.95
- Model T-61W as above but factory wired.
- TE-484 5.00 Down Net 69.95

NEW MODEL C-25 IN CIRCUIT CAPACITOR TESTER

A new time saving trouble-shooting instrument for the service bench. Quickly detects open or shorted by-pass, coupling, and blocking capacitors without removing them from the circuit. The PACO Capacity Dial makes possible a direct in-circuit test of electrolytic capacitors by reading the capacitance right from the instrument dial. Tests electrolytics from 2 to 400 mfd in two ranges. Rugged ripple-finish steel cabinet with attractive two-color panel. Dimensions 7 1/2" x 5 3/4" x 4 1/4". Shpg. wt., 6 lbs.

- TE-453 Kit Net 19.95
- Model C-25W, as above, but factory wired.
- TE-454 2.00 Down Net 29.95

MODEL V-70 VACUUM TUBE VOLTMETER KIT

7 DC and RMS AC voltage ranges to 1500 volts. 7 peak to-peak voltage ranges to 4000 Volts. 7 ohmmeter ranges to 1000 megohms. Special PACE 5" acrylic cased meter. Attractive, easy-reading two color panel. Rugged ripple-finished steel cabinet, size 7 1/2" x 5 3/4" x 4 1/4". Complete with all parts and instructions. Shpg. wt., 6 lbs.

- TE-455 2.00 Down Net 31.95
- Model V-70W, as above, but factory wired.
- TE-456 Shpg. wt., 8 lbs. 2.00 Down Net 49.95
- TE-457. AV-1 HF Crystal Probe for above 1 lb Net 5.95
- AV-2 High Voltage Safety Probe. Permits reading up to 60,000 V. Shpg. wt., 1 lb.
- TE-458 Net 5.95

MODEL Z-80 RF.AF SIGNAL TRACER

Here is a most unusual and versatile signal tracer kit of exceptional value. Designed for use with AM, FM, TV and audio circuitry, its extra-high gain enables direct tracing of the actual signal at the receiver antenna input terminals. Has both visual and aural indicators plus output terminals for use with VTVM or scope. Other features include: noise test circuit; wattmeter circuit; test amplifier; substitute speaker and output transformer; fine and coarse attenuators; also 2-way AF-RF shielded probe with built-in selector switch. Complete with detailed instruction manual for easy assembly. In attractive steel cabinet. Size: 11 1/2" x 7" x 5". For 117v, 50/60 cps.

- TE-473 Shpg. wt., 10 lbs. 2.00 Down Net 29.95
- Model Z-80W. As above, but factory wired.
- TE-474 Shpg. wt., 12 lbs. 2.00 Down Net 44.95

MODEL C-20 RESISTANCE-CAPACITY-RATIO BRIDGE KIT

Capacity Ranges from 10 mfd to 2000 mfd. Resistance Ranges from .5 ohms to 200 megohms. Radio test ranges from .05 to 20. Tests leakage of mica, paper, and electrolytic capacitors. In attractive, ripple finished steel cabinet and easy-reading 2 color panel. Dimensions: 7" x 11 1/2" x 5". Complete with all parts and step-by-step instructions. Shpg. wt., 9 lbs.

- TE-459 2.00 Down Net 21.95
- Model C-20W. As above, but factory wired.
- TE-460 2.00 Down Net 32.95

MODEL M-40 V. O. M. KIT

Highly sensitive V.O.M. for the radio-TV service shop, classroom, or in communication and electronic maintenance. Accurate, reliable, long-lived performance is assured by careful selection of components and expert engineering. 1% Deposited-film and wire-wound resistors used throughout. The unit offers high sensitivity of 20k ohms/v DC, 10k ohms/v AC. Features 4 3/4" 50 μ -amp meter with $\pm 2\%$ accuracy. Ranges: DC volts, 0-1.5-6-30-150-600-1500-6000; AC volts, 0-3-12-60-300-1200-3000-12000; DC Current, 60 μ amp, 0-1.5-15-150 ma, 0-1.5-15 amps; Ohms, 0-2000-200K-20 meg. In molded phenolic case. Complete with detailed instruction manual Size, 5 1/4" x 6 7/8" x 2 3/4". Shpg. wt., 4 lbs.

- TE-480 2.00 Down Net 31.95
- Model M-40W. As above, but factory wired.
- TE-481 2.00 Down Net 37.95

AM-1 HV Probe. For M-40 Permits reading to 30,000 V. Shpg. wt., 1 lb. Net 5.95

MODEL G-30 RF SIGNAL GENERATOR

A deluxe unit in every respect but price. Conservative engineering and the use of high quality components throughout assure stable and accurate performance. Ideal for all TV, FM, AM, audio testing and servicing work. Frequency range: 160 kc to 240 mc in 8 bands; to 120 mc on fundamentals. Outputs—Over 100,000 μ v RF; Up to 15v, 400 cps audio; Modulated RF. Front panel control for variable modulation. 2-step attenuator. Supplied with complete instruction manual for easy assembly. In attractive steel cabinet. Size 7x11 1/2"x5". For 117v, 50/60 cps. Shpg. wt., 9 lbs.

- TE-470 2.00 Down Net 29.95
- Model G-30W. As above, but factory wired.
- TE-471 2.00 Down Net 42.95
- Model G-30-PC. Same as above, but with the entire "front end" tuned circuit pre-calibrated and pre-wired.
- TE-472 2.00 Down Net 37.95

MODEL S-50 5" OSCILLOSCOPE KIT

Push-Pull vertical and horizontal amplifiers. High-sensitivity, 1 MC vertical amplifier, ultra-modern printed-circuit amplifier design. Built-in 1 volt peak-to-peak self-calibrator. Efficient, two-color, easy-reading panel. Rugged, louvred steel cabinet, 13 1/4" x 8 3/4" x 17 1/4". Complete with CRT, all parts and instructions. Shpg. wt., 24 lbs.

- TE-475WX 2.00 Down Net 49.95
- Model S-50W. As above, but factory wired.
- TE-476WX 5.00 Down Net 85.95
- AS-1 Scope Probe Set. Include (1) 10/1 LO-Cap, (2) crystal demodulator, (3) shielded direct probes. Shpg. wt., 2 lbs.
- TE-477 Net 15.95



SPRAGUE TELOHMIKE TO-5 CAPACITOR ANALYZER

A moderately priced instrument for complete analysis of all types of capacitors at a guaranteed accuracy of $\pm 3\%$ for values to 200 mfd. and $\pm 5\%$ from 200 mfd up. Capacitance bridge measures capacity in five ranges from 1 mfd to 2000 mfd, with pushbutton range selection. Large meter directly indicates insulation resistance up to 20,000 megohms for paper, ceramic and mica capacitors. Wien bridge measures power factor of electrolytic capacitors from 0 to 55% in three ranges. Leakage current of electrolytic capacitors measured directly on meter, with continuously variable test voltage up to 600 volts. Pushbuttons are color coded. Upon release of all buttons, capacitor is automatically discharged. In addition, this unit measures turns ratio of transformers. Two tone finish, 8 7/8" x 14 5/8" x 6 1/2". Shpg. wt., 18 lbs. with manual and test leads for 115 V AC, 50-60 cycles.

- TE-490WX 5.00 Down Net 83.90
- TO-5X, for 115-230VAC/25-60 cycles.
- TE-491WX Shpg. wt., 18 lbs. 5.00 Down Net 89.90
- TO-5RM, same as TO-5, for rack mounts.
- TE-492WX Shpg. wt., 18 lbs. 5.00 Down Net 93.90

MODEL T-60 TUBE TESTER KIT

Tests all AM-FM-TV Tubes including new series string type. Free-point lever element selector system. Extra-large 4 1/2" acrylic cased meter by PACE. Illuminated, high speed, brass-gearing, 3 column roll chart. In rugged attractively finished cabinet. Two color panel with contrasting knobs. Size 10 1/2" x 15 1/4" x 4 3/4". Complete with all parts, and step-by-step instructions. Shpg. wt., 11 lbs.

- TE-465 2.00 Down Net 39.95
- Model T-60W. As above, but factory wired.
- TE-466 5.00 Down Net 57.95

ACCESSORIES FOR MODEL T-60
 TE-467. AT-1 Pix Tube Adapter Cable 2 lbs. Net 4.95
 TE-468. AT-2 110° Pix Tube Adapter 2 lbs. Net 4.95
 TE-469. AT-3 Portable Case Cover Kit 3 lbs. Net 4.95

MODEL S-55 WIDE BAND OSCILLOSCOPE KIT

A deluxe, laboratory-type instrument. Ideal scope for color TV. Covers the entire range between DC and 5 megacycles with outstanding sensitivity and stability. The printed circuit sub-assemblies make this instrument an easy job to build and use. Vertical channel: Sensitivity 70 mv/in for DC and 25 mv RMS/in for AC. Frequency response within 3 db to 4.5 Mc for AC. Input Impedance is 1.5 megohms shunted by 23 mfd. Rise time better than .08 msec. With 4 step vert.-input attenuator and polarity reversal switch. Horizontal Channel: Sensitivity 0.6 V RMS/in. Frequency response within 3 db to 400 Kc. Input impedance 5 megohms shunted by 23 mfd. Cathode-follower horizontal input circuit. Other features include linear time base, automatic positive and negative sync, built in peak to peak voltage calibrator. In louvred steel cabinet with two-color easy reading panel. For 117 v, 50/60 cps. Size: 13 3/4" x 8 3/4" x 17 1/4". Shpg. wt., 30 lbs.

- TE-478WX 5.00 Down Net 89.95
- Model S-55W. As above, but factory wired.
- TE-479WX 5.00 Down Net 144.95
- AS-1 Scope Probe Set. Include 10/1 LO-Cap, Crystal demodulator, Shielded direct probes. Shpg. wt., 2 lbs.
- TE-477 Net 15.95

OTHER PACO TEST EQUIPMENT

Lafayette stocks complete Paco Test Equipment Line. Use easy Lafayette economy payment plan.

Stock Number	Paco No.	Description	Shpg. wt.	Net
TE-481	T-65	Transistor tester kit	8	39.95
TE-462	T-65W	Transistor tester wired	8	59.95
TE-463	B-10	Battery eliminator kit	21	41.95
TE-464	B-10W	Battery eliminator wired	21	49.95
TE-451	SC-1	Cond. subst. box kit	2	8.95
TE-452	SC-1W	Cond. subst. box wired	2	11.95
TE-449	RD-5	Decade resistor/Div. kit	3	23.95
TE-450	RD-5W	Decade resistor/Div. wired	3	29.95
TE-487	CD-3	Decade condenser kit	3	19.95
TE-488	CD-3W	Decade condenser wired	3	24.95
TE-485	SR-2	Resistance sub. box kit	2	8.95
TE-486	SR-2W	Resistance sub. box wired	2	11.95

KINGSTON PROBEMASTER

A unique test instrument combining the features of a highly versatile probe with a neon checker. Its built-in capacitive network permits bypassing stages, checking open capacitors, isolating defective stages without external signal generator, and elimination of time consuming capacitor substitution. Shpg. wt., 1 lb.

- TE-497 Net 4.95

BOSCO "MOSQUITO" SIGNAL INJECTOR

Amazing AF and RF transistorized signal injector has the size of an ordinary fountain pen. Ideal for field, bench and laboratory troubleshooting. Excellent for servicing radios, TV, hearing aids, amplifiers, telephones, earphones, tape recorders, cartridges, speakers, etc. Perfect for continuity checks of resistors, capacitors, etc. Provides a 2000 cps test tone and generates radio frequencies on harmonics. Has one, penlight battery with average life of about 1 year. Just 6" long. Shpg. wt., 3 oz.

- TE-498 Net 9.95

PRECISION ELECTRONIC TEST EQUIPMENT



Model E-200C



Model 640



Model ES-525



Model 120M



Model SS-10



Model 110

NEW! MODEL ES-525 OSCILLOSCOPE

An extremely reliable general purpose scope for industrial testing, lab applications, radio, TV and hi-fi servicing. Push-Pull Vertical Amplifier—response: 3db from 10 cps to 500 kc. 6db to 700 kc. 20mV per inch sensitivity. Input: 3.3 megohms and 40 uufd. 3 Position Vertical Step Attenuator—frequency compensated: x100, x10, x1. Push-Pull Horizontal Amplifier—response: 3db from 10 cps to 150 kc (at full gain). Input 2.2 megohms and 30 uufd. Internal Linear Sweep: 10 cps to 100 kc with retract blanking. Sync.: negative, positive, external, and line. Built-in 60 cps sine sweep phasing control. "Z" axis modulation input terminal. Direct reading built-in peak-to-peak voltage calibrator. 8 1/4 x 14 1/2 x 18 1/2". Shpg. wt. 29 lbs.

TE-654 5.00 down Net 179.95

MODEL 120 MULTI-RANGE TESTER

Lab type, compact VOM provides a large 5 1/4" meter of 50µa sensitivity and ±2% accuracy. Ranges: AC/DC output volts 0-1.2-3-12-60-300-600-1200-6000; sensitivity —20k ohm/v on DC, 5 k ohm/v on AC; DC current, 0-60-300 µa, 0-1.2-12-120-600 ma, 0-12 amps; ohms, 0-200-2K-200K ohms, 0-2-20 megs; DB, —20 to —77 in 8 ranges. 1% multipliers. In custom-molded phenolic case. Complete with batteries, test leads and manual. Size, 5 3/8 x 7 3/4". Shpg. wt., 5 lbs.

TE-525 2.00 Down Net 44.95

MODEL E200-C DELUXE SIGNAL MARKER GENERATOR

A deluxe professional instrument for reliable TV, FM, AM alignment use. Covers frequency range of 88 kc to 240 mc in 9 bands. 6 1/2" direct-reading tuning dial with 0-100 vernier drive assures accurate and easy operation. Accuracy 1% on all bands and exceptional frequency stability. 0-100% variable internal modulation. Outputs: unmodulated RF; 400-cycle modulated RF; and 400-cycle sine wave. With built-in AVC-AGC substitution voltage (variable 0-50V DC). In deluxe steel cabinet supplied with coax output cable and illustrated manual —"Servicing by Signal Substitution," 11 1/2 x 13 6 3/4". For 110-120 v 50-60 cps. Shpg. wt., 17 lbs.

TE-520WX 5.00 Down Net 99.95

MODEL 120M VOM

Designed where utmost accuracy is required. Uses 1/2% multipliers. 1% mirror-scale meter. Has polarity reversal switch. All other physical and electrical specs are same as Model 120.

TE-526 5.00 Down Net 55.95

Accessories for 120 and 120M

LC-3 Leather case, ever ready type. Shpg. wt., 3 lbs. Net 10.50

TE-527

ST-1 Snap-on Strand for 45° table mount. Shpg. wt., 1 lb. Net 1.00

TE-528

TV-28 HV safety probe up to 30 KVDC. Shpg. wt., 2 lbs. Net 15.95

MODEL SS-10 FILAMENT TESTER

Fast filament continuity checks on receiver tubes, TV picture tubes. Can be used for other continuity tests. In handsome case. Complete with batteries. Size 1 x 3 1/4 x 5 3/8". Shpg. wt., 3 lbs.

TE-535 Net 7.95

OTHER PRECISION TEST EQUIPMENT

Lafayette stocks the full Precision test equipment line, Let Lafayette's Economy Payment Plan help you make this fine equipment your own.

Stock No.	Model	Description	Shpg. Wt.	Net
TE-521WX	10-60	Tube & Transistor Checker	26	215.00
TE-523	PTA	Pic. Tube Adapter For 1060 1		9.95
TE-530	110	Compact V-O-M	3	35.95
TE-531	LC4	Leather Case For 110	2	6.95
TE-533WX	640	Cathode Cond. Tube Tester	17	84.95
TE-534WX	660	Tube & Transistor Checker	17	124.95
TE-536WX	E400	Deluxe Sweep Generator	24	175.00
TE-537WX	E420	Deluxe Dot and Bar Gen.	19	159.95
TE-538WX	ES550B	Deluxe 5" Scope	47	249.95
TE-539	SP-5	Probe Set	3	29.95
TE-540	88	VIVM	8	84.95
TE-541	LC1	Leather Case for 88	3	10.50
TE-544	68	VIVM	7	64.95
TE-545	RF12	High Freq. Probe	1	13.50
TE-548WX	1203	Decade Resistor, 3 Dial	5	74.95
TE-549WX	1204	Decade Resistor, 4 Dial	6	89.95
TE-550WX	1205	Decade Resistor, 5 Dial	7 1/2	109.95
TE-551WX	1303	Decade Capacitor, 3 Dial	6	89.95

TEST EQUIPMENT-WIRED



NEW! TC109 MIGHTY MITE TUBE TESTER

Compact tester completely hand wired with no printed circuits. Checks over 1300 tubes, grid emission & leakage as high as 100 megohms, cathode current at operating levels, shorts between all tube elements. New up-to-date tube charts automatically supplied. Handy mirror in cover of rugged, all steel carrying case. Size 9 1/8 x 2 1/2". Shpg. wt. 42 lbs.

TE-567 Net 58.31

MODEL TRC4 TRANSISTOR CHECKER

New, versatile transistor checker designed against obsolescence, and with the serviceman in mind. Tests transistors for opens, shorts, leakage and current gain. Includes current gain test on power transistors, forward to reverse current ratio in all crystal diodes, forward to reverse current in selenium rectifiers. Replaceable test charts attached on rear. With test leads for fast hookup. 4 1/2 x 5 x 2 1/4". Shpg. wt., 2 1/2 lbs.

TE-561 Net 19.55

HG-104 TRANSISTORIZED HARMONIC GENERATOR

The fastest method ever devised for locating trouble in transistor radios. Automatically generates audio, IF, and RF signals simultaneously. Immediately spots defective stage. Equally effective in troubleshooting tube radios, hi-fi, TV and other audio circuits. Size: 4 1/2 x 3 3/4 x 2". Shpg. wt., 2 lbs.

TE-557 Net 9.75

PS-103 TRANSI-PAC TRANSISTOR POWER SUPPLY

A low cost DC power supply for all portable transistor radios. 0-24 volts adjustable with a 1 1/2 volt tap for Philco and Sylvania radios. Reads voltage applied and current drain. Sizes: 5 1/8 x 4 1/2 x 2 1/4". Shpg. wt., 2 lbs.

TE-556 Net 19.55

MODER H36 R-C SUBSTITUTOR

Now at your fingertips. 36 most often needed components with this handy substitution unit. Contains: 12-1 watt 10% resistors, 10 to 5600 ohms; 12-1/2 watt 10% resistors, 10K to 5.6 megohms; 10-600 volt capacitors, 100 mfd to 5 mfd; 1-10 mfd 450 v electrolytic; 1-40 mfd 450v electrolytic. Three-pole, 12-position switch selects each component individually. Size, 2 1/4 x 3 3/4".

TE-558. Shor. wt., 2 lbs. Net 12.49

MODEL HT 100 HOME TESTER

Checks radio and TV tubes (including Picture Tube). Trouble shoots any appliance, coffee pots, irons, toaster, line cords, fuses etc. Operation is simple and direct; Handy test leads are provided for Continuity and Voltage tests. 3 1/4 x 4 1 1/4".

TE-566 Shpg. wt., 1 lb. Net 2.89

ES-102 ELECTRO-SUB

Checks all electrolytic capacitors in seconds, merely select the electrolytic and substitute it. 10 big electrolytics from 4 to 350 mfd to substitute safely in any circuit from 2 to 450 volts. Automatic capacitor discharge within seconds, unique surge protector circuit prevents accidental heating of capacitor being "bridged," completely safe. Size: 4 1/4 x 2 1/4 x 4 3/4". Shpg. wt., 3 lbs.

TE-555 Net 15.63

MODEL RS 106 RECTIFIER TROUBLESHOOTER

Instant, direct substitution for suspected faulty silicon & selenium rectifiers, single and dual diodes used in radio, TV & electronic devices. In-circuit positive check. Protected by 1/2 amp. slow blow fuse. No guesswork, no soldering mess. 4 3/4 x 2 1/4 x 4 3/4". Shpg. wt., 8 lbs.

TE-564 Net 12.49

SS-105 SWEEP CIRCUIT TESTER

Provides a universal horizontal oscillator for direct substitution with variable output from 0-200 volts, peak-to-peak. Checks the condition of horizontal output tube and associated components with horizontal output cathode current. Provides a universal deflection yoke to determine yoke failure accurately. Will indicate condition of flyback transformer. Also a direct-reading voltmeter, 0-1000V, and a universal vertical oscillator. Size 7 x 6 x 3 1/2". Shpg. wt., 6 lbs.

TE-559 2.00 Down Net 41.99

MODEL BE3 ALIGN-O-PAK BIAS SUPPLY

This compact bias supply is designed for TV alignment and AGC trouble shooting. Completely isolated power supply provides ±0 to 18 volts DC, with less than 1% AC ripple. Complete with tests leads in handsome case. For 110-120 v., 60 cps. Size, 2 1/2 x 4 x 4".

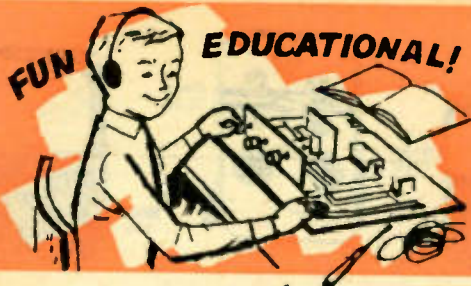
TE-562 Shpg. wt., 2 lbs. Net 7.69

ULC-2 leather case for BE3 and H36. Shpg. wt., 6 oz.

MOEEL FS3 "FUSE-SAFE" CIRCUIT TESTER

Instantly tells you whether or not it is safe to replace fuse resistors, fuses, or circuit breakers. Separate red and green scale for each commercially available fuse resistor used in radio and TV. Eliminates guesswork and wasted time. Also handy for wattage checks up to 1100 watts. 3 1/4 x 4 x 1 1/4". Shpg. wt., 6 lbs.

TE-653 Net 8.77



FUN EDUCATIONAL!

BUILD YOUR OWN LAFAYETTE QUALITY KITS

EXCITING "EXPLOR-AIR" RECEIVER KIT 4 BAND



19.95

- 4 Bands for total coverage:
- 550-1600 Kc broadcast band
- 1.7-5.0 Mc., 5.0-14 Mc., 14-30 Mc. shortwave bands

- Complete bandswitching from front panel
- Built-in Big 4" PM Loudspeaker

The most sensational shortwave economy receiver kit ever offered. A complete shortwave and standard broadcast set which covers the entire region from 550 kilocycles to 30 megacycles. Four whole bands of fascinating programming unavailable elsewhere. Perfect for students of languages, radio amateurs and casual listeners.

Only a regenerative circuit can offer such amazing performance and yet be so simple to build. Building this fine kit is an absolute pleasure — it's so well designed you can't go wrong. Kit includes all the parts you need, and the detailed step-by-step instruction book with its giant pictorial drawings shows you just how to put them together.

One front panel knob does all the bandswitching at the flick of the wrist, immediately taking you from band to band. All coils are prewound for greater accuracy. This kit is so easy to build a child who can read could do it (and many already have!) The chassis is completely isolated from the circuit, so there is no shock hazard.

This precision radio kit is just full of extra features. Complete 4 band coverage of broadcast stations, international broadcast bands, amateur, maritime, fire and police services, yes, even satellite signals! Big 4" speaker and sensitive circuit with 50C5 output stage and 12AX7 regenerative detector and amplifier stages give you all the volume you want. Phone jack for privacy automatically disconnects speaker. All controls are on the front panel: On-Off Volume, Main Tuning, Band Spread, Bandswitch, Antenna Tuning, and Regeneration. 110 Volt 50-60 cycle AC-DC power supply lets you use this fine set anywhere. Size: 10" x 7" x 5". Everything needed for unexcelled reception is combined in a compact, economical package.

KT-135 EXPLOR-AIR RECEIVER KIT (Less Cabinet) wt., 5 lbs. 19.95
ML-150 Leatherette covered Wooden Cabinet for above, 1 lb. Net 2.75

New! ELECTRONIC EDUCATIONAL KIT

AN INFORMATIVE, FUN-FILLED "GUIDED-TOUR" INTRODUCTION TO THE WORLD OF ELECTRONICS.



- 12 Complete Experiments result in a finished AC and DC test instrument
- Teaches, as you build, the important principles of AC and DC fundamentals.
- Enables repair of household appliances
- Complete Step-by-Step instruction manual
- Helps you to learn about the important and fun-filled field of electronics!

19.50

AVAILABLE NOVEMBER 30, 1960

This new Electronic Educational Kit enables youngsters and adults to discover the fascinating field of electronics in a simple, easy-to-follow manner. Not a toy — this kit is a complete beginners electronics laboratory course including a highly useful AC/DC Multitester meter to build and learn from. In the process of constructing this test meter, the fundamental principles of electricity and electronics are introduced in a "learn-by-doing" method. The focus of attention is on the basic sensitive meter for measuring the flow of electrical current. From this simple measurement, the meter is built up to indicate voltage and resistance. The detailed instruction manual is written in simple, easy-to-read, step-by-step manner, covering both AC and DC circuits that

may be constructed and tested. This "guided tour" of electrical fundamentals continues to cover Ohms Law, series and parallel connections, making electromagnets, producing electricity by induction, Reactance in AC circuits, and testing of home appliances. Having completed the 12 experiments and construction of the AC/DC multi-tester, the student has a useful instrument that has many applications in the home, workshop, and business. The kit and course comes complete with everything needed for an enlightening introduction to the world of Electronics. Shpg. wt., 5 lbs.

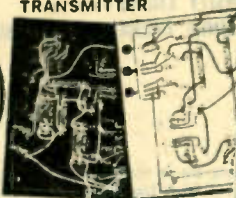
KT-180 Net 19.50

LAFAYETTE *Easy-to-Build* EDUCATIONAL KITS

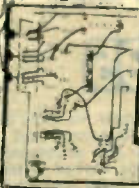
New! 20-IN-1 TRANSISTOR Experimenters Kit



WIRELESS TRANSMITTER



BURGLAR ALARM



VOICE ACTUATED RELAY



RAIN ALARM



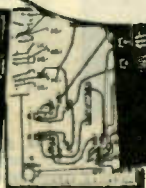
TRANSISTOR TESTER



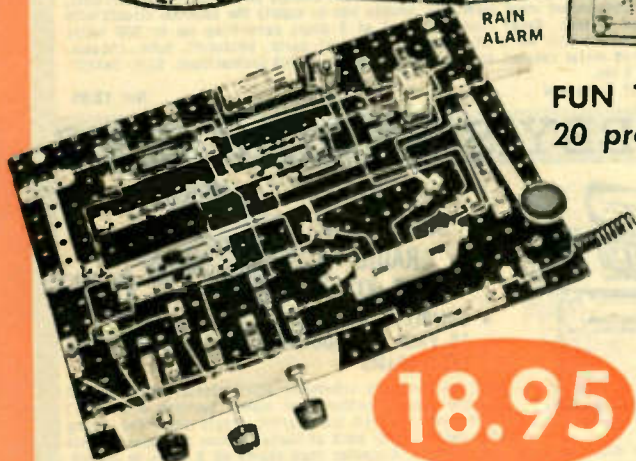
REGENERATIVE RECEIVER



PHOTOELECTRIC RELAY



TIMER

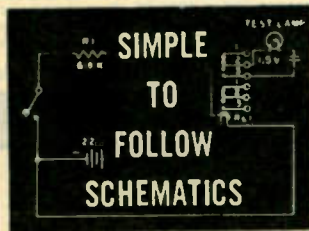


18.95

FUN TO BUILD — EDUCATIONAL — and ALL
20 projects result in a useful working instrument!

PROJECTS YOU BUILD

- | | |
|----------------------------|------------------------------|
| 1. TRANSISTOR TESTER | 10. CODE PRACTICE OSCILLATOR |
| 2. VOICE ACTUATED ALARM | 11. METRONOME |
| 3. PHOTO TIMER | 12. TWO TRANSISTOR RECEIVER |
| 4. AUDIO AMPLIFIER | 13. ELECTRONIC GAME |
| 5. CRYSTAL SET | 14. HOME BROADCASTER |
| 6. SOLAR RADIO | 15. PHOTO ELECTRIC RELAY |
| 7. RAIN ALARM | 16. BURGLAR ALARM |
| 8. TIMER | 17. WIRELESS TRANSMITTER |
| 9. ONE TRANSISTOR RECEIVER | 18. REGENERATIVE RECEIVER |
| | 19. CITIZENS BAND MONITOR |
| | 20. AUDIO OSCILLATOR |



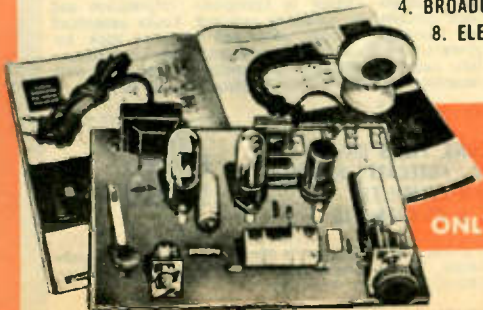
This new Educational Kit opens the field of transistor-electronics, with all its fascinating circuits and gadgets, in a simple, easy-to-follow manner. Excellent for beginners as well as advanced experimenters, this kit enables you to build and learn about 20 interesting and useful transistor circuits. By utilizing "Breadboard" construction, each project can be simply wired and traced. After building the basic circuit, any of the 20 projects can be built by simply inserting a few preassembled component blocks and interconnecting leads between them. A soldering iron is only required for the basic wiring and not for subsequent projects. All wiring is covered in a step-by-step manner by the instruction manual. Each of the 20 projects is clearly presented with step-by-step instructions, large easy-to-read pictorial wiring diagrams, schematic diagrams, and an explanation of the circuit behavior. There are no AC voltages to produce

shock hazard. Amaze your friends with a Voice-Actuated Alarm, Rain Alarm, Home Broadcaster, and other projects. Build useful projects for the home — Metronome, Burglar Alarm, and Timer. Learning Morse Code with the Code Practice Oscillator and receiving Short-Wave Citizens Band Stations are only a few more of the many interesting and useful things you will build while exploring this new world of transistor-electronics. The kit is complete with perforated mounting board, 2-transistors, 1-diode, earphone, light sensitive plate, and all other parts required for construction. The detailed 28 page instruction manual contains a wealth of information about each project. Less batteries and tools. Shpg. wt., 6 lbs.
 KT-173 Complete Net 18.95
 BA-155 Z Cell Battery for Kit projects Net .13
 BA-270 22½ Volt Battery for Kit projects Net 1.61

1 10 in ONE LAFAYETTE 10-in-1 LAB KIT • EDUCATIONAL • PRACTICAL



- With this Kit YOU can build
- | | | |
|----------------------------|-------------------------------|----------------------|
| 1. RADIO RECEIVER | 2. PHONO-MICROPHONE AMPLIFIER | 3. PHONO OSCILLATOR |
| 4. BROADCAST STATION | 5. CODE PRACTICE OSCILLATOR | 6. SIGNAL TRACER |
| 7. CAPACITY OPERATED RELAY | 8. ELECTRONIC TIMER | 9. ELECTRONIC SWITCH |
| 10. PHOTOCCELL RELAY | | |



13.95
ONLY

Here is a new laboratory tested experimenters kit designed to provide maximum instruction and entertainment and which is ideal for both the beginner and advanced experimenter. Features practical and interesting circuits which enable you to do many novel and interesting things while learning how these circuits function. You can broadcast your voice or play a phonograph through your radio from anywhere in the house, send code through a headphone or radio, or use light or body capacitance to activate electrical circuits. Safe, low voltage is utilized. Kit is complete with perforated mounting board, 3 vacuum tubes, microphone and all parts necessary for construction. A detailed 12 page instruction manual contains simple-to-follow pictorial and schematic diagrams for each project. Less headphone, photoelectric cell and socket, wire and solder. Shpg. wt., 5 lbs. KT-36A Net 13.95

- | | | |
|--|------------------|------|
| PHOTOELECTRIC CELL TUBE TYPE 868 | Shpg. wt., 8 oz. | 3.75 |
| CM-70 AMPHENOL 77MIP4 SOCKET FOR ABOVE | Shpg. wt., 1 oz. | .13 |
| ME-33 CANNON AM-15-1 1000 OHM SINGLE HEADPHONE | Shpg. wt., 1 lb. | 1.16 |

DO IT YOURSELF—EASY TO BUILD KITS!

SUPER-SENSITIVE PHOTOCCELL ELECTRONIC RELAY KIT



- WITH CLAIREX CADMIUM SULPHIDE PHOTOCCELL
- ADJUSTABLE SUPER SENSITIVITY—WORKS WITH JUST A FLASHLIGHT AT 250 FEET!
- NEEDS NO SPECIAL HIGH-INTENSITY LIGHTS
- INSTANTANEOUS OR SUSTAINED OPERATION ON THE FLIP OF A SWITCH!

12.95



CAN BE USED AS
BURGLAR ALARM

Lafayette's latest achievement in a super-sensitive photocell relay kit. Ideal for sustained operation required for burglar alarms, door buzzers, for turning on porch and home lights at night to discourage prowlers when away in the evening. Excellent for instantaneous on-off operation required for counters, packaging, door opening, motor activation and countless industrial applications. A flip of the switch converts unit from instantaneous "on-off" to sustained "on" operation. A simple push on the "RESET" switch opens the external circuit and turns off the alarm. The unit operates on 110 volts AC and incorporates the efficient 5823 cold cathode tube, permitting

longer life since there are no filaments to burn out. The controlled circuit is plugged into a convenient 110V AC output socket. A simple change in wiring (in instructions), as well as convenient input terminals, enable you to supply the external circuit with any desired voltage. Relay contacts rated at 3 amps permitting up to 300 watts external load on 110 Volts AC. Complete with all parts, photocell, tube, chassis, silk-screened metal cabinet and easy-to-follow illustrated instructions. Size: 3x4x5". Shpg. wt., 3 lbs.
KT-133A Kit, Complete

Net 12.95

EXPERIMENTERS AND HOBBYIST RADIO KITS



2-IN-1
KIT
6.53

- PERSONAL 1 TUBE RADIO
- WIRELESS HOME BROADCASTER

Requires no soldering. All wires and parts fit into clips. You can build a vacuum tube operated radio with volume control and on-off switch. Covers the broadcast band; or you can build a wireless home broadcaster with which you can broadcast your own voice thru any radio in the house within 50 ft.; or you can connect it to a phonograph and play records through your radio—without any connecting wires. Kit is complete with tube, variable condenser, pre-wound tuning coil, volume control, switch, board, template, instruction and earphone (which doubles as a microphone). Less batteries. Shpg. wt., 3 lbs.

KT-44 Net 6.53

BATTERIES

BA-157 1.5 v. Shpg. wt., 5 oz. Net .13
BA-125 45 v. Shpg. wt., 12 oz. Net 2.08

GERMANIUM
DIODE
RADIO KIT

3.26



Real basic kit using the new germanium diode to build a highly sensitive radio set. Requires no batteries or power supply. Kit includes pre-wound coil, single gang condenser, germanium diode, board, template, head- phone, knob, hardware and instruction book. Less wire. Shpg. wt., 2 lbs.

KT-43 Net 3.26

AC-DC
BROADCAST
RADIO
SET KIT

17.10

- COMPLETE WITH TUBES AND CABINET
- 16 PAGE INSTRUCTION BOOK PLUS 3D COLOR EYE-O-GRAMS

Not just ordinary schematic and pictorial diagrams, but a new simple method that makes building a cinch. 3 differently colored transparent sheets show the wiring for each circuit; each of these fit over a master chassis photograph. A master copy shows all 3 steps in individual colors—and when you're through you'll have a fine superhet set covering 550 to 1600 KC. In modern brown plastic cabinet with built-in antenna. Size 9x5x5". Complete Kit with 5 tubes, cabinet, speaker and all parts. Shpg. wt., 7 lbs.

KT-19 Net 17.10

NEW! "DOUBLE" GENIAC®



Over 800 Parts For Schools
Science Fairs Advanced Experimenters.

19.95

- Computes • Reasons • Plays Games • Composes Music
- Forecasts Weather • Design Your Own Computers

The newest kit in famous Geniac® series! The "Double" Geniac contains over 800 parts. Two of everything in the Standard model. Offers the advanced experimenter a far wider range of activities. Perfect for school demonstration. Multiple setup is ideal for Science Fair projects—submit one or more designs. Build "electric trains" that test intelligence—code and decode—add, subtract, multiply and divide—solve puzzles—play games—fore-

cast weather—reason in syllogisms—information and logic circuits. No soldering required. Easily assembled and operated. 64 page guide and reference book, beginners manual, wiring diagrams and many extra pamphlets outlining projects and methods. Complete with mounting rack and batteries. Shpg. wt., 12 lbs.

KT-176 Net 19.95

Standard
GENIAC

COMPUTES, REASONS, PLAYS GAMES
COMPOSES MUSIC FORECASTS WEATHER
DESIGN YOUR OWN COMPUTERS
OVER 400 PARTS & COMPONENTS

9.95

You build up to 125 exciting "electric brain" machines. Has special circuits for forecasting weather. No soldering required. Comes complete with extra pamphlets including 64-page "Simple Electronic Brains and How To Make Them", "Symbolic Analysis of Relay and Switch-

ing Circuits", "Beginner's Manual, Machine to Compose Music, Wiring Diagrams, etc. Complete with battery. 16x2x11 1/4". Shpg. wt., 6 lbs.

KT-175 Net 9.95



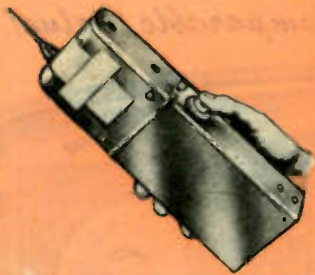
7-IN-1
RADIO
LAB KIT
WITH
HEADPHONE
10.45

- ONE TUBE BROADCAST RECEIVER • CODE BLINKER—LIGHT • CODE PRACTICE KEY • WIRELESS HOME BROADCASTER • SIGNAL TRACER
- SINE WAVE GENERATOR • WIRELESS CODE PRACTICE OSCILLATOR

With this smaller version of the 10-IN-1 kit, you can build any one of the 7 circuits. 16 Page instruction book shows pictorially how to wire quickly and easily and explains the basic operation of these circuits including many fundamentals of radio servicing. Perfect for electronically minded youngsters. Kit is complete with earphone, 6SN7 tube, board, power transformer, selenium rectifier, resistors, condensers and all necessary parts. Less wire. Shpg. wt., 4 lbs.

KT-42 Net 10.45

NEW! LAFAYETTE SUPER-TROL R/C EQUIPMENT



NEW! LAFAYETTE'S SUPER-TROL R/C EQUIPMENT (A) RADIO CONTROL TRANSMITTER • MEETS FCC REGULATIONS

Assembled—tested—guaranteed. Crystal controlled with .01% tolerance crystal as per FCC regulations. Uses powerful 3A5 tube for range of approximately one mile. Will operate any 27.255 MC R/C receiver. Overall dimensions only 8½x2¼x1¾" — A neat little handful! Includes antenna, tube, crystal with FCC approved tolerance, and instructions. FCC license applications enclosed — no examination required. Less batteries. Shpg. wt., 2½ lbs.

F-249 Net 14.95
 Batteries required: Burgess U30 (3 needed) 1.75 ea.
 Burgess #2 (1 needed) .13 ea.

SPECIAL COMBINATION OFFER

Consists of R/C Transmitter (F-249), and R/C Receiver (F-208) F-259—Combination 22.90



RADIO CONTROL RECEIVER

(B) RADIO CONTROL RECEIVER: Completely wired and tested receiver—extremely sensitive and stable. Completely enclosed—ideal in boats—or case may be removed if desired. Ingeniously constructed to withstand vibration and shock. Features external fine tuning—antenna "snap" lead—plug for power and actuator connections. Ideal companion for F-249 Transmitter and F-327 Servo shown elsewhere on this page. Requires one 1.5V battery and one 67.5 Volt battery. Size determined by use. Measures only 3x2¼x1½". Complete with tube and instructions. Less batteries. Shpg. wt., 8 oz.

F-208 Net 8.95
 Batteries required: Burgess UX45 (1 needed) 2.07 ea.
 BA-130 .13 ea.
 Burgess No. 2 (1 needed) BA-157 .13 ea.



NEW!

LAFAYETTE
 27.255 MC
 CITIZENS BAND
 REMOTE CONTROL
 TRANSMITTER KIT
 KT-127

WITH .005% TOLERANCE CRYSTAL TWICE AS GOOD AS FCC REQUIRES! OVER 1 MILE LINE-OF-SIGHT TRANSMISSION! EXCEPTIONAL STABILITY FOR FOOLPROOF CONTROL OF MODEL PLANES, BOATS AND CARS.

You'll marvel at the neatness, simplicity and dependability of Lafayette's RC Citizens Band Transmitter. Crystal-controlled with a .005% tolerance crystal for extra frequency stability; exceeds FCC tolerance requirements. Fits comfortably in the palm of your hand, yet is unaffected by hand capacitance or motion. Has new attractive wide scale meter for visually tuning transmitter. Wide, non-critical tuning for optimum foolproof performance. Tuning for proper output and antenna loading easily accessible. Complete with telescoping antenna, meter, tube, crystal, alignment tool, all parts and easy step-by-step instructions. FCC license application forms enclosed. Size 10x4x2½". Shpg. wt., 5 lbs.

KT-127 less batteries Net 17.25
 BA-157 Burgess No. 2 battery Net .13
 BA-133 Burgess P 45 battery 2 ea. @ 2.17 Net 4.34



"JEWEL"
 REMOTE
 CONTROL
 RELAY

1.95

A natural for remote control receivers, it is highly sensitive, and built to withstand severe crashes. The smallest commercial job available, it weighs less than ½ oz. Factory adjusted to pull in at 1.4 MA. drop out at 1.2 MA D.C. Single pole, double throw. Used in outstanding R/C receivers. 5,000 ohm coil. IMPORTED TO SAVE YOU MONEY.

F-260—Relay Shpg. wt., 2 oz. Net 1.95

27.255 CITIZENS BAND AND



R/C CRYSTAL
 .005% TOLERANCE!

Reg. 2.95

1.89

Designed specifically for use in R/C model planes, boats, cars, etc., as well as on channel 23 of class "D" Citizens Band Equipment. Type HC-6/U holder; Pin spacing .493; Pin dia. .050".

MS-786 Net 1.89



MATCHING CRYSTAL SOCKET

FOR MS-786 and all HC-6/U Citizen band and R/C crystals. Rugged Ceramic Body.

MS-787 Net .20

miniature TELESCOPING ANTENNA



RETRACTS TO 9 INCHES with PLASTIC CASE

Ideal for mobile or fixed transceivers, miniature portable and pocket transistor radios, wireless broadcasters and a host of similar applications. This 5-section antenna is made of chrome-plated brass and plugs into a jack which is supplied. Measures 38" fully extended and retracted is 9" to facilitate carrying in pocket. Comes in a flexible plastic case with slip-under protecting flap.

F-343 Telescoping Antenna Net .59

REMOTE CONTROL ESCAPEMENT

• AT THE LOWEST PRICE ANYWHERE!

A sturdy 2 arm self neutralizing escapement. Completely wired (not a kit). Converts electrical impulses from remote control receiver to mechanical motion for varying movement of plane, boat, or car. Four 90° rotations—two by armature activation, two by neutralization. Has ratchet governor for maintaining foolproof rotating speed. Weighs only ¾ oz. Size: 1¾x2" W overall. Shpg. wt., 5 oz.

F-255 Net 1.95

REMOTE ENGINE CONTROL ESCAPEMENT

Lafayette's exciting new air-bleed self-neutralizing remote engine control. Varies engine speed of your model. Neutral position of one arm is low speed, neutral position of 2nd arm is high speed, and maintained activated position of either arm (armature activated) stops motor. Perfect mate for Lafayette F-256. Compact and weighs only ¾ oz. Requires 1½ volt battery. Low current drain. Size: 1¾x1¾". Shpg. wt., 5 oz.

F-257 Net 2.45

COMPOUND REMOTE CONTROL ESCAPEMENT

• LAFAYETTE'S AMAZING VALUE IN A 4-ARM SELF-NEUTRALIZING COMPOUND ESCAPEMENT! • NO NEED TO WORRY ABOUT LOSING YOUR MODEL!

You have no sequence of operation to worry about! Simple as A B C! One pulse always gives right turn; two pulses always gives left turn. Three pulses closes the circuit for the supplementary control such as motor (F-257) or elevator, if used. The rudder always returns to neutral position after any turn as soon as transmitter keying button is released. With ratchet governor for foolproof operation. Sturdy construction—low current drain. Uses 1½ volt battery. Weighs 1¾ oz. Size: 2¾x1¾" overall. Shpg. wt., 6 oz.

F-256 Net 3.45

NEW! MULTI-PURPOSE ELECTRIC SERVO MECHANISM



4.95

- POWERFUL, MOTOR DRIVEN R/C ACTUATOR
- POSITIVE, INSTANTANEOUS ACTION
- FOR MODEL BOATS AND CARS

Lafayette's new, motor driven, remote control servo-mechanism. Imported by Lafayette to sell for half the price of any comparable unit! Carefully constructed for power, durability and rugged use. Operates with any single channel, remote control receiver and transmitter. When operated at the prescribed 3 volts, the action is accurate and rapid. Provides for selective steering and automatic return to neutral. Extremely efficient when used with model boats or land vehicles. Hobbyists will find uses for the servo-mechanism restricted only by their imagination. Single pulse operation—electronic neutralization. Measures only 2½x2x1¾" overall. Includes instructions and linkage to extend actuator arm. Shpg. wt., 8 oz.

F-327 Net 4.95

RADIO CONTROL EQUIPMENT IS AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN—SEE PAGE 318

Page 223

LAFAYETTE POPULAR TRANSISTOR KITS

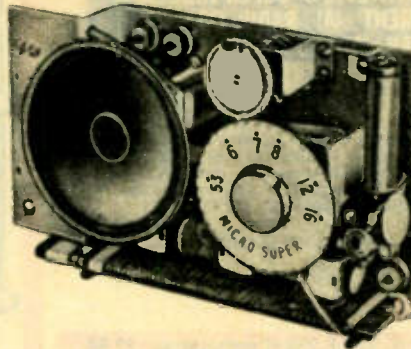
6 TRANSISTOR SUPERHET RECEIVER WITH LATEST NPN-PNP TRANSISTORS

- GE 2N188A AUDIO OUTPUT TRANSISTORS
- 100% SUBMINIATURE PARTS—NO COMPROMISES!
- LABORATORY DESIGNED—SENSITIVE, SELECTIVE, STABLE!
- CLASS B PUSH-PULL AMPLIFICATION—PLENTY OF POWER.
- FOR GROUP AND PRIVATE LISTENING
- NEW 28 PAGE INSTRUCTION MANUAL

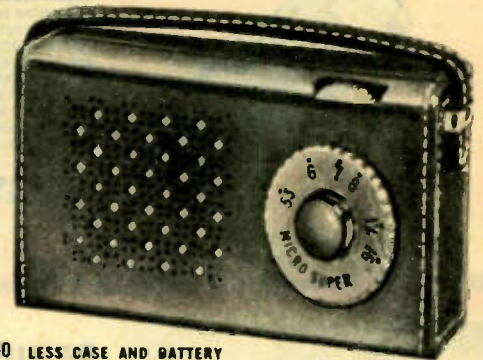
Superb Performance!

FOR GROUP AND PRIVATE LISTENING

Transistor-wise Lafayette proudly presents its newly revised 6 Transistor Superhet Receiver Kit KT-119A. This improved model uses the latest GE NPN-PNP Transistors in an ingeniously engineered, laboratory tested circuit providing superb performance and an amazing superior commercial quality. The circuit features a specially matched set of 3 IF transformers, Oscillator Coil, High-Q Loop, Class B Push-Pull Audio Amplification and optimum Transformer Coupling in audio and output stages. Has efficient 2 3/4" speaker for exemplary reproduction and ear-phone jack for private listening. Complete with all parts, transistors, pre-punched chassis, but less battery and leather case. New 28 page easy-to-follow step-by-step instruction book. Size 6 x 3 1/2 x 1 1/2". Shpg. wt., 3 lbs.

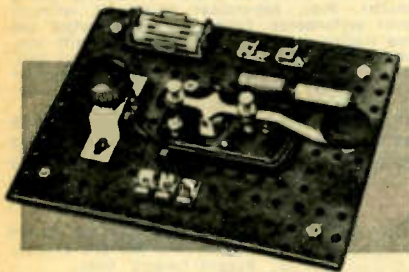


Incomparable Value!



26.50 LESS CASE AND BATTERY

KT-119A Complete Kit—Less Case and Battery	Net 26.50
BA-180 Battery 9V Burgess 2N6	Net 1.30
MS-339A Sturdy attractive brown leather case with carrying strap for KT-119A. 6 x 3 1/2 x 1 1/2". Shpg. wt., 1 lb.	Net 2.95
MS-591 Sensitive matching earphone	Net .79



TRANSISTOR CODE PRACTICE OSCILLATOR KIT

COMPLETE WITH TELEGRAPH KEY & TRANSISTOR **3.75**

For those interested in mastering the international code, an audio tone oscillator is essential. The circuit of this transistorized feedback oscillator has the simplicity of the neon glow, the signal strength of the vacuum tube, and requires only two penlite cells for weeks of service. It may be used for solo practice, or two may send and receive with the same unit. Kit comes complete with Transistor, Telegraph Key, Resistors, Condensers, Masonite Board, etc., and Schematic Diagram.

KT-72 LESS BATTERY, Shpg. wt., 1 1/4 lbs.	Net 3.75
ME-33 Cannon AM-15-1—Single headset	Net 1.18
BA-154 Battery Burg. #7 or eq. (2 required) wt., ea. 1/2 oz.	Net ea. .10

TRANSISTOR-DIODE CHECKER KIT ANOTHER LAFAYETTE FIRST

- QUALITATIVE CHECK OF P-N-P and N-P-N TRANSISTORS FOR LEAKAGE AND GAIN • CHECKS DIODES
- CHECKS SELENIUM RECTIFIERS

Lafayette's tried and proven transistor checker is indispensable for ultra fast, reliable transistor testing. It checks P-N-P and N-P-N transistors for leakage and shorts on a multi-colored scale and indicates at once whether transistor is good or bad. Selector switch permits direct GAIN reading on a calibrated GAIN scale without needle deflecting off scale. Permits rapid check of diode and selenium rectifier quality by indicating forward and reverse current characteristics. Sturdy black bakelite case and attractive black baked enamel aluminum panel with white lettering. Complete with detailed instructions and up-to-date manufacturers GAIN standards. 6 1/4 x 3 3/4 x 2". Shpg. wt., 2 lbs. Less battery. KT-86A Transistor-Diode Checker Kit



7.95

KT-86A Transistor-Diode Checker Kit	Net 7.95
BA-116 15 Volt Battery for KT-86-A. 1 ea. required	Net .81



4 TRANSISTOR TELEPHONE PICK-UP AMPLIFIER KIT

- FOR FAMILY AND BUSINESS GROUP LISTENING

14.95

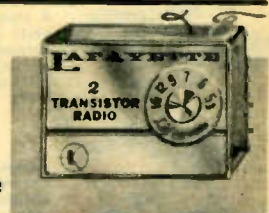
- HI-GAIN AMPLIFIER FOR PHONO AND MIKE

Lafayette's new Super-Sensitive 4 Transistor Telephone Pick-up Amplifier with class "B" push-pull output for efficient speaker operation. Permits the whole family to enjoy phone conversations. Invaluable on long distance calls, as well as for group listening on business calls and conferences. No need for extension phones! Just place the pickup coil under the telephone cradle base, or in case of metallic base, near phone receiver and you'll marvel at how loudly and clearly the two-way conversation comes through the speaker. Uses transformer coupling for optimum performance. The kit comes complete with all parts including 4 transistors, 3 transistor audio transformers, speaker, volume control, an attractive ripple-finish metallic cabinet, a pre-cut metallic chassis that makes mounting and wiring of parts a "snap", wire and solder, less battery and pick-up coil. Includes easy-to-follow illustrated instructions. Size 4 1/2 H x 4 1/4 W x 4 1/4 D. Shpg. wt., 3 lbs.

KT-131A Complete Kit Less Battery & Pickup Coil	Net 14.95
BA-180 Battery 9V. Burgess. 2N6 or eq. wt., 5 oz.	Net 1.30
MS-16 Telephone Pickup Coil. Shpg. wt., 4 oz.	Net 1.95

2 TRANSISTOR PCKET RADIO KIT

- With Super-Selective Tapped Ferri-Loop
- Prepunched Chassis For Easy Assembly
- 2 "Hot" Germanium Transistors Plus Diode
- A Natural For the Youngster



Enjoy the thrill of constructing a compact broadcast radio with amazing performance. Make the first radio you build a modern transistor receiver. Learn about the exciting world of semiconductor. An ideal, neat and low-cost transistor pocket radio kit for students, hobbyists, experimenters and beginners interested in a practical and basic knowledge of transistor circuits. Employs the new tapped variable Ferri-Loop and a specially designed miniaturized 365 uuf variable capacitor for super-selective tuning. Includes a Crystal Diode detector and 2 reliable transistors in grounded emitter amplifier stages for maximum output. Will give good reception up to 50 mile radius with approx. 50 ft. antenna and a good ground. Complete with transistors, crystal diode, attractive plastic case, variable capacitor, tapped Ferri-Loop, resistors, capacitors and a neat pre-punched metal chassis. With simple, detailed How-To-Do-It instructions that make construction easy-as-pie even for the inexperienced. Size 3 3/4 x 2 3/4 x 1". Shpg. wt., 1 lb.

KT-98 Complete 2 Transistor Kit (less earphone and less battery)	Net 3.95
MS-111 Crystal Earphones for KT-98	Net .89
BA-154 Battery 1 1/2V BURGESS #7	Net 1.10

BUILD YOUR OWN HI-FI KITS

10 WATT PUSH PULL HI-FI AMPLIFIER KIT

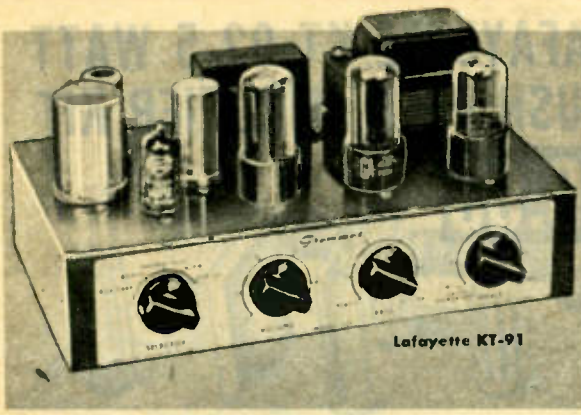
- BUILT-IN PREAMPLIFIER FOR GE RELUCTANCE CARTRIDGE
- SEPARATOR BASS AND TREBLE CONTROLS
- SELECTOR SWITCHES PERMIT CHOICE OF THREE INPUTS
- SEPARATE BASS AND TREBLE CONTROLS
- 4, 8 AND 16 OHM OUTPUTS
- EASY-TO-FOLLOW INSTRUCTIONS

This new, economy hi-fi amplifier has many deluxe features for exceptional performance. The three inputs are radio/crystal phono pickup, magnetic phono pickup and microphone. A selector switch changes the input from radio/crystal to microphone or magnetic pickup, depending upon the position of a rear apron slide switch.

OUTPUT — Rated 10 watts, peak 18. FREQUENCY RESPONSE — ± 1 db 30-15,000 cps. DISTORTION — 1.5% harmonic, 4% intermodulation at 8 watts. 4 CONTROLS — Input Selector; Volume; Treble; Power-On-Off-Bass. TREBLE CONTROL — Flat response up to 18 db cut. — BASS CONTROL — Flat response up to 15 db boost. OUTPUT IMPEDANCES — 4, 8 and 16 ohms. TUBES — 6SC7, 6SL7GT, 2-6V6GT and 5Y3GT rectifier. AUXILIARY AC OUTLET — Distinctive Hammertone finish. SIZE — $10\frac{1}{2} \times 6\frac{1}{4} \times 5\frac{1}{4}$ ". WEIGHT — 8½ lbs. For 110-120 Volts. Complete kit with coded wire, highest grade solder and detailed instruction manual.

KT-91 2.00 Down Net 24.50

24.50
2.00
DOWN



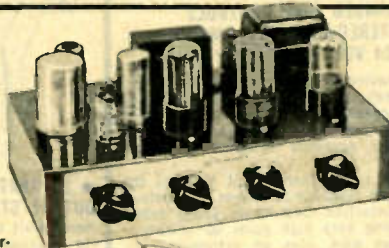
Lafayette KT-91

MONAURAL HI-FI PHONO SYSTEM KIT

85.95

HAVE FUN — SAVE MONEY, by assembling this top-value system yourself. Features Lafayette KT-91 10 watt amplifier kit, famous Garrard RC 210 intermix record changer, GE triple-play cartridge with diamond-sapphire dual stylus and the new Lafayette SK-124 Ultra-Compliance 2 way speaker system in mahogany or walnut cabinet (specify finish). Tuner can be added at any time for radio reception. Less changer base. Shpg. wt., 38 lbs.

PK-466WX 5.00 Down Net 85.95
PK-362W Mahogany base for changer Shpg. wt., 5 lbs. Net 3.95
PK-363W Blond base for changer Shpg. wt., 5 lbs. Net 3.95
PK-364W Walnut base for changer Shpg. wt., 5 lbs. Net 4.50



Lafayette KT-91



GE Cartridge

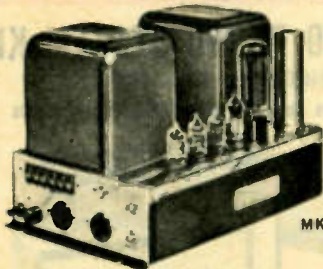


Lafayette SK-124 Ultra-Compliance Speaker Systems

Garrard RC-210



NEW! McINTOSH MK-30 30-WATT BASIC AMPLIFIER KIT



MK-30

Now In Kit Form — All the features and performance of the famous McIntosh MC-30 Amplifier now available in this excellent kit. Patented McIntosh output circuit cuts maximum intermodulation distortion to a low ½% and harmonic distortion to less than ½%, throughout the audible range even at full power. It's extreme sensitivity, 0.5 volt input, allows direct use with any FM-AM tuner. The input is provided with a gain control. Frequency Response is flat ± 1 db between 15-50,000 cps. Hum and noise are —90 db and damping factor is 12. Outputs are furnished for 4, 8, 16 and 600 ohms (balanced). Tubes: 2-12AX7, 12AU7, 12BH7, 2-1614, 5U4GA. (Rectifier). Dimensions = $13\frac{3}{8} \times 8 \times 8$ ". Power Consumption 155 watts, 117/125v, 50/60 cycles AC. Shpg. wt., 34 lbs.

G-175WX 5.00 Down Net 119.00

PACO SA-40 40-WATT STEREO AMPLIFIER KIT



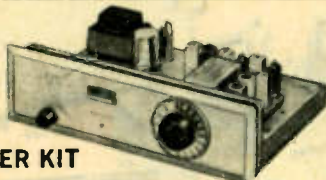
AMPLIFIER KIT

The SA-40 combines dual 20 watt amplifiers plus versatile preamplifiers in one easy to build kit. Front panel switch converts SA-40 into a 40-watt monaural unit. Frequency Response = 30-90,000 cps ± 1 db. Distortion = Less 0.2% harmonic and 1% intermodulation per channel. Hum and Noise Level: Up to 80 db below rated output. Controls: Equalization, Mode Selector, Speaker Selector, Input Selector, Balance, Loudness/Volume, Bass, Treble and Monaural Operation. 9 Tubes, plus 2 silicon and 1 selenium rectifiers. For 117v. 50-60 cycles AC. Gold and satin black hooded case. $15\frac{3}{8} \times 11\frac{3}{8} \times 5\frac{1}{2}$ "H. Shpg. wt., 23 lbs. Complete with case and step-by-step assembly manual.

G-590WX 5.00 Down Net 79.95
G-591WX SA-40 Factory Wired 5.00 Down Net 129.95

NEW!
Scott

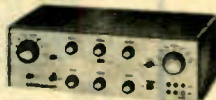
LT-10 FM TUNER KIT



Now the same high performance standards of the famous Scott FM tuners are available in easy-to-build kit form. The LT-10FM tuner kit employs renowned Scott Wide-Band circuitry with pre-assembled, pre-aligned silver plated front end. Mechanical chassis assembly is completed with tube sockets and terminal strips pre-riveted to the chassis. In addition wires are precut, stripped and tinned. A new alignment procedure utilizing the tuner's own meter, assures proper alignment without special alignment generators. Specifications: Usable (IHF) sensitivity 2.5 mv; Signal to Noise ratio 60db below 100% modulation; Harmonic distortion 0.8%; Drift 0.02%. Size: $13 \times 4\frac{3}{8} \times 9\frac{3}{4}$ ". Shpg. wt., 12 lbs.

G-164WX 5.00 Down Net 89.95

ACROSOUND S1001 STEREO PREAMP KIT



S1001

Easy printed circuit board construction. Unique features include Mike Dub Switch, balance control, and panel Light Matrix. SPECIFICATIONS — INPUTS: 2-MAG. Cart, 2-Tape Head, 2-Tuner (FM-AM, FM-FM Multiplex), Tape Input, Microphone. OUTPUTS: 2-Main, 2-Tape, 3rd Channel. CONTROLS AND SWITCHES: Tape Monitor, Mike Dub, Input Selector (78, LP, RIAA-1, RIAA-2, Tape Head, FM-AM, FM-FM Multiplex, Aux.), 2-Bass, 2-Treble, Balance, Ganged Volume/Loudness, Output Selector (Check A, Check B, Stereo, Stereo Rev., Mon. AB, Mon. A, Mon. B), 1-Scratch, 1-Rumble, Phasing, Loudness In-Out. 4 A.C. outlets (2-switched). $4\frac{3}{4} \times 12\frac{3}{4} \times 6\frac{1}{2}$ ". Complete with enclosure and instructions. Shpg. wt., 10 lbs.

G-578WX 5.00 Down Net 69.50
Power Supply Kit for S1001. Shpg. wt., 5 lbs. Net 10.00
G-579W

ACROSOUND STEREO 20-20 DUAL BASIC AMPLIFIER KIT



A two-channel basic amplifier kit with common power supply. 18 watts per channel at 2% Harm., 1.5% IM distortion; 36 watts monaural. Individual level controls, stereo-monaural switch. Dual speaker outputs: 4, 8, 16, 32 ohms. Response: 10-70,000 cps ± 1 db. A.C. $7 \times 10 \times 5\frac{1}{2}$ "H. Shpg. wt., 18 lbs.

G-570WX 5.00 Down Net 69.50
Stereo 20-20, Factory wired 5.00 Down Net 99.50
G-571WX 5.00 Down Net 99.50

LAFAYETTE STEREO & MONAURAL PHONO AMPLIFIER KITS

LAFAYETTE STEREO PHONO AMPLIFIER KIT



18.95

KT-126

- 4 WATTS STEREO OUTPUT
- ISOLATION TRANSFORMER
- SEPARATE VOLUME CONTROLS
- GANGED TONE CONTROLS
- STEREO-MONAURAL SWITCH
- .04 VOLT SENSITIVITY

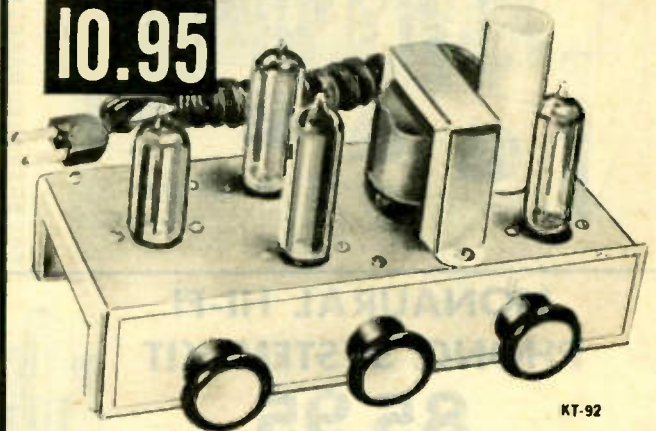
This is a complete 4-watt hi-fi stereo amplifier having 2 watts output per channel. Features separate volume control for each channel; ganged tone controls; Stereo-monaural switch to feed one channel to both speakers and to reverse the channels. Just right for any use where a small stereo amplifier is required—ideal for custom mounting in even the tightest locations; specially designed for small apartment sized stereo systems.

An isolation transformer makes this circuit extra safe. Other circuit features for better performance include application of negative feedback to driver and output stages for wide-range response and extra low distortion. Dual-triode 12AX7 tubes function as voltage amplifier and driver, providing very high gain: 40 millivolts drives this unit to full output. This tremendous gain, plus an extremely high input impedance, make this amplifier perform exceptionally well with all types of ceramic and crystal pickups, as well as tuners, tape recorders, etc. Selenium rectifier power supply has extremely good regulation. Logical layout, high quality parts, plus complete instructions for assembly, make this kit a pleasure to build and use. For 3.2 or 8 ohm speakers. Tubes: 2-50C5, 2-12AX7 plus selenium rectifier. Size: 9½x5x4½". Complete with all parts. For 110-120 volts, 60 cycle AC. Shpg. wt., 7 lbs.

KT-126 Kit, Complete

Net 18.95

LAFAYETTE KT-92 5 WATT PUSH-PULL AMPLIFIER KIT



10.95

KT-92

- SEPARATE VOLUME, BASS & TREBLE CONTROLS
- PUSH-PULL AUDIO OUTPUT STAGE
- INVERSE FEEDBACK CIRCUIT
- AC OR DC OPERATION

Here in kit form is an AC-DC hi-fi amplifier that presents unusual features despite its amazingly low price. The separate bass and treble controls permit adjustment of both low and high frequency response and balance. Works equally well with both crystal or ceramic cartridges. Has a 4-tube line up—a 12AX7 amplifier and phase inverter, a 35W4 rectifier and a pair of 35C5's in push-pull, having a power-packed low distortion output. The circuit utilizes an inverse feedback loop to reduce the level of hum and distortion. Kit is complete containing all essential parts, tubes and detailed instruction manual showing pictorial and schematic diagrams. Shpg. wt., 4 lbs.

KT-92

Net 10.95

ASSEMBLE YOUR OWN PHONO SYSTEMS

COMPLETE 5 WATT PHONO SYSTEM KIT



23.75

Only 2.00 Down

COMPLETE STEREO PHONO SYSTEM KIT

- Save By Building This Excellent Stereo Amplifier
- Plays Both Stereo and Monaural Records



39.95

Only 2.00 Down

Everything required for a complete HI-FI system in this "easy-to-assemble" package—and Lafayette brings it to you at an unbeatable price. The system is centered about the excellent Lafayette KT-92 5 watt amplifier kit (as described above). The ML-24 4 speed turntable employs a rubber shock-mounted friction drive motor for quiet dependable operation. Tone arm is the Lafayette PK-157 containing turnover crystal cartridge with dual sapphire stylus. Completing the system in the Lafayette SK-109 miniature hi-fi speaker system beautifully finished in mahogany veneers and supplied with 25 feet of hookup cable. Speaker measures only 9½x7¾x3¾"D. Shpg. wt., 15 lbs.

PK-333WX

2.00 Down

Net 23.75

Unfinished mounting board for ML-24 turntable. Shpg. wt., 1 lb.

PK-149W

Net .95

Enjoy fine stereo performance with this "easy-to-assemble" exclusive Lafayette package. The complete system consists of the Lafayette KT-126 Stereo Phono Amplifier Kit (as described above), Lafayette ML-24 4-speed Turntable for 16½, 33½, 45 and 78 rpm records, Lafayette PK-171 Stereo Tone Arm with the wide range Plug-In Crystal Cartridge and .75 mil sapphire stylus for stereo and monaural records. Completing the system are 2 of Lafayette's amazing SK-109 miniature speaker systems. Housed in attractive mahogany veneer enclosures, each speaker is supplied with 25 feet of hookup cable and measures only 9½x7¾x3¾"D. Shpg. wt., 22 lbs.

PK-454WX

2.00 Down

Net 39.95

Unfinished mounting board for ML-24 Turntable. Shpg. wt., 1 lb.

PK-149W

Net .95

NEW!

harman kardon

CITATION HI-FI KITS — DYNAKITS



NEW! HARMAN-KARDON CITATION I KIT Stereo Preamp Control Center

A high quality stereo-monaural preamp-control unit. Inputs: 12 (six pairs) — Aux, Tape Amp, Tuner, low-level phono, high-level phono. Outputs: 5—Two main preamp outputs plus a third channel output, two tape outputs for recording. Mode selector chooses output types: stereo, Channel B, Stereo Reverse. IM DISTORTION: Less than 0.05% at 2 volts. RESPONSE: to ± 5 db 5-80,000 cps. Tubes: 9-ECC83/12AX7 plus silicon rect. POWER REQUIREMENTS: 110V AC, SIZE: 14 $\frac{1}{2}$ Wx12 $\frac{1}{2}$ Dx6 $\frac{1}{2}$ H. Shpg. wt., 20 lbs. Gold & Charcoal brown finish.

- G-230WX Kit 5.00 Down Net 159.95
- G-231WX Wired 10.00 Down Net 249.95
- G-232W Walnut Enclosure 2.00 Down Net 29.95



NEW! HARMAN-KARDON CITATION IV KIT STEREOPHONIC PREAMPLIFIER CONTROL CENTER

The Citation IV is a compact stereophonic preamplifier. FREQUENCY RESPONSE: $\pm \frac{1}{2}$ db, 5-80,000 cps. DISTORTION: .05% at 2 volts. NOISE: 85 db below rated output (2v). SENSITIVITY: Hi Level: 0.2v; Lo Level: 2.5 mv in phono position. INPUTS: Aux, Tape Amp., tuner, Phono. MODES: Stereo, Reverse, A+B, Channel A, Channel B. TUBE COMPLEMENT: 6-ECC93/12AX7, 4-semiconductor rectifiers. POWER: 110-120 volts AC, 60 cps. 14 $\frac{1}{2}$ Wx11x5 $\frac{1}{2}$ H. Shpg. wt., 16 lbs.

- G-367WX Citation IV Kit 5.00 Down Net 119.95
- G-368WX Citation IV Wired 5.00 Down Net 189.95
- Walnut Enclosure for Citation IV G-232W 2.00 Down Net 29.95



NEW! DYNATUNER FM KIT

The new Dynakit FM tuner utilizes complete printed circuit design. Can be completely aligned without the need for auxiliary equipment or instruments — using only the built-in tuning indicator. Designed for maximum linearity and stability of operation — yet has high sensitivity. Tuned RF input provides 4 microvolt (IHFM) sensitivity. IM DISTORTION: Less than 0.25% over useful range of operation. OUTPUT LEVEL: 1 $\frac{1}{2}$ volts. TUBE COMPLEMENT: 7 tubes plus rectifier, tuning eye and 2 diodes. POWER REQUIREMENTS: 110-120 AC, 60 cps. 13x4x8". Shpg. wt., 11 lbs.

- G-467WX 5.00 Down Net 79.95



DYNAKIT STEREO 70 70-WATT STEREO AMPLIFIER KIT

The stereo 70 is rated at 35 watts channel or 70 watts for monophonic. Frequency response: ± 0.5 db 10-40,000 cps. IM distortion: less than 1% at 35 watts. Sensitivity: 1.3 volts rms input for 35 watts output. Output impedance: 4, 8, 16 ohms. Minimum channel separation: 55 db. cover. Size: 13x9 $\frac{1}{2}$ x6 $\frac{1}{2}$ " H. Shpg. wt., 32 lbs.

- G-455WX Kit 5.00 Down Net 99.95
- DynaKit Stereo 70 Stereo Amplifier. Same as above, but completely wired. G-456WX 5.00 Down Net 129.95



DYNAKIT PAS-2 STEREO PREAMPLIFIER KIT

Includes two independent high gain, low noise preamp-ifier-control channels. Inputs: 3 stereo low level and 4 stereo high level. Frequency response: ± 0.5 db 6-60,000 cps. Distortion: less than .05%. Noise: less than 3 uv, equivalent noise input on RIAA. Gain: 60 db at 1000 cps on RIAA, 20 db on high level. Tubes: 4-12AX7/ECC-83, 6X4, selenium rectifier. Textured vinyl finish. Size: 13x8x4". Shpg. wt., 11 lbs.

- G-453WX Kit 5.00 Down Net 59.95
- DynaKit PAS-2 Stereo Preamp. Same as above, but completely wired. Shpg. wt., 11 lbs. G-454WX 5.00 Down Net 99.95



DYNAKIT MARK III 60 WATT POWER AMPLIFIER KIT

A compact 60 watt basic amplifier. Pre-wired printed circuit assembly with parts mounted. Frequency response better than $\pm .5$ db from below 6 cps to above 60 kc. Response at any level up to 60 watts is $\pm .1$ db over a range in excess of 20 cps to 20 kc. IM distortion less than 1% at 60 watts levels. Less than 1% harmonic distortion within 1 db outputs. Utilizes 1-6AN8, 2-KT88 (or 6550), 1-GZ34 and selenium rectifier. Washable, chip-proof vinyl coated finish on cover. All parts, tubes and protective cover included in kit. Shpg. wt., 28 lbs.

- G-457WX Kit 5.00 Down Net 79.95
- G-458WX As above, but wired 5.00 Down Net 99.95
- G-459WX Kit with 70.7 volt output for P.A. use 5.00 Down Net 84.95

NEW! HARMAN-KARDON CITATION II KIT 120 Watt Stereophonic Hi-Fi Power Amplifier



Two ultra-linear type amplifiers deliver 60 watts each channel or a total of 120 monaural. Frequency Response: 18-40,000 cps + 0 to -1.0 db @ 60 watts, 2-80,000 cps + 0 -1.0 db @ 1 watt; IM Distortion: Less than .5% @ 60 watts, Harmonic Distortion: Less than 0.5%, 20-20,000 cps @ 60 watts, Output 4, 8, 16 ohms. Tubes: 6-12BV7Z, 4-KT88, plus 4-Silicon Diodes & 1 Selenium rect. Dimensions: 16 $\frac{3}{4}$ Wx9Hx11 $\frac{1}{2}$ D. Charcoal Brown & Gold Finish. Shpg. wt., 60 lbs.

- G-233WX Kit 5.00 Down Net 159.95
- G-234WX Wired 10.00 Down Net 229.95
- G-235W Charcoal Brown Metal Enclosure 2.00 Down Net 7.95

NEW! HARMAN-KARDON CITATION III KIT PROFESSIONAL FM TUNER KIT

The Citation III is a new, extremely sensitive tuner, utilizing the revolutionary new "Nuvistor" subminiature precision tube. Preassembled, factory-aligned Converter-IF subassembly. SENSITIVITY: 0.65 uv for 20 db quieting; 0.85 uv for 30 db quieting. IMAGE REJECTION: 65 db, FREQ. RESPONSE ± 0.5 db, 1-52,000 cps. ANTENNA IMPEDANCE: 300 ohms. DISTORTION: less than 0.1% at 100% mod. HUM: 65 db below 100% mod. OUTPUT LEVEL: 2v at 100% mod. OUTPUT IMPEDANCE: 1500 ohms. POWER: 110-120 volts AC, 60 cps. 14 $\frac{1}{2}$ Wx12 $\frac{1}{2}$ Dx6 $\frac{1}{2}$ H. Shpg. wt., 24 lbs.

- G-365WX Citation III Kit 5.00 Down Net 149.95
- G-366WX Citation III Wired 10.00 Down Net 229.95
- WC1 Walnut Enclosure for Citation III G-232W 2.00 Down Net 29.95

NEW! HARMAN-KARDON CITATION V KIT 80 WATT STEREOPHONIC BASIC POWER AMPLIFIER

Conservatively rated at 40 watts/channel (continuous), 95 watts/channel (peak). HARMONIC DISTORTION: less than 0.5% at 40 watts. IM DISTORTION: Less than 0.5% at 40 watts. FREQUENCY RESPONSE: 7-45,000 cps ± 1.0 db at 40 watts. HUM AND NOISE: Better than 85 db below 40 watts. OUTPUT IMPEDANCE: 4, 8 and 16 ohms. TUBE COMPLEMENT: 2-12BY7A, 2-6CG7, 4-7581 plus 4 silicon diodes and 1 selenium rectifier. POWER: 250 watts at 110-120 volts AC, 60 cps. 13 $\frac{1}{2}$ Wx5 $\frac{1}{2}$ Dx11 $\frac{1}{2}$ H. Shpg. wt., 40 lbs.

- G-369WX Citation V Kit 5.00 Down Net 179.95
- G-370WX Citation V Wired 5.00 Down Net 179.95
- G-371WC Metal Cage for Citation V 5.00 Down Net 7.95

DYNAKIT MARK IV 40 WATT POWER AMPLIFIER KIT

The Mark IV is a 40 watt basic amplifier. Power output: 40 watts continuous, 80 watts peak. Frequency response: ± 0.5 db 10-40,000 cps. IM distortion: less than 1% at 40 watts, less than .05% at 1 watt. Hum and noise: better than 90 db below 40 watts. Output impedance: 4, 8, 16 ohms. Sensitivity: 1.3 volts rms input for 40 watts output. Tubes: 2-EL-34, 7199, GZ-34, selenium rectifier. Finish with nickel chassis, and vinyl coated charcoal brown cover. Power consumption: 115 watts. Size: 5x14x6 $\frac{1}{2}$ " H. Shpg. wt., 20 lbs.

- G-449WX Kit 5.00 Down Net 59.95
- Mark IV 40 Watt Amplifier. Same as above, but completely wired. Shpg. wt., 20 lbs. G-450WX 5.00 Down Net 79.95

DYNAKIT PAM-1 PREAMPLIFIER KIT

A quality preamp-control unit, incorporating a factory-wired printed-circuit module. Current and voltage feedback loops include four stages of gain. Inputs: Low-level magnetic cartridge, high level magnetic, radio, TV, tape, plus "special" low level (option of extra RIAA phono input, tape head, or mike). Outputs: Tape and audio output. IM Distortion: Less than .05%. Response: ± 0.5 db 6-60,000 cps. Gain: 54 db @ 1000 cps (RIAA input) 20 db @ 20-20,000 cps (high-level input). Tubes: 2-ECC/12AX7 plus selenium stack. Power Requirements: 200-400 volts d.c. @ 3-4 ma.; 6 volts a.c. @ .75 amps. Size: 2 $\frac{3}{4}$ Hx12Wx6"D. Shpg. wt., 7 lbs. Choice of bone white or charcoal brown vinyl finish.

- G-465 Kit 2.00 Down Net 34.95
- G-466 As above, but wired 5.00 Down Net 59.95

DYNAKIT STEREO CONTROL UNIT DSC-1

Designed to be used with pair of Dynakit (or comparable) preamps, the DSC-1 adapter provides stereo control facilities at moderate cost. • Dual volume control • Balance control of signal level differences between channels • Blend control • Channel reversing • Loudness • Stereo tape A-B monitor for stereo recording from discs or off-the-air • 3 $\frac{1}{2}$ x6" panel, weight 2 lbs. Enclosure harmonizes with companion preamps.

- G-451 Kit Specially white or brown 12.95
- G-452 As above, but wired 18.95

DYNACO ACCESSORIES

Stock No.	Manuf. No.	Description	Shp. wt. lbs.	Net Price
G-460	PS-1K	Dual Power Supply Kit	4	0.95
G-461	PS-1	As above, but wired	4	14.95
G-462	PM-1	Panel Mtg. Kit for PAM-1	2	2.95
G-463	PM-2S	Panel Mtg. Kit for 2 PAM-1 & 1 DSC-1	3	5.95
G-464	CM2S	Walnut Cabinet for 2 PAM-1 & 1DSC-1	4	17.95
G-465	PM-3	Panel Mounting Kit for PAS-2	3	4.95

BUILD YOUR OWN



HI-FI KITS • SAVE MONEY

EICO MODEL HFT 90K FM TUNER



Factory pre-wired and pre-aligned front end. Pre-wired tuning eye assembly. Temperature-compensated components. "traveling" tuning indicator, fly-wheel tuning and AGC. SENSITIVITY: 1.5 uv for 20 db quieting; 2.5 uv for 30db quieting; full limiting from 25 uv INPUT: 300 ohm balanced. OUTPUTS: Cathode follower and multiplier. TUBES: 1-ECC85/6AQ8, 3-6AV6, 1-6AL5, AC 50-60 cycles. Complete with instructions. 12x8 1/2 x 3 3/4". Shpg. wt., 10 lbs. G-422 Kit 2.00 Down Net 39.95
 HFT-90 Same as above, but factory wired
 G-423 5.00 Down Net 65.95
 E-3 Cover for HFT-90 Shpg. wt., 3 lbs.
 G-431 Net 3.95

MODEL HF85K STEREO PHONIC DUAL PREAMP KIT



Self-powered preamp-control center offering complete switching and control facilities for any stereo program source. SPECIFICATIONS (both channels): Frequency response 5-20,000 cps \pm 0.3 db; IM distortion (60 & 7000 cps) .03% @ 1 v. RMS output; Harmonic distortion (20-20,000 cps) 1% @ 3 v. RMS output; Tone-control range \pm 15 db @ 50 and 10,000 cps; RIAA phono and NARTB tape head (15, 7.5, and 3.75 ips) equalization; Output-to-main amplifier impedance, 8000 ohms. Tubes: 5-12AX7/ECC83's, 1-6X4. Size: 3 1/2" high, 12" wide, 8 1/4" deep. Shpg. wt., 10 lbs. Cover supplied.
 HF85K Stereo Dual Preamp Kit.
 G-492 2.00 Down Net 39.95
 HF85 Same, Factory wired and tested
 G-493 5.00 Down Net 64.95

EICO MODEL HF87K 70-WATT STEREO HIGH FIDELITY DUAL POWER AMPLIFIER KIT



A dual amplifier, this unit provides 35 watts output per channel. Ultra-linear connected, self-biased, push pull EL34 output stages for high stability. SPECIFICATIONS: OUTPUT: 70 watts continuous, 140 watts peak. FREQUENCY RESPONSE: \pm 0.5db 5 cps—100KC, HARMONIC DISTORTION: less than 1%. From 20 to 20,000 cps within 1db at 70 watts. DAMPING FACTOR: above 11. STABILITY MARGIN: 17db. SENSITIVITY: 0.38V for full output. CHANNEL SEPARATION: 55db. SPEAKER CONNECTIONS: 4, 8, 16, 32 ohms. TUBE COMPLEMENT: 1-ECC83/12AX7, 2-6SN7GTB, 4-EL34, 2 silicon diode rectifiers. POWER REQUIREMENTS: 215 watts at 117 volts AC, 60 cps. 15x11x6". Shpg. wt., 32 lbs.
 G-496WX Kit 5.00 Down Net 74.95
 HF87 Same as above, but factory wired
 G-497WX 5.00 Down Net 114.95

NEW! EICO ST-96K FM-AM STEREO TUNER



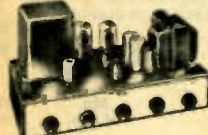
Features pre-wired, pre-aligned FM front end, FM and AM IF strips. SPECIFICATIONS: SENSITIVITY: (FM) 1.5 uv for 20 db quieting; (AM) 3uv for 1.0v average output at 20 db S/N ratio. SELECTIVITY: (FM) 250 Kc. IF bandwidth (6db down); (AM) overall IF bandwidth of 18KC at "broad bandwidth" 9KC at "narrow bandwidth." FREQUENCY RESPONSE: (FM) 20-15,000 cps \pm 1db; (AM) 20-9,000 cps on "wide bandwidth," 20-4500 cps on "narrow bandwidth." IMAGE REJECTION: (FM) 40db; (AM) HUM LEVEL: 60db down; DRIFT: (FM) less than 2 parts in 10,000 from cold start; (AM) negligible. OUTPUT LEVEL: (FM) 2.5v for 100%, mod. (AM) 1.0v average. POWER REQUIREMENTS: 117 volts AC, 60 cps. 15 1/2 x 5 1/4". Shpg. wt., 19 lbs.
 G-517WX 5.00 Down Net 89.95
 Model ST-96 Same as above, but factory wired.
 G-516WX 5.00 Down Net 129.95

EICO MODEL AF-4K COMPLETE STEREO PHONIC DUAL AMPLIFIER KIT



Model AF-4K utilizes a 27db feedback level to help lower harmonic and intermodulation distortion. Independent, concentric level and tone controls. SPECIFICATIONS: FREQUENCY RESPONSE: \pm 0.5db 30-20,000 cps. HARMONIC DISTORTION: less than 1% at 4 watts. SENSITIVITY (for 4W. output/channel): .26V (phono). 113V (other inputs). HUM: 74db below full output. SPEAKER CONNECTIONS: 4, 8, 16, 32 ohms. TUBE COMPLEMENT: 2-12DW7, 2-EL84, 1-EZ81. 3 3/4 x 12 x 8 1/4". Shpg. wt., 13 lbs.
 G-498 2.00 Down Net 38.95
 AF-4 Same as above, but factory wired.
 G-499 5.00 Down Net 64.95

EICO 20 WATT HIGH FIDELITY AMPLIFIER KIT MODEL HF20K



High quality equalizer and control section plus 20 watt Ultra-Linear Williamson-type power amplifier. Low distortion feed-back equalization; 5 equalizations provided for LP's and 78's including RIAA. Variable turnover, low distortion feed-back tone controls.
 Six inputs: 4 high level switched inputs and 2 low level inputs (not switched). Hum balance control for balancing out 60 cycle residual hum. Power Consumption: 110-120 volts, 60 cps, 100 watts. Tubes: 2-12AX7, 2-12AU7A, 2-6L6GB, 1-5U4GB. Handsomely styled to eliminate the necessity for cabinets. Size: 8 1/2" H, 15" W, 10" D. Shpg. wt., 24 lbs.
 G-502WX HF-20—Kit 2.00 Down Net 49.95
 G-503WX Factory Wired 5.00 Down Net 79.95
 G-428W ENCLOSURE FOR HF20 Net 4.50

EICO MODEL HF-81K STEREO PHONIC DUAL AMPLIFIER. PRE-AMP



3 inputs per channel: low level-mag phono, tape head and microphone. SPECIFICATIONS: OUTPUT POWER: rated 28 watts (continuous) for monaural, 14 watts for stereo. FREQUENCY RESPONSE: \pm 5 db, 10 to 100KC at 2 W out. IM DISTORTION: (60 and 6000 cps at 4:1): 0.5% at 10 watts out. HARMONIC DISTORTION: less than 1% from 40C-10KC at 20W output. SENSITIVITY: MAG PHONO: 4mv; TAPE HEAD: 2 mv; MIC: 6mv; TUNER AND AUXILIARIES: 0.5v. HUM AND NOISE LEVEL (below 14W): .56 db on low level, .75 db high level. OUTPUT: 4, 8, and 16 ohms. TUBE COMPLEMENT: 2-ECC82/12AU7, 4-EL84, 2-EZ81. POWER REQUIREMENTS: 115 volts AC, 50-60 cycles. 15x10 1/2 x 4 3/4". Shpg. wt., 24 lbs.
 G-490WX Kit 5.00 Down Net 69.95
 HF-81 Same as above, but factory wired.
 G-491WX 5.00 Down Net 109.95

EICO MODEL HF 86K 28-WATT STEREO HI-FI DUAL POWER AMPLIFIER KIT



14 watts per channel. Williamson circuit with push-pull EL84 output stages. New type 12DW7 tubes for better performance of Williamson circuitry. SPECIFICATIONS: OUTPUT POWER: 28 watts continuous, 56 watts peak. FREQUENCY RESPONSE: \pm 0.5db 10c to 100KC. IM distortion: 0.5% at 10 watts (60 & 7000 cps at 4:1). HARMONIC DISTORTION: less than 1% at rated output. STABILITY MARGIN: 15db. HUM: 90db below rated output. SENSITIVITY: 1.15 V for 14W. output. SPEAKER CONNECTIONS: 4, 8, 16, 32 ohms. TUBE COMPLEMENT: 2-12DW7, 4-EL84, 2-EZ81. POWER REQUIREMENTS: 115 watts at 117 volts AC, 50-60 cycles. 5x13 1/2 x 9". Shpg. wt., 16 lbs.
 G-494 Kit 2.00 Down Net 43.95
 HF-86 Same as above, but factory wired.
 G-495 5.00 Down Net 74.95

EICO HFT-92K HI-FI FM/AM TUNER KIT



Pre-wired and pre-aligned, the FM section employs full-wave rectification and heavy filtering for stability. Broad-band ratio detector with stable low threshold limiting provides a sensitivity of 1.5 uv for 20db quieting. FREQUENCY RESPONSE: 20-2000 cps \pm 1db for FM, 20-5000 cps \pm 3db for AM. ANTENNA INPUT: 300 ohms FM, Ferrite Rod for AM. POWER REQUIREMENTS: 117 volts AC, 60 cps. 3 3/4 x 12 x 8 1/4". Shpg. wt., 12 lbs.
 G-507WX 5.00 Down Net 59.95
 Model HFT-92 Same as above, but factory wired.
 G-508WX 5.00 Down Net 94.95

NEW! EICO MODEL HF-89K 100-WATT STEREO DUAL AMPLIFIER KIT



A new ultra-linear dual 50-watt amplifier. SPECIFICATIONS: FREQUENCY RESPONSE: \pm 0.5db 5 cps—100KC. HARMONIC DISTORTION: less than 2.25% from 30 to 15,000 cps and less than 1% from 20-20,000 cps within 1 db of 100 watts. IM DISTORTION: 0.5% at 100 watts. CHANNEL SEPARATION: 60db. SENSITIVITY: 0.55V for full output. OUTPUTS: 4, 8, and 16 ohms. TUBE COMPLEMENT: 1-ECC83, 2-6SN7GTB, 4-EL34, 2 silicon diode rectifiers. Surgistor protected. POWER REQUIREMENTS: 215 watts at 117 volts AC, 60 cycles. 15x11x6". Shpg. wt., 37 1/2 lbs.
 G-514WX HF-89 Kit 5.00 Down Net 99.50
 G-515WX HF-89 Wired 5.00 Down Net 139.50
 EICO E-8 enclosure for HF-89
 G-510W Net 4.50

EICO HIGH FIDELITY AM TUNER KIT HFT94K



The new HFT94K is a basic AM tuner kit designed for hi-fi applications. Features include: slide-rod dial, fly wheel tuning low inter-station noise, tuned RF stage, built-in ferrite loop antenna, pre-wired traveling eye indicator and pre-aligned RF & IF coils. SPECIFICATIONS: SENSITIVITY: 3uv at 30% mod. for 1v output. SELECTIVITY: (wideband) 14KC bandpass; (narrow band) 7KC bandpass. FREQUENCY RESPONSE: 20-9000 cps (wide), 20-5000 cps (narrow) OUTPUT: low impedance plate follower. Extra recording output. POWER REQUIREMENTS: 110-125 volts AC, 60 cps. 3 3/4 x 12 x 8 1/4". Shpg. wt., 12 lbs.
 G-500 2.00 down Net 39.95
 HFT94 Same as above, but factory wired.
 G-501 5.00 down Net 65.95

EICO MODEL HF30K 30-WATT BASIC POWER AMPLIFIER



Uses 4 of the remarkable EL84 output tubes in a push-pull parallel arrangement. SPECIFICATIONS: IM DISTORTION: 0.35% at 10 watts. HARMONIC DISTORTION: below 1% at 30 watts. FREQUENCY RESPONSE: 15-50,000 cps \pm 0.5db at 30 watts. SENSITIVITY: 1.24 volts for 30 watts out. HUM: 80db below rated output. SPEAKER CONNECTIONS: 4, 8, and 16 ohms. TUBE COMPLEMENT: 1-6AU6, 1-ECC 90/6C4, 4-EL84, 2-EZ81 Rectifiers. POWER REQUIREMENTS: 125 Watts at 117 volts AC, 60 cps. 5x12x7". Shpg. wt., 17 lbs.
 G-504 2.00 Down Net 39.95
 HF30 Same as above, but factory wired.
 G-505 5.00 Down Net 62.95
 E-4 Cover for HF30 Shpg. wt., 3 lbs.
 G-506 Net 3.95

BUILD **EICO** HI-FI KITS SAVE MONEY

EICO MODEL HF-32K HI-FI AMPLIFIER PRE-AMP



An extremely versatile 30-watt pre-amp amplifier combination at a reasonable price. The HF32K combines a highly stable, wide frequency range power amplifier with a multi-use preamp. 3 low level inputs for magnetic phono, tape head, and microphone. 3 high level inputs for TV or Tuner, crystal or ceramic cartridge, or tape. Features: Frequency response — ± 0.5 db, 15-50,000 cps; Output to match 4, 8 and 16 ohms; IM Distortion — 2% at 30 watts; Harmonic Distortion — Below 1%, 20-20,000 cps 1 db. below 30 watts; Sensitivity — (input for rated output) Mag. Phono — 5 mv, Tape Head — 2 mv, Microphone — 4 mv, High Level — 2 mv; Power output 30 watts continuous. For 117 volts, 60 cps AC. Size 15x4 $\frac{3}{4}$ x10 $\frac{1}{2}$ ". Shpg. wt., 28 lbs.

G-420WX Net 57.95
HF32 Same as above, but factory wired.
G-421WX 5.00 Down Net 89.95

60 WATT POWER AMPLIFIER KIT



EICO MODEL HF60K

Enjoy superb performance and save money too by building this top quality amplifier. The kit includes Acrosound's famous TO-330 output transformer which provides high undistorted power, push-power output 60 watts, with 130 watt peak. Harmonic distortion less than 0.5%. Frequency response: 16-90,000 cps. ± 0.1 db at 60W. Damping factor 17. Has input level control, bias and bias-balance adjustments, standard socket for preamp power take-off and remote on-off switching.

pull parallel ultra-linear operation. Rated 7x14x8". Shpg. wt., 30 lbs.

G-440WX KIT 5.00 Down Net 72.95
HF60 Same as above, but factory wired.
G-441WX 5.00 Down Net 99.95
E-2 Matching Cover. Shpg. wt., 3 lbs.
G-414W Net 4.50

EICO MODEL HF65AK MASTER CONTROL PREAMP



Features a new 3-stage tone control circuit driving a true variable crossover feedback tone control stage. Frequency Response — ± 0.3 db, 5-200,000 cps. Harmonic Distortion — 0.1% at 3v rms out. Controls: Selector-Equalizer (Aux. TV Tuner, Mic, Tape-NARTB equalized for Scratch, Rumble, Hum — 70 db on hi-level inputs and —60 db on low level input. Derive power from basic power amplifiers.

12x8 $\frac{1}{2}$ x3 $\frac{3}{8}$ ". Shpg. wt., 9 lbs.

G-436 KIT 2.00 Down Net 29.95
HF65A Same as above, but factory wired.
G-437 2.00 Down Net 44.95
HF65K Same as HF65AK, but with power supply. Shpg. wt., 10 lbs.
G-438 2.00 Down Net 33.95
HF65 Same as HF65K; but factory wired.
G-439 2.00 Down Net 49.95

EICO TRANSISTOR RECEIVER KIT MODEL RA6-K



Here is a modern, 6-transistor portable—easy to build at remarkably little cost. Provides high sensitivity, selectivity, undistorted sound output. Features include: built in Ferrite loop antenna, pre-aligned RF and IF transformers, 4x6" oval PM speaker, vernier tuning, earphone jack. No test tan leather case with retractable handle. Size 8 $\frac{1}{2}$ Lx4 $\frac{1}{2}$ Hx 2 $\frac{1}{2}$ "D. Shpg. wt., 3 lbs. Requires battery (not included).

Instruments needed. In simulated

G-410 KIT 2.00 Down Net 29.95
G-411 Factory wired 2.00 Down Net 49.95
BA-180 Battery (NEDA 1602) wt., 5 oz. Net 1.30

NEW EICO ST-40 40-WATT STEREO INTEGRATED AMPLIFIER KIT



The ST-40 contains 2 twenty watt amplifiers and a complete stereophonic hi-fi control center on one chassis. FEATURES: Switched sets of stereo inputs including magnetic phono (2), tape head,

preamplified tape, FM-AM stereo tuner, FM-FM Multiplex, and Auxiliary. Balance Check switch. Loudness/level switch. Bass and treble controls. Other controls include: Six position mode selector, tape monitor, scratch and rumble. Output 4, 8, and 16 ohm. Third channel speaker connection. Specifications: IM distortion—2% at 40 watts; Harmonic Distortion— $\frac{1}{2}$ % at 40 watts; Frequency response— $\pm \frac{1}{2}$ db. 20-20,000 cps. Shpg. wt., 27 lbs.

G-520WX 5.00 Down Net 79.95
RF Same as above, but wired.
G-521WX 5.00 Down Net 124.95

NEW EICO ST-70 70 WATT STEREO INTEGRATED AMPLIFIER KIT



Consists of 2-35 watt amplifiers and a complete stereophonic hi-fi control center on one chassis. Stereo inputs in switched sets including: 2 magnetic phono (one for turntable, one for changer); tape head, preamplified tape, FM-AM stereo tuner, FM-FM

Multiplex, and Auxiliary. Controls: Level with balance check switch and loudness/level switch; bass, treble, six-position mode selector, blend, tape speed, tape monitor, scratch, and rumble. Output: 4, 8, and 16 ohm speaker. Third channel output available. Specifications: IM distortion — 2% at 70-watts. Harmonic Distortion — $\frac{1}{2}$ % at 70 watts. Frequency response — $\pm \frac{1}{2}$ db, 20-20,000 cps. Shpg. wt., 35 lbs.

G-518WX 5.00 Down Net 94.95
As above, but factory wired.
G-519WX 5.00 Down Net 144.95

EICO 12-WATT HI-FI AMPLIFIER . . . PREAMP



Compact, attractively styled amplifier with complete front end facilities and true high fidelity performance. Direct tape head and magnetic phono inputs with NARTB (tape) and RIAA (phono) feedback equalizations. Power output: 12 watts continuous, 25 watts peak. Inter-modulation distortion 1.5% at 12 watts, 0.55% at 6 watts, 60 to 6000 cps. Frequency response: 12-50,000 cps ± 0.5 db at 1 watt; 25-20,000 cps ± 0.5 db at 12 watts. Controls: Selector switch, level control, bass and treble controls. Speaker connections for 16, 8, and 4 ohms. Tubes: (2) ECC83/12AX7, ECC82/12AU7, (2) EL84, E281. Size: 3 $\frac{3}{8}$ Hx12Wx8 $\frac{1}{4}$ "D. Shpg. wt., 13 lbs. With instructions.

G-424 KIT 2.00 Down Net 34.95
HF12 As above, but factory wired.
G-425 5.00 Down Net 57.95

EICO MODEL HF52K 50-WATT AMPLIFIER PREAMPLIFIER CONTROL SECTION



Here is a new high powered, high fidelity amplifier with virtually absolute stability and flawless transient response under load. Pre-amplifier-equalized control section has five equalizations for LP's and 78's including RIAA. Six inputs include four high level switched inputs and two low level inputs. Power output 50 watts continuous, 100 watts peak. Frequency response 15-30,000 cps ± 1 db. Speaker connections for 4, 8, 16 ohms. Size 7Hx14Wx8"D. Shpg. wt., 29 lbs.

0.1 db. Speaker connections for 4, 8, 16 ohms. Size 7Hx14Wx8"D. Shpg. wt., 29 lbs. With instructions.

G-426WX KIT 5.00 Down Net 89.95
HF52 As above, but factory wired.
G-427WX 5.00 Down Net 109.95
E-1 Matching Cover. Shpg. wt., 3 lbs.
G-428W Net 4.50
HF50K Power amplifier kit only. Shpg. wt., 25 lbs.
G-429WX 5.00 Down Net 57.95
HF50 Factory wired amplifier only. Shpg. wt., 25 lbs.
G-430WX 5.00 Down Net 87.95
E-2 Matching Cover. Shpg. wt., 3 lbs.
G-414W Net 4.50

EICO BASIC AMPLIFIER KITS



35-watt power amplifier (70 watts peak). Frequency response 5-100,000 cps ± 1.5 db @ 35 watts. IM Distortion (60 & 7000 cps) 1.5% and harmonic distortion below

1%, 20-20,000 cps ± 1 db both at 35 watts. Hum 90 db below rated output. Speaker taps 4, 8, 16 ohms. 117 volts 60 cps. Size: 7Hx14Wx8"D.

HF35K 35 Watts Power Amp. Kit. Shpg. wt., 25 lbs.
G-412WX 2.00 Down Net 47.95
G-413WX HF35 Wired 5.00 Down Net 72.95
E-2 Matching Enclosure. Shpg. wt., 3 lbs.
G-414W Net 4.50

Five-tube "Ultra-Linear" hi-fi amplifier rated 22 watts continuous. Will handle 4, 8, 16 ohm speakers, including electrostatics. Frequency response ± 1.5 db, 5-100,000 cps @ 22 watts. IM distortion (60 & 7000 cps) 1%, harmonic distortion below 1% from 20-20,000 cps ± 1 db, both at 22 watts. Hum 85 db below rated output. 117 v, 60 cycle. Size: 7Hx14Wx8"D.

HF22K 22-Watts Power Amp. Kit. Shpg. wt., 25 lbs.
G-415WX KIT 2.00 Down Net 38.95
G-416WX HF22 Wired 5.00 Down Net 61.95
E-2 Matching Enclosure. Shpg. wt., 3 lbs.
G-414W Net 4.50

Williamson-type 14 watt (28 watts peak) power amplifier. Frequency response ± 0.5 db, 10-100,000 cps @ 1 watt. Harmonic distortion less than 1% (50-10,000 cps) and IM distortion (60 & 7000 cps) 2%—both @ 14 watts. Hum 9 db below rated output. Speaker taps 4, 8, 16 ohms. Size: 3 $\frac{3}{4}$ Hx12Wx8"D.

HF14K 14 Watt Power Amp. Kit. Shpg. wt., 10 lbs.
G-417 KIT 2.00 Down Net 23.50
G-418 HF14 Wired 2.00 Down Net 41.50
E-6 Matching Enclosure. Shpg. wt., 3 lbs.
G-419 Net 4.50

NEW! EICO RP-100 TAPE DECK KIT



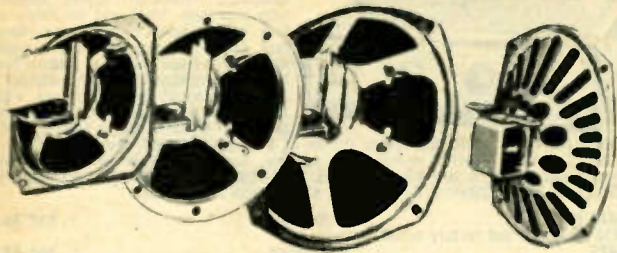
A new, precision stereo/monaural tape deck, the RP-100 provides stereo/mono $\frac{1}{4}$ track erase, record, and playback; plus $\frac{1}{2}$ track stereo/mono playback. Separate record and playback heads and preamps permit simultaneous stereo playback from tape while recording. Sound-on

Sound recordings can be obtained without changing any connections. Features: Dual meters for monitoring stereo record levels and separate line and mic. (dynamic) mixing controls for each channel; SPECIFICATIONS: Tape speed—7 $\frac{1}{2}$ or 3 $\frac{3}{4}$ ips; up to 7" reel size; Flutter and Wow — 0.2% at 7 $\frac{1}{2}$ ips, 0.25% at 3 $\frac{3}{4}$ ips; Frequency response: 30-17,000 cps at 7 $\frac{1}{2}$ ips, 40-15,000 cps at 3 $\frac{3}{4}$ ips; Signal-to-Noise ratio — 53 db, or better. Timing accuracy—0.3%. Dimensions: 15 $\frac{1}{4}$ " wide, 13 $\frac{3}{4}$ " front-to-back, 7" deep. Shpg. wt., 28 lbs.

RP-100K semikit; includes transport completely assembled and tested with 3 heads; stereo record, and stereo playback preamps in kit form.

RK-275WX 10.00 Down Net 289.95
RP-100W Wired and tested with 3 heads. stereo record, playback preamplifiers.
RK-276WX 10.00 Down Net 395.00

Speakers AND Baffles



LAFAYETTE SPECIAL PM VALUES

Fine PM speakers at rock bottom prices. All have 3-4 ohm voice coil except † is 10 ohm. * indicates lighter weight magnet.

Stock No.	Size	Shpg. Wt.	Singly, Each	Lots of 3, Each
SK-61†	1½"	1 lb.	1.49	—
SK-65	2½"	1 lb.	1.49	—
SK-66†	2½"	1 lb.	1.49	—
SK-11*	4"	1 lb.	1.39	1.29
SK-25	4"	1 lb.	1.79	1.59
SK-12*	5"	1 lb.	1.45	1.35
SK-26	5"	1 lb.	1.89	1.69
SK-13*	6"	1½ lbs.	2.09	1.89
SK-27	6"	1½ lbs.	2.39	2.29
SK-14	8"	2¼ lbs.	2.95	2.85
SK-34	10"	4½ lbs.	3.45	3.30
SK-41	12"	5 lbs.	3.95	3.79

OVAL PM SPEAKERS

SK-16	4 x 6	1½ lbs.	2.09	1.99
SK-33	5 x 7	1½ lbs.	2.39	2.19
SK-90	6 x 9	2 lbs.	2.60	2.50

EXTRA HEAVY DUTY 6"x9" PM

This 6"x9" PM has a giant 2.15 oz. Alnico V magnet. Voice coil 3.2 ohm. Shpg. wt., 2½ lbs

SK-17—In lots of 3, each	2.99
Singly, each	3.15

SPECIAL 12 & 8" P.A. SPEAKERS

- 12" FULL 15 WATTS OF POWER • 8" FULL 10 WATTS OF POWER
- HEAVY ALNICO 5 MAGNETS

12" MODEL—Fine quality throughout, these speakers were designed especially for public address work. Will handle 15 watts of power—making them ideal for use singly for medium power systems or in multiples for higher power. Rugged mechanical construction, dust-proofed and rust-resistant. Have 4.64 oz. Alnico 5 magnet, 8 ohm voice coil. Shpg. wt., 5 lbs.

8" MODEL—Ideal for larger scale, lower power paging systems. Same quality as 12" speaker above, but 8" diameter, rated at 10 watts, with 3.16 oz. Alnico 5 magnet, 8 ohm voice coil. Shpg. wt., 3 lbs.



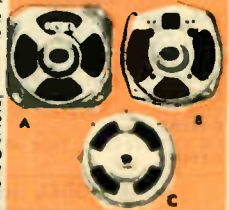
8" MODEL — 3.95

12" MODEL — 4.95

UTAH MICROGAP PM SPEAKERS

Features famous MICROGAP precision in centering of voice coil, giving increased and uniform sensitivity. All heavily cadmium plated and rust proof construction. All with Alnico V magnets and 3.2 OHM voice coils. 3½" and 4" square. * are pincushion ‡ have transformer brackets.

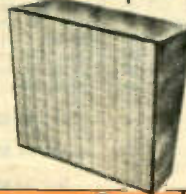
Stock No.	Size In.	Peak Watts	Mag. Oz.	Fig.	Shpg. Wt. Lbs.	Net Ea.
SK-153	3½"‡	3	.75	A	¾	2.32
SK-154	4	5	1.47	A	1	2.62
SK-155	4 x 6	4	1.47	—	.75	3.06
SK-156	5"	5	1.47	B	1	2.70
SK-157	5¼"	5	3.16	B	1¼	3.47
SK-158	5 x 7	8	2.15	—	1¼	3.97
SK-160	6"	8	3.16	B	1½	4.03
SK-161	6 x 9	10	3.16	—	2	5.26
SK-162	8	10	3.16	C	2	5.00
SK-163	12	10	3.16	C	4	7.35



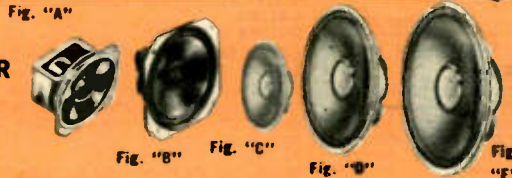
MODERN SPEAKER BAFFLES

Well built plywood speaker baffles for indoor public address and paging systems, intercoms, extension speakers, etc. Frieze-design grille cloth, modern walnut finish.

No.	Description	Singly Each	Lots of 3 Each
SB-10	For 5" or 6"	2.40	2.25
SB-11	For 8"	2.75	2.55
SB-13	For 10" or 12"	4.40	4.20



EXACT REPLACEMENT MINIATURE SPEAKERS FOR JAPANESE TRANSISTOR PORTABLES



- * IDEAL BOTH FOR REPLACEMENT AND MINIATURE BUILDERS
- * FROM ½ TO 3" DIAMETER
- * FROM ONLY 11/16 TO 1¼" OEEP

Lafayette brings you this selection of fine quality Alnico PM speakers both to solve the problem of replacement in the hundreds of models of Japanese transistor portable sets now requiring service and to provide the experimenter with miniature speakers. SK-65 and SK-66 have mtg. holes on 2" centers; SK-61 on 1½" centers. OHMS is Voice coil impedance. Dimensions given are overall.

Stock No.	Shape	Fig.	Diam.	Depth	Ohms	Wt.	Net
SK-61	Square	A	1½"	1½"	10	6 oz.	1.49
SK-109	Round	C	2"	1½"	8	8 oz.	1.49
SK-190	Round	C	2¼"	1½"	8	8 oz.	1.49
SK-191	Round	C	2½"	1½"	8	8 oz.	1.49
SK-65	Square	B	2½"	1¼"	3-2	8 oz.	1.49
SK-66	Square	B	2½"	1¼"	10	8 oz.	1.49
SK-192	Round	D	2¾"	1½"	8	8 oz.	1.49
SK-193	Round	E	3"	1½"	8	10 oz.	1.49

MINIATURE OUTPUT TRANSFORMER

2000 ohm primary to 8-10 ohm secondary only ¾"x¾"x1¼". Weighs only ¾ oz. Suitable for most transistor outputs. Shpg. wt., 3 oz.

Net .69



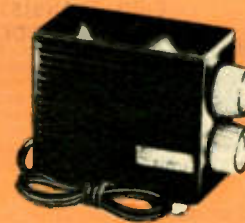
4" PM SPEAKER IN WOOD BAFFLE

- 25-FT. SPEAKER CABLE WITH PLUG • BUILT-IN JACK

An ideal extension speaker, excellent for use in multi-speaker low power paging systems, for intercom systems, as an auxiliary bench speaker in service work, etc. Includes 4" PM speaker with heavy magnet for good efficiency and tone quality, mounted in modern-looking decorative 2-tone walnut and black wood baffle. The baffle has sloping-front and enclosed-back acoustic construction and has a built-in jack for plug-in connection of the 25' cable and plug supplied. Speaker voice coil is 3-4 ohms. Shpg. wt., 4 lbs.

SK-108

Net 3.25; Lots of 3, each 2.95



NEW!
3.88

LAFAYETTE MINIATURE DUO - REMOTE T.V. SPEAKER

- Not Only An Excellent Extension Speaker—Also Provides Remote Control Volume of TV, Radio, Phono or Hi-Fi
- Adjust Volume Of Your Favorite Program From Bed or Chair
- Mount On Wall or Use On Desk or Table
- May Be Used With Set—Only Minutes to Install

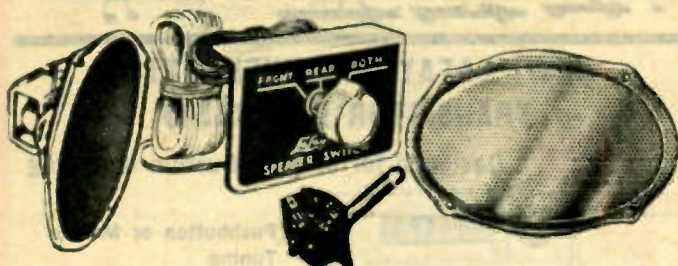
You will be amazed at the number of uses you'll find for this unit. The fine quality of the built-in speaker makes it perfect for use as an extension speaker anywhere in your home or office. It's small size makes it an ideal personal speaker when watching TV or listening to your phonograph. The dual volume controls provide independent volume control of the main speaker from your listening or viewing position or the remote's own self contained speaker. Attractive molded cabinet measures 4Wx2½Hx1¼"D. Complete with 20 ft. of 4-conductor cable. Shpg. wt., 1½ lbs.

SK-145

Net 3.88

AUTO SPEAKER KITS-ACCESSORIES

REAR SEAT AUTO SPEAKER KITS



6" x 9" KIT WITH CHROME OR GOLD GRILLE

Complete kit for adding second speaker in rear of your car. Includes a 6x9" PM speaker, 3-position selector switch for cutting in front, rear, or both speakers; dial plate with mounting bracket, knob, and hardware; chrome or gold grille; wire; and wiring instructions. Simple to install. Shpg. wt., 5 lbs.

SK-94 Speaker kit chrome grille Net 3.45
SK-196 With gold grille Net 4.45

DELUXE 6" x 9" KIT with 2.15 oz. ANICO V MAGNET

Same as above but with deluxe speaker with extra-heavy Anico V magnet (2.15 oz.). This is same speaker used in kits selling at twice the price. Shpg. wt., 5 lbs.

SK-37 Speaker kit chrome grille Net 4.65
SK-197 With gold grille Net 4.65

5" x 7" KIT

Same as SK-94 but with 5x7" speaker and grille. 5 lbs.

SK-42 Chrome grille Net 3.05
SK-198 With gold grille Net 3.05

FADER TYPE AUTO KITS

Rear-seat speaker kits identical to those above except with fader-type controls to cut either speaker in or out or balance both. Shpg. wt., 5 lbs.

SK-55 5x7" kit. Same as SK-42 but with fader control. Chrome grille Net 3.29
SK-199 With gold grille Net 3.29
SK-95 6x9" kit. Same as SK-94 but with fader control Chrome grille Net 3.69
SK-200 With gold grille Net 3.69

DELUXE 6" x 9" FADER KIT

Deluxe kit with extra-heavy-magnet 6x9" speaker, plus fader control. Shpg. wt., 5 lbs.

SK-56 6x9" kit. Same as SK-37 but with fader. Chrome grille Net 4.89
SK-201 With gold grille Net 4.89

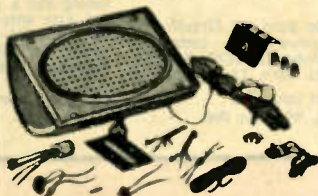
DUAL HI-FI REAR-SEAT SPEAKER KIT



"Universal" speaker kit includes two Anico V units — a 5 1/2" woofer and 3" tweeter with electronic crossover network; chrome grille; and baffle which fits regular 6x9" cut-out; plus pre-wired, pre-soldered, 3-position switch. Kit comes complete with an assortment of adapters and connectors plus a universal harness for easy installation in any car. Shpg. wt., 4 lbs.

SK-116. For Buick 51-58; Chev. 53-58; Chrysler, DeSoto, Dodge and Plym. 49-54 and 57-60; Ford 59; Olds 49-58; Pont. 49-57.
SK-116 Net 10.16
SK-195. For Buick 59-60; Chev. 59-60; Ford and Falcon 60; Olds 59-60; Lark Studebaker 59-60; Pont. 58-60; Rambler 58-59.
SK-195 Net 10.16

UNIVERSAL REAR-SEAT KIT FOR STATION WAGONS



A fully assembled, easy-to-install auxiliary speaker for all station wagons. Single 4x6" Anico V speaker, chrome grille, swivel bracket, 3-position switch with dial plate and knob. Plug-in harness adapters. Comes complete with installation instructions and wiring diagram. Shpg. wt., 3 lbs.

SK-117. For Buick 51-58; Chev. 53-58; Chrysler, Dodge, DeSoto and Plym. 49-60; Ford 46-59; Merc. 46-60; Olds 49-58; Pontiac 49-57; Rambler 56-57.
SK-117 Net 7.50
SK-194. For Buick 59-60; Ford & Falcon 60; Lark Studebaker 59-60; Olds 59-60; Pontiac 58-60; Rambler 58-59; Corvair 60.
SK-194 Net 7.50

AUTO LAMP REPLACEMENT KIT

Original Equipment Replacements

Complete set of lamps to replace burned out auto lamp except headlights. Contains 2 spotlight, Signal, Tail and glove compartment lamp. 2 license plate lamps. 3 small dash lamps. Shpg. wt., 8 ozs.

PL-110 G.M. and Chrysler Prod. 6V Net 2.25
PL-111 G.M. and Chrysler Prod. 12V Net 2.00
PL-112 Ford Products 12V Net 2.10
PL-113 Ford Products 12V Net 2.15

HI-FI REAR SEAT AUTO SPEAKER KITS



- ADD HI-FI LISTENING TO YOUR CAR
- FEATURING 6x9 COAXIAL SPEAKER WITH TWIN TWEETERS

Identical to SK-37 auto speaker kit shown on this page except has hi-fi 6x9" coax speaker instead of single-cone unit. Excellent for music lover who wants quality reproduction. Shpg. wt., 6 lbs.

SK-77 With Chrome Grille Net 8.80
SK-202 With Gold Grille Net 8.80

FADER TYPE AUTO KIT

Coaxial speaker kit (same as SK-77) with fader for flexible control of both front seat and rear speakers and sound balancing. Shpg. wt., 6 lbs.

SK-78 With Chrome Grille Net 9.00
SK-203 With Gold Grille Net 9.00

DUAL-SPEAKER FADER CONTROL



Controls the volume of both front and rear speakers. Gradually reduces volume on one speaker while increasing volume on the other. Control comes completely mounted on black and silver metal plate with ivory pointer knob plus attached wiring for connections to both speakers. With mtg. hardware and instructions. Shpg. wt., 1/2 lb.

MS-187 Net .83

3-WAY SPEAKER SWITCH



For use with two speakers. Three-position switch gives choice of front speaker alone, rear speaker alone, or both together. Comes completely assembled on black and silver metal plate with ivory indicator knob and attached wiring for connection to both speakers. With hardware and simple instructions. Shpg. wt., 1/2 lb.

MS-256 Net .59

CHROME AND GOLD SPEAKER GRILLES



CHROME GRILLES

Handsome perforated metal grilles for rear-seat speaker use or other installations. Avg. shpg. wt., 1 lb.

ML-17 4x6" installation .90
ML-69 5x7" installation .79
ML-18 6x9" installation .99
ML-38 8" installation 1.59

GOLD GRILLES

ML-148 5x7" installation .79
ML-149 6x9" installation .99

AUTOMATIC SIPHON



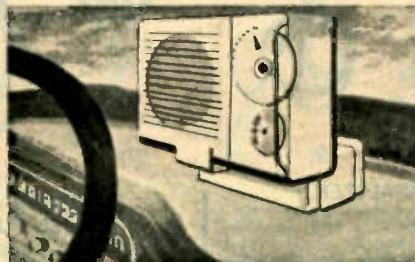
- Outboards
- Generators
- Autos
- Power Mowers

Automatic — safe — simple pump for transfer of gasoline or any liquid. Pump-type siphon works without putting tube to mouth. Just squeeze the bulb to start the flow. Transparent inserts permit view of liquid flowing. Use for any gas engine equipment. Handy in camp—for plumbers—chemical plants—industrials. Shpg. wt., 8 oz.
MD-725 Net 1.39

NEW!

CARDIO-MASTER

- Convert your Transistor Radio into a Car Radio
- For all Makes of Cars—'Cabs — Trucks



Cardio master is a super powerful adjustable permanent magnetic device designed to hold a portable transistor radio in the area of a car's windshield in such a manner as to make it operate as an auto radio. No installation, wiring, additional antennas, or motor suppressors are required. Car's owner can instantly remove a radio from the Cardio master for use as an ordinary portable or to avoid the possibility of theft while the car is parked. Fits any of the "pocket" transistor radios. Holds the radio in the unshielded areas of your car. Magnetic base is specially designed—has a "pull" of 39 to 50 lbs. Will not come loose in the bumpiest roads. Can be installed in any car—even those with padded dash. Includes magnetic base, brackets, hardware, adjustable band and complete, illustrated instructions. Shpg. wt., 2 lbs.

AA-45 Net 2.98

NEW

LAFAYETTE

AUTO RADIOS AM and FM



LAFAYETTE TRANSISTOR-POWERED CUSTOM-DESIGNED CAR RADIO

Easy In-Dash Custom Installation



- No Wider Than a Pencil
- Built-in Hi-Fi Speaker
- High Power Output
- Low Distortion
- Drift-Free Operation

35.98

Now you can have a transistorized radio with in-dash custom mounting at a typical, low Lafayette price. Utilizes space-saving transistors in place of obsolete bulky, power consuming vacuum tubes. Elimination of vacuum tube heat enables a low I.M. distortion percentage and drift-free reception. Powerful wide-range audio output with rich resonant bass response. Designed especially for late model Chevrolets, Fords, Plymouths, and the new compacts. 12 volt only. 6 $\frac{7}{8}$ "x2 $\frac{3}{4}$ "x1 $\frac{1}{4}$ "D. Shpg. wt., 9 lbs.

CR-83	1959-60	Chevrolet	CR-88	1960-61	Falcom
CR-84	1961	Chevrolet	CR-89	1959-60	Ford
CR-85	1960-61	Comet	CR-90	1961	Lark
CR-86	1960-61	Corvair	CR-91	1961	Plymouth
CR-87	1960-61	Corvair	CR-92	1961	Valiant
Any of above			2.00	Down	Net 35.98

NEW! LAFAYETTE PUSHBUTTON TRANSISTOR CAR RADIO

Designed for In-Dash Custom Mounting

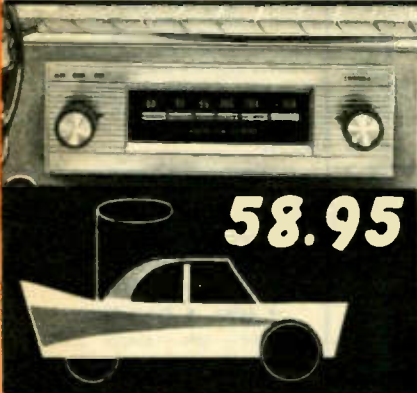


- Pushbutton or Manual Tuning
- Built-in Hi-Fi Speaker
- Slim, Trim and Powerful
- Drift-Free
- Low Distortion

44.88

A new custom-mounted pushbutton radio with all the advantages of modern transistor circuitry: long component life, high shock resistance, low power drain, low heat dissipation, and compactness. No bulky heat generating vacuum tubes. Five-position pushbutton tuning is provided for convenience in locating favorite stations. Wide-range audio output coupled to built-in high fidelity speaker. 12 volt only. 6 $\frac{7}{8}$ "x2 $\frac{3}{4}$ "x1 $\frac{1}{4}$ "D. Shpg. wt., 9 lbs.

CR-93	1959-60	Chevrolet	CR-98	1961	Dodge-Dart
CR-94	1961	Chevrolet	CR-99	1960-61	Falcom
CR-95	1960-61	Comet	CR-100	1960-61	Ford
CR-96	1960	Corvair	CR-101	1959-60	Lark
CR-97	1961	Corvair	CR-102	1961	Lark
Any of above			2.00	Down	Net 44.88



58.95

LAFAYETTE HI-FI FM TUNER FOR YOUR CAR

NOT JUST ANOTHER AUTO FM TUNER! LOOK AT THESE FEATURES!

- Easy Plug-In Installation Converts Your Car Radio To Static-Free Hi-Fi FM
- Program Material Received Free From Noise, Fading And Drifting
- FM Antenna Slips Over Present Auto Antenna, Fastens In A Jiffy

Easy Plug-in installation; Sensitivity of .5 micro volts for 20 db of quieting; Neutralized triode R.F. amp; frame grid tubes used in the front end. Illuminated—Easy to read slide rule dial. Automatic frequency Control plus defeat.

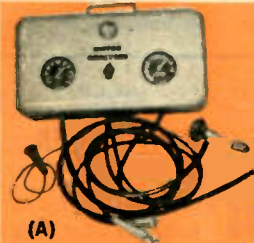
Foster-Seely discriminator; Wide Band FM Circuitry for Hi-Fidelity performance. Self-powered — completely shielded. Has 6 tubes plus 2 diodes: 2-ECC86, 3-12EK6, 1-12AD6, 2-1W541 diodes. Uses car's 12 volt battery

supply to provide low battery drainage and trouble-free operation. 2 $\frac{7}{8}$ "x8 $\frac{1}{4}$ "x7 $\frac{3}{4}$ ". Shpg. wt., 6 lbs.

FM loop antenna features complete rattleproof construction, guaranteed rustproof, chrome-plated brass tubing and a set-screw base which fits over any standard auto antenna mast for instant installation. Covers complete FM frequency range of 88 to 108MC for excellent FM signal reception, as well as improved AM reception. Mast height 29", diameter of loop 16".

CR-24 FM TUNER—For 12 Volt Operation	5.00	Down	Net 58.95
AA-41 Auto FM Antenna Shpg. wt., 1 $\frac{1}{2}$ lbs.			Net 6.75

AUTOMOTIVE TESTING EQUIPMENT



(A)



(B)



(C)



(D)



(E)



(F)

(A) MOTOR ANALYZER

All the advantages of a well-equipped service shop in a light, hand-held package. Ideal for do-it-yourselfers, sports car Rallyers, etc. The Analyzer enables you to test ignition coil output, spark plugs, insulation breakdowns; locates poorly adjusted carburetor, sticky or burnt valves, weak valve springs; checks valve timing, choke, muffler, vacuum tank, manifold, fuel pump vacuum and pressure and vacuum operated equipment. 14Wx7 $\frac{3}{8}$ "x3 $\frac{1}{2}$ "D. Shpg. wt., 5 $\frac{1}{2}$ lbs.

Net 15.95

(B) REMOTE STARTER SWITCH

Eliminates the need of a second man when making compression, fuel pump, generator, starter, and electrical tests. Permits the mechanic to crank the engine from any position. Shpg. wt., $\frac{1}{2}$ lb.

Net 2.59

(C) MOTOR GUIDE-VACUUM FUEL PUMP TESTER

Combination motor guide, vacuum and fuel pump tester, 4 color zones: Economy Driving, Fast Pick-up, Coasting and Idle. Promotes good driving habits and economical gas mileage. Warns when tuneups are necessary. Shpg. wt., 12 oz.

Net 3.75

(D) COMPRESSION TESTER

Gives quick, accurate readings of compression pressure. Merely unscrew the spark plug, plug tester into spark plug hole and read pressure. 2 $\frac{1}{2}$ " dial reads to 300 lbs. Stem is offset 15° for reaching back cylinders. Complete with instructions. Shpg. wt., 12 oz.

Net 3.75

(E) STANDARD TIMING LIGHT

Employs the stroboscopic principle of light synchronized with motion for adjustment and setting of ignition timing under actual operating conditions. Shpg. wt., 1 lb.

Net 3.25

(F) TACHOMETER

Here's the instrument for the most important check of an engine's performance: the RPM test. Tests 4, 6 and 8 cylinder engines with both 6 and 12 volt systems. Operated by two inexpensive penlight batteries which last about a year. Large dial reads 0-1000 and 0-5000 RPM. Shpg. wt., 2 $\frac{1}{2}$ lbs.

Net 28.50

MOTOROLA THE MOST COMPLETE LINE OF CAR RADIOS

MOTOROLA FOREIGN CAR RADIOS A

- Transistor Powered
- Custom Installation
- Perfect for Sports Cars

FOR 12 VOLT SYSTEMS

Compact radio sets that are ideal for custom underdash or in dash installation. "Golden Transistor" circuit employs 2 transistors and 3 tubes. "Volumatic" constant level output eliminates fading and distortion. Antenna Band Pass Filter rejects adjacent signals. Size 6 7/8" Wx 2 1/2" Hx 7 1/4" D. Shpg. wt., 6 lbs. CR-26 Model 310X for 12 volt negative ground systems. 2.00 Down. Net 39.95 CR-27 Model 311X for 12 volt positive ground systems (in many foreign cars) 2.00 Down Net 39.95

FOR 6 VOLT SYSTEMS

Similar to Model 310X but has 4 tubes and 2 transistors and is for 6 volt systems—reversible polarity. Less trim plate. Shpg. wt., 6 lbs. CR-28 2.00 Down Net 39.95

UNIVERSAL MANUAL TUNING AUTO RADIOS WITH OVAL PM SPEAKERS B

- Golden Transistor Circuit
- Transistor Powered
- Volumatic Level Control
- Low Battery Drain—1.4 Amps.
- 2.8 Watts of Audio Output

A powerful in-dash mounted car radio employing 2 transistors and 4 tubes. Variable tone control and automatic volume and gain controls. A 6x9" external oval, Golden Voice speaker is provided. Size 6 7/8" Wx 2 1/2" Hx 5 1/4" D. For 12 volt systems. Shpg. wt., 7 lbs.

CR-10 Model 10MX 5.00 Down Net 54.95
Similar to above, but with 5x7" external speaker. For 6 volt systems—reversible polarity. Shpg. wt., 9 lbs.
CR-11 Model 10M 5.00 Down Net 54.95

TRANSISTOR-POWERED PUSHBUTTON RADIO FOR FOREIGN AND SPORTS CARS C

This new pushbutton radio has been designed for foreign and sports cars. Mounts in the dash or installs under dash . . . in minutes. Full variable tone control, volumatic constant volume level between stations. Eliminoise circuitry and fast push button tuning. Transistor powered for low battery drain with 2 transistors and 3 tubes plus 7 tuned circuits. Supplied with 5x7" speaker. Size: 6 7/8" Wx 2 1/2" Hx 7 1/4" D. For 12 volt cars. Shpg. wt., 8 lbs. CR-22 5.00 Down Net 54.95



Consult This Chart To Determine Which Sets Fit American Cars, Sports Cars and Foreign Cars.

This chart shows the make and model of all cars for which Motorola Car Radios are available. The "Use Set" Column shows the Stock Number of Radios Listed on this page. Use this stock number when ordering. Also show your make, model and year and voltage of your car. *SPECIFY VOLTAGE!

Make and Model	Use Set	Make and Model	Use Set	Make and Model	Use Set
CITROEN * (1D-19 DS-19) 6V	CR-28	KARMANN-CHIA V.W. 1958-60	CR-28	RILEY 1957-60	CR-22
CORVAIR 1960	CR-26	MERCEDES BENZ 1958-60	CR-22	SAAB 1957-60	CR-26
DAF 1959-60	CR-28	M.G. MAGNETTE M G A 1957-60	CR-22	SIMCA ARONDE 1958-60	CR-10
DATSUN 1959-60	CR-22	MORRIS MINOR 1957-60	CR-22	SIMCA ARONDE 1300 1958-60	CR-26
DAW 1956-60	CR-11	OPEL 1957-60	CR-11	STUDEBAKER LARK 1959-60	CR-10
DODGE-DART 1957-60	CR-10	PEUGEOT 1958-1960	CR-22	SUNBEAM RAPIER 1957-60	CR-22
ENGLISH FORD All Models 1957-60	CR-22	PONTIAC 1957-60	CR-10	TAUNUS 1958-60	CR-28
FALCON 1960-61	CR-10	PORSCHE 1957-60	CR-11	TRIUMPH (TR3) 1958-60	CR-22
FIAT (600-1100) 1957-60	CR-22	PLYMOUTH 1956-60	CR-10	VAUXHALL 1958-60	CR-22
FORD 1956-61	CR-10	RAMBLER 1959-60	CR-10	VOLKSWAGON 1952-60	CR-11
HILLMAN MINX 1957-60	CR-22	RENAULT DAUPHINE* 6 Volt 1955-58	CR-20	VOLKSWAGON BUS 1952-60	CR-11
JAGUAR 1957-60	CR-27	RENAULT DAUPHINE* 12V 1958-60	CR-10	VOLVO PV-444 PV-544 1957-60	CR-11
ALFA-ROME0 1956-50	CR-22		CR-26		CR-28
ARNO T BRISTOL 1955-50	CR-22				
AUSTIN HEALY 1957-50	CR-27				
B M W 1957-50	CR-26				
BORG WARD 1957-50	CR-11				
BRISTOL 1957-50	CR-28				
BUICK 1954-60	CR-10				
CHEVROLET 1955-60	CR-10				

LAFAYETTE INTRODUCES THE NEW MOTOROLA

HI-FI ON THE HI-WAY



FM-900 CAR RADIO

All the Performance and Features of the Finest FM Tuner!

125.00

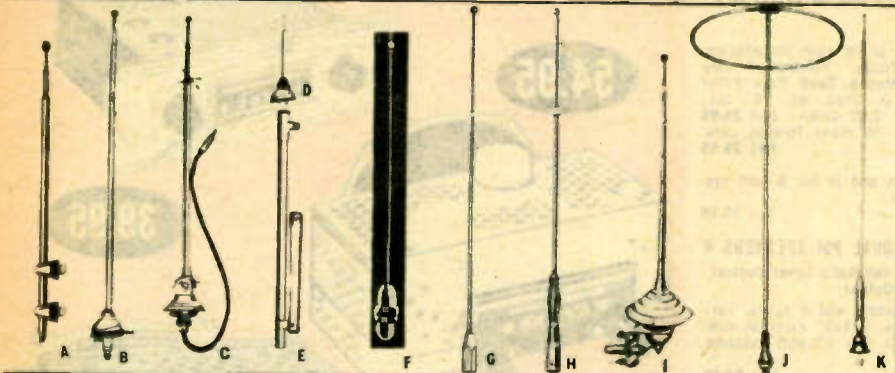
- TRUE HI-FI PERFORMANCE . . . frequency response 50 to 10,000 cps. . . 15 watt peak output.
- STATIC FREE RECEPTION . . . noise effects of lightning and powerlines are screened out.
- 6 3/4" GOLDEN VOICE SPEAKER . . . extra large 4.7 oz. Alnico 5 magnet for increased power handling capacity and magnificent tonal quality.
- NEW TRANSISTOR DESIGN FOR UNEQUALLED PERFORMANCE . . . 3 power transistors plus 7 tubes . . .

- battery drain less than half that of conventional auto radios. Other quality circuit features include: 12 tuned circuits, automatic gain control, dual limiters plus tuned RF stage.
- AUTOMATIC FREQUENCY CONTROL . . . furnishes virtually drift free reception.
- SEPARATE TONE CONTROL . . . fully variable from the deepest bass to sparkling clear treble.
- BUILT-IN REAR SEAT SPEAKER CONTROL

- CONVENIENT UNDER-DASH INSTALLATION . . . only 2 1/4" high . . . may be used in any 12 volt domestic automobile built since 1955, or in any other 12 volt vehicle with a negative ground ignition system, including trucks and boats.
 - SPECIAL ANTENNA IS NOT REQUIRED . . . although it operates as a completely independent from your AM radio, both sets can utilize the same antenna.
- CR23WX Shpg. wt., 12 lbs. . . 5.00 down. . . Net 125.00

Auto Radio Antennas and Accessories

NEW LOW COST AUTOMOBILE ANTENNAS
ALL ANTENNAS CONSTRUCTED OF CHROME PLATED BRASS



STANDARD SIDE COWL (A)

3 section antenna measures 23" collapsed, and extends to 57½". Mounts with two polystyrene stand-off insulators. Complete with detachable 54" lead. Shpg. wt., 1 lb.
AA-12 Net 2.19

TOP COWL MOUNT (B)

3 section antenna measures 23" collapsed, and extends to 58". Mounts on polyethylene insulator. Shpg. wt., 1¼ lbs.
AA-21 Net 1.89

UNIVERSAL MOUNT AERIAL (C)

Can be mounted anywhere on car. Adjusts to any angle. 3 section, measures 24" collapsed, extends to 58". Complete with 54" lead. Shpg. wt., 1¼ lbs.
AA-22 Net 2.59

DISAPPEARING ANTENNA (D)

For concealed installations. Extends to 53". Fully collapsible—only mounting protrudes. 54" permanent lead. Shpg. wt., 2 lbs.
AA-24 Net 2.85

LO-BOY DISAPPEARING ANTENNA (E)

For 'shallow installations, foreign and sports cars. Takes only 9½" below fender or deck. Extends to 25", collapses to 3½". 36" permanent lead. Shpg. wt., 1 lb.
AA-47 Net 2.10

ELECTENNA (F)

Replacement antenna and coil. Measures only 17" long. Increase gain over standard 54" antenna by up to 100%. Installs quickly and simply. Shpg. wt., 1 lb.
AA-31 Net 2.97



COILTENNA

Boosts performance of present antenna up to 400%. Quickly and easily installed. Fits all cars. Shpg. wt., 6 oz.
AA-32 Net 2.37

THE AUTO BARO-ALTIMETER

- SHOWS CHANGES IN ALTITUDE WHILE DRIVING
- FORECASTS WEATHER

5.95



Accurately forecasts tomorrow's weather today (by barometric pressure) and indicates your exact altitude while you drive along. Meter reads altitude from —400 to 10,000 feet above sea level, housed in durable vibration-proof plastic case. The Baro-Altimeter comes complete with mounting bracket, installation and operation instructions. Also included is a handy chart which converts all numerical barometric changes, into the coming day's weather forecast.
F-483 Net 5.95

REPLACEMENT ANTENNA STAFF (G)

3 section 58" replacement staff. Telescoping staff replaces antenna lost through accident or vandalism. Mounts on stub of broken antenna. Simple hex nut screw mount. Shpg. wt., 8 oz.
AA-30 Net .99

SPRING BACK REPLACEMENT STAFF (H)

One piece, stainless steel, spring mounted replacement staff. 28½" long overall. Mounts over stub of old antenna. Fits all cars. Simple set screw installation. Shpg. wt., 8 oz.
AA-40 Net .99

HOT-ROD AERIAL (I)

4-section, extends to 108" from 35" collapsed. Has shock absorbing solid rubber mount, red tenite static ball, red ceramic insulators. For rear mount on fender or under trunk door. With 15 foot polyethylene cable. Shpg. wt., 3 lbs.
AA-23 Net 4.98

FM "HALO" ANTENNA (J)

Doubles reception power of FM signals; gives superior AM reception. 16" diameter loop of aluminum flat wire. 29" high—chrome plated brass. Shpg. wt., 1½ lbs.
AA-41 Net 6.75

"FLEX-O-MATIC" UNIVERSAL ANTENNA (K)

Heavy-duty, bounce-back, spring mount. Fully adjustable—mounts anywhere. 3 sections, 56" extended, 24" collapsed. 54" detachable lead. Shpg. wt., 2 lbs.
AA-48 Net 4.05

ADAPTERS—JACKS—PLUGS—CONNECTORS

MS-411—(A) Adapter converts Motorola to Delco fitting Net .09
MS-412—(B) Motorola jack Net .13
MS-413—(C) Motorola plug Net .08
Antenna connector (D) Spring-loaded. Use between lead-in and auto radio.
MS-414 Net 1.10

UNIVERSAL 6 & 12 VOLT VIBRATORS

AS LOW AS .95

All types may be assorted for quantity prices.
Direct replacements for most popularly-used types. All brand new factory-fresh stock. Made by leading national manufacturers. Fully guaranteed. Shpg. wt., ½ lb.



STOCK NO. MS-14 6-VOLT 4-PRONG
Replaces MALLORY 294, 859, 901M, Radiart 5300, 5301; and many others.

STOCK NO. MS-127 12-VOLT 3-PRONG
Replaces Buick, Olds, Pontiac and GM part no. 122-0155; Mallory G874, CD 6330, Delco 8550; and Vokar 3129.

STOCK NO. MS-128 12-VOLT 4-PRONG
Replaces Mallory G859, Motorola 48522000, Philco and Mopar 83-0025-1, AYR 1340, Vokar 4124; and most later 12-volt car-radio vibrators.

Lots of	1-4	5-9	10-24	25-99	100
Net ea.	1.29	1.19	1.09	.99	.95



Lafayette

HOT CAR-GO

Starts Your Car INSTANTLY

- Starts Wet or Cold Motors Instantly
- Saves Battery and Gasoline
- Installs Easily and Quickly
- 6 and 12 Volt Cars

Avoid excess wear and tear on your motor and battery—Install Lafayette's Hot Car-Go. Provides 5 times the normal spark for fast starting in any weather, and automatically disconnects when engine is running. Will not damage plugs or distributor. Simple to install—Instructions included. Shpg. wt., 1 lb.
MS-784 Net 3.49

MALLORY REPLACEMENT VIBRATORS

Replacements for all popular sets, Consult "Mallory Vibrator Guide" for correct replacement unit, Mallory Vibrator Guide. Free with order for Mallory Vibrators.
VB-58 Net .15

Stock No.	Type No.	Net Each	Stock No.	Type No.	Net Each
32 VOLTS					
VB-10	F294	4.20	VB-33	743	4.53
VB-11	*F826S/F826C	4.55	VB-34	748	4.53
12 VOLTS					
VB-59	G294	5.03	VB-36	854	4.06
VB-42	1513/4513	4.06	VB-37	870	2.88
VB-49	1752	5.70	VB-38	903M	2.12
VB-12	G1501/G4501	4.06	VB-39	954	4.53
VB-13	G1601/G859	2.76	VB-40	1501/4501	3.70
VB-14	G1602/G883	2.76	VB-41	1512/4512	4.06
VB-15	*G1603S/G826C	4.53	VB-42	1513/4513	4.06
VB-16	G1801/G4549	5.03	VB-43	1514/4514	4.06
VB-17	*G1801S/G725C	5.85	VB-44	1601/859	2.76
VB-18	*1802S/G749C	5.85	VB-45	*1603S/826C	3.70
VB-19	*G1803S/G567C	5.85	VB-46	1604/1100	2.88
VB-20	G1807/G4548	5.03	VB-47	1701	5.65
VB-21	G1808/G4546	5.03	VB-48	1751	5.76
24 VOLTS					
VB-22	M1501/M4501	4.06	VB-49	1752	5.70
2 VOLTS					
VB-23	T4002	6.29	VB-50	1801/742	4.53
VB-24	T4003	5.76	VB-51	1801/4549	4.53
4 VOLTS					
VB-25	W1601/W859	2.88	VB-52	*1801S/725C	5.03
VB-26	W1802/W759	4.85	VB-53	1802/245	4.53
6 VOLTS					
VB-27	247	4.53	VB-54	1806/576	4.53
VB-28	273C	5.38	VB-55	1807/4548	4.53
VB-29	294	2.80	VB-56	1808/4546	4.53
VB-30	298	3.73	VB-57	1852	5.72
VB-31	509P	2.44			
VB-32	716	4.53			

* Hermetically sealed. † 130 cycles.

AUTOMOTIVE ACCESSORIES



Replacement Lead (G). 54" universal lead. Shpg. wt., 1 lb.
AA-37 Net 1.35

Universal Extension Lead.

AA-38 24 inches Net .65
AA-39 36 inches Net .75

Noise Suppressor Kits (H). For all 6-cylinder cars. Includes sparkplug suppressors, distributor suppressor, generator and light or ammeter capacitors. With instructions. Shpg. wt., 6 oz.

MS-418 Net 2.65
MS-419 for 8-cylinder cars Net 3.06

TRANSISTORIZED POWER SUPPLIES · CONVERTERS · CHARGERS · ACCESSORIES

terado D.C. TO A.C. CONVERTERS



These are small, convenient power units used for converting 6 or 12 volts D.C. to 110 A.C. for operating electrical appliances that work on 110 A.C. only. Units are equipped with cigarette lighter plug-in, or direct connection to car battery in the case of the larger wattage converters. Choice depends on maximum load of equipment operated—such as electric shavers, radios, phonos, tape recorders, small power tools, mixers and blenders, etc. Special "hash-free" filtering in all units, except 50103 for auto shaver.

Stock No.	Type	Input DC Volts		Watts		Size	Wt. Lbs.	Net
		6	12	Contin.	Interm.			
CV-11	50102	6	10	15	20	2 x 3 x 4"	2	9.12
CV-12	50103	12	15	20	20	2 x 3 x 4"	2	5.12
CV-13	50115	6	35	40	40	2½ x 2½ x 4½"	3	15.66
CV-14	50116	12	40	50	50	2½ x 2½ x 4½"	3	15.66
CV-15	50126	6	60	75	75	4 x 5 x 6"	8	32.65
CV-16	50127	12	75	100	100	4 x 5 x 6"	8	32.65
CV-18	50137	6	75	100	100	4 x 5 x 6"	9½	45.73
CV-19	50138	12	100	125	125	4 x 5 x 6"	9½	45.73
CV-17	50134	12	85	110	110	4 x 5 x 6"	9	37.88
CV-20	50153	12	175	200	200	5 x 5 x 11"	22	71.87

"SPORTSMAN" POWER CONVERTER

Now you can have home electricity right in your car, boat or tent. The "Sportsman" converter changes D.C. from the battery to the identical kind of electricity you get at home. Complete with a 20-ft. cord and a convenient on-off switch for easy control. Ideal for sportsmen, campers, hunters—101 different uses. Shpg. wt., 4 lbs.

CV-24	6 volt, 32/42 watts	2.00 Down	Net 20.88
CV-25	12 volt, 42/52 watts	2.00 Down	Net 20.88

SUPER CHARGER

A ten ampere taper charger, for 6 or 12 volt batteries. Charges 12 volt battery in 5 hours. Full wave silicon rectifier circuit. Includes charge indicator meter, 8' heavy duty AC cord, overload circuit breaker. Connects directly to battery, or plugs into cigarette lighter socket. Size: 3x5x6". Shpg. wt., 7½ lbs.

CV-22 Model 50181 2.00 Down Net 27.40



NEW TERADO HI-POWER CHARGER

A five ampere taper charger, to charge 2-12 volt batteries overnight. Full wave circuit contains 2 silicon rectifiers. Includes charge indicator light, 8' AC cord. No installation—plugs into cigarette lighter socket. Size 2½x2½x4½". Shpg. wt., 3 lbs.

CV-21 Model 50180 Net 13.69

NEW! TERADO DYN-A-MITE BATTERY CHARGER

- For All 6 & 12 Volt Batteries • Recharges Your Run-Down Battery
- Operates on Regular Household Current • Cuts Off Automatically

Recharges run-down batteries—safe 1 amp charge rate automatically cuts off when battery is fully charged. Keeps battery at full power. Size 1¾x1½x3¾". Shpg. wt., 1 lb.

List 8-95
5.78
CV-23 Net 5.78

TERADO QUIK-SHAVE

- Cut Shaving Time in Half • Lengthens Shaver Life

Any shaver, new or old, gives superior performance with QUIK-SHAVE, which changes household AC electricity into jet powered DC. Lengthens shaver life. Up to 88% more cutting power for faster, closer, more comfortable shaves. Plug QUIK-SHAVE into wall outlet, attach shaver cord, and shave twice as fast!

USE QUIK-SHAVE WITH NORELOK, SHICK, SUNBEAM, REMINGTON, AND ALL POPULAR AC/DC ELECTRIC SHAVERS. U.L. Approved. Shpg. wt., 8 ozs.

CV-10 Net 4.49

CORNELL-DUBILIER CONVERTERS

A handy device that enables you to use most of your electrical conveniences away from 110V, AC sources. Uses car or boat battery by plugging into cigarette lighter outlet or line direct to battery or to your 110V, DC source and converts your 6V, 12V or 110V source to 110V, AC, at power ratings (WATTS) given below. Suitable for shavers, radios, TV sets, small power tools; contains noise suppressor.

Stock No.	Model	DC Input		Watts		Size	Wt. Lbs.	Net
		6	12	Cont.	Inter.			
CR-35	6SP2	6	25	20	20	2½x3¼x2¾"	3	7.88
CR-36	12SP2	12	30	25	25	2½x3¼x2¾"	3	7.88
CR-37	110LMS	110	70	60	60	3x4¼x3½"	5	16.76
CR-44	12LM4	12	50	40	40	3x4¼x3½"	5	14.08
CR-45	12L8	12	100	80	80	6¼x8x5½"	13	26.43
CR-46	12H15	12	175	150	150	7½x11x6½"	22	58.51

SCHAUER BATTERY CHARGERS

MODEL A3, 4-AMP CHARGER This is one of Schauer's smaller but highly efficient units that will recharge most batteries overnight. Definitely not a midget type, but built with quality components for dependable performance. The 4 amp. charge rate tapers to approximately 2 amps as battery becomes fully charged. Size 4¼x4¼x6¼". Shpg. wt., 4 lbs.



FIG. A.

MS-701 For 6V batteries Net 9.11

MODEL B3, 6-AMP OVERNIGHT CHARGER

Will charge the average run down battery in 7-9 hours. Delivers 6 amps to charge 6 volt battery. Has ammeter to indicate exact rate of charge. Size 6¼x6¼x7¼". Shpg. wt., 8 lbs.



FIG. B.

MS-702 Model B3 for 6V batteries Net 13.03
MS-703 Model B312 same as above but for 12V batteries Net 16.28

MODEL K312, 12V ECONOMY CHARGER

A small, efficient, low priced unit for charging 12V batteries at a 3 amp. rate. Built according to Schauer's high standard of quality of components and engineering. Size: 4¼x4¼x6¼". Shpg. wt., 4½ lbs.

MS-704 For 12V batteries (FIG. A) Net 9.77

MODEL C3, 10-AMP HEAVY DUTY CHARGER

This model will recharge the average battery in 6 hours or less. Ideal for heavy-duty batteries on trucks, tractors, etc. Charging rate tapers to a safe finishing charge. Has meter. Size 6¼x6¼x7¼". Shpg. wt., 10 lbs.

MS-705 Model C3 for 6 volt batteries (FIG. B) Net 17.61
MS-706 Model C312 same as above but for 12 volt batteries Net 21.53



MODEL A-8410 CHARGER PLUG FOR CAR
Permits charger to be plugged into convenient cigarette lighter receptacle. A real convenience.

MS-707 Model A-8410 For 6v cars Shpg. wt., 8 oz. Net 1.15
MS-708 Model A-8412 For 12v cars Shpg. wt., 8 oz. Net 1.15

CHARGE TIMER—Model A-5642

Permits leaving the charger on over long periods of time, unattended. Contains a timer which can be set for any period up to 12 hours. The battery can be left on charge; at the end of the selected period charge shuts off, and low-rate trickle charge is introduced to maintain battery in fresh condition until disconnected. Will not harm battery. Shpg. wt., 1 lb.

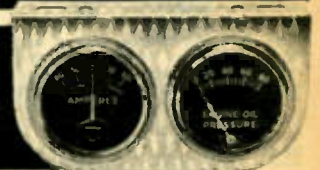


MS-712 2.00 Down Net 20.75

THESE ARE THE GAUGES DETROIT LEFT OUT!

Lafayette AMMETER & OIL PRESSURE GAUGES

4.65



DON'T trust flashing indicator lights—a burned out bulb can ruin your motor or strand you with a dead battery. All cars with warning lights for oil and battery need these precision gauges. Lights only indicate when oil pressure falls below 15 lbs. or whether or not the generator is working. These Lafayette gauges are not a replacement but an addition to the panel lights and are designed to keep a constant check on the condition and performance of your car's electrical and oil pressure systems. The ammeter calibrated in a 60-0-60 scale measures the actual rate of current flow... helps prevent generators from burning out and overcharging or discharging the battery. Exact oil pressure from 0 to 80 lbs. is indicated by the calibrated oil pressure gauge thus assuring safe engine operation. Easily installs in any 6 or 12 volt car below the dash, without drilling or can be mounted right in the dash. Both meters are mounted in an attractive chrome panel. Easy to read meters feature 1¼" diam. black dial fires with calibrations in white. Size: 5¼x2¼x2¼"D. Supplied with all necessary fittings and wire plus full instructions. Shpg. wt., 1¼ lbs.

MS-788 Net 4.65

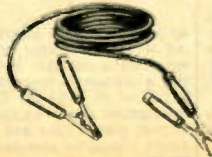
ILLUMINATED TYPE

Same as above, but gauges are illuminated. Supplied with lamp sockets and both 6 and 12 volt bulbs. Shpg. wt., 1½ lbs.

MS-792 Net 6.95

BATTERY BOOSTER CABLES

Standard equipment for starting stalled cars, charging batteries, etc. Made with heavy duty, flexible rubber-covered cable. Rugged copper-clad positive action grips identified by Black and Red heavy vinyl covered handles. Shpg. wt., 3 lbs.



MS-766 8 ft. long, set of 2 Net 1.78

MS-767 12 ft. long, set of 2 Net 2.25

MS-491 12 ft. long, 6 gauge copper cable Net 3.15

MS-492 Battery Booster Clip only (specify Red or Black) Net .49

MICROPHONES FINE QUALITY AT HISTORY MAKING PRICES

HIGH QUALITY TOP NOTCH



CRYSTAL MICROPHONE

COMPARE IT WITH ANY MIKE AT 2 TO 3 TIMES THE PRICE

3.95

Lafayette makes history with a high quality CRYSTAL MICROPHONE at a price that is 60% less than any comparable Crystal Microphone on the market today. Excellent for PA systems, home recorders and general applications. Frequency response 30 to 10,000 cycles. Output level—52 db. provides ample output for use with low gain amplifiers. Uses quality moisture sealed crystal; Die cast case in rich green baked enamel finish, with chrome grill. Completely equipped with 5 feet of shielded cable. Mike may be used on any stand with $\frac{5}{16}$ "-27 thread. Grill diameter $2\frac{3}{4}$ ", depth $4\frac{1}{4}$ ", height $4\frac{1}{2}$ ". Shpg. wt., $3\frac{1}{2}$ lbs.

PA-24 Net 3.95

SLIM CRYSTAL MICROPHONE

NEW!



CRYSTAL MIKE ON STAND

3.95

A slim crystal microphone for desk top or hand-held use that is uniquely designed for universal application, smartly styled and attractively finished. Changes in temperature and humidity do not affect its efficiency, nor does increasing the cable length increase noise or change frequency characteristics. Ingenious swivel mounting permits horizontal and vertical rotation for most convenient angle of use. Microphone easily removed from base for holding in hand. Microphone, base, grill and all fittings are chrome finished. Has a wide range smooth frequency response and an omni-directional polar pattern. Built-in locking type on-off slide switch. Microphone is only 5" long x 1" max. dia. Shpg. wt., 2 lbs.

PA-45 Microphone Complete with Stand Net 3.95

NEW! STUDIO DYNAMIC MICROPHONE IDEAL FOR HOME, OFFICE OR BROADCASTING STUDIO USE

11.95

- FREQUENCY RESPONSE 50-11,000 cps. • HIGH IMPEDANCE 50,000 OHMS
- HIGH OUTPUT



A revelation in microphone value, this high quality omni-directional dynamic microphone provides features found in microphones selling for many times the price. Employing a unique swirl ridged aluminum diaphragm completely sealed and gasketed against high humidity and temperature conditions, the PA-49 proves ideal for a wide variety of applications, such as tape recording, church, choral troupes and theatrical use. The 360° stirrured shaped bracket provides for mounting with any $\frac{5}{16}$ "-27 thread floor, desk stand or boom mount. Finished in an attractive gunmetal grey the microphone is supplied with $4\frac{1}{2}$ ' shielded cable. Shpg. wt., 1 lb.

PA-49 STUDIO DYNAMIC MICROPHONE Net 11.95

STUDIO CRYSTAL MICROPHONE

- DUAL CRYSTAL CARTRIDGES
- ALL DIRECTIONAL
- FINE QUALITY
- HIGH OUTPUT



4.95

Here is a microphone with a 360° pickup, and the added power and sensitivity of two individually shock mounted and phased crystal cartridges. This arrangement assures you of maximum pickup from all sides. Swivel mounted to give fuller flexibility. Case is chrome plated. Standard $\frac{5}{16}$ "-27 thread. Overall size 7Hx3"W complete with 4 ft. cable. Shpg. wt., 4 lbs.

PA-17 Net 4.95

NEW "DYNA-SLIM" MICROPHONE

- HIGH IMPEDANCE — 50,000 OHMS
- ON-OFF SWITCH
- "QUICK-SLIP" ADAPTER

6.95

New dynamic, high output microphone with all the features of "mikes" costing 3 times Lafayette's priced Output level —55 db. Smooth response from 60 to 10,000 cycles. Omnidirectional head. External on-off switch. Slips on or off stand adapter in a wink. Standard $\frac{5}{16}$ " — 27 adapter permits tilting mike for multi-angle use. Satin black and chrome finish. Complete with detachable cable and connector. 8" long, $1\frac{1}{4}$ " max. dia. tapered barrel 7". Shpg. wt., 2 lbs.

PA-43 Net 6.95



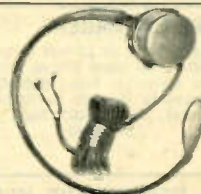
NEW! CRYSTAL THROAT MICROPHONE

1.95

- HIGH SENSITIVITY—HIGH OUTPUT • FOR USE WITH ANY AMPLIFIER OR TRANSMITTER WITH CRYSTAL MIKE INPUT • IDEAL FOR AIRCRAFT, AMATEUR, INDUSTRIAL COMMUNICATIONS, AUCTIONS, PITCHMEN, CARNIVALS, SALESMEN • COMPLETE WITH NECKSTRAP — LEAVES HANDS FREE!

A crystal throat microphone with a myriad of uses! Its high sensitivity and high output permits its use with any standard high impedance crystal microphone input. Its relatively wide frequency range provides a high degree of intelligibility for voice in public address or communications work. Requires no special power supply as do carbon-type throat mikes. Complete with flexible neckband and flexible $5\frac{1}{2}$ ' cable (less connector). Shpg. wt., $\frac{1}{2}$ lb.

PA-14 Net 1.95



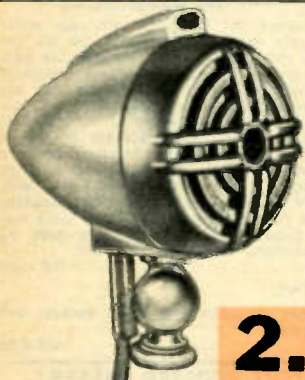
NEW TOP QUALITY CRYSTAL MIKE

A LAFAYETTE SCOOP!

2.95

A new, attractively styled crystal microphone for all general applications such as public address and home recording—at a history making low price! Frequency response 30-10,000 cycles. Output level—52 db. Tilting head, attractive plastic case. Can be used on any stand with $\frac{5}{16}$ "-27 thread. Completely equipped with 5 ft. plastic covered shielded cable. Grill diam. $2\frac{1}{4}$ ", depth $3\frac{1}{2}$ ", height 4". Shpg. wt., 2 lbs. One of the best buys in the country!

PA-42 Net 2.95



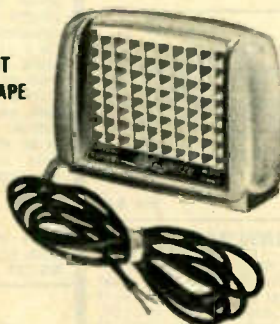
NEW HI-IMPEDANCE CRYSTAL MIKE

- EXCEPTIONAL PERFORMANCE AT AMAZINGLY LOW PRICE
- IDEAL REPLACEMENT MIKE FOR TAPE RECORDERS

2.95

An attractive high quality microphone that is outstanding for tape recorder as well as countless applications requiring a reliable hi-impedance crystal microphone. Has a frequency response of 30-10,000 cps and an output level of —51 db. Can be used as very neat desk microphone or can be conveniently held in hand. Housed in neat plastic case and is supplied with 8 foot flexible, single conductor shielded cable. $3\frac{1}{2} \times 2\frac{1}{4}$ ". Shpg. wt., 1 lb.

PA-73 Net 2.95



NEW! HAM, CITIZEN BAND AND RECORDING CRYSTAL MIKE

3.95

- PUSH-TO-TALK SWITCH FOR OPERATING CONVENIENCE



Extremely versatile, high output crystal microphone featuring ultra smart design with attractive chrome grille. Lightweight metal case in metallescent finish. Slide switch: MIKE ON and PUSH TO TURN MIKE ON. For amateur, shortwave and citizen band stations as well as for Intercom and recording. Has removable bracket to facilitate hanging microphone on side of equipment; fits snugly in palm of hand. Response 60-9000 cps. Output, —44 db high impedance. $3\frac{1}{4} \times 2\frac{1}{4} \times \frac{7}{8}$ " Shpg. wt., 1 lb.

PA-76 Net 3.95

MICROPHONES · SAVE FROM 50% TO 75%

REG. VALUE ~~49.50~~
ONLY 11.95



**NEW!
 DUAL IMPEDANCE
 SLIM DYNAMIC
 MICROPHONE**

- RUGGEDLY CONSTRUCTED
- ON-OFF SWITCH
- 600 & 50,000 OHM IMPEDANCES SELECTED BY SIMPLE ROTATION OF PLUG

Beautiful, professional-looking dynamic with solidly-cast, tapered, slim case with satin-chrome finish. Heavy duty slide-type on-off switch. Built-in transformer supplies dual unbalanced impedances—low Z is 600 ohms, high Z is 50,000 Ohms. Swivel mount fits all standard 3/8"-27 threaded stands. Blast filter eliminates unpleasant "pops" with voice use. Omnidirectional when used vertically—cardioid pattern when tilted. Engineering design and finish are of the highest quality, making this microphone excellent for any application. Complete with 5 ft. plug-in cable. Shpg. wt., 2 1/2 lbs.

PA-46

Net 11.95

ARGONNE ALL-PURPOSE DYNAMIC MICROPHONE

- IDEAL FOR TAPE RECORDING, PAGING, COMMUNICATIONS
- DUAL IMPEDANCE—250 & 50,000 OHMS
- USABLE RESPONSE 50-18,000 CPS
- FOR HAND-HELD, DESK OR FLOOR STAND USE

Here is a flexible dynamic microphone with characteristics suitable for almost any application. Ruggedly constructed, with tapered cast-metal body and removable base for desk use. Mounts to the base by means of a 360° swivel adjustable ball joint and fitted with an adapter for standard 3/8"-27 floor stand. **SPECIFICATIONS:** FREQUENCY RESPONSE—Practically flat 80-10,000 cps; ± 5 db 70-13,000 cps. OUTPUT—70 db below 1 volt/microbar at 1,000 cps. DUAL IMPEDANCE: Low (250 ohms), High (50,000 ohms) unbalanced. Size 9" high (with base), 2" diam. at head, tapering down to 3/4". Base diam. 4 1/4", 1 3/4" high. Shpg. wt., 6 lbs. AR-3 Dynamic microphone, complete with base, floor stand adapter, and 8' cable



COMPLETE WITH BALL-JOINT DESK STAND

13.95



**3 WAY SLIM
 CRYSTAL
 MICROPHONE**

- May be hand-held, stand mounted or suspended by lavalier cord!
- RESPONSE 60-10,000 CPS
- ON-Off Switch

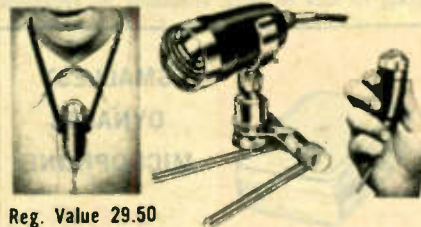
A tremendous value! Unique design, only 4 1/4" x 1 1/2" diam. Comes complete with swivel adapter to fit all standard mike stands, and lavalier cord and bracket which leaves both hands free. Smooth wide range response. Locking type on-off slide switch. Detachable 7 ft. cable and connector. Shpg. wt., 2 lbs.

PA-31 Singly Each

3.95

3.95

**NEW DYNAMIC MICROPHONE
 FOR DESK-TOP, HAND HELD, OR LAVALIER USE**



Reg. Value 29.50

6.95 • HIGH IMPEDANCE—50,000 OHMS
 • RESPONSE—40-9,500 cps

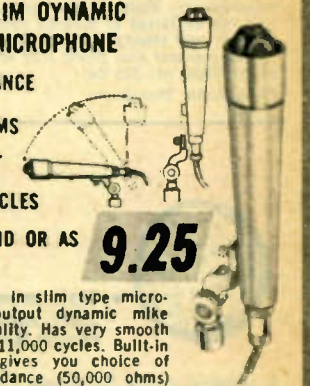
Beautifully designed and attractively finished high impedance, light weight dynamic microphone with swivel mount that permits horizontal and vertical rotation for most convenient angle. Microphone quickly and easily released from felt-lined base clamp for holding in hand or for clamping to neck band for use as lavalier microphone. Baked enamel case with chrome finished base, grille and fittings. Ruggedly constructed to withstand plenty of handling. 3" long x 1 1/4" diam. housing with 5 ft. shielded cable.

PA-48 Shpg. wt., 2 lbs.

Net 6.95

**SLIM DYNAMIC
 MICROPHONE**

- DUAL IMPEDANCE 50,000 AND 250 OHMS
- HIGH OUTPUT
- 50-11,000 CYCLES
- USE ON STAND OR AS HAND MIKE



9.25

The latest design in slim type microphones. A high-output dynamic mike of exceptional quality. Has very smooth response from 50-11,000 cycles. Built-in external switch gives you choice of either high impedance (50,000 ohms) or low impedance (250 ohms). Omnidirectional tiltable head. Bracket has standard 3/8"-27-thread for use on stand. This bracket is instantly removable so mike can be hand held. Has cast case with satin-chrome finish and acoustically correct grille head. Ruggedly constructed. Size: 8" long, 1 1/4" diam. barrel. Shpg. wt., 2 lbs.

PA-29

In lots of 3, Each 9.25

Single, Each 9.95



**NEW! LAFAYETTE
 MOBILE COMMUNICATIONS
 PUSH-TO-TALK
 DYNAMIC MICROPHONE**

- Compares With Microphones Selling For More Than Twice The Price
- With Bracket For Mounting on Transceiver
- High Impedance 50K Ohms

4.89

This rugged hand held dynamic microphone is perfect for all mobile and industrial applications—amateur ham radio and (citizens band), police, ship to shore, public address and aircraft. Handy slide switch operates microphone and relay circuits for transmit and receive switching. Response 100-9,000 cps. High Impedance—50,000 ohms. Complete with mounting bracket. Attractive impact-resistant polystyrene case with 5 ft. single conductor shielded cable plus two color coded switching conductors in one plastic jacket. Supplied with instructions for hook up of color coded leads. Size 3x1 1/4x1". Shpg. wt., 1 1/2 lbs.

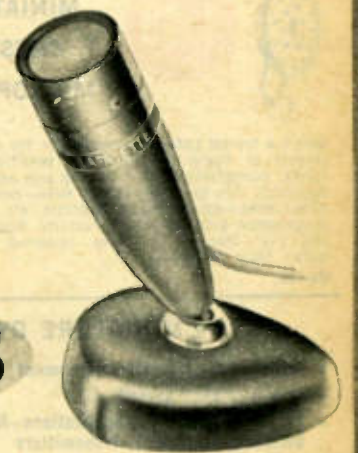
PA-77

Net 4.89

**NEW DYNAMIC MICROPHONE
 WITH DESK STAND
 AN UNUSUAL VALUE!**

- 40-13,000 CYCLES
- DUAL IMPEDANCE—250 & 50,000 OHMS
- EXTREMELY VERSATILE

9.75



Now Lafayette presents a new high quality general purpose dynamic microphone. Model PA-104 is a highly versatile dynamic microphone with smooth response from 40-13,000 cycles. Sturdy cast-metal tapering body; detachable triangular cast base has 360° ball-and-socket joint. PA-104 can be hand-held or used with desk or floor stand. Built-in external slide switch enables choice of either high impedance (50,000 ohms) or low impedance (250 ohms). Output: —55 db ± 3 db @ 1000 cps. Finished in aquamarine. Size: (without stand) 5" long, 1 1/4" diam. barrel; (stand) 3 3/4" max. diam. 3/4" high. Shpg. wt., 1 lb.

PA-104

Net 9.75

LAFAYETTE SPECIAL MICROPHONE VALUES

GUITAR MICROPHONE



MAGNETIC
TYPE
ALNICO
V MAGNET

7.95

FOR GUITAR
WITH F HOLES

Complete with Individual
Volume Controls

High impedance contact type microphone specially designed for use with guitar. Easily mounted under strings without special attachments. Separate variable tone and volume controls permit wide adjustment to suit personal requirements. While in mounted position, microphone unit can be raised or lowered easily on rod to create varying tonal effects. Supplied with 8 ft. cable and attached standard size phono plug for connection to amplifier. Shpg. wt., 2½ lbs.

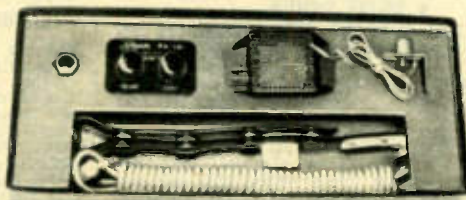
PA-38 Guitar Microphone

Net 7.95

LAFAYETTE ACCORDION MICROPHONE

ALLOWS ELECTRONIC AMPLIFICATION OF YOUR
ACCORDION — PERFECT FOR GROUP PLAYING IN
LARGE HALLS, AUDIO EFFECTS, TAPE RECORDING, ETC.

- Easily Installed
- Complete with Tone and Volume Control
- Ideal for Beginners or Professionals



ONLY

5.95

Now accordion owners may enjoy all the advantages of electronic amplification previously limited to stringed instruments. The PA-101, coupled with an amplifier-speaker or P.A. system, provides flexibility impossible with an accordion alone. Makes possible greater volume for indoor and outdoor dances, concerts, assemblies, etc. Permits addition of circuitry for electronic "effects" (echo, vibrato, etc.). Alone, it provides a direct pickup for tape recording, eliminating the extraneous

noise picked up by a conventional microphone. The heart of the PA-101 is an enclosed crystal pickup which mounts inside the accordion case. Also included are a case-mounted control bracket containing the volume and tone controls, an output jack, a 10 foot connecting cable complete with phone plugs on both ends, and installation instructions. Shpg. wt.,

PA-101

Net 5.95

CRYSTAL MICROPHONE CARTRIDGE



- Replacement for Astatic Shure, and Many Other Popular Microphones

A universal crystal microphone cartridge with heavy flexible rubber cushioned rim designed for speedy, economical repair. Fits tens of thousands of the most popular microphones such as the astatic JT30 etc. Overall diameter 2½", depth ½". Output—52 db. Excellent frequency response. Shpg. wt., 8 oz.

PA-27

Net 1.49

SMALLEST DYNAMIC MICROPHONE



3.95

- Only ¾"W x ¼"H x ¼"D

Lafayette now presents this tiniest dynamic microphone, especially designed for miniaturized build-it-yourself semiconductor circuits, hearing aids, etc. About half the size of a postage stamp, this unit nevertheless has an output level of —75 db at 1000 cps and is ruggedly constructed. Impedance (1 kc): 800 ohms, case-to-winding resistance: greater than 10 meg.

PA-222

Regularly 8.00

Net 3.95

LAPEL MICROPHONE



- Full—55 db. Output Level!
Ideal General Purpose Mike

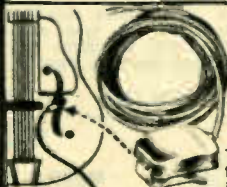
1.95

Ideal general purpose mike. Specially engineered crystal microphone. Attaches to lapel. Only 1½" in diameter. Exceptional frequency response. Output level —55 db. Chrome plated case and clip for attaching to lapel. Includes 5 ft. of shielded cable. Shpg. wt., 1 lb.

PA-9

Net 1.95

NEW CONTACT MICROPHONE



Easily Attaches to All
String Instruments

This low priced, high quality contact microphone is ideal for amplification of

single stringed instruments such as guitars, banjos, mandolins, cellos, ukeleles, etc. Provides rich, natural reproduction of the actual tone with sufficient amplification to be heard in a large hall. The clamp bar on the mike slides directly under the sounding board cutout to give a secure fit. Comes equipped with 8 ft. cable for connection to public address amplifiers, tape recorders or radios. Frequency response 40-9,000 cps. High impedance. Size: 1½Lx1½Wx¾"D. Shpg. wt., 12 ozs.

PA-4t

Net 1.95



1.49

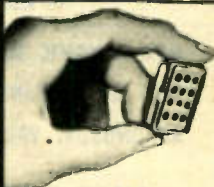
MINIATURE CRYSTAL MICROPHONE

Here's a typical Lafayette special for the experimenter, student or dealer. An extremely sensitive and small crystal microphone used in hearing aids and other small apparatus. Can be used as lapel mike—miniature transmitter mike—for concealed locations, etc. Its size and performance gives it joint versatility. Brand new. Size only 1½" Diam. x ¾" deep. Imported to save you money. Shpg. wt., 6 ozs.

MS-108

Net 1.49

SUBMINIATURE CRYSTAL MICROPHONE



Only
1½x1¼" Deep!

Extremely sensitive and small rectangular microphone for concealed locations, hearing aids, and other miniature equipment. Also suitable as a lapel or miniature transmitter mike. Experimenters, students and hobbyists will find many applications for this useful, low cost item . . . imported by Lafayette to save you money. Shpg. wt., 4 ozs.

PA-40

Net 1.49

MINIATURE DYNAMIC MIKE

- Designed for transistor equipment
- Only 1½"x¾" overall
- Perfect for "hidden" applications—Hearing Aids—Dictating Equipment—Transmitters

1.95



Specially designed for use in miniaturized equipment. Ideally suited for applications where size, weight and portability are important. 600 ohm impedance matches most transistor circuitry calling for dynamic microphones. Rugged—metal encased—to resist mechanical shock and variations in heat and humidity. Measures only 1½" dia. x ¾" thick. High sensitivity in the voice range. Frequency response 300 to 5000 cps. Output 73 db. Includes 4" flexible lead terminals. Shpg. wt., 4 ozs.

PA-74

Net 1.95

HARMONICA CONTACT MICROPHONE



This is a fine quality, sensitive, crystal contact microphone with a high output that is especially designed to fit harmonicas. When the relatively weak sound of a harmonica is amplified, the results are astonishing. The

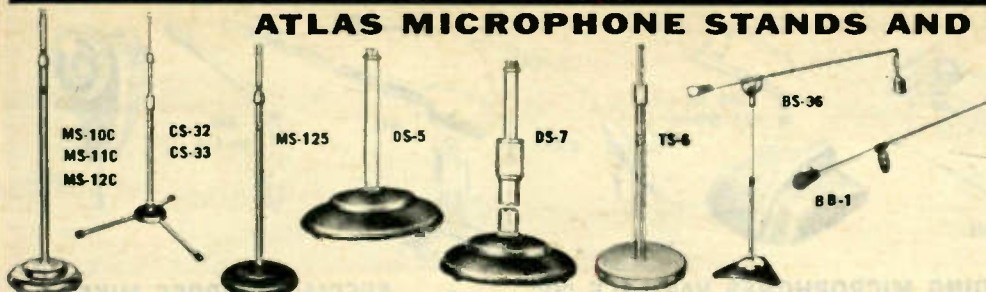
microphone may be connected to any P.A. system, the audio section of a phonograph, or radio. Installation is simple. The microphone bracket slides under the screw on the bass end of the harmonica and the leads connect to the amplifier system. It is sturdily built and measures only 1½Lx¾Wx¾"D. Complete with 7 ft. shielded cable. Shpg. wt., 12 ozs.

PA-35

1.49

MICROPHONE STANDS—CONNECTORS—PA ACCESSORIES

ATLAS MICROPHONE STANDS AND BOOMS



Model MS-10C Full Grip Mike Stand. Economical mike stand featuring "Full-Grip" clutch mechanism for fast quiet adjustments without slipping and wear. Functionally designed base assures maximum stability and includes self-leveling, shock-absorbing pads plus 3 "anti-tip" points. Full chrome plated tube assembly. Terminates in a 3/8"-27 thread. Base dia. 10", finished in gray shrivel. Height/adj., 35 to 64". Shpg. wt., 9 lbs.
MA-35 Net 5.73

Model MS-12C. As above but with tube extension to 65". Shpg. wt., 12 lbs.
MA-27 Net 6.17

Model MS-11C. As above but with full chrome finished base.
MA-28 Net 7.64

Model MS-12S "Sleeve Action" Mike Stand. New mike stand featuring a fully automatic means of height adjustment. To lower the stand, just press on the "Sleeve Action" control. To raise the stand, any point on the tube can be grasped. Quiet and smooth action. Ht. 35 to 65". Base dia. 10". Standard thread. Shpg. wt., 12 lbs.
MA-29 Net 12.35

Model CS-32 Demountable Stand. Revolutionary in design. This mike stand is fully collapsible to fit in amplifier or speaker carrying case. No tools needed. Self-leveling legs are skid-proof. Features "Full-Grip" and "Velvet Action." Adjustable from 36 to 64 in. Fully chrome plated. 3/8"-27 thread. Shpg. wt., 5 lbs.
MA-21 Net 6.76

Model CS-33. As above but with ht. adj. of 26-64". Collapses to 22 1/2".
MA-22 Net 7.94

Model DS-5 "Velvet Action" Desk Stand. Same quality as floor models. Base dia. 6". Finished in gun metal shrivel. Fixed ht., 4". Shpg. wt., 2 lbs.
MA-23 Net 1.76

Model DS-7. As above but with ht. adj. 8 to 13". Shpg. wt., 3 lbs.
MA-24 Net 2.94

Model TS-6 Adjustable Stand. A decorative and fine appearing stand, suitable for use on a banquet table. Features quiet "Full Grip, Velvet Action" control. Adjustable from 14 1/2" to 26". Base diameter 8". Fully chrome-finished base and tube assembly. Shpg. wt., 5 lbs.
MA-33 Net 5.29

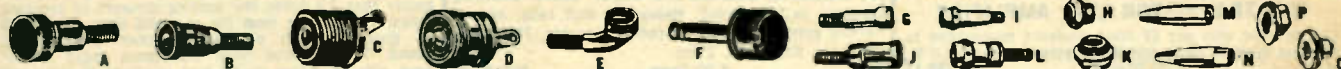
Model BS-36 Professional Boom Stand. Offers a removable 62" boom. "Safety Air-lock Cushion" eliminates slippage. The gyromatic swivel joint at end of boom always keeps mike in proper position. Base is 17" in diam., with shock mounted pads. Vertical adj., 48 to 72". All tubes super-chromed plated. Finished with "Snap On" hangers for holding cable to boom. Shpg. wt., 33 lbs. Shipped express only.
MA-20 Net 37.04

Model BB-1 "Baby Boom" Attachment. Use with any mike stand. 32" long. 3/8"-27 thread. Chrome plated. All swivel parts are precision die castings. Shpg. wt., 3 1/2 lbs.
MA-19 Net 4.41

FLEKO MIKESTER

Model 1. Versatile mike stand with an extremely flexible arm, providing wide range of adjustment. Swings out 36" in any direction. Ideal for use in radio broadcast or recording studios, offices, airport, switchboard, theatres, night clubs, schools, hotels. Handles any mike up to 4 lbs. in weight. Clamps or screws to any horizontal or angular surface up to 3" thick. Shpg. wt., 4 1/2 lbs.
M-141 Net 8.23

AMPHENOL MICROPHONE CONNECTORS



SERIES 75. PRESSURE TYPE—SINGLE CONTACT

Polished chrome plated brass fittings with 3/8"-27 thread.

No.	Type	Fig.	Description	NET EACH		
				1-24	25-99	100-249
CM-63	75-MC1F	A	Female with coupling ring	.43	.34	.31
CM-243	75-MC1M	B	Male. Fits above connector	.39	.31	.28
CM-68	75-PC1M	C	Male, Non-shorting, chassis mount. Fits MC1F	.34	.27	.24
CM-69	75-CL-PC1M	D	As above, except closed circuit	.49	.39	.35
CM-64	75-MC1F-A	E	Angle type, female connector coupling ring. Use with PC1M, etc.	1.21	.95	.86
CM-66	75-MC1P	F	Adaptor. Connects MC1F to standard phone plug	.47	.37	.33

SERIES 80. SINGLE AND DOUBLE CONTACT TYPES

For concentric lines, shielded mike cables, etc. Center contacts are pin and socket type. *Single-contact type. †Double-contact type. Av. shpg. wt., 3 oz.

No.	Type	Fig.	Description	NET EACH		
				1-24	25-99	100-249
CM-115	*80F	G	Female cable jack	.34	.41	.37
CM-114	*80C	H	Female chassis receptacle	.55	.44	.39
CM-116	*80M	I	Male cable plug	.59	.47	.42
CM-117	†80-MC2F	G	Female cable jack	.57	.45	.41
CM-119	†80-PC2F	H	Female chassis receptacle	.56	.44	.40
CM-118	†80-MC2M	I	Male cable plug	.63	.50	.45

SERIES 91. 3- AND 4- CONTACT TYPES

Polarized microphone connectors for portable equipment. Strain-relieving clamps. *3-contact type. †4-contact type. Shpg. wt., 3 oz.

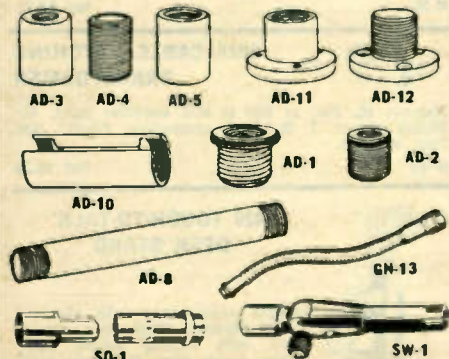
No.	Type	Fig.	Description	NET EACH		
				1-24	25-99	100-249
CM-183	*91-MC3F	J	Female cable jack	.83	.63	.57
CM-177	*91-PC3F	K	Female chassis receptacle	.71	.56	.51
CM-185	*91-MC3M	L	Male cable plug	.86	.68	.62
CM-164	†91-MC4F	J	Female cable jack	.87	.69	.63
CM-178	†91-PC4F	K	Female chassis receptacle	.73	.57	.52
CM-166	†91-MC4M	L	Male cable plug	.88	.70	.63

"QWIK" SERIES 91. 3- AND 4- CONTACT TYPES

New design. Simply pushed together; released by thumb pressure on lock button while pulling outward. Polarized contacts. Nickel plated shells. *3-contact type. †4-contact type. Av. shpg. wt., 3 oz.

No.	Type	Fig.	Description	NET EACH		
				1-24	25-99	100-249
CM-179	*91-853	M	Male cable plug	1.32	1.05	.96
CM-180	*91-854	N	Female cable plug	1.52	1.20	1.09
CM-181	*91-855	O	Male chassis receptacle	.98	.77	.70
CM-182	*91-856	P	Female chassis receptacle	2.18	1.72	1.56
CM-183	†91-857	M	Male cable plug	1.40	1.11	1.00
CM-184	†91-858	N	Female cable plug	1.92	1.52	1.37
CM-185	†91-859	O	Male chassis receptacle	1.02	.81	.73
CM-186	†91-860	P	Female chassis receptacle	2.24	1.78	1.60

ATLAS MICROPHONE ACCESSORIES



Mike Flanges And Extension Rods. For neat and permanent mounting. Fits 3/8"-27 mikes. Base dia., 1 1/4" .3 mounting holes with 7/8" mounting centers. Extension rods, male on both ends. Av. shpg. wt., 6 oz.

MA-18 AD-12 Male Flange Net .41
MA-17 AD-11 Female Flange Net .41
MA-15 AD-8 6" Ext. Rod Net .44

Mike Adapters. For adapting special fittings. Wt., 2 oz.

MA-10 AD-1 3/8"-27 female to 1/4" male thread (RCA) Net .50

MA-11 AD-2 1/8" female pipe to 3/8"-27 male Net .35

MA-12 AD-3 1/8" female pipe to 3/8"-27 female Net .35

MA-13 AD-4 3/4" long 3/8"-27 male running thread Net .17

MA-14 AD-5 3/8"-27 female to 3/8"-27 female coupling Net .35

MA-16 AD-10 3/8"-24 female to 3/8"-27 female (W.E. Adapter) Net .71

Model SW-1 Gyromatic Swivel. Permits any mike to be locked at any angle. 3/8"-27 thread. 4 1/2" long.

MA-31 Shpg. wt., 1 1/2 lbs. Net 2.84

Model SO-1 "Snap-On" Mike Attachment. Quick and safe. For all mikes and stands. Two "Snap-On" sections.

MA-30 Shpg. wt., 1 lb. Net 1.62

Model GN-19. As above but 19" long. Shpg. wt., 1 1/2 lbs.

MA-26 Net 2.35

Model GN-13 Goose Neck. 13" long for complete adjustment of mike 3/8"-27 thread. Chrome finish. Shpg. wt., 1 lb.
MA-25 Net 1.63

MIKE ACCESSORIES



329 Switchcraft Microphone Volume Control Adapter. Designed to reduce or increase relative volume at the microphone to workable level. For high impedance circuits using shielded single conductor cable only. Employs standard microphone connectors. Shpg. wt., 8 oz.
MS-860 Net 4.09

Amphenol Mike Switch. Attach between male and female of 75 series connectors. Push-to-talk with lock. Shpg. wt., 6 oz.

CM-67 Amphenol 75-MC1S Net 1.85

"Y" Connector. Has 2 males and 1 female. Shpg. wt., 2 oz.

MS-84 Net .85

Electro-Voice QUALITY MICROPHONES



BROADCAST-TV-RECORDING MICROPHONES VARIABLE "D" CARDIOID UNIDIRECTIONAL DYNAMICS

666 SUPER CARDIOID DYNAMIC

New variable "D" microphone for exacting radio and TV broadcast applications. Cardioid pattern extra sharp for high attenuation of sound from sides and rear; only sound from front of microphone is picked up. Can be used twice as far away from sound source as many other microphones. Frequency response is uniform from 30 to 16,000 cps. Output level —55 db, output impedance as supplied is 50 ohms, but is easily changed to 150 or 250 ohms. Acoustalloy diaphragm used for better performance. Cast Aluminum case is finished in non-reflecting gray. Complete with 20 ft. shielded cable and Cannon UA-311 connector, and Model 300 detachable stand coupler for 1/2" and 3/8"-27 stands. Shpg. wt., 2 lbs.

M-10 5.00 Down Net 149.94

666R RISING RESPONSE CARDIOID

Similar to 666, but has a 4 1/2 db boost from 100 to 2000 cps to reduce low-frequency room reverberation pickup. Reduce room "rumble" and prop noise. Output is —50 1/2 db. Shpg. wt., 2 lbs.

M-11 5.00 Down Net 149.94

6098 TRANSISTOR LINE AMPLIFIER

Can be used with any EV low-impedance microphone to increase dynamic range and lower system noise. wt., 1 lb.

M-12 5.00 Down Net 158.17

667 VARIABLE RESPONSE CARDIOID

Features very wide, smooth frequency response from 35 to 16,000 cps and efficient cardioid field pattern which discriminates against background noise and retains "presence" even if sound source is far away. Includes transistor preamplifier-remote control unit for greater output and frequency control flexibility. Transistor remote control unit operates up to 350 hours on small mercury battery. Has separate bass and treble controls, gain control and presence switch. Output level variable from —30 to —48 db, operates into 50, 150 or 250 ohm load. Dynamic range is 120 db; Noise level. —123 dbm. Supplied with 20 ft. and 50 ft. cables, adapter for 1/2" or 3/8"-27 stands, and hardwood carrying case. Sizer mike 7 1/2" x 1 3/4" dia., preamp 9" x 3 3/8" x 3 3/8". Non-reflecting gray case. Shpg. wt., 4 lbs.

M-19 10.00 Down Net 352.80

MODEL 665 CARDIOID

Economy version of Model 666 Variable "D" mike. 40-15,000 cps, —55 db output level, 50 or 250 ohm output impedance, balanced line output. Swivel mounting standard 3/8"-27 thread. Heavy die cast case, non-reflecting gray finish. 18 ft. 3 conductor cable. 7 1/4" long, 1 7/8" dia. Shpg. wt., 2 lbs.

M-20 5.00 Down Net 88.20

STANDS AND ACCESSORIES FOR ABOVE

524 WIND SCREEN. Used with 666 microphone. Minimizes wind effect. Shpg. wt., 2 oz.

M-23 5.00 Down Net 4.70

366 SUSPENSION SHOCK MOUNT. For mounting Models 666 or 667 on mike boom. Shpg. wt., 1 lb.

M-24 2.00 Down Net 23.52

419 DESK STAND. Accommodates Models 664, 665 and others. Gray. Shpg. wt., 3 lbs.

M-31 5.00 Down Net 5.88

420 DESK STAND. Specifically for models 666, 655-C, 646, and other 1" dia. mikes. Gray. Shpg. wt., 4 lbs.

M-52 5.00 Down Net 11.76

SPECIAL PURPOSE MIKES

Model 652 "Thin Trim" Dynamic Microphone

A unique design for an almost invisible dynamic microphone. The microphone is mounted on the end of the semirigid tube bringing the moving coil element closer to the user for full range, pop free response. Ideal to be used where the microphone should be inconspicuous. Two clear plastic baffles provide a 6 db or 3 db boost in the brilliance range for added articulation. Has built-in wind filter. Response uniform from 50 to 12,000 cps without the baffles. Output level —60 db. Matches all low impedance. Light tan, non reflecting finish. Complete with 20' cable, cable connector and Model 300 Stand coupler. Length of microphone to cable connector 25". Shpg. wt., 1 lb. Supplied less stand.

M-16 5.00 Down Net 70.56

Model 652A. Same as above, except 15" long.

M-17 5.00 Down Net 70.56

644 "SOUND SPOT" UNIDIRECTIONAL LINE MICROPHONE

A combination cardioid and distributed front opening makes this the most directional microphone ever. Has better than 2.5 times the working distance of pressure types. Cancellation from the rear and sides exceed 20 db giving virtually complete rejection of unwanted sound. The effective front acceptance angle is 45° each side of center giving best isolation of individual performers. High reduction of wind noise and low sensitivity to shock. Smooth response from 40 to 12,000 cps, high output—52 db, dual high and low impedance selective. The case is high-pressure diecast zinc. Rear diameter 2 3/4", length 16" cable is 18". Shpg. wt., 3 lbs.

M-25 5.00 Down Net 64.68

600-D DYNAMIC

Semi-directional, rugged microphone designed to snugly fit into hand. Output level —55 db. Press to talk switch. 50 ohm, 250 ohm or HI-Z impedance (specify when ordering). 2 1/4"x2 1/4", 5 ft. cable. Shpg. wt., 3/4 lb.

M-27 2.00 Down Net 27.93

648 DYNAMIC

For paging, intercom or PA. Mounts on desk, floor stand or 448 boom (below). 50-10,000 cps. Output —58 db. Choice of 50, 150, or 250 ohm impedance. Non-directional, gray case, less cable. Shpg. wt., 1/2 lb.

M-29 2.00 Down Net 32.93

448—Swivel Boom mount for 648 microphone. 12" long. Shpg. wt., 1 1/2 lb.

M-30 5.00 Down Net 14.11

502A CABLE MATCHING TRANSFORMER

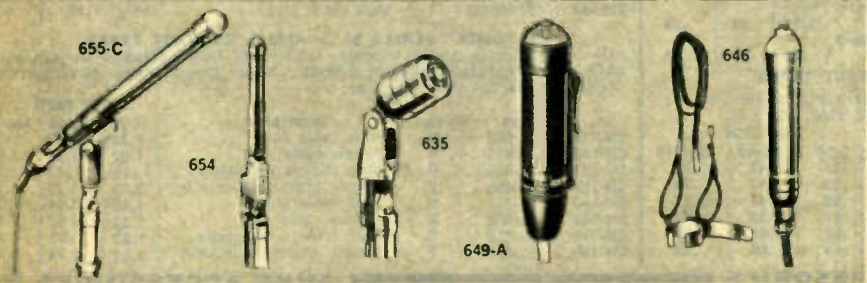
Matches 50, 250, or 500 to HI-Z amplifier input. 40-20,000 cps ± 1 db. MC-4 connectors. 2 7/8"x2" dia. Shpg. wt., 1 lb.

M-49 5.00 Down Net 10.29

428 TOUCH-TO-TALK DESK STAND

Accepts microphones with standard 3/8"-27 threads. Blade type switch, SPDT, with locking button. Satin chrome finish. Sizer 7"H, base 5 1/4" dia. Shpg. wt., 2 lbs.

M-56 5.00 Down Net 10.29



OMNIDIRECTIONAL DYNAMIC MICROPHONES

655-C "SLIM-TRIM" TV DYNAMIC

This slender hand or stand microphone covers the entire audio range, from 40 to 20,000 cps. Omnidirectional. Output level —55 db, impedance 50, 150 or 250 ohms. Light and small—1 1/8" dia., 10 3/8" long. Complete with adapter for 1/2" and 3/8"-27 stands and with 20 ft. shielded cable. Shpg. wt., 1 1/2 lbs.

M-13 5.00 Down Net 117.60

654 "SLIM-TRIM" STUDIO

Similar to above, but for less critical uses, 50-15,000 cps, —55 db output level, 50 or 250 ohm output. 3/8"-27 threaded swivel mount, 18 ft. cable. 10" long, 1" dia. Gray finish. Shpg. wt., 1 1/2 lbs.

M-14 5.00 Down Net 58.80

635 BROADCAST DYNAMIC

Compact, rugged and versatile, omni-directional mike. Response 40-15,000 cps, Output level —55 db. Impedance selector for 50 or 250 ohms. Swiveled base with 3/8"-27 thread, Cannon XL-3 connector, 18 ft. cable. 2" dia., 6 1/4" long. Shpg. wt., 1 3/4 lbs.

M-15 2.00 Down Net 48.22

649-A MINIATURE LAVALIER

New improved miniature microphone weighing only 2 oz. 3 3/4" long, 3/4" dia. Very inconspicuous, ideal for audience participation shows. 60-12,000 cps, —60 db output level, non-directional, low impedance. TV gray finish. Includes neck strap, belt clip, and 30 ft. cable. Shpg. wt., 1 lb.

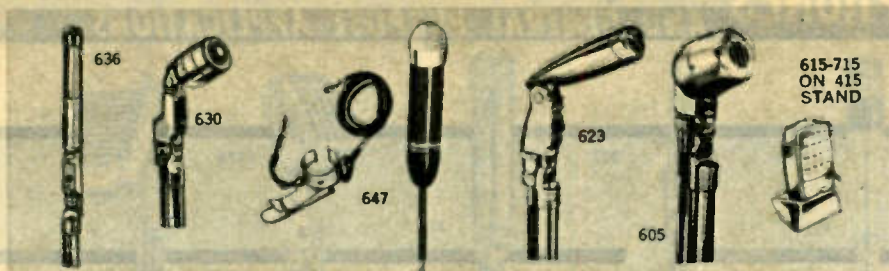
M-21 5.00 Down Net 61.74

646 LAVALIER DYNAMIC

Small dynamic mike for hand, stand or chest use with lavalier cord supplied. 50-10,000 cps, output level —57 db, choice of 50, 150 or 250 ohms impedance. Omnidirectional. Gray finish, built-in connector. 7 1/4"x1" dia. Shpg. wt., 1 lb.

M-22 5.00 Down Net 86.73

POPULAR PRICED MICROPHONES *Electro-Voice*



GENERAL PURPOSE OMNIDIRECTIONAL DYNAMIC MIKES

636 "SLIMAIR" DYNAMIC

Slim omni-directional mike for PA or recording. Acoustically diaphragm. Output level—55 db. Response 60-13,000 cps. Selection of Hi-Z or 150 ohm impedance made at plug. On-Off switch; satin chrome finish. Swivels 90° on base, tapped for 5/8"-27 stand. With 18 ft. cable and connector. 1 1/8" dia., 10 1/4" long. Shpg. wt., 2 1/2 lbs.

M-31 2.00 Down Net 42.63

630 HI-FI, HI-OUTPUT DYNAMIC

A quality microphone resistant to heat and humidity. 60-11,000 cps. output level—55 db. On-Off switch tilt-able head, chrome finish. 50 ohm, 250 ohm or Hi-Z output. 2" dia., 6 1/4" long. Shpg. wt., 3 lbs.

M-32 2.00 Down Net 30.87

647 PA LAVALIER DYNAMIC

Small, rugged mike complete with neck cord and support clips. 60-10,000 cps. output level—57 db. Either 150 ohms or Hi-Z output (specify when ordering). Gray enamel finish. 18 ft. cable. 5" long, 1" dia. Shpg. wt., 1 lb.

M-33 2.00 Down Net 48.51

623 SLIM DYNAMIC MIKE

Ideal for PA, recording and general use, on stand or in hand. Non-directional, 60-12,000 cps, output level—56 db. adjustable for high or low impedance. Tilttable chrome head, On-Off switch. 5/8"-27 thread, removable 18 ft. cable. Shpg. wt., 2 lbs.

M-38 2.00 Down Net 33.52

605 DURABLE DYNAMIC

Non-directional, general purpose mike, 65-8000 cps. Output level—55 db. Choice of 50-250 ohms, or Hi-Z. 18 ft. removable cable, chrome finish. Head set at 22° fixed tilt. Has standard 5/8"-27 thread. 3 1/4" long, 2" dia. Shpg. wt., 1 lb.

M-39 Net 19.11

615 "CENTURY" DYNAMIC

Incomparable for paging, home recording, or any low cost applications. Can be used on stand or in hand. Non-directional. Acoustically diaphragm. Response 80-8000 cps. Output—55 db. 50 ohms or Hi-Z. Lo-Z not balanced to ground. 5' cable. Rugged, light weight. Pressure cast case, satin chrome. Size 3 x 2 3/4 x 1". AC-DC insulated. Shpg. wt., 1 lb.

M-40 Net 14.99

415 DESK STAND. For models 615 and 715. Shpg. wt., 6 oz.

M-53 Net 1.03

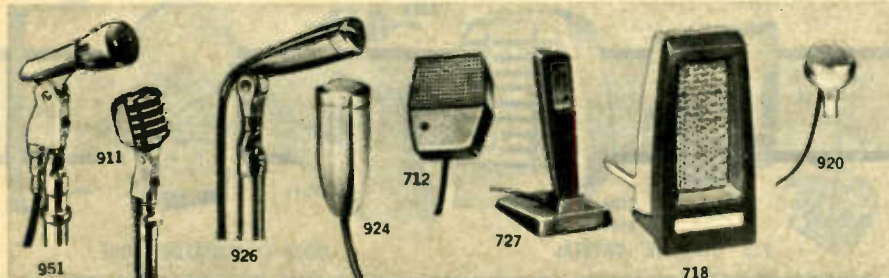


49.98

the famous
EV 664
VARIABLE "D"
DYNAMIC CARDIOID
MICROPHONE

A cardioid variable "D" (variable distance) microphone designed for top quality PA applications. Highly desirable cardioid pattern provides a significant front-to-back signal ratio to suppress noise, reverberations, and feedback. Pop-proof wire mesh grille and special construction allow close talking without booming bass, air blasts, or distortion. Non-metallic diaphragm is shielded against dust and magnetic particles. Resistant to extreme conditions of humidity, temperature and vibration. Response 40-15,000 cps. Output level—55 db. Output impedance easily changed from high impedance to 150 ohms by changing connection on internal terminal board. Standard 5/8"-27 thread. Satin chrome finished, die-cast case, with ON-OFF switch and removable 18 ft. 2 conductor shielded cable. 1 7/8" dia., 7 3/4" long. Shpg. wt., 2 lbs.

M-26 2.00 Down Net 49.98



CRYSTAL AND CERAMIC MICROPHONES

951 VARIABLE "D" CRYSTAL

An excellent wide-range all-purpose mike for eliminating background noise and reverberation. Highly directional. Response 50-11,000 cps, output—60 db. Hi-Z, On-Off switch. Satin chrome finish. Swivel base with standard 5/8"-27 mount and cable connector. 18-ft cable is removable. 5 1/2" long, 1 1/4" dia. Shpg. wt., 3 lbs.

M-34 2.00 Down Net 29.11

911 "MERCURY" CRYSTAL

High output omnidirectional unit for general use. 50-7000 cps, high impedance, —50 db output level. On-Off switch, chrome case, 18 ft. cable, standard thread. 6 3/4" x 2 3/8" x 3 1/2". Shpg. wt., 3 lbs.

M-35 Net 19.11

926 SLIM CRYSTAL

General purpose mike for stand mounting. Response 60-8000 cps, output level—60 db. Hi-Z. Chrome finished case, tilttable head, standard thread. 6 3/4" x 1 1/8", 18 ft. cable. Shpg. wt., 1 1/2 lbs.

M-36 Net 17.35

924 CRYSTAL LAVALIER

Omni-directional crystal lavalier for chest or hand use, supplied with neck cord and support clips. High impedance. 60-8000 cps, output level—60 db. 3 1/2" long, 1 1/2" diameter. Shpg. wt., 1 lb.

M-37 Net 11.76

712 CERAMIC

Fits need of PA, home recording, etc. Handheld. Moisture sealed ceramic. Response 70-7000 cps. High output—55 db, Hi-Z. Size: 3 x 2 1/4 x 1 1/4". 5' cable. Shpg. wt., 6 oz.

M-54 Net 4.41

727 SLIM CERAMIC

Smart new mike with desk stand and floor stand coupler. Heat resistant ceramic element. 60-8000 cps, output—55 db, Hi-Z, 5 ft. cable. 8x1 1/2x1 1/4". Shpg. wt., 1 1/2 lbs.

M-41 Net 10.58

727S—Same as Model 727, but includes On-Off switch.

M-42 Net 11.76

715 "CENTURY" CERAMIC

Same appearance and uses, same stand as Model 615 at top of page. For hand, table, or stand. 60-7000 cps. Hi-Z—50 db. output. Gray Styron case. 5 ft. cable. Shpg. wt., 1 lb.

M-43 Net 7.64

Model 715S. Same as 715, but includes On-Off switch.

M-44 Net 8.82

718 CERAMIC

Improved replacement for home recorder mikes. 60-6000 cps, —55 db output, Hi-Z. 5 ft. cable with phono plug and adapter plug. Shpg. wt., 1 lb.

M-45 Net 7.06

920 SPHEREX CRYSTAL

All-directional crystal mike for home use. Wire mesh head acts as wind screen and blast filter. 60-7000 cps, output—50 db. Hi-Z, satin finish, 5/8"-27 thread. 18 ft. cable. Shpg. wt., 1 lb.

M-46 Net 16.17

EV 729 CARDIOID CERAMIC MICROPHONE

NOW! A CARDIOID
MICROPHONE
AT
ONLY **14.41**



The Model 729 is the lowest priced cardioid ever built. Random noise, reverberation and feed back possibility reduced by a factor of 67%. Front pickup range near twice that of pressure microphones. Designed for public address, paging, amateur radio, home stereo recording, and general communications. Output—55 db. Response 60 to 8,000 cps. High impedance only. May be used in any climate. Available with or without "on-off" switch. Metalustre gray front with medium gray back. Supplied with attractive desk stand and floor stand. Shpg. wt., less cable and stand, 13 oz.

M-47 Net 14.41

Model 729S. Same as above, but includes on off switch.

M-48 Net 15.58

MODEL 418 DESK STAND



5.88

Desk stand for use with microphones having small type stud, such as 611, 623, 630, 635, 636, 911, 951. Die-cast base. Gray finish. Shpg. wt., 4 lbs.

M-50 Net 5.88

SHURE -MICROPHONES FOR BROADCASTING-PA- AND GENERAL PURPOSE APPLICATIONS



55



333



545



535



777



737A



81

55S CARDIoid DYNAMIC MIKE

Sturdy dynamic mike, withstands shock, high heat and humidity. 2 low or hi-Z output. Response: 50-15,000 cps; output is -60 db. Swivel mounted case, with standard 1/8"-27 thread mount and 20 ft. cable. Size 3 3/4"x2 3/4"x3 3/4". Shpg. wt., 4 1/2 lbs.

M-100 2.00 Down Net 48.80

556S Specially constructed deluxe version of above. Guaranteed response $\pm 2 1/2$ db from 40 to 15,000 cps. Has Cannon XL-3-11 cable connector and special rubber mounting to reduce vibration pickup.

M-101 5.00 Down Net 79.38

333 UNIDIRECTIONAL RIBBON MIKE

A professional ribbon microphone for the most exacting user. Guaranteed response $\pm 2 1/2$ db, 30-15,000 cps. Ultra-cardioid pattern greatly reduces background noise. Output impedances of 50, 150 or 250 ohms. -60 db sensitivity. Non-reflecting bronze finish, 20 foot detachable cable. Size: 3 3/4"x1 1/4"x1 3/4". Shpg. wt., 4 lbs.

M-102 5.00 Down Net 147.00

330 Similar to above, but less Voice-Music switch. Satin-chrome finish.

M-103 5.00 Down Net 70.56

545 UNIDYNE III

An unusually handsome, cardioid dynamic microphone for fine quality recording and PA use. Response 50-15,000 cps. Cardioid pattern increases pickup distance and reduces noise and feed back possibilities. Dual output-low -57db, high -55db. Dual impedance, 50-250 ohms and high impedance. Detachable 18 ft. 3 conductor shielded cable. Satin chrome and black finish. 5 3/4" long, 1 3/4" diam. With A25 swivel adapter. Shpg. wt., 3 lbs.

M-93 2.00 Down Net 49.98

737A CRYSTAL CARDIoid

A high output, high impedance crystal microphone. Cardioid pattern attenuates background noise. Swivel permits pointing up for all-directional pickup. 60-10,000 cps. -54 db output. Satin chrome case, standard thread mount. 15 ft. shielded cable included. 4x3 3/4"x1 1/8". Shpg. wt., 2 1/4 lbs.

M-111 2.00 Down Net 27.05

535 "SLENDYNE" DYNAMIC

A moderately priced, all-directional dynamic microphone. -61 db output at either 50-250 ohms or hi-Z. Response 60-13,500 cps. Complete with On-Off switch and A25 swivel adapter. Satin-chrome finish. 7 1/4" long. 1" dia. Shpg. wt., 3 lbs.

M-112 2.00 Down Net 42.63

777 "SLIM-X" CRYSTAL MIKE

A small unit weighing only 6 ounces, this is the ideal microphone for hand-held use. 60-10,000 cps, -62 db output into high impedance. Includes lavaller cord, stand adapter, 7 ft. removable shielded cable. Satin chrome finish. 4 1/2" long, 1" dia. Shpg. wt., 1 1/4 lbs.

M-120 Net 14.70

777S Same as above, but has added On-Off Switch. Net 19.88

M-121 Net 19.88

S38 DESK STAND

M-122 For models 777 and 777S. 1 1/4 lbs. Net 2.65

A25 SWIVEL ADAPTER

For models 525, 535, 777, 777S. For use with standard floor or desk stand. Shpg. wt., 8 oz.

M-123 Net 3.23

51 "SONODYNE" DYNAMIC MICROPHONE

The ideal moderately priced microphone for public address and recording. Semi-directional dynamic element is immune to heat and humidity. Response 60-10,000 cps. Screwdriver adjustment for low, medium, or high impedance output. -52 db output level. Swivel mount and standard 1/8"-27 thread. Satin chrome finish, 15 ft. cable and connector. Shpg. wt., 3 1/2 lbs.

M-124 2.00 Down Net 28.11



520SL



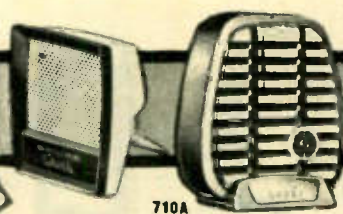
707A



R5T



715
215



710A
510C



MC11



R7
R5



C15C

707A CRYSTAL MIKE

Low cost crystal microphone for amateur radio, tape recording, and public address. Response 30-7000 cps. Hi-Z, output -50 db. 7 ft. cable, 1/8"-27 thread. Size 3 3/4" long, 2 1/2" dia. Shpg. wt., 2 lbs.

M-104 Net 11.47

520 Magnetic version of above, immune to hot weather. Response: 100-9000 cps, output -52.5 db.

M-105 Net 13.23

520SL "DISPATCHER" MAGNETIC

The ideal mike for busy radio operators or for dispatching and paging. Consists of Model 520 mike mounted on special stand. Push large bar to talk, slide down permanent connection. Easy to operate. Chrome and green finish. 7 ft. Cable. 9 1/2"x5 1/2"x7"D. Shpg. wt., 5 lbs.

M-106 2.00 Down Net 26.46

A86A LINE TRANSFORMER

High quality transformer for connecting low impedance mikes to high impedance amplifiers. 35-50 ohm or 150-250 ohm input, Hi-Z output. Preserves high frequencies and cuts hum pickup in long lines. 20-20,000 cps ± 1 db. 1 3/8" long, 7/8" dia. 2 ft. of cable. Shpg. wt., 2 lbs.

M-129 Net 10.29

C15 RETRACTING MICROPHONE CABLE

Rubber covered coiled cord for 505T and other carbon mikes. 4 conductors for mike and press-to-talk switch. Striches from 1 foot to 6 feet. Shpg. wt., 1 1/2 lbs.

M-130 Net 3.67

715 "STARLITE" CRYSTAL

Semi-directional unit for home recording and inexpensive P.A. Systems. 50-10,000 cps, -50 db output into high impedance. Case is durable polystyrene with built-in retractable stand and 5 ft. shielded cable. 3 1/2"x2 1/4"x1 1/4". Shpg. wt., 1 1/2 lbs.

M-113 Net 4.70

215 "STARLITE" CERAMIC

Ceramic version identical with Model 715, except: 50-8000 cps response, -56.5 db sensitivity. Insensitive to heat.

M-114 Net 4.70

710S "REX" CRYSTAL

A crystal mike for amateur and PA use. 60-9000 cps, -50 db output, Hi-Z, semi-directional. With On-Off switch, stand adapter, 7 ft. cable. Burgundy red case, 3 1/4"x2 3/4"x1 1/2". Shpg. wt., 1 1/4 lbs.

M-115 Net 8.23

710A Same as above, but less switch. Net 7.06

M-116 Net 7.06

510S "HERCULES" MAGNETIC

Magnetic version of Model 710S. 100-7000 cps, -52.5 db output, metallic green finish. Shpg. wt., 1 1/2 lbs.

M-117 Net 11.17

510C Same as Model 510S, but less switch. Net 10.00

M-118 Net 10.00

S36A DESK MOUNT

Similar in appearance to base of 520SL. Fits all Shure connector type microphones. Adapter provided for other types. Shpg. wt., 1 1/4 lbs.

M-119 Net 3.82

MC11 1" MINIATURE MIKE

Specially designed for miniature and transistorized equipment. Magnetic, 1000 ohm impedance, 400-3000 cps, -71 db output. Circular case with eyelet solder terminals. Cadmium plated case. 1" dia. 3/8" thick. Shpg. wt., 12 oz.

M-125 Net 7.35

MC20 1" MINIATURE MIKE

Similar to MC11, but rectangular. 400-4500 cps, -75 db output into 1100 ohm impedance. 3/8" wide. 1" long. 3/8" thick, 1 1/2" long leads. Metal cased. Shpg. wt., 12 oz.

M-126 Net 8.23

R5 REPLACEMENT CARTRIDGE

Magnetic replacement cartridge for Models 510C, 510MD, 510S, 520, 520SL and 505C. Shpg. wt., 4 oz.

M-127 Net 6.47

R7 REPLACEMENT CARTRIDGE

Crystal replacement cartridge for Models 707A and 708A. -48 db output. Shpg. wt., 5 oz.

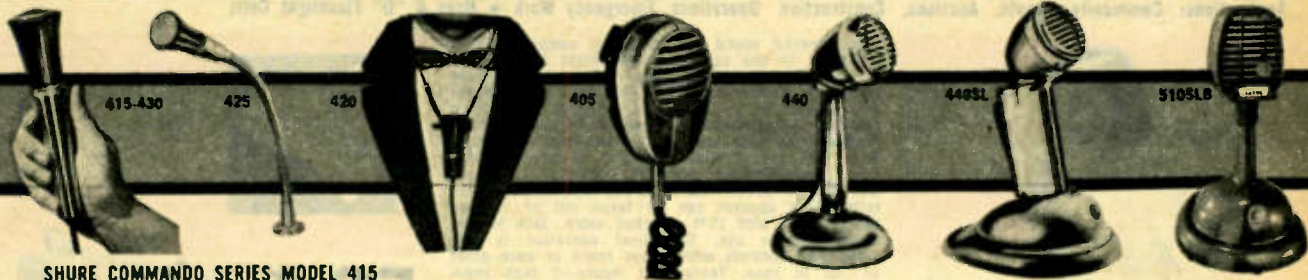
M-128 Net 4.85

R5T CONVERSION KIT WITH TRANSISTOR PREAMP

A conversion kit for changing carbon microphones into improved controlled magnetic microphones. Kit contains controlled magnetic cartridge and transistor amplifier. Conversion takes minutes. Response 200-4,000 cps. Output level -1db loaded into 500 ohms. Semi-directional polar pattern. Shpg. wt., 1/2 lb.

M-94 Net 14.70

SHURE-ASTATIC-UNIVERSITY MICROPHONES



SHURE COMMANDO SERIES MODEL 415

Handsome, but rugged controlled magnetic microphone for general purpose use. Response from 60-10,000 cps. Output level—52db, high impedance. With 7 ft. non-detachable cable and swivel adapter. 6 $\frac{1}{4}$ " long, 1 $\frac{1}{4}$ " dia. Shpg. wt., 1 lb.

- M-133 Net 16.17
- MODEL 420. Same as Model 415 except High/Low impedance; 20" non-detachable 2 conductor shielded cable 3 $\frac{1}{4}$ " long, 1 $\frac{1}{4}$ " dia. With lavalier cord. Shpg. wt., 1 $\frac{1}{2}$ lb.
- M-134 Net 17.84
- MODEL 425-G6. Same as Model 420 except has 6" flexible gooseneck and mounting flange; 7" non-detachable 2 conductor shielded cable. Shpg. wt., 1 $\frac{1}{4}$ lbs.
- M-135 Net 19.40
- MODEL 425-G12. Same as Model 425-G6, but has 12" flexible gooseneck. Shpg. wt., 2 $\frac{1}{4}$ lbs.
- M-136 Net 20.25
- MODEL 425-G18. Same as Model 425-G6 but with 18" gooseneck. Shpg. wt., 2 $\frac{3}{4}$ lbs.
- M-137 Net 21.00
- MODEL 430. Same as Model 420 except with 15" detachable 2 conductor shielded cable and press-to-talk switch. Shpg. wt., 1 $\frac{1}{2}$ lbs.
- M-138 Net 22.84

SHURE COMMUNICATIONS MIKES MODEL 405B

Sturdily built for hand-held mobile applications. Controlled magnetic element tailors characteristics for maximum readability. Response 200-8,000 cps. Output level—50db; 150-250 ohms impedance. High impact Armo-Dur case. Includes 5 ft. 4 conductor (2 shielded) cable, DPST push-to-talk switch and mounting bracket. 3 $\frac{1}{4}$ "H x2 $\frac{3}{4}$ "Wx1 $\frac{1}{4}$ "D. Shpg. wt., 1 lb.

- M-95 Net 18.82
- MODEL 405C. Same as Model 405B but high impedance. Shpg. wt., 1 lb.
- M-96 Net 18.82

510SLB STATION MIKE

Low impedance microphone built for communications applications. Controlled magnetic mike has response from 100-7000 cps. Output—51db, 150-250 ohms. Die cast zinc case, finished in metallic green. Includes sturdy desk stand. Press-to-talk, locking or non-locking switch. 7 ft. 2 conductor shielded cable. Size: 8 $\frac{7}{8}$ "H x5 $\frac{1}{2}$ "D. Shpg. wt., 3 $\frac{3}{4}$ lbs.

- M-139 Net 17.49

SINGLE-SIDEBAND MIKES MODEL 440

Controlled magnetic type with sharp high and low frequency cutoffs. Eliminates the need for audio filters. Response 300-3000 cps. Output—52.5db, high impedance. Semi-directional pattern. Die cast zinc case, finished in satin chrome. 7 ft. single conductor shielded cable. Less stand 2 $\frac{1}{2}$ " dia. 3 $\frac{1}{4}$ " long.

- M-98 Shpg. wt., 1 $\frac{1}{2}$ lbs. Net 14.70
- MODEL 440SL. Same as Model 440 but with stand, grip-to-talk switch and 7 ft. 2 conductor cable. Size: 9 $\frac{1}{2}$ "H x5 $\frac{1}{2}$ "D. Shpg. wt., 5 lbs.
- M-99 Net 27.93

4D5T TRANSISTORIZED MIKE

Controlled magnetic microphone with built-in transistor amplifier to replace carbon mikes in mobile equipment. Provides greatly increased clarity. Transistor circuit housed in case is powered by carbon mike battery. Response 200-4,000 cps. Output—1db into 500 ohm load. Gray Armo-Dur case. With 5 ft. coiled cable and push-to-talk switch. 3 $\frac{1}{4}$ "Hx2 $\frac{3}{4}$ "Wx1 $\frac{1}{4}$ "D. Shpg. wt., 1 lb.

- M-97 Net 28.52

ASTATIC MICROPHONES



JT-30 CRYSTAL MIKE

Dependable high output crystal microphone for PA and recording use. Response 30-10,000 cps. Output—49db, high impedance (1-5 megohms). Grey impact-resistant case, aluminum anodized grille. 5 ft. single conductor cable. Size 2 $\frac{3}{4}$ "Hx2 $\frac{3}{4}$ "Wx1 $\frac{1}{4}$ "D. Shpg. wt., $\frac{3}{4}$ lb.

- M-182 Net 10.82

77 SERIES CARDIOID MIKES

Model 77. High quality dynamic cardioid microphone. Response 30-15,000 cps. Output—52db. Blast-proof mylar diaphragm; pressure cast housing. Switchable impedance—high 40,000 ohms, medium 150-250 ohms, low 30-50 ohms. With on-off switch, 20 ft. 2 conductor shielded cable and 90° swivel. Satin chrome finish. Shpg. wt., 3 lbs.

- M-149 Net 48.51

Model 77L. Same as Model 77 but less ON-OFF switch and cable. Shpg. wt., 3 lbs.

- M-130 Net 42.83

Model G77. Same as Model 77 but with Model G grip-to-talk stand and 8' cable. Shpg. wt., 7 lbs.

- M-151 Net 57.30

Model 150 RECORDER MIKE

Low cost, high output microphone weighing only 3 ounces. Response 30-10,000 cps. Output—44db, high impedance (1-5 megohms). Grey impact-resistant case, aluminum anodized grille. 5 ft. single conductor cable. Size 2 $\frac{3}{4}$ "Hx2 $\frac{3}{4}$ "Wx1 $\frac{1}{4}$ "D. Shpg. wt., $\frac{3}{4}$ lb.

- M-156 Net 3.82

Model 151 CERAMIC MIKE

Similar to Model 150 but ceramic type. Output—48db. Response 30-8000 cps. Shpg. wt., $\frac{3}{4}$ lb.

- M-160 Net 3.82

Model 332 CRYSTAL MIKE

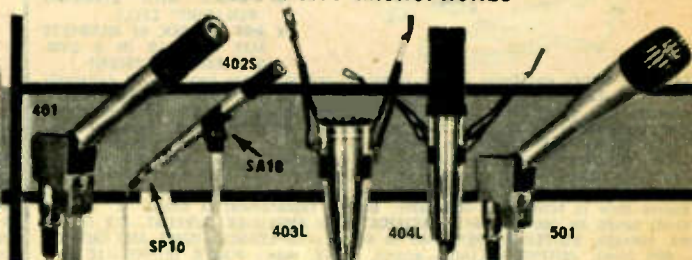
Popular lightweight crystal microphone for general purpose use. Response 30-15,000 cps. Output—54db, high impedance. Ideal where size and weight are a premium but good quality is required. Tapered die-cast housing. Satin chrome finish, chrome cap and black grille. 8 ft. single conductor cable. Built-in ON-OFF switch with lock-on provision. With lavalier and stand adapter for $\frac{3}{8}$ "—27 thread. 4 $\frac{1}{2}$ " long, 1 $\frac{1}{2}$ " dia. Shpg. wt., 1 lb.

- M-138 Net 10.53

A7 Stand For Model 332, microphone. Shpg. wt., $\frac{1}{4}$ lb.

- M-159 Net 1.44

UNIVERSITY MICROPHONES



UNIVERSITY MICROPHONES

401 OMNI-DIRECTIONAL DYNAMIC

Especially designed for quality public address systems. Features resilient Unilar diaphragm. Response is level from 50-18,000 cps. Choice of 3 impedance ranges, 30/50, 150/250 and 20,000 ohms. Output level—55db. 6 $\frac{1}{2}$ " long, 1 $\frac{1}{2}$ " dia. Chrome case with black element cover. Shpg. wt., $\frac{3}{4}$ lb.

- M-200 Net 43.83

402S OMNI-DIRECTIONAL DYNAMIC

Wide frequency response from 50-20,000 cps make this moving coil microphone practical for broadcasting and high quality recording. Has selection of 2 low and 1 high impedance. Output level—55db. Aluminum encased elements are shock mounted. Satin chrome and black. 8 $\frac{3}{4}$ " long, 1 $\frac{1}{2}$ " dia. Shpg. wt., $\frac{3}{4}$ lb.

- M-201 Net 46.75

403L OMNI-DIRECTIONAL LAVALIER

Perfect for broadcasting applications where a very compact lavalier or hand held microphone is needed. Dynamic element provides wide response from 50-18,000 cps. Dual impedance, 30/50 and 150/250 ohms. Output level—55db. With 25 ft. cable. Satin chrome and black finish. 3 $\frac{1}{2}$ " long, 1 $\frac{1}{4}$ " diam. Shpg. wt., 1 lb.

- M-202 Net 51.45

404L OMNIDIRECTIONAL LAVALIER

Small dynamic with response from 50-20,000 cps. Two low and one high impedance. 25 ft. cable. Output level—55db. 4 $\frac{1}{2}$ " long, 1 $\frac{1}{2}$ " dia.

- M-203 Shpg. wt., $\frac{3}{4}$ lb. Net 56.86

501 CARDIOID DYNAMIC

Designed to suppress background noise. 3 impedance ranges. Response from 15,000 cps. Output level—54 db. 5 $\frac{1}{2}$ " long, 1 $\frac{1}{4}$ " dia. Shpg. wt., 1 lb.

- M-204 Net 73.50

502S BROADCASTER CARDIOID

Studio dynamic with improved front pickup for broadcasting and recording. Response 30-16,000 cps. Impedance 30/50, 150/250 and 20,000 ohms. Output level—54db. Hum—120db. 7 $\frac{1}{4}$ " long, 1 $\frac{1}{4}$ " dia. Shpg. wt., 1 $\frac{1}{4}$ lbs.

- M-205 Net 86.26

ACCESSORIES

- CC 10 Cable Adapter with 25' cord. M-206 Shpg. wt., $\frac{3}{4}$ lb. Net 5.88
- SP 10 Cannon Plug adapter with switch. M-207 Shpg. wt., $\frac{1}{4}$ lb. Net 6.78
- PA 10 Cannon Plug adapter. Wt., $\frac{1}{4}$ lb. M-208 Net 6.17
- SA 10 Slide-On Stand Adapter. M-209 Shpg. wt., $\frac{1}{4}$ lb. Net 4.12
- SSP 10 Stand Adapter with switch and Cannon plug. Shpg. wt., $\frac{3}{4}$ lb. M-210 Net 10.88

NEW!

MOBILE TRANSISTORIZED SOUND SYSTEM

TEN WATT TRANSISTORIZED SHOULDER MEGAPHONE

• One Self-Contained Unit • Light Weight—7 lbs. With Battery • Can Be Shoulder Held • 10 Watt Transistor Amplifier • Unlimited Applications: Community Events, Auctions, Construction Operations, Emergency Work • Uses 6 "D" Flashlight Cells



This powerful sound broadcaster is completely self-contained in one compact, light-weight unit. It has the portability and flexibility needed for all field operations. Power amplifier, battery, and speaker are housed in an attractive carrying case which can be supported from the shoulder while operation is controlled with one hand. Hand-held microphone is a high gain crystal type with detachable spiral cord. Transistorized amplifier employs a trouble free printed circuit with push-pull output stage. The reflex horn speaker can be taken out of carrying case. Comes with 15 ft. attached cable. Jack for external speaker use. Convenient operation is provided with controls within easy reach of each other on top of case. Features 3 inputs—2 high impedance for dynamic or crystal microphones and 1 low impedance for radio or tape recorder use. Mixing circuit permits all three inputs to be used simultaneously. Amplifier is powered by 6 inexpensive "D" type flashlight cells or from external 9 or 12 volt battery. Comes complete with leather covered carrying case, microphone, leather carrying strap, microphone case, 2 input plugs and battery. Specifications: Output—10 watts max; Battery current drain—1.6 amp. at max. power output, D.16 amp at 0 power output. Output impedance 8 ohms, aux. speaker output impedance—8 ohms. Input impedance—(mic 1) 50 K ohms (mic 2) 150 K ohms, (radio) 4 ohms; Power source—6 "D" cells, 9v. or 12v. batteries. Speaker size—7 1/2"x4" mouth, 7 3/8" long. Carrying Case Size—11 7/8"x4 1/2"x8 1/4". H. Shpg. wt., 1 1/2 lbs. PA-102 5.00 Down Net 59.95



59.95



TRANSISTOR POWER 'PHONE 2-STATION TELEPHONE SYSTEM

29.95



- AVAILABLE FOR THE FIRST TIME — TRANSISTOR AMPLIFIED TELEPHONE HANDSETS!
- 125 MILE RANGE ON A SINGLE PAIR OF WIRES!
- EACH HANDSET HAS A COMPLETELY SELF-CONTAINED TRANSISTOR AMPLIFIER & BATTERY!
- WORKS WITH STANDARD "PEN-LIGHT" CELLS
- ANY NUMBER OF HANDSETS MAY BE USED IN A COMMON TALKING SYSTEM!

Lafayette brings you these unique transistorized telephone handsets at extremely low cost. Each handset is complete with its own transistor amplifier, buzzer, press-to talk pushbutton switch, buzzer pushbutton switch and shielded coiled cord (extendable to 6') with male and female connectors ready to connect to 2-wire cable. Each handset is handsomely styled in heavy, high impact resistance, moulded plastic. All stations are connected to the same 2-wire cable, and good signals can be received up to 125 miles with #22 wire! Everything is self-contained in each handset, and any number of handsets can be utilized. Buzzer tone is screwdriver-adjustable. Battery replacement (a single "Z" cell is used) needs no tools at all. SPECIFICATIONS: AMPLIFIER CURRENT—0.2 to 0.4 ma. average; BUZZER CURRENT—60 to 90 ma.; IMPEDANCE (INPUT AND OUTPUT)—600 ohms; OUTPUT VOLTAGE—approx. 2.44v. max.; POWER OUTPUT—10 mw. (approx. +10 db.) max.; MINIMUM POWER INPUT (SENSITIVITY)—0.002 mw. (approx. -27 db.); MAXIMUM LINE ATTENUATION—35 db. (0.175 db./km.); DISTANCE FOR COMMUNICATION—200 km. (125 miles); BUZZER FREQUENCY—400 cps.; BUZZER OUTPUT POWER—60 mw.; OPERATING TEMPERATURE—50°C. max.; POWER SUPPLY—Burgess "Z" or RCA VS034 battery cell. SHIPPING WEIGHT (PER PAIR)—3 1/2 lbs.

PA-8 2-Station Transistor Telephone System (2 units) ... 2.00 Down Net 29.95
PA-6 Single Transistor Telephone Unit. Shpg. wt., 2 lbs. Net 15.00
BA-155 Burg. Z or equiv. (1 per handset). Shpg. wt., ea. 1 lb. Net ea. .13
WR-221 ALPHA 1172—2-wire cable for telephone systems. Shpg. wt., 1 lb. per 100'. Net 2.4t

PISTOL

GRIP POWER MEGAPHONE

29.50

A LAFAYETTE SPECIAL



- WEIGHS ONLY 4 1/4 LBS. COMPLETE WITH BATTERIES • COMPACT ALUMINUM REFLEX HORN PROJECTS SOUND A CONSIDERABLE DISTANCE • IDEAL FOR LIFE GUARDS, COACHES, CONSTRUCTION GANGS, SPORTING EVENTS — PLUS HUNDREDS OF OTHER APPLICATIONS!

A lightweight new megaphone notable for its extreme economy in battery power despite its high sound volume output. Uses 4 large size D flashlight batteries (not tiny "penlight" cells as found in similar units) and has a patented non-linear current-limiting device to give maximum possible battery life. Weighs only 4 1/4 lbs.—just pick it up, aim, press the pistol-grip switch, and talk! The reflexed air column in the horn plus its special shape serve to concentrate and direct the amplified sound and throw it for a considerable distance! The rubber-rimmed horn is of lightweight spun aluminum and construction is extremely sturdy throughout. Microphone is built into the base of the horn. Batteries are simply replaced by loosening a single screw—done easily with a coin. Unit measures 12 1/2" long; mouth diameter is 8 1/4". Shpg. wt., 6 lbs.

PA-182 Power Megaphone 2.00 Down Net 29.50
BATTERIES FOR ABOVE—Burg. No. 2 or equiv. (4 required) Shpg. wt., 1 oz. ea. Net ea. .13



24.95

NEW!

POWER

MEGAPHONE

- One Complete Hand-Held Unit—Including Battery and Microphone
- Employs Powerful Low Drain Circuit
- Range Extends More Than 300 Yards
- Low Power—High Power Selection For Extra Battery Life
- Weighs Only 3 1/2 lbs. Complete With Battery

A new compact megaphone with a balanced trigger grip for one hand operation. In spite of its small size and light weight, it will provide an effective range of 1000 feet, out-distancing larger and heavier systems. Complete self-contained unit includes high efficiency horn speaker, battery pack and built-in microphone. Inexpensive to operate—it uses 4 standard "D" flashlight cells. High-Low power push-buttons allow battery conservation with reduced power or full power when it is needed. Rugged microphone is encased in metal. The perfect announcer for traffic direction in parking lots, boat to boat contact, life-guard use—any place where a penetrating voice is required. Battery can be replaced in seconds, without tools. Specifications: Battery current 200 ma @ 6V. max. Battery life 6 hours use approx. Horn diam. 6 1/4". Horn length 11 3/4". Handle length 5". Less Batteries. Shpg. wt., 6 lbs.

PA-223 2.00 Down Net 24.95
Battery for Above. Burg.No. 2 or equiv. (4 cells required). Shpg. wt., 1 oz. ea. Net ea. .13

AUDIO ACCESSORIES-PA SPEAKERS-BAFFLES



SWITCHCRAFT ADAPTERS — Shielded plug adapters for mikes & Hi-Fi cables

332—Phone jack input, female mike connector output. MS-861 Net 1.03	MS-864 Net .59
332A—2 cond. phone jack input to female mike output. Coupling ring back converts mike conn. to male type. MS-874 Net 1.03	342—Dual-purpose binding post/banana jack input, phono plug output. MS-865 Net 1.52
334A—Phono jack input to female mike connector output. MS-862 Net .73	343—Phono adaptors—female phono jack, in end of handle. Internal resistor circuit to adapt crystal phono pickup, or pickup radio or T.V. set to input of Tape recorder—as adaptor with magnetic phono, open plug panel twist together opposite leads of resistor. MS-876 Net 1.15
334B—Phono jack input to male mike connector output. MS-873 Net .73	345A—Phono plug output with phono jack input. MS-877 Net .73
336—Phono jack input, RCA phono plug output. MS-863 Net .85	346—Tip jack input to phone plug outlet. MS-867 Net 1.25
336A—2 cond. Phone jack input to phone plug output. MS-875 Net .85	349A—Phono plug coupler—with phono plug at each end. MS-878 Net .59
338A—Phono plug at one end with male mike connector at other end.	

SWITCHCRAFT "MINI-MIX" AUDIO MIXER

Miniature 2-input hi-impedance mike and phono mixers. Separate gain controls for mixing. Shielded housing. Ideal for use with tape recorders, musical instruments, phonographs, microphones. Size 2-1/8x1-3/16x1-1/16".

MS-858 Net 4.67		320
310—Phone jack inputs and phone plug output. MS-856 Net 4.67		325
8266—Cable assembly with plug and jack to use No. 310 where equipment jack is recessed. MS-872 (not illustrated) Net 2.20		310
315—Phone jack inputs and microphone connector output. MS-857 Net 4.67		315
325—For recorders or amps using Jones connectors including recessed type in Webster Tape Recorders. MS-859 Net 5.85		

NEW!

PA REMOTE SPEAKER

- For outdoor or indoor use
- Superior Voice Reproduction
- Also IDEAL as auxiliary Ham Speaker



Specially designed speaker and housing for superior voice reproduction. Versatile mounting base—weighted for desk use—easily installs on any flat surface. Excellent as a paging speaker or extension speaker. Gray and finished chrome color combination matches most modern equipment. Frequency response 150 to 10,000 cps. Rapid drop beyond cut-off point. Perfect for mobile installations. Input impedance 4 ohms. Measures 5 1/2" dia. x 5" deep x 7" high including base. Shpg. wt., 4 1/2 lbs.

HE-13 Net 8.95

NEW! 6" PAGING SPEAKER

Ideally suited for multiple use where maximum coverage is needed. A small high efficiency trumpet horn speaker weatherproofed and sealed for outside use. Provides high penetration over 90° spread. Rubber rim protects horn and prevents resonance. Rugged 180° swivel bracket locks securely with thumb screw. Very solid mounting with heavy cast mounting base. Power handling capacity 5 watts. Frequency cutoff 360 cycles. Impedance 8 ohms. Horn size: 6" diam. 4 1/4" deep, total depth 5 3/4". Base size: 2 3/4" diam., 3 3/4" holes on 1 1/4" centers. Heavy duty 2 conductor color coded lead. Shpg. wt., 3 lbs.

PA-103 Net 10.95

- 90° Dispersion
- Weather Proof
- Easily Mounted



LOWELL WALL & CEILING BAFFLES

E. Protective Baffle Enclosures—Ceiling mounting of baffles. CP for new constructions, XCP for existing ones. All have steel can, plastic ring and sufficient speaker back pressure. Shpg. wt.: CP6 and XCP6, 3 1/2 lbs. each; CP8 and XCP8, 4 1/4 lbs. each; CP1012 and XCP1012, 7 1/2 lbs. each.

Stock No.	Mfr. Type	Fig.	For Spkr.	Size	Lbs.	Net
PE-130	RS-6A	A	6"	10x4 1/2	1	2.94
PE-131	RS-8A	A	8"	12 1/2 x 1 1/2	1	3.26
PE-132	RS12-A	A	12"	16 1/2 x 1 1/2	1 1/4	4.07
PE-133	M8	B	8"	12 x 12 x 1 1/2	1 1/2	4.47
PE-134	AL6-A	C	6"	10 1/2" Dia.	1 1/2	4.41
PE-135	AL8-A	C	8"	12 1/2" Dia.	1 3/4	7.13
PE-136	AL12-A	C	12"	16 3/4" Dia.	3 1/4	9.00
PE-137	BL6-A	D	6"	7 1/4 x 12 1/4	3 3/4	7.64
PE-138	BL8-A	D	8"	8 1/4 x 14 3/4	4	12.94
PE-139	BL12-A	D	12"	9 1/4 x 18 3/4	6 3/4	15.88

Stock No.	Mfr. Type	For	Size I.D.	O.D.	Depth	Net
PE-140	CP6	AL6A, RS6A	7 1/2"	11 1/4"	4"	4.28
PE-141	CP8	AL8A, RS8A	8 1/2"	13"	4 1/2"	5.28
PE-142	CP1012	AL12A, RS12A	12 1/2"	17 1/4"	7"	7.25
PE-143	XCP6	AL6A, RS6A	—	7"	4"	3.77
PE-144	XCP8	AL8A, RS8A	—	8"	4 1/4"	4.73
PE-145	XCP1012	AL12A, RS12A	—	12 1/2"	7"	6.39

LAFAYETTE'S 25-WATT DRIVER UNIT

Fits All

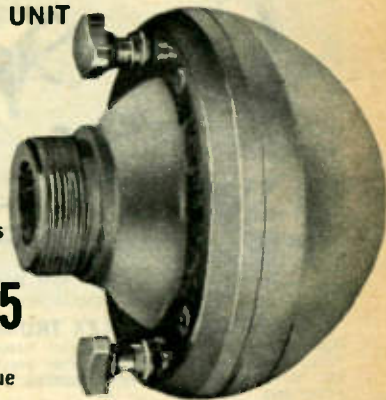
Trumpets

And

Projectors

9.85

18.00 Value



Hermetically sealed weatherproof driver unit. Delivers 25 watts of power. Perfect for any location where high volume with low distortion is desired. The PA-57 will fit any trumpet or projector of your choice without modification. The wide-range frequency response of 120-7,100 cps assures excellent reproduction of music and speech. 16 Ohm impedance matches all amplifiers. Size 4" Diameter, 3-5/8" depth. Shpg. wt., 3 3/4 lbs.
PA-57 Net 9.85



FOURJAY

The Patio Pair

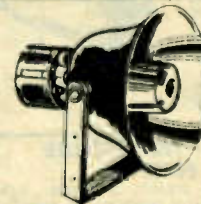
For

Outdoor Listening



The Patio Pair consists of a separate loudspeaker baffle with weatherproof speaker, and an attractive patio lamp. Identical in styling in green and white fiberglass with pipe fitting for 1" pipe. Speaker provides even dispersion of sound. Lamp accommodates up to 100-watt bulb.
Model S-DF1 8 WG Speaker Baffle. Includes 10-watt, 8" weatherproof speaker with 40-11,000 cycle range, 8-Ohm voice coil. Shipping weight 4 lbs.
PE160 Net 17.05
Model LMP 60/100 WG Lamp. Includes weatherproof ceramic socket, less bulb. Shipping weight 4 lbs.
PE161 Net 10.05

PAGING SPEAKER 90° DISPERSION 16.50

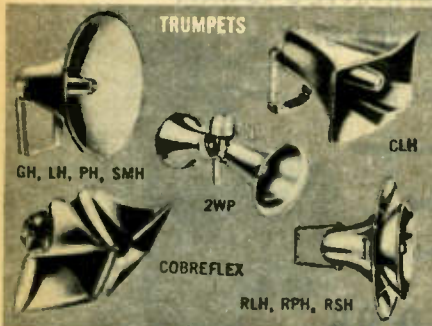


The high power handling capacity combined with maximum intelligibility make this a superior unit for paging and talk-back applications. Frequency Response 250-15,000 cps. Power capacity 30 watts. Impedance 8-ohms. 90° Dispersion. Equipped with a universal mounting bracket, weather proofed, tropicalized with hermetically sealed driver unit. 9 1/2" diam. x 8 1/4" deep the speaker lends itself to use in any P.A. situation. Shpg. wt. 8 1/2 lbs.

PA-55 90° DISPERSION PAGING SPEAKER Net 16.50



COMMERCIAL AND INDUSTRIAL LOUDSPEAKERS AND ACCESSORIES



DIRECTIONAL REFLEX TRUMPETS
High efficiency directional projector horns made of heavy gauge spun aluminum. Weather proof; gray finish. With universal "U" type mounting bracket, less driver unit.
Type GH: 85 cps cut off for music. Types LH and PH: 120 and 150 cps cut off for general use. Type SMH: 200 cps cut off for voice only.

Stock No.	Mdl.	Diam.	Lng.	Air Col.	Shpg. Wt.	Net
PE-75WX	GH	30 3/4"	27 3/4"	6 1/2"	22 lbs.	44.46
PE-76	LH	25 3/4"	19"	4 1/2"	16 1/2 lbs.	27.78
PE-77	PH	20 1/4"	15 3/4"	3 1/2"	11 3/4 lbs.	20.07
PE-78	SMH	16 1/4"	12"	2 1/2"	8 lbs.	16.97

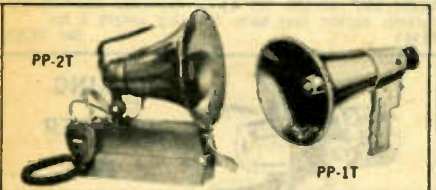
RADIAL TRUMPETS
Efficient horn units designed for vertical mounting, they provide uniform 360° horizontal dispersion in all directions, reducing the number of speakers required for a given area. Size: RLM, 18 1/2" high, 28 1/4" dia.; RPH, 13 3/4" high, 25 1/4" dia.; RSM, 11" high, 19" dia.

Stock No.	Mdl.	L. F. Cutoff	Air Col. Length	Shpg. Wt.	Net Price
PE-81WX	RLH	120 cps	5 ft.	25 lbs.	34.69
PE-82	RPH	140 cps	4 ft.	19 lbs.	27.64
PE-83	RSH	180 cps	3 ft.	13 lbs.	24.11

WIDE-ANGLE TRUMPETS
Reflex type with long air column—good speech articulation. Cobreflex has dual exponential flare design with 2 identical 1 piece aluminum castings. CLH has long air column, wide angle bell for low frequency response, and omnidirectional mounting bracket for both vertical and horizontal rotation. Affording a 120° dispersion. Both units use any University driver.

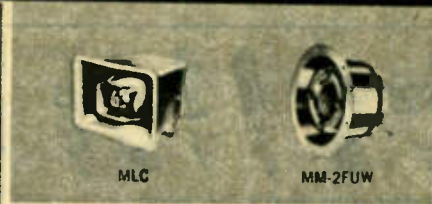
Stock No.	Model	LO Cutoff	Air Col. Depth	Shpg. Wt.	Net
GS-123	COBREFLEX	200 cps	2 1/2" 10 1/4"	10 1/4 lbs.	23.67
PE-80	CLH	120 cps	4 1/2" 20"	15 lbs.	27.34

ZWP BI-DIRECTIONAL SPEAKER
Bi-directional paging unit for providing economical coverage of two oppositely located areas with one driver unit. Adjustable mounting bracket permits aiming 100° downward or outward. Designed for use with MA-25, SA-HF, SA-30 or PA-HF driver (not included). 350 cycle low frequency horn cutoff. 120° dispersion of each horn. 8 1/2" dia. each bell, 20 1/2" long. Shpg. wt., 4 lbs. PE-84 Net 16.67



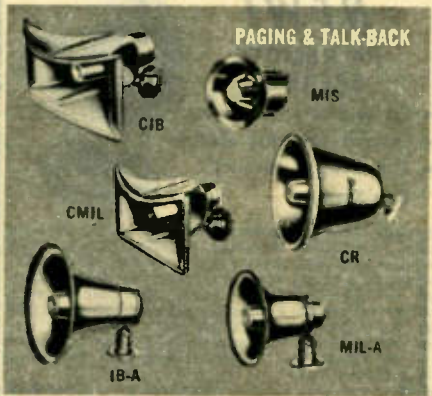
NEW MODEL PP-1T TRANSISTORIZED PORTABLE POWERPAGE
25 watt amplifier. Dynamic press-to-talk mike. Input for record player, etc. Reversible operation for sensitive listening. Uses 4 lattern batteries. Less batteries. Shpg. wt., 11 lbs.
PE-121WX 5.00 Down Net 166.55

NEW MODEL PP-2T PISTOL-GRIP POWERPAGE
Transistorized 5 watt amplifier. Has gain control and acoustic feedback suppressor. Response 400-5000 cps, ± 3 db. Uses 6 penlight or 10 RM601R mercury cells. Less cells. Shpg. wt., 5 lbs.
PE-122WX 5.00 Down Net 97.95



UNDERWATER SPEAKERS
Completely waterproof speakers for use in swimming pools. Excellent speech and music reproduction. Stainless steel protective cover for special nylon diaphragm and silicone treated gaskets. Heavy 18 foot connection cable with third wire for grounding. 25 watts. 16 ohms. MM-2UW—For bracket mtg: 6" O.D. 5" deep. Shpg. wt., 5 1/4 lbs. PE-119 Net 43.66
MM-2FUW—For flush mtg. 6 3/4" dia. circle 7 1/4" O.D. 3 3/4" deep. Shpg. wt., 6 lbs. PE-120 Net 43.66

HI-FI WEATHERPROOF COAXIALS
MODEL MLC COAXIAL SPEAKER SYSTEM — For music and paging. Exceptionally natural sound. 15 watts; 150-15,000 cps; 120° dispersion; 8 ohms; 1 3/4" x 9 1/4" x 10 1/4" D. Shpg. wt., 10 lbs. PE-116 Net 33.81



PAGING & TALK-BACK SPEAKERS

Small, weatherproof highly-efficient horns and drivers for maximum penetration in noisy and large areas.
Model 1B-A-8—Response 250-13,000 cps; power capacity 15 watts; 8 ohm voice coil; 90° dispersion angle; 10" diam. 9 1/4" deep. Shpg. wt., 4 lbs. PE-90 2.00 Down Net 20.29
Model 1B-A-45—Same as above with 45 ohm voice coil. PE-91 2.00 Down Net 21.17
Model 1B-A-4—Same as above with 4 ohm voice coil. PE-92 2.00 Down Net 21.17
Model MIL-A—Similar to 1B-A-8. Rated at 7.5 watts. 120° dispersion, 7 1/4" diam. 6 3/4" Deep. 8 ohm voice coil. Shpg. wt., 3 1/4 lbs. PE-93 Net 16.67
PE-94 Same, 45 ohm Net 17.74
PE-95 Same, 4 ohm Net 17.74
Model MIS-8—Compact reflex speaker similar to MIL-A-8, but designed for flange or flush mounting. 5 watts —150° dispersion 8 ohms—5 1/2" o.d.g. 4 1/4" deep. Shpg. wt., 3 1/2 lbs. PE-96 Net 17.30
PE-97 Same, 45 ohm Net 18.06
PE-98 Same, 4 ohm Net 18.06

WIDE ANGLE SPEAKERS
Model C1B-A-8 "Cobra" horn with uniform wide angle (120° x 60°) dispersion. 250 to 13,000 cps, 25 watts. Omnidirectional mtg. 7 3/4" x 14" x 12" D. 8 ohm voice coil. Shpg. wt., 5 1/2 lbs.
PE-123 8 ohm 2.00 Down Net 27.05
PE-124 Same, 45 ohm 2.00 Down Net 28.02
PE-125 Same, 4 ohm 2.00 Down Net 28.02
Model CMIL-A8 similar to C1B-A but 7.5 watts and 350-13,000 cps. Size: 6 1/4" x 9 1/4" x 8 1/2" D. Voice coil 8 ohms. Shpg. wt., 4 lbs. PE-126 8 ohm Net 19.25
PE-127 Same, 45 ohm 2.00 Down Net 20.05
PE-128 Same, 4 ohm 2.00 Down Net 20.05



UNIVERSITY DRIVER UNITS Standard Series

For all University trumpets. Hermetically sealed, tropicalized and weatherproof. MA-25 for general PA work; SA-HF for wider-range tonal response, superior noise penetration and greater efficiency; SA-30 similar to SA-HF but has built-in line matching transformer; PA-HF has highest efficiency and power rating; PA-50 similar to PA-HF, with built-in line matching transformer. PA-50 transformer taps: 2000/1000/500/250/165/100/16 ohms; 2.5/5/10/20/30/50 watts. SA-30 transformer taps: 2000/1000/500/250/165/45 ohms; 2.5/5/10/20/30 watts. All have 16 ohm voice coils.

Stock No.	Model	Response (CPS)	Watts	Shpg. Wt. Lbs.	Net
PE-85	MA-25	85-6500	25	3 3/4	16.76
PE-86	SA-HF	80-10,000	30	4 1/2	21.17
PE-87	SA-30	80-10,000	30	5 1/4	27.93
PE-88	PA-HF	70-10,000	50	5 3/4	27.93
PE-89	PA-50	70-10,000	50	6 1/4	33.81

Deluxe Series
NEW outstanding drivers for all University trumpets. ID-20 is ideal for low-cost general PA work; ID-30 is a deluxe version of the famous MA-25; ID-40 is a deluxe version of the SA-HF; ID-40T is the same as the ID-40 with a built-in transformer; ID-60 is a superb new driver with extra power handling capacity combined with maximum sensitivity; ID-60T same as ID-60 with matching transformer. The new deluxe line is available in a striking new, exclusive acrylic paint finish.

Stock No.	Model	Response (CPS)	Watts	Shpg. Wt. Lbs.	Net
PE-69	10-20	120-6500	20	3	14.70
PE-70	10-30	100-7500	30	3 3/4	18.50
PE-71	10-40	80-12,000	40	4 1/2	23.23
PE-72	10-40T	80-12,000	40	5 1/4	31.02
PE-73	10-60	70-12,000	60	5 3/4	31.02
PE-74	10-60T	70-12,000	60	6 3/4	37.19



UNIVERSITY ACCESSORIES

MODEL 5433 LINE MATCHING TRANSFORMER — 30 watt. Primary 45/165/200/250/500/1000/2000 ohms; secondary 4, 8 and 16 ohms; 70 volt line taps 30/25/20/10/5/2.5 watts. 1 3/4" x 2 1/4" x 1 3/4". 2 3/4" centers. Fits into CTR housing. Shpg. wt., 1 lb. Not illustrated. PE-108 Net 4.53

MODEL 5434 LINE MATCHING TRANSFORMER — 15-watt. Primary 45/325/500/1000/2000/4000/8000 ohms; secondary 4/8/16 ohms; power taps with 70 volt line 15/10/5/2.5/1.25/.65 watts. 1 5/8" x 1 1/4" x 1 3/4". 2" centers. Fits CTR and PB-1 housings. Shpg. wt., 3/4 lb. Not illustrated. PE-109 Net 3.88

MODEL CTR TRANSFORMER HOUSING AND JUNCTION BOX — Die-cast aluminum; weatherproof. Mounts on wall or trumpet "U" bracket or will hold any University paging speaker. Shpg. wt., 2 lbs. PE-110 Net 5.17

MODEL PB-1 TRANSFORMER HOUSING — Watershedding, weatherproof. For MIL, CMIL, IB and CIB paging speakers. Shpg. wt., 1 lb. PE-111 Net 2.43

MODEL PMA ADAPTER attaches any University U-type mounting bracket to standard 1/2" I.P.S. threaded pipe for mounting from ceiling, stands, etc. Shpg. wt., 3/4 lb. PE-112 Net 1.29

MODEL 2YC CONNECTOR adapts two compression drivers for use with single trumpet horn for uses where extra high power is required. Shpg. wt., 1 lb. PE-113 Net 7.76



Electro-Voice P.A. PROJECTORS and ACCESSORIES

PAGING SPEAKERS

- Model 844**—Efficient paging speaker for medium angle sound distribution. Extremely smooth response provides natural, pleasing paging without feedback. Rugged diecast horn. Rated 30 watts; 8 ohms 90° dispersion. Dimensions 9 7/8" diam. x 8 3/4" deep. Shpg. wt., 8 1/2 lbs.
PE-10 2.00 Down **Net 21.48**
- Model 844-45**—Same as 844, but with 45 ohm voice coil. Shpg. wt., 8 1/2 lbs.
PE-11 2.00 Down **Net 22.34**
- Model 847**—Utilizes famous CDP Principle. Frequency 250-10,000 cps. Uniform Dispersion 120°x90° area. Has two Fibreglass molded horns—each covering only half the voice range. Rated 25 watts; 16 ohms. Size 11 3/4"x7 3/4"x10 1/2". Shpg. wt., 10 lbs.
PE-12 2.00 Down **Net 29.99**
- Model 847-45**—Same as 847, but with 45 ohm voice coil. Shpg. wt., 10 lbs.
PE-13 2.00 Down **Net 30.77**

HI-FI OUTDOOR WEATHERPROOF SPEAKERS

- MUSICASTER**—High Fidelity performance is a compact portable system. Ideal for square dances, school auditorium, clubs and outdoor hi-fi. Die cast aluminum housing, weatherproof cone, and extended bass response through back-loaded folded horn. Response 60-13,000 cps; 8 ohms; 120° dispersion, power 30 watts. Dimensions: 21 1/2"x21 1/2"x8 1/2". Shpg. wt., 34 lbs.
PE-14WX 5.00 Down **Net 52.82**
- MUSICASTER II**—Same as above, except wider coverage up to 18,000 cps. Has built in Range Extender with crossover. Shpg. wt., 36 lbs.
PE-13WX 5.00 Down **Net 73.49**
- Model MB-1** Bracket to mount Musicaster flat against wall. Shpg. wt., 1 lb.
PE-16 **Net 2.85**

TRANSFORMERS AND ACCESSORIES

- Model TH**—Transformer Housing. Weatherproof. For any E-V Transformer. Has manual wattage indicator. No soldering required. Size 4" H x 5" W x 3 1/2" D. Shpg. wt., 2 1/2 lbs.
PE-17 **Net 5.00**
- Model TR-5**—5 watt 70.7-volt line transformer. Primary impedance taps 1000, 2000, 4000, 8000 ohms; 5, 2.5, 1.25 and .675 watt line power taps. 4, 8 and 16 ohms secondary impedances. Frequency response. ±2 db 55-20,000 cps. Dimensions: 2" x 1 1/4"x1 3/4". Shpg. wt., 1 lb.
PE-18 **Net 2.94**
- Model TR-15**—Same as TR-5 except 15-watt capacity. Primary impedances of 333, 500, 1000, 2000 ohms and 15, 10, 2.5 watt line power taps. Dimensions: 1 3/4" H x 2 3/8"W x 2 3/8" D. Shpg. wt., 1 1/2 lbs.
PE-19 **Net 3.50**
- Model TR-30**—Same as TR-5 except 30 watt capacity. Primary impedances of 167, 250, 500, 1000 ohms, and 30, 20, 10, and 5 watt line power taps. Dimensions: 1 3/4" H x 2" W x 2 3/8" D. Shpg. wt., 1 1/2 lbs.
PE-20 **Net 4.10**
- Model TR-50**—Same as TR-5 except 50 watt capacity. Primary impedances of 100, 125, 200, 333 ohms and 50, 40, 25 and 15 watt line power taps. Dimensions: 2" H x 2 3/8" W x 2 3/8" D. Shpg. wt., 2 lbs.
PE-21 **Net 5.29**
- Model AP-1**—Used to adapt E-V "U" bracket to 1/2" pipe. Shpg. wt., 1 lb.
PE-22 **Net 1.47**
- Model AD-1**—Driver adapter allows use of E-V Convertible Driver on horns with 1 3/4"-16 thread. Shpg. wt., 1 lb.
PE-23 **Net 1.76**
- Model AD-2**—Horn adapter allows use of E-V reentrant horns with drivers having 1 3/4"-16 thread. Shpg. wt., 1 lb.
PE-24 **Net 1.76**
- Model RA-1**—Radial Adapter instantly converts FC-100 horn or 848 projector to "radial" applications. Extends 2 1/2" in front of FC-100 horn with DC-30A. Shpg. wt., 1 lb.
PE-25 **Net 3.53**
- Model RE-35**—Range Extender for 848 or FC-100. Improves response and dispersion of highs-30 watt capacity. Response 3500-18,000 cps. 16 ohms. Complete with crossover, mounting bracket. Shpg. wt., 4 1/2 lbs.
PE-26 2.00 Down **Net 23.51**
- Model RE-36**—Range Extender kit. Converts Musicaster to Musicaster II. Includes driver, bevel, crossover and wiring harness. Shpg. wt., 4 1/2 lbs.
PE-27 2.00 Down **Net 22.05**
- Model 879**—Joining Kit for two or more 848, 848LT or FL-100 horns in multiple array. One kit required for each junction of two horns. Shpg. wt., 1 lb.
PE-28 **Net 1.82**

PROJECTOR HORNS

- Exclusive compound horns permit widest range at lowest distortion, plus complete directional control of both highs and lows.
- Model FC-100**—Similar to the CDP, but with 2 diffraction horns for uniform wide-angle coverage and reduced distortion. Flexible coverage control provided by individual adjustment of each horn. Large horn is of molded Fibreglass. Use only E-V driver. Specifications: Low-frequency horn cut-off 100 cps; taper, 100 cps; air column length 54"; sound distribution 80°; High Frequency sound distribution 90°x130°. Crossover 1,000 cps. Mouthsize 10 1/2"x20 1/2" depth (less driver), 20". Shpg. wt., 13 1/2 lbs.
PE-29WX 2.00 Down **Net 29.40**
- Model AC-100**—Concentrating version of CDP. Same specifications, characteristics and dimensions as FC-100, except utilizes round horns for most concentrated coverage with greatest efficiency. Shpg. wt., 13 1/2 lbs.
PE-30WX 2.00 Down **Net 27.84**
- Model HD 1000**—Diffraction horn for converting AC 100 to wide-angle (60°x120°) coverage above 1,000 cps. Shpg. wt., 1 1/2 lbs.
PE-31 **Net 3.52**
- Model HC 1000**—Concentrating horn for converting FC 100 to concentrated (30°) coverage above 1,000 cps. Shpg. wt., 4 lbs.
PE-32 **Net 5.88**
- Model 848**—Combines FC100 Compound Diffraction Horn plus DC 30 Compound Driver for a wide angle sound with extremely low distortion. Specifications: Frequency response 150-10,000 cps; impedance 16 ohms; dispersion 90°x120°; power handling capacity 30 watts. Dimensions: 10 1/2"x20 1/2"x20". Shpg. wt., 17 lbs.
PE-33 2.00 Down **Net 48.81**
- Model 848-45**—Same as 848, but with 45 ohm voice coil.
PE-34 2.00 Down **Net 49.41**

REENTRANT HORNS

- E-V reentrant horns provide wider range than ever before at lowest cost. Balanced highs are provided by unique E-V ring reflector design.
- Model FR150** Reentrant Horns. Medium angle rectangular fiberglass horn provides excellent coverage. Adjustable mounting angle. May be stacked for multiple speaker applications. Low silhouette. Accepts any standard driver. Specifications: Low frequency cut-off, 150 cps; taper 150 cps; air column length 45"; sound distribution 70°x100°; mouth size, 10 1/2"x20 1/2"; 21" depth (less driver). Shpg. wt., 12 lbs.
PE-37WX 2.00 Down **Net 22.83**
- Model AR150** Round, aluminum concentrating horn for maximum penetration at lowest cost. New exponential design achieves extremely wide range with remarkably natural voice and music quality. Rubber-edge damping ring eliminates resonances. Accepts any standard driver. Specifications: low frequency horn cut-off 150 cps; taper, 150 cps; air column length 41"; sound distribution 85°; diameter 12"; depth (less driver) 17". Shpg. wt., 8 lbs.
PE-38WX **Net 18.90**

VERSATILE CONVERTIBLE DRIVERS

Can be used interchangeably in compound or reentrant horns. Feature highest efficiency "peaked" response for finest intelligibility. Double flux ceramic magnets. Edgewise-wound ribbon voice coils. Rugged and weatherproof. Available with 16 or 45 ohm voice coils and built-in 70.7 volt line constant voltage transformers.

E-V Model No.	16 OHM VOICE COIL		45 OHM VOICE COIL		Freq. Resp.	Watts	Shpg. wt.
	Stock No.	Net each	Stock No.	Net each			
DC30A	PE-39	18.23	PE-48	19.11	150-10,000	30	4 lbs.
DC30T*	PE-41	24.11			150-10,000	30	5 lbs.
DC40	PE-42	23.52	PE-43	24.40	140-11,000	40	5 lbs.
DC40T*	PE-44	30.87			140-11,000	40	6 lbs.
DC50	PE-45	30.87	PE-46	31.75	140-11,000	50	6 lbs.
DC50T*	PE-47	37.34			140-11,000	50	7 lbs.

* With multi-tap line matching transformer.

Challenger PUBLIC ADDRESS AMPLIFIERS by Bogen



CHA-33 33 WATT P.A. AMPLIFIER

FEATURES: Base and treble tone controls • 70 volt output tap • Available with 3-speed phono top with Ronette cartridge • Suggested for larger auditoriums, factories, airports, larger warehouses, night clubs.

SPECIFICATIONS — RESPONSE: 30-15,000 cps \pm 2 db. **INPUTS:** 2—mike, 1—phono. **GAIN:** Mike—120 db; phono—82 db. **CONTROLS:** 2—mike, phono, bass, treble. **OUTPUT TAPS:** 4, 8, 16 and 148 ohms and 70 volt. **TUBES:** 2—6L6GB, 2—12AX7, 6AV6; 2—5Y3GT (Rectifiers). **POWER:** 135 w., 117 v., 60 cps AC. **DIMENSIONS:** CHA33—14 $\frac{1}{2}$ "w x 8 $\frac{1}{2}$ "d x 6 $\frac{1}{2}$ "h; CHA33Y—14 $\frac{1}{2}$ "w x 8 $\frac{1}{2}$ "d x 10 $\frac{3}{4}$ "h. **CHALLENGER CHA33—33-watt amplifier complete (Shpg. wt., 27 lbs.).**

PA-309WX 5.00 Down Net 69.00
CHALLENGER CHA33Y—33-watt amplifier with built-in phono top. Ronette turnover cartridge (Shpg. wt., 30 lbs.).

PA-313WX 5.00 Down Net 87.90

CHA-75A 75 WATT AMPLIFIER

FEATURES: Wide tonal range • 2 microphone inputs, 1 phonograph input, each individually controlled • Features the EXCLUSIVE Bogen Controlled Positive Feedback Circuit which assures perfect output regulation with varying load and improved distortion figures, transient response and low frequency power handling characteristics • Fixed bias on power stage control grids for maximum safety • 70 volt and balanced 25 volt output taps • Separate boost/cut bass and treble tone controls • Plug-in speaker connection • Decorator styling • Recommended for large stadia, meeting halls, factories, warehouses, airports, railroad stations, church carillon and steeple music systems, theaters.

SPECIFICATIONS — RESPONSE: 20-20,000 cps \pm 2 db. **INPUTS:** 2 microphone, 1 phonograph. **GAIN:** microphone 120 db, phonograph 85 db. **HUM AND NOISE:** microphone—55 db, phonograph—70 db below rated output. **CONTROL ACTION:** treble (10Kc) \pm 5 db to —17 db; bass (60 cps) \pm 12 db to —12 db. **OUTPUT TAPS:** 4, 8, 16, 65 ohms, 70-volt and balanced 25-volt line. **CONTROLS:** 2 microphone volume, 1 phonograph volume, bass, treble. **TUBES:** 4—6AV5A, 12AX7, 6U6, 6CM7, 6U8; 3—5Y3GT (Rectifiers). **POWER:** 370 watts at full signal; 117 volts, 60 cps AC. **OIM:** 17 $\frac{1}{4}$ "w x 12d x 6 $\frac{1}{2}$ "h. **CHALLENGER CHA75A—75 watt amplifier complete, 43 lbs.**

PA-317WX 5.00 Down Net 105.00

VERSATILE MX-6 MIXER-PREAMPLIFIER

FEATURES: Self-powered • 4 microphone and 2 radio-phonograph inputs • Any 4 channels may be used at the same time • All channels individually controlled for mixing and fading • Cathode follower output — permits long cable to amplifier • Connects to high impedance radio/phonograph input of any amplifier or tape recorder • 6 volts output • Low hum level.

SPECIFICATIONS — OUTPUT VOLTAGE: 6 volts. **FREQUENCY RESPONSE:** 50-15,000 cps \pm 2 db. **GAIN:** Mike—59 db, Phono—30 db. **HUM:** 70 db below 6 volts. **OUTPUT IMPEDANCE:** Less than 1000 ohms. **CONTROLS:** 2—mike volume, 2—mike or ohno volume, on-off. **TUBES:** 2—12AX7, 12AT7. **DIMENSIONS:** 8x4 $\frac{3}{4}$ x6 $\frac{1}{2}$ ". **POWER CONSUMPTION:** 10 watts, 117 volts, 60 cps AC. Shpg. wt., 3 lbs.

PA-324 BOGEN MX-6 2.00 Down Net 39.00



BOGEN DELUXE MX-30 AND MX-60 P.A. AMPLIFIERS

MODEL MX-30. A superbly designed amplifier for the installation requiring more sound flexibility than ordinarily obtained in a PA amplifier. Frequency response \pm 2 db from 35 thru 20,000 cps. Features: Power output of 30 watts; Distortion: less than 2% at rated output; Four microphone inputs and controls; Gain: microphone—120 db, tuner—80 db, crystal phono—80 db, magnetic phono—115 db, hum suppressed 60 db below rated output; Treble control (10Kc) \pm 10 db; Bass control (60 cps) \pm 10 db; Output impedances to match 4, 8, 16 and 163 ohms and 25 or 70 volt balanced lines. 1—6Z34, 2—6L6GC, 4—12AX7, 1—7247. Size: 16 $\frac{1}{4}$ " wide, 13 deep, 5 $\frac{3}{4}$ " high. Shpg. wt., 31 lbs. For 110-120 volts, 60 cps AC.

PA-325WX 5.00 Down Net 135.00

MX-60. Identical to the MX-30, the MX-60 is engineered for the system requiring accurate reproduction in very large areas. The perfect unit for schools, auditoriums, concert halls, banquet halls and sports arenas. Wherever fidelity and power are prime requirements the MX-60 should find a place. 60 watts output at less than 1% distortion. Featuring: A master as well as individual gain controls for the 4 separate inputs; exclusive variable level indicators; output impedance to match 4, 8, 16 and 83 ohms, and 25 or 70 volt balanced line; frequency response \pm 2 db from 35-20,000 cps; hum 60 db down at full output; treble control (10Kc) \pm 10 db; bass control (50 cps) \pm 10 db. **Tubes:** 3—6Z34, 2—7027A, 4—12AX7, 1—7247. Size: 16 $\frac{1}{4}$ " wide x 13 deep x 5 $\frac{3}{4}$ " high. Shpg. wt., 37 lbs. For 110-120 volts, 60 cps AC.

PA-323WX 5.00 Down Net 174.00

ACCESSORIES FOR MX-30 AND MX-60

Precision quality deluxe phono attachments supplied in kit form includes phono top, mounting brackets, and hardware.

LPB-4 PHONOTOP KIT includes: 4 speed turntable, variable speed control, tone arm, and Ronette turnover cartridge. Shpg. wt., 6 lbs.

PA-327W 2.00 Down Net 41.40

LK-2 Control guard locking plates for locking in control settings of the amplifiers. Shpg. wt., 2 lbs.

PA-326W Net 4.65

CHA-620Y 20 WATT MOBILE P.A. WITH BUILT IN 3-SPEED PHONO TOP

FEATURES: For 6 volts DC, 12 volts DC, or 117 volts AC • Battery-to-AC inverter built-in for 117 volts 60 cps AC to built-in or external phonograph • Separate boost/cut bass and treble tone controls • Plug-in speaker connection • Only 15 ampere battery drain at 6 volts, 7 $\frac{1}{2}$ ampere at 12 volts • 70 volt output tap • Available with 3-speed phono top with Ronette turnover cartridge • For sound trucks, political meetings, revival meetings, auditoriums, churches.

SPECIFICATIONS — RESPONSE: 30-15,000 cps \pm 2 db. **INPUTS:** 1—mike, 1—phono. **GAIN:** Mike—120 db; phono—76 db. **HUM:** (phono)—75 db; (Mike)—55 db below rated output. **OUTPUT TAPS:** 4, 8, 16, 245 ohms and 70 volt. **CONTROLS:** Mike, phono, bass, treble, master power switch, phono motor on-off. **TUBES:** 2—6V6GT, 2—12AX7; 6AX5GT (Rectifier). **POWER CONSUMPTION:** 80 watts, 117 volts, 60 cps AC; 88 watts, 6 volts DC or 12 volts DC, with phono. **OIM:** CHA620—15 $\frac{1}{4}$ "w x 10d x 8 $\frac{1}{2}$ "h; CHA620Y—15 $\frac{1}{4}$ "w x 10d x 10 $\frac{3}{4}$ "h. 30 lbs.

CHALLENGER CHA620Y — 20-watt universal mobile amplifier with tubes, cage and AC and battery cables and built-in 3-speed phono top with Ronette turnover cartridge (Shpg. wt., 30 lbs.).

PA-322WX 5.00 Down Net 120.00

CHALLENGER CHA620 — 20-watt universal mobile amplifier with tubes, cage and AC and battery cables (Shpg. wt., 27 lbs.).

PA-320WX 5.00 Down Net 105.00

CHA-20 20 WATT P.A. AMPLIFIER

FEATURES: Separate boost/cut bass and treble tone controls • 70-volt tap • Available with 3-speed phono top with Ronette turnover cartridge • Recommended for schools, churches, small warehouses, garages.

SPECIFICATIONS — RESPONSE: 30-15,000 cps \pm 2 db. **INPUTS:** 1—mike, 1—phono. **GAIN:** Mike—120 db, phono—76 db. **OUTPUT TAPS:** 4, 8, 16, 245 ohms and 70 volts. **CONTROLS:** Mike, phono, bass, treble, on-off. **TUBES:** 2—6V6GT, 2—12AX7; 6AX5GT (Rectifier). **POWER:** 80 w., 117 v., 60 cps AC. **OIM:** CHA20—14 $\frac{1}{2}$ "w x 8 $\frac{1}{2}$ "d x 6 $\frac{1}{2}$ "h; CHA20Y—14 $\frac{1}{2}$ "w x 8 $\frac{1}{2}$ "d x 10 $\frac{3}{4}$ "h. **CHALLENGER CHA20 — 20-watt amplifier complete (Shpg. wt., 20 lbs.).**

PA-303WX 5.00 Down Net 54.60

CHALLENGER CHA20Y — 20-watt amplifier with 3-speed phono top, Ronette turnover cartridge, tubes and cage (Shpg. wt., 23 lbs.).

PA-306WX 5.00 Down Net 73.50

CHA-10 10 WATT P.A. AMPLIFIER

FEATURES: SELECTONE switch • Plug-in speaker connection • Microphone jack on front panel • Decorator styling • Ideal for carnivals, store demonstrations, restaurants, small clubs, schoolrooms.

SPECIFICATIONS — RESPONSE: 30-15,000 cps \pm 2 db. **INPUTS:** 1—mike, 1—phono. **GAIN:** Mike—115 db; phono—76 db. **HUM:** (Phono)—70 db; (Mike)—55 db. **OUTPUT TAPS:** 4, 8 and 16 ohms. **CONTROLS:** Mike, phono, SELECTONE, on-off. **TUBES:** 6L6GB, 6AU6, 6AV6; 6BW4 (Rectifier). **POWER:** 70 w., 117 v., 60 cps AC. **OIM:** 11w x 7 $\frac{1}{2}$ d x 6 $\frac{1}{2}$ h with cage.

CHALLENGER CHA10 — 10-watt amplifier less cage (Shpg. wt., 10 lbs.).

PA-300 2.00 Down Net 36.90

CAG10 — Cage for CHA10 Amplifier (Shpg. wt., 3 lbs.).

PA-301 Net 3.90

CHALLENGER CHA10S — Complete 1—speaker-Portable System. Includes 1—CHA10 complete; 1—8" PM speaker mounted in portable carrying case. 1—Bogen-EV 927 crystal microphone with stand, 10' mike cable and MC1F connector. 28 lbs.

PA-302WX 5.00 Down Net 90.40

BOGEN BT-25 25 WATT TRANSISTORIZED MOBILE P.A. AMPLIFIER

- USE ON 6 OR 12 VOLTS
- 85% LOWER CURRENT DRAIN THAN TUBES
- COMPLETELY HUM FREE
- 1 YEAR GUARANTEE

Transistorized circuitry provides maximum power with minimum battery drain. Draws only 3 amperes from a 12 volt battery at full output, 85% lower than a comparable



vacuum tube amplifier, 1.4 amperes at 6 volts. Two inputs provided for Mic. and Aux. can be controlled individually by front panel knobs. Rugged construction assures long, trouble-free service. Perfect for use in cars, trucks and buses for regular and emergency use. Ideal unit for fire and police departments because of hefty power output. Light and compact for easy removal and transportation.

SPECIFICATIONS — OUTPUT POWER: 25 watts (45 watt peaks); **RESPONSE:** 400-6000 cps; **CONTROLS:** Microphone gain, auxiliary gain, on-off, and 6 volt-12 volt selector (inside chassis); **GAIN:** 103 db; **DISTORTION:** Less than 10% at full output; **OUTPUT IMPEDANCE:** internal connection for 2-4, 8, or 16 ohms; **WEIGHT:** 3 lbs.; **SIZE:** 3 $\frac{3}{4}$ " x 4 $\frac{3}{4}$ " x 6 $\frac{1}{2}$ " high. Ideal wherever a small, high-powered, reliable PA amplifier is needed. Shpg. wt., 5 lbs.

PA-345 5.00 Down Net 72.00

BOGEN ELECTRONIC & TELEPHONE TYPE INTERCOMS

Bogen

Challenger



OFFICE INTERCOMS



BOGEN TELEPHONE INTERCOM EQUIPMENT

T-Q-SERIES

COMMON TALKING SYSTEMS

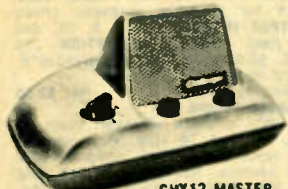
- RELIEVE REGULAR TELEPHONE LINES
- REACH ANYONE IN YOUR OFFICE INSTANTLY
- NO DIALING; JUST PUSH A BUTTON

CHM6A and CHM12A Master
MASTER-TO-REMOTE SYSTEM: Model CHM6A Master can converse with any one or all of up to 5 remotes; Model CHM12A to 11 Remotes. Remotes have "Talk" bar to originate calls to Master; once contact has been established they no longer need use the Talk bar and these Remotes may be mounted on shelves out of the way of prying fingers if call-origination from Remotes is not required. Remotes cannot talk with each other only with the Master.

ALL-MASTER-SYSTEM: Up to 6 stations in a model CHM6A All-Master System; up to 12 stations in a Model CHM12A All-Master System. Both models may be used in a single system if desired. Model CHM6A has an "All" position and may talk to all stations at once; Model CHM12A Master may have conferences; any All-Master System may have any number of separate conversations going on simultaneously, without interference, up to the limit of the number of stations. Any station can call any other station, even if the called station's power is off. Power must be turned on to reply.

All Masters are housed in sturdy, good-looking thermo-setting phenolic plastic cabinets; size 10x5 1/4 x 4 1/4" d. Remotes are 5 3/4 x 4 1/2 x 4 3/4" d. Masters have "Mute" (standby) position to eliminate noise from Remote stations while remaining ready to receive calls from Remotes; also provided are spring-return press-to-talk switch and volume control with on-off switch. Model CHR Remotes have press-to-talk switch. 117 volts AC or DC. Shpg. wt., of Masters is 7 lbs.; Remote, 3 lbs. FOR WIRE, SEE "WIRE REQUIREMENTS"

PA 335 CHM6A	2.00 down	27.57
PA 336 CHM12A	2.00 down	29.97
PA 337 CHR		7.77



CHX12 MASTER



CHXR REMOTE

NEW! BOGEN CHALLENGER INTERMIX SYSTEM

The new model CHX12 Intermix system gives you total intercom flexibility. Up to 12 CHX12 masters and CHXR remotes can be combined in any variation. However, you must use a minimum of 2 CHX12 masters and one or more remotes. Remote has added feature of a station selector switch enabling the remote to initiate & select calls to any one of six CHX12 masters. The Model CHX12 master uses 3 tubes with tri-stage amplification. Dimensions for the CHX12 Master: 5 1/4 x 10 1/2 x 4 3/4"; for the CHXR remote: 3 1/2 x 5 1/2 x 3 3/4". For 117 V, AC-DC. Shpg. wts., Masters 7 lbs., Remotes 3 lbs.

PA-346 CHX12	2.00 Down	Net 37.80
PA-347 CHXR		Net 10.50

WIRE REQUIREMENTS FOR BOGEN-CHALLENGER INTERCOMS

WIRE REQUIREMENTS FOR CHM6A and CHM12A ALL-MASTER SYSTEMS — Run a multi-wire cable from the first station and end with the last, using 1 wire more than the total number of stations. For CHM6A AND CHM12A MASTER-TO-REMOTE SYSTEMS — Use a separate length of WR-115 3 wire cable from the Master to each Remote. For CHM6A and CHM12A INTERMIXED SYSTEMS — Run Master-to-Master cable separately as above and individual Master-to-Remote cables, as above.

For CHX12 Multiple Master-Multiple remote system: Between CHX12 masters run a multi-wire cable from 1st station & end with last station using 1 wire more than total number of masters in use. CHXR remotes require 2 individually shielded conductors (2 of WR-119) to each master.

CABLE PRICES PER 100'			
No.	Desc.	Shpg. wt., 100'	Net
WR-119	1-wire shielded	1 1/2 lbs.	3.35
WR-221 (Alpha 1172)	2-wire	2 lbs.	2.46
WR-115	3-wire	3 lbs.	2.45
WR-116	5-wire	3 1/2 lbs.	3.65
WR-117	7-wire	4 lbs.	5.25
WR-118	9-wire	5 1/2 lbs.	5.78
WR-413 (Belden 8743)	12-wire	6 lbs.	5.88
WR-415 (Belden 8744)	18-wire	7 lbs.	7.94

Bogen-Phones are the perfect answer to tied-up switchboards. Wonderful for inter-office calling while holding customers on the regular telephone line. Just press a button... a buzzer sounds at the station or stations called. You are instantly connected when the receiver there is lifted. Selective ringing, common talking; allows only 1 conversation at a time. "Conference" feature lets you talk to as many stations at once as there are receivers in the system. Three models are available to handle up to 13 stations. All stations are housed in impact-resistant gray plastic. Rubber feet on the base prevent sliding. Each handset has a 4 ft. cord, self-coiling to prevent snarling. A single 110v AC input power supply serves each entire system. Each station is supplied with a 6 ft. master cable and a junction box for easy wiring and supplied ready for desk or wall mounting. An adhesive push-button-directory tape is supplied with each station. Cable required between stations—3 conductors more than number of stations. Shpg. wt., 5 lbs. per unit.

PA-340 1-Button, 2-Station Handset (per Pair)	2.00 Down	Net 37.45
PA-341 6-Button, 7-Station Handset (up to 7 may be used in a system)	2.00 Down	Net each unit 20.95
PA-349 12-Button, 13-Station Handset (up to 13 in a system)	2.00 Down	Net each unit 22.45
PA-342 Power Supply for TQ-1, TQ-6 and TQ-12 Shpg. wt., 4 lbs.	2.00 Down	Net 22.50

TRA PAGING ACCESSORY FOR TQ-SERIES SYSTEMS

Now you can page from any place in plant or office. Any desk, any phone operator, any executive who has need to page simply lifts the handset of his Bogen TQ-Series telephone intercom, presses the station button reserved for PAGE, and his message is transmitted through the P.A. system, with the aid of the TRA Paging Adapter. The TRA incorporates a relay, a volume control for the telephone paging circuit, and an input jack. You may be sending music through the P.A. system — the TRA automatically shuts it off when you page — and paging may be at a different level than the music. Uses same PRS-1 power supply as rest of system, and connects with same wiring as a TQ-type station. May be used with any P.A. amplifier. Shpg. wt., 3 lbs.

PA-338 TRA ADAPTER	40.00	2.00 Down	Net 24.00
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Wiring Requirements For TQ Series — Use 3 wires more than total number of stations. Cable must run from station to station, starting with first station and ending with last. TRA Paging adapter connects into system like any other station.

WR-116	5 cond. wire, per 100', Shpg. wt. 3 1/2 lbs.	Net 3.65
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BOGEN PRS-5 MULTI-MIX POWER ADAPTER

For use with TQ-12 or TQ-6 phones, a P.A. amplifier, and up to 5 remote speakers. Provides intercommunication between phones as well as between phones and speakers, and paging from any phone to all remote speakers.

Includes one relay; one additional relay required for each speaker. Size 11x7x6". Shpg. wt., 8 lbs.

PA-344	5.00 Down	Net 88.42
PA-348 RY-1 Plug In Relay		Net 10.65
Wire requirements: A 3 wire unshielded cable connects the closest TQ phone & PRS-5. Single unshielded conductor connects PRS-5 to remote speaker.		
WR-115 3 cond. unshielded per 100'		Net 2.45
WR-119 1 cond. shielded per 100'		Net 3.35
WR-117 7 cond. per 100', Shpg. wt., 4 lbs.		Net 5.25
WR-118 9 cond. per 100', Shpg. wt., 5 1/2 lbs.		Net 5.78
WR-413 12 cond. per 100', Shpg. wt., 6 lbs.		Net 5.88
WR-415 18 cond. per 100', Shpg. wt., 7 lbs.		Net 7.94

"HOME COMMUNO-PHONE" INTERCOM



FC2



FR4



FR5



PS11B

Two-way Intercom system for built-in mounting in walls for up to 10 stations (up to 6 masters and 4 remotes, or 1 master and up to 9 remotes). Masters may call any other station and may monitor other masters, as well as remotes. Separate power supply amplifier automatically returns to "stand-by" when system is not used—draws practically no power. Back boxes, separately available, permit buying in stages. They may be installed during house construction, with intercom units just slipped in when house is finished.

FC2 MASTER STATION With Volume, Function and Selector switch. 11 1/2" wide x 4 1/2" high. Shpg. wt., 2 1/2 lbs.

PA-185 List 25.75	Net 15.45
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PA-186 RBFC2 REAR BOX For FC2, 10 3/4 x 3 1/4 x 3 3/4" d. Wt., 1 1/2 lbs.

Net 2.93

FR4 REMOTE STATION With beige and brown finish. 5 1/2 x 4 1/2" h.

PA-191 Shpg. Wt., 1 1/2 lbs.	Net 7.20
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PA-187 FR5 REMOTE STATION As above, but with push-button for doorbell. Net 8.10

RBR BACK BOX For remotes. 4 3/4 x 3 1/4 x 2 1/4" d. Shpg. wt., 1 lb

PA-188	Net 2.06
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PS11B POWER SUPPLY AMPLIFIER One required for each system. For 110-120 VAC 15 watts (1 watt standby). With master On-Off switch. Panel 10x10" w. Shpg. wt., PA-189 Shpg. wt., 6 lbs. List 51.50

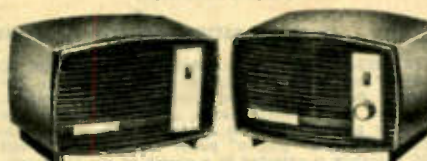
Net 30.90

PA-190 RBPS BACK BOX For Power Supply 8x8x4" deep. Wt., 5 lbs.

WIRING REQUIREMENTS (1) Run a cable common to all masters. Use 4 twisted pairs plus one pair for each station (remotes and masters). (2) Run 3 pair cable from power supply to nearest master. (3) Run 1 pair cable from each remote to nearest master. (4) Connect Power supply to AC power line.

WR-12 1 pair, net per 100 ft.	.89
WR-409 (Belden 8741) 2 pair, net per 100 ft.	2.89
WR-411 (Belden 8742) 3 pair, net per 100 ft.	3.82
WR-413 (Belden 8743) 6 pair, net per 100 ft.	5.88
WR-439 (Belden 8753) 11 pair, net per 100 ft.	10.73

BOGEN "CHALLENGER TWOSOME" 2-STATION SYSTEM



ONLY **26.97** COMPLETE WITH 50' CABLE

A new high-powered 2-station intercom with high sensitivity for picking up the slightest sound at either end and reproducing it with sufficient volume at the other end. The master station has a volume control which regulates both Master and Remote, and a Talk-Listen switch. The Remote has a Talk-Listen switch and also has a Privacy switch which permits "at-will" conversion of the Remote to non-private operation in which the Remote can be used as a pickup point for baby-sitting etc., in which you can reply to calls from the Master without the need to operate the Remote's Talk-Listen switch. Installation is simple — the 50 feet of 3-wire cable supplied is easily connected to the Remote station. Power consumption of the Master is 25 watts at 117 volts, AC or DC. Size of each station is 7 3/4 x 5 3/4 x 5 1/4" high. Shpg. wt., (complete system), 6 lbs.

PA-338 (CHS2) Twosome System, incl. Master, Remote, and 50' cable. List Price 46.05	2.00 Down	Net 26.97
WR-115 Additional 3 Conductor wire per 100'		Net 2.45

LAFAYETTE PUBLIC ADDRESS AMPLIFIERS

All Lafayette Amplifiers Are Guaranteed FOR ONE FULL YEAR



29.70

ONLY 2.00 DOWN

LAFAYETTE MODEL PA-60

FEATURES: Provides extensive coverage for store demonstrations, clubs, churches, offices, classrooms, auction sales, entertainment. Incorporates latest circuit features for improved performance. Separate volume controls permit mixing microphone and phono. 2 speaker output sockets. Cabinet is finished in baked hamerloid enamel.

SPECIFICATIONS: TUBES: 12AX7, 6L6GC, 6X5GT (Rectifier). **INPUT GAIN:** Microphone

10-WATT P.A. AMPLIFIER

105 db, Phono 65 db. **FREQUENCY RESPONSE:** 70 to 10,000 cps \pm 2 db. **CONTROLS:** Microphone, Phono, Tone, Power Off-On. **INPUTS:** 2; 1-Microphone and 1-Phono. **OUTPUT IMPEDANCES:** 4, 8, 16 ohms and 500 ohms (70 volt line). **MUM AND NOISE:** 60 db below rated output. **POWER CONSUMPTION:** 70 Watts. **SIZE:** 10 $\frac{1}{2}$ Wx5 $\frac{1}{2}$ Dx6"H. **SHIPPING WEIGHT:** 12 $\frac{1}{2}$ lbs.

PA-60W Complete with Tubes Net 29.70

LAFAYETTE MODEL PA-61

FEATURES: New improved circuit features ensure top performance. Uses 6V6GT hi-fi output tubes and designed to give wide range response. Meets power requirements of chapels, clubs, schools, restaurants and industrial plants. Covers up to 50,000 square feet when used with trumpet type speakers. Chassis equipped with 2-speaker output sockets. Housed in well ventilated case of all steel construction. Large instrument type control knobs. Cabinet is finished in baked hamerloid enamel.

SPECIFICATIONS: TUBES: 2-12AX7, 2-6V6GT, 6AX5GT (Rectifier). **INPUT GAIN:** Microphone 120 db, Phono 80 db. **FREQUENCY RESPONSE:** \pm 2 db from 30-15,000 cps. **TONE CONTROLS:** Bass \pm 15 db at 50 cps; Treble \pm 15 db at 10,000 cps. **POWER OUTPUT:** 20 Watts. **IN-**

20-WATT P.A. AMPLIFIER

PUTS: 2; 1-Microphone and 1-Phono. **OUTPUT IMPEDANCES:** 4, 8, 16 and 333 ohms (70 volt line). High impedance output for coupling booster amplifier. **MUM LEVEL:** 68 db below rated output. **CONTROLS:** 5; Microphone, on-off, Bass, Treble, Phono. **POWER CONSUMPTION:** 75 Watts. **SIZE:** 11 $\frac{1}{2}$ Wx12 $\frac{1}{2}$ V.A.C. 60 cycles. **SIZE:** 14Wx8Dx6"H. **SHIPPING WEIGHT:** 19 lbs.

PA-61WX Complete with Tubes Net 42.50

PA-61



42.50

ONLY 2.00 DOWN

LAFAYETTE MODEL PA-62

FEATURES: Ideal for use in churches, schools, small theaters, lecture halls and industrial plants. Priced extremely low to give extra profits to rentals and sales. Separate bass and treble tone controls, permits adjustments to meet all acoustic requirements. Two mike inputs; optional 4-speed phono top. 70 volt constant voltage output tap. Provides coverage up to 100,000 square feet when used with trumpet type speakers. Chassis is equipped with 2-speaker plug-in output sockets. Unit is housed in sturdy steel, well-ventilated cabinet. Modern streamlined styling. Finished in baked hamerloid enamel. Removable escutcheon plate for rack and panel mounting.

SPECIFICATIONS: TUBES: 3-12AX7, 2-6L6GC, 5U4GB (Rectifier). **POWER OUTPUT:** 30 Watts. **INPUT GAIN:** Microphone 125 db, Phono 82 db $\frac{1}{2}$ Meg. **FREQUENCY RESPONSE:** 30 to 15,000 cps, \pm 2 db. **TONE CONTROLS:**

4-SPEED PHONO TOP

For above amplifier. Fits in place of cover. Plays all speeds—78, 34 33 $\frac{1}{2}$ and 16 $\frac{1}{2}$ RPM. Has constant 4-speed motor, with turnover cartridge, complete with two precious metal needles. Has arm-rest and plug connection; for 117 volts, 60 cycle. Shpg. wt., 10 lbs.

PA-65W 4-Speed Phono Top Net 17.95

30-WATT P.A. AMPLIFIER

Bass \pm 15 db at 50 cps; Treble \pm 15 db at 10,000 cps. **MUM LEVEL:** 70 db below rated output. **INPUTS:** 3; 2-Microphone and 1-Phono. **CONTROLS:** 6; Microphone-1, Microphone-2, Power off-on, Phono, Bass, Treble, Slide Switch for operating magnetic phono thru channel 2. **OUTPUT IMPEDANCES:** 4, 8, 16, and 250 ohms (70 volt line). **POWER CONSUMPTION:** 135 Watts. **SIZE:** 11 $\frac{1}{2}$ Wx12 $\frac{1}{2}$ V.A.C. 50-60 cycles. **SIZE:** 14Wx8Dx6"H. **SHIPPING WEIGHT:** 20 lbs.

PA-62WX Complete with Tubes Net 52.50

4-SPEED PHONO TOP

For above amplifier. Fits in place of cover. Plays all speeds—16 $\frac{1}{2}$, 33 $\frac{1}{2}$, 45 and 78 rpm. Has constant 4-speed motor, with turnover cartridge, complete with two precious metal needles. Has arm-rest and plug connection; for 110 Volt 60 cycle. Shpg. wt., 10 lbs.

PA-65W 4-Speed Phono Top Net 17.95

LAFAYETTE MODEL PA-63

FEATURES: Conservatively rated for long life in continuous operation. Uses popular high fidelity high power tubes type 6CA7/EL34, and has extremely wide range response. 1-phono and 2-mike inputs. Separate bass and treble tone controls. Modern streamlined styling. Input for magnetic phono cartridge. For large industrial paging and music systems, stadiums, amusement parks, airports, railroad yards, church carillon systems. For groups of up to 10,000 persons or areas up to 200,000 square feet.

SPECIFICATIONS: TUBES: 3-12AX7, 1-6973, 2-6CA7/EL34, 2-5U4GB (Rectifiers). **POWER OUTPUT:** 60 Watts. **INPUT GAIN AND IMPEDANCES:** Microphone 130 db 4.7 Meg., Phono 80 db $\frac{1}{2}$ Meg. **FREQUENCY RESPONSE:** 30-15,000 cps \pm 1 db. **TONE CONTROLS:** Bass \pm 15 db at 50 cps; Treble \pm 15 db at 10,000 cps. **MUM LEVEL:** 72 db below rated output. **INPUTS:** 2-Micro-

phone, 1-Phonograph. **CONTROLS:** 2-Mike Volume, 1-Phono Volume, Bass, Treble, Switch for Magnetic or Ceramic/Crystal phono. On-Off Power Switch. **OUTPUT IMPEDANCES:** 8, 16, 250 ohms and 84 ohms (70 volt line). High impedance output for coupling booster amplifier. **POWER CONSUMPTION:** 250 Watts; 110/120 volts, 60 cps AC. **SIZE:** 16Wx10Dx6 $\frac{1}{2}$ H. **SHIPPING WEIGHT:** 47 lbs.

PA-63WX Complete with tubes Net 82.95

4-SPEED PHONO TOP

For PA-63 amplifier. Fits in place of cover. Plays all 4 standard speeds—16 $\frac{1}{2}$, 33 $\frac{1}{2}$, 45 and 78 rpm. Constant speed motor, turnover cartridge with dual precious metal styli. With arm rest, AC cord and plug, output cable and plug. For 110/120 volts, 60 cps. AC. Shpg. wt., 10 lbs.

PA-66W 4-Speed Phono Top Net 19.95

60-WATT P.A. AMPLIFIER

MODEL PA-64

6V OR 12V BATTERY AND 117V AC OPERATION, SEPARATE BASS AND TREBLE CONTROLS

FEATURES: A high-power combination 6 or 12 volt DC battery and 117v. AC amplifier for sound tracks, circuses, ball parks, large picnics, political rallies, beaches, parks, boats, planes, or any large indoor or outdoor gatherings. DC to AC operation is accomplished by changing "plug-in" power cables. 6 or 12 volt DC operation is selected by a switch on top of chassis. Separate bass and treble controls, each having boost or attenuation, for proper acoustic correction. Phono motor operates on all power sources. Standby switch for battery economy. Available with optional 4-speed phono top. Battery and AC cables supplied.

SPECIFICATIONS: TUBES: 3-12AX7, 2-6L6GC and 2-6X5GT (Rectifiers). **HEAVY DUTY VIBRATOR. POWER OUTPUT:** 30 Watts. **INPUTS:** 4; 2-Microphone and 2-Phono. **INPUT GAIN:** Microphone 125 db 4.7 Meg; Phono 80 db .5 Meg. **FREQUENCY RESPONSE:** \pm 2 db, 30-15,000 cps. **BASS:** \pm 15 db at 50 cps. **TREBLE:** \pm 15 db at 10,000 cps. **MUM LEVEL:** 70 db below rated

30-WATT MOBILE P.A. AMPLIFIER

OUTPUT: 30 Watts. **INPUTS:** 8; Microphone-1; Microphone-2; Phono; Bass, Treble; Power off-on for DC; Combination off-on for AC and standby economizer switch for DC; 6-12 volt function switch. **OUTPUT IMPEDANCES:** 4, 8, 16, 250 ohms (70 volt line). **POWER CONSUMPTION:** 130 watts, 117v. 50/60 cycle AC; 6v. battery 24A; 12v. battery 12A; fused separately. **POWER CABLES:** 1-AC cable and 1-DC cable. **SIZE:** 16Wx7 $\frac{1}{2}$ Hx 10"D. **SHIPPING WEIGHT:** 25 lbs.

PA-64WX Amplifier complete with Tubes Net 84.75

4-SPEED PHONO TOP

For the PA-64 amplifier. Fits in place of cover. Plays all 4 standard speeds—16 $\frac{1}{2}$, 33 $\frac{1}{2}$, 45 and 78 rpm. Constant speed motor, turnover ceramic cartridge with dual precious-metal styli. With arm-rest, AC cord and plug, output cable and plug. Shpg. wt., 10 lbs.

PA-67W 4-Speed Phono Top Net 19.95

PA-63



82.95

ONLY 5.00 DOWN

New!



84.75

LESS PHONO TOP ONLY 5.00 DOWN

LAFAYETTE PUBLIC ADDRESS SYSTEMS

FOR GREATEST ECONOMY & PERFORMANCE

DUAL SPEAKER 20-WATT PORTABLE SYSTEMS



AS LOW AS **77.50**
5.00 DOWN

● CHOICE OF 3-WAY LAVALIER OR DESK-STAND CRYSTAL MIKES
● HEAVY DUTY 12" SPEAKERS ● AVAILABLE WITH 4-SPEED PHONO TOP

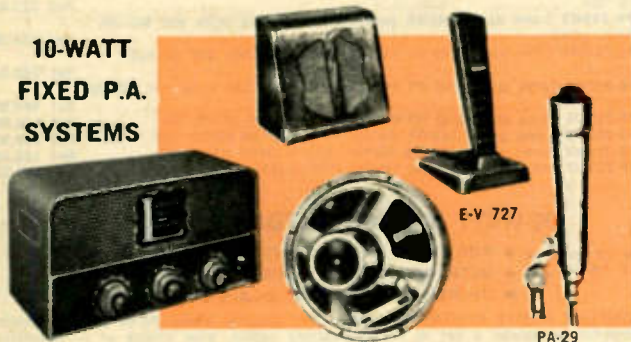
A complete 20 watt Dual Speaker (heavy duty 12" PM Speakers) Portable System, packed with features. Gives you more value and power for your dollar—a price that beats all competition. Ideal for lectures, auctions, taverns, orchestras; excellent as a rental system.

AND DON'T FORGET LAFAYETTE'S MONEY-BACK GUARANTEE: If you don't agree that Lafayette's Sound System meets every claim we make for it—send it back—anytime within 15 days—and Lafayette will refund every penny—less only transportation charges!

COMPLETE PORTABLE SYSTEMS, READY TO OPERATE, INCLUDE: 2-12" heavy duty PM Speakers rated at 15 watts each; the feature packed 20-watt Model PA-61 amplifier; your choice of the popular Electro-Voice Model 727S crystal mike complete with desk stand and 5' cable, detachable from stand for use as a hand mike, with floor-stand coupler and on-off switch or the Lafayette Model PA-31 high impedance slim crystal microphone with 7' cable and connector, removable swivel-type stand adapter, lavalier cord and bracket, and on-off switch; 2-35" speaker cables and plugs; plus the famous Atlas MS-10C mike floor stand. Portable carrying case mounts the system conveniently for carrying and for use; covered with high quality dark blue leatherette; size 22½x16½x15"D. For 110-130 volts, 60 cps AC operation. Shpg. wt., 65 lbs. (All systems available with any other microphone at additional cost. For other mikes, see mike pages in index).

PA-132WX	20-watt Portable System, less Phono Top, complete as described with E-V 727S microphone	5.00 Down	Net 83.50
PA-133WX	Same as above with Lafayette PA-31 lavalier mike,	5.00 Down	Net 77.50
PA-134WX	Same as PA-132WX, with 4-speed phono top. Shpg. wt., 75 lbs.	5.00 Down	Net 101.50
PA-135WX	Same as PA-133WX, with 4-speed phono top. Shpg. wt., 75 lbs.	5.00 Down	Net 95.50

10-WATT FIXED P.A. SYSTEMS

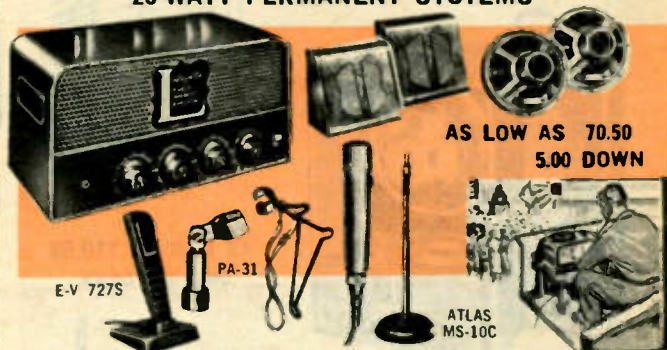


- COMPLETE PERMANENT SYSTEM
- CHOICE OF CRYSTAL OR DYNAMIC MIKE
- AMPLIFIER HAS LAFAYETTE'S MONEY-BACK GUARANTEE

High quality, low cost system engineered for smaller permanent installations. For areas up to 5500 sq. ft. For office, store, garage, small factory paging and music systems. **THE COMPLETE SYSTEMS INCLUDE:** The new Lafayette Model PA-60, 10-watt amplifier complete; your choice of either the Electro-Voice 727 crystal microphone complete with detachable desk stand and 5' cable—or the new Lafayette Model PA-29 weatherproof, blast-proof slim dynamic mike complete with high or low impedance selector switch and detachable swivel-type stand adaptor; 8" heavy duty PM speaker; 35" speaker cable and plug; and attractive polished walnut speaker wall baffle. For 110-120 volts, 60 cps AC operation. Shpg. wt., 25 lbs. (Any other microphone may be substituted in all systems at additional cost. See microphones in index.)

PA-140WX	Complete 10-watt Permanent System as described with E-V 727 Crystal Microphone. Shpg. wt., 24 lbs.	2.00 Down	Net 45.50
PA-141WX	Same as above, with Lafayette PA-29 dual impedance dynamic microphone. Shpg. wt., 24 lbs.	2.00 Down	Net 44.00

DUAL SPEAKER 20-WATT PERMANENT SYSTEMS



AS LOW AS **70.50**
5.00 DOWN

● CHOICE OF CRYSTAL 3-WAY LAVALIER OR DESK-STAND MIKES
● TWO HEAVY-DUTY 12" SPEAKERS ● TWO POLISHED WALNUT WALL BAFFLES

Excellent for a great many public address, paging and sound reinforcement applications, the Lafayette 20-watt permanent system is an exceptional value. Speakers and paging horns may be added for wider area coverage or for multiple small areas such as offices, loading platforms or stockrooms. Easy to install in small dance halls or dance studios, school auditoriums, Sunday school rooms, mission meeting halls or gymnasiums. Provides excellent coverage for audiences up to 2000 or areas up to 12,000 square ft. **THE AMPLIFIER IS UNCONDITIONALLY GUARANTEED FOR ONE FULL YEAR.**

THE COMPLETE PERMANENT SYSTEMS INCLUDE: One 20-watt Model PA-61 amplifier, complete with tubes; 2-12" heavy duty PM 15-watt speakers; 2-35" ft. speaker cables and plugs; 2 polished walnut wooden wall baffles; your choice of either the Electro-Voice 727S Crystal microphone complete with detachable desk stand for desk, table top or hand use, and with on-off switch, or the Lafayette Model PA-31 slim crystal mike with on-off switch, lavalier cord and bracket and complete with 7' cable and connector and removable swivel-type stand adaptor; you also get the popular Atlas MS-10C mike floor stand for a complete, convenient public address "package." For 110-130 volts, 60 cps AC use. Shpg. wt., 57 lbs.

PA-136WX	20-watt Permanent System, less Phono Top, complete as described with E-V 727S microphone.	5.00 Down	Net 76.50
PA-137WX	Same as above, with Lafayette PA-31 Microphone. Avg. shpg. wt., 67 lbs.	5.00 Down	Net 70.50
PA-138WX	Same as PA-136WX, with 4-speed phono top.	5.00 Down	Net 94.50
PA-139WX	Same as PA-137WX, with 4-speed phono top. Avg. shpg. wt., 67 lbs.	5.00 Down	Net 88.50

LAFAYETTE PA VALUES SPECIAL 12" & 8" P. A. SPEAKERS

- 12" FULL 15 WATTS OF POWER ● 8" FULL 10 WATTS OF POWER ● HEAVY ALNICO 5 MAGNETS

12" MODEL—Fine quality throughout, these speakers were designed especially for public address work. Will handle 15 watts of power—making them ideal for use singly for medium power systems or in multiples for higher power. Rugged mechanical construction, dust-proofed and rust-resistant. Have 4.64 oz. Alnico 5 magnet, 8 ohm voice coil. Shpg. wt., 5 lbs.
SK-118 Net 4.95

8" MODEL—Ideal for larger scale, lower power paging systems. Same quality as 12" speaker above, but 8" diameter, rated at 10 watts, with 3.16 oz. Alnico 5 magnet, 8 ohm voice coil. Shpg. wt., 3 lbs.
SK-119 Net 3.95



8" MODEL — 3.95
12" MODEL — 4.95

NEW! LAFAYETTE HI-FI "THIN LINE" CEILING & WALL BAFFLE SPEAKER

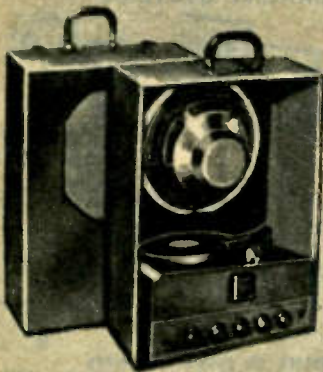
5.95 Absolutely Incredible Sound Quality!

- Measures Only 2¼" Deep ● Employs New Inverted Magnet
- Perfect for Hi-Fi Extension Speaker or P.A. Use
- Only 2¼" Deep ● New Inverted Magnet

Frankly we were amazed at the phenomenal musical quality of this speaker. Never before have we heard a speaker of this size reproduce the true sounds of loud orchestral passages, drums, etc. with such definition and clarity. The perfect speaker to furnish music or paging throughout your home, office or factory. Advanced design employs an inverted magnet, placing the 12 oz. magnetic structure in front of the speaker rather than behind as in conventional speakers. Only 2¼" deep with its own metal baffle plate, the SK-175 easily mounts in any wall, ceiling, closet or ordinary wood enclosure. Two are perfect for stereo. Voice coil is 1" Diam. Frequency Response: 90-9,000 cps. Impedance: 8 ohms. Overall Dimensions including metal baffle is 9½". Requires 6½" wall cutout. Shpg. wt., 3 lbs.
SK-175 Net 5.95

LAFAYETTE DELUXE ECONOMICAL PUBLIC ADDRESS SYSTEMS

DUAL-SPEAKER 30-WATT PORTABLE SYSTEMS



The most popular system for schools, RR waiting rooms, gyms, churches, noisy factories. Ideal for rentals.

AS LOW AS 110.50
ONLY 5.00 DOWN



CHOICE OF DYNAMIC MICROPHONES



ELECTRO-VOICE 664 DELUXE CARDIOID DYNAMIC MIKE



ATLAS MS-10C FLOOR STAND

- CHOICE OF DELUXE DYNAMIC MIKES
- TWO 25-WATT SPEAKERS • MONEY-BACK GUARANTEE

This 30-watt system is one of our most popular models. Large enough for the majority of sound system applications — used in thousands of school auditoriums, churches, theatres, dance halls, dance studios and lecture halls. The ideal system for rentals; these systems have been sold to many hundreds of dealers. **AND REMEMBER OUR MONEY-BACK GUARANTEE AND OUR LOW, LOW PRICE!** DUAL SPEAKER 30-WATT PORTABLE SYSTEMS INCLUDE: The outstanding feature-filled Lafayette Model PA-62 30-watt amplifier; 2—25-watt PM speakers; 2—35' speaker cables and plugs; your choice of the popular Argonne AR-3 All-Purpose Dynamic dual-impedance microphone for hand-held, desk stand or floor stand use, with removable ball-joint desk stand and floor stand adapter and 8' cable; or the deluxe dual-impedance Electro-Voice 664 Cardioid dynamic microphone for use where high-feedback problems exist, with 40-15,000 cps response, on-off switch and 18' cable; the famous Atlas MS-10C floor mike stand; and the handsomely designed split-type portable carrying case covered in high quality dark blue leatherette. Size of case 22½x16½x15" — provides a secure place for the system components. For 110-130 volts, 60 cps AC operation. Shpg. wt., 75 lbs. less phono; with phono 85 lbs.

PA-232WX 30-watt Portable System, Less Phono Top and less MS-10C floor stand, complete as described with Argonne AR-3 dynamic mike	Net 110.50
PA-233WX Same as above, with E-V 664 dynamic microphone and MS-10C floor mike stand	Net 140.50
PA-234WX Same as PA-232WX with 4-speed phono top	Net 128.50
PA-235WX Same as PA-233WX with 4-speed phono top	Net 158.50

DUAL SPEAKER 30-WATT PERMANENT SYSTEMS



LAFAYETTE PA-62 WITH PHONO TOP



LAFAYETTE PA-57 DRIVERS AND UNIVERSITY PH TRUMPETS

ELECTRO-VOICE 848 CDP 30-WATT PROJECTORS



LAFAYETTE WOOD WALL BAFFLES AND 25 WATT 12" SPEAKERS



E-V 664 CARDIOID DYNAMIC



ARGONNE AR-3 DYNAMIC MIKE



ATLAS MS-10C FLOOR STAND

- CHOICE OF DELUXE DYNAMIC MIKES • 70 FT. OF SPEAKER CABLE
- 2—25-WATT SPEAKERS & WALL BAFFLES FOR INDOOR SYSTEMS
- 2 ELECTRO-VOICE OR UNIVERSITY HORNS FOR OUTDOOR SYSTEMS

These permanent sound systems are especially designed for large halls, airports, medium-sized industrial paging systems, loading platforms, department store music and paging systems, restaurant music, and railroad stations. The heavy duty Model PA-62 30-watt amplifier will give you exceptional results and assures top quality performance under all operating conditions. **OUR LOW PRICE AND OUR ONE YEAR GUARANTEE** make this system a "best buy" in P.A. COMPLETE SYSTEMS CONSIST OF: The PA-62 30-watt amplifier complete, available with or without 4-speed phono top; choice of 2—25-watt 12" PM speakers for indoor paging and music distribution; or 2—Electro-Voice 848 CDP wide-angle 30-watt projectors or 2—Lafayette PA-57 drivers with University PH trumpets for best noise penetration; 2—35' speaker cables and plugs; your choice of the Electro-Voice 664 dual-impedance cardioid dynamic microphone with on-off switch and 18' cable or the popular Argonne AR-3 dual impedance dynamic with ball-joint desk stand for hand-held, desk or floor stand use; the highly useful Atlas MS-10C floor mike stand; and, for the indoor systems, 2 wood wall baffles handsomely finished in walnut. For 110-130 volts, 60 cps AC. Shpg. wt., 65 lbs. less phono; with phono 75 lbs.

30-WATT PERMANENT INDOOR SYSTEMS

PA-244WX Consists of PA-62 30-watt amplifier less phono top, 2—12" PM speakers, 2 walnut wood baffles, 2—35' speaker cables and plugs, MS-10C floor mike stand and Argonne AR-3 microphone	Net 108.50
PA-245WX Same as PA-244 except with E-V 664 mike	Net 132.50
PA-246WX Same as PA-244 except with 4-speed phono top	Net 126.50
PA-247WX Same as PA-245 except with 4-speed phono top	Net 150.50

30 WATT OUTDOOR SYSTEMS

PA-248WX Consists of PA-62 30-watt amplifier less phono top, 2—Lafayette PA-57 driver units and 2 University PH trumpets, 2—35' speaker cables and plugs, and Argonne AR-3 dynamic mike with desk stand. 65 lbs. less phono; with phono 75 lbs.	Net 122.00
PA-249WX Same as PA-248WX except with E-V 664 mike and MS-10C floor stand	Net 151.00
PA-250WX Same as PA-248WX except with 2 E-V 848 CDP 30-watt projectors	Net 140.50
PA-251WX Same as PA-250 WX except with 2 E-V 664 mike and MS-10C floor stand	Net 169.50
PA-252WX Same as PA-248 WX except with 4-speed phono top	Net 140.00
PA-253WX Same as PA-249WX except with 4-speed phono top	Net 169.50
PA-254WX Same as PA-250 WX except with 4-speed phono top	Net 158.50
PA-255WX Same as PA-251 WX except with 4-speed phono top	Net 187.50

30-WATT MOBILE OUTDOOR SYSTEMS



LAFAYETTE PA-64 30-WATT MOBILE AMPLIFIER



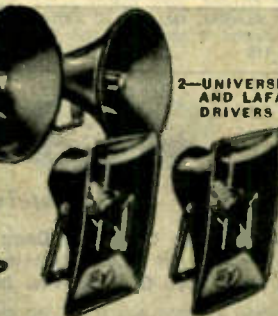
2—UNIVERSITY PH TRUMPETS AND LAFAYETTE PA-57 DRIVERS



ELECTRO-VOICE 647



LAFAYETTE PA-31



CHOICE OF DYNAMIC OR CRYSTAL LAVALIER MICROPHONES CHOICE OF OUTDOOR HORNS

- FOR 6V-12V BATTERY, 117V AC
- WITH OR WITHOUT 4-SPEED PHONO TOP
- CHOICE OF EITHER OF 2 LAVALIER MIKES

COMPLETE MOBILE SYSTEMS INCLUDE: The Lafayette Model PA-64 30-watt mobile amplifier complete; a set of AC and battery cables; your choice of 2—Lafayette PA-57 driver units and University PH reflex trumpets or 2—Electro-Voice 848 CDP 30-watt compound diffraction projector wide-angle horns; your choice of the Lafayette PA-31 wide-range crystal microphone with on-off switch, lavalier cord and bracket and 7' cable and connector, and with swivel-type mike stand adapter, for chest, hand-held or stand use—or, the deluxe Electro-Voice 647 lavalier dynamic mike with neck cord, support clips and 18' cable, for chest, hand or desk use; PLUS 2—35' speaker cables and plugs. Shpg. wt., 75 lbs. less phono; with phono 85 lbs.

PA-236WX Complete 30-watt mobile outdoor system with PA-64 30-watt mobile amplifier less phono top; with AC and battery cables, 2 Lafayette PA-57 driver units and 2—University PH trumpets, 2—35' speaker cables and plugs and Lafayette PA-31 microphone	Net 145.50
PA-237WX Same as PA-236 except with E-V 647 mike	Net 177.00
PA-238WX Same as PA-236 except with 2 E-V 848 CDP 30-watt projectors	Net 164.00
PA-239WX Same as PA-237 WX except with 2 E-V 848 CDP projectors	Net 195.50
PA-240WX Same as PA-236 WX except with 4-speed phono top	Net 165.50
PA-241WX Same as PA-237WX except with 4-speed phono top	Net 197.00
PA-242WX Same as PA-238WX except with 4-speed phono top	Net 184.00
PA-243WX Same as PA-239 WX except with 4-speed phono top	Net 215.50

AS LOW AS 145.50 ONLY 5.00 DOWN

2 sound systems for the price of 1, with plenty of power for any job, whether mobile or indoor. Provides coverage for areas up to 100,000 square feet. Operates from any 6 volt or 12 volt automobile, truck or bus storage battery or from 110-130 volts 60 cycles AC; 30 watts output. REMEMBER: THE AMPLIFIER IS UNCONDITIONALLY GUARANTEED AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP FOR 1 FULL YEAR . . . AND COMPARE OUR PRICE!

LAFAYETTE PUBLIC ADDRESS EQUIPMENT

60-WATT HI-POWER OUTDOOR SYSTEMS



LAFAYETTE PA-63 60-WATT AMPLIFIER

LAFAYETTE PA-43 DYNAMIC MIKE



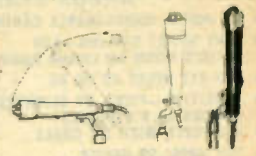
E-V 605 DYNAMIC MIKE ON 428 TOUCH-TO-TALK STAND



NEW 60-WATT INDOOR PAGING SYSTEMS



LAFAYETTE PA-63 60-WATT AMPLIFIER



LAFAYETTE PA-43 DYNAMIC MIKE

CHOICE OF MICROPHONES

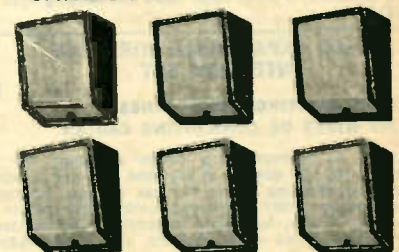


Collaro TSC-740

OPTIONAL CHANGER



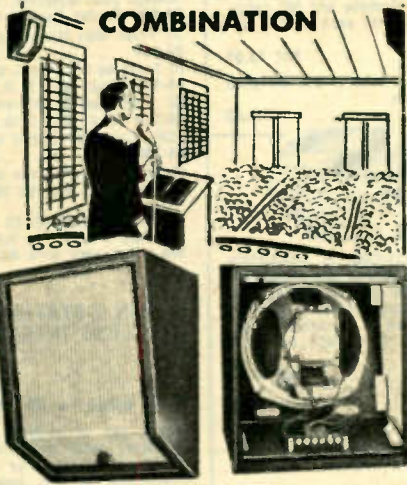
E-V 605 DYNAMIC MIKE ON 428 TOUCH-TO-TALK STAND



LAFAYETTE 8" 10-WATT SPEAKER BAFFLE COMBINATIONS PRE-WIRED WITH MATCHING TRANSFORMER & VOLUME CONTROL

AS LOW AS 160.50 5.00 DOWN

LAFAYETTE 8" 10-WATT PRE-WIRED SPEAKER-BAFFLE COMBINATION



• FOR PUBLIC ADDRESS, PAGING, MUSIC DISTRIBUTION USE • BUILT IN 70-VOLT LINE MATCHING TRANSFORMER WITH TAPS FOR 10, 5, 2.5, 1.25 AND .625 WATTS • BUILT-IN INDIVIDUAL VOLUME CONTROLS • ONLY A SCREWDRIVER NEEDED TO CONNECT SPEAKER LINES

An 8-ohm speaker-baffle combination for any type of indoor sound system. Perfect for schools, stores, offices, churches. Each unit is completely pre-wired. The heavy-duty 8" speaker with 4.64 oz. Alnico V Magnet rated at 10 watts, is installed in the beautifully styled acoustically-designed plywood baffle; the matching transformer is mounted directly on the sturdy warp-free speaker frame. Transformer taps are 10, 5, 2½, 1¼ or ¾ watts, for connection to 70 volt amplifier output, and any individual speaker taps can be changed without the need to change transformer connections on remaining speakers of the P.A. system. A terminal board with screw terminals is provided at the rear of each baffle for easy connections. Each speaker has its own volume control for setting volume levels as desired at each speaker location—extremely important in most school, department store, etc., paging or music distribution system installations. Size is 11Wx9½Hx6½"D. Shpg. wt., 7 lbs.

PA-79W Speaker-Baffle Combination Net 13.95

ELECTRO-VOICE 848CDP COMPOUND DIFFRACTION PROJECTORS WITH 30-WATT DRIVERS AS LOW AS 172.50 5.00 DOWN

This ruggedly-designed equipment is recommended for all high power heavy duty requirements, such as church steeple systems, railroad yards, airports and industrial plants. COMPLETE 60-WATT OUT-DOOR SYSTEMS INCLUDE: The conservatively-rated Lafayette Model PA-63 60-watt amplifier complete; your choice of 3 University Model PH trumpets with 3 Lafayette PA-57 driver units or 3 Electro-Voice 848 CDP Compound Diffraction Projectors with 30-watt drivers; your choice of the Electro-Voice 605 durable high output dynamic microphone with 18' cable and with E-V 428 "touch-to-talk" desk stand with dpdt switch, or the Lafayette PA-43 high impedance dynamic mike with removable swivel-type stand adaptor, talk switch and 7' cable and plug. For 110-120 volts, 60 cps AC. Shpg. wt., 100 lbs. less phono; 110 lbs. with phono. 60-watt outdoor system, less phono top, complete as described, with 3 Lafayette PA-57 drivers, 3 PH trumpets, E-V 605 microphone and 428 touch-to-talk stand.

PA-224WX	5.00 Down	Net 190.00
Same as PA-224WX except with PA-43WX less stand.		
PA-225WX	5.00 Down	Net 172.50
Same as PA-224WX but with 3 Electro-Voice 848 CDP horns and drivers, E-V 605 mike with desk stand.		
PA-226WX	10.00 Down	Net 217.50
Same as PA-226WX except with PA-43WX dynamic mike less stand.		
PA-227WX	10.00 Down	Net 200.50
Same as PA-224WX but with 4-speed phono top.		
PA-228WX	5.00 Down	Net 210.00
Same as PA-225WX except with 4-speed phono top.		
PA-229WX	10.00 Down	Net 192.50
Same as PA-226WX except with 4-speed phono top.		
PA-230WX		Net 237.50
Same as PA-227WX except with 4-speed phono top.		
PA-231WX	10.00 Down	Net 220.50

An ideal system for heavy-duty, high powered continuous performance; for paging or industrial music distribution, and for extra-large auditoriums, schools, churches, department stores, airports, etc. Included in these systems are 6 of the new Lafayette pre-wired speaker-baffle combinations with 8" heavy duty speakers rated at 10 watts each, pre-wired matching transformer for 70 volt line with taps for 10, 5, 2.5, 1.25 and .625 watts per speaker, and individual volume controls. A screwdriver is all you need to connect speaker lines. You can add more speakers, if you wish, at any time — up to 48 for a 1¼ watt-per-speaker department store or school installation, etc. In addition you get the great new Lafayette PA-63 conservatively-rated 60 watt amplifier; your choice of either the Electro-Voice Model 605 high output dynamic microphone with 18' cable and with E-V 428 touch-to-talk desk stand with dpdt switch or the well-known Lafayette PA-43 "Dyna-Slim" high output dynamic microphone with on-off switch, omni-directional head, "quick-slip" swivel-type stand adapter, and plug-in cable. For 117 volts, 60 cps AC. Shpg. wt., 95 lbs.

PA-174WX Complete 60-watt indoor system as described, less phono top, with E-V 605 microphone and 428 desk stand 5.00 Down Net 178.00

PA-175WX Same, with Lafayette PA-43 "Dyna-Slim" microphone, less stand 5.00 Down Net 160.50

Lafayette SPECIAL VALUES! MIKE STAND



Economical desk stand. Chrome plated; heavy cast base finished in gray wrinkle. 4¾" diam., 7" h. Felt pad; ¾"-27 thread; adjustable collar. Shpg. wt., 2 lbs.

PA-34 Net 1.29

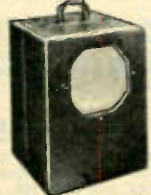
POPULAR MIKE CONNECTORS



MS-467 Female connector Net 22

MS-468 Male connector Net 16

Lafayette PORTABLE PA CASE



A sturdily constructed case for amplifier and two 12" speakers. Made of heavy plywood with reinforced metal corners. Case splits into 2 baffles, each with leather carrying handle. Strong wire mesh grilles covered with attractive cloth. Has Z hooks in each half for carrying speaker cables and provision for mike and mike base. 4 snap locks. Inside dimensions 20½Hx 15¾Wx14¾"D. Covered in dark blue washable leatherette. Shpg. wt., 20 lbs.

PA-51WX CASE Net 14.25

PHONO TOP SYSTEMS

These systems are identical to the above but include a 4-speed phono top which becomes an integral part of the amplifier. Shpg. wt., 105 lbs.

PA-176WX Same as PA-174WX with 4-speed phonograph top 5.00 Down Net 197.95

PA-177WX Same as PA-175WX with 4-speed phono top 5.00 Down Net 180.50

RECORD CHANGER SYSTEMS

These systems include a Collaro TSC-740 4-speed record changer and base in place of the phono top. It is equipped with the GE Triple-play cartridge with dual diamond and sapphire stylus. Shpg. wt., 115 lbs.

PA-183WX Same as PA-174WX but with Collaro TSC-740 changer with GE 4G-052 cartridge Net 219.30

PA-184WX Same as PA-175WX but with Collaro TSC-740 changer with GE 4G-052 cartridge Net 201.50

OUTSTANDING VALUES IN INTERCOMS

FAMOUS BRAND 2-STATION INTERCOM

- ALL-METAL UNBREAKABLE CABINETS
- VERY SMART STYLING—FOR CHILD'S ROOM OR LIVING ROOM
- FOR 117 VOLTS AC OR DC
- SENSITIVE—PICKS UP SLIGHTEST SOUNDS AT A DISTANCE
- COMPLETE WITH 50' CABLE
- FOR HOME OR OFFICE
- IDEAL BABY SITTER OR SICK ROOM WATCHER



Complete With 50' Cable

Specially Priced At 13.95

Here is a FAMOUS-MAKE 2-station electronic intercom PRICED SO LOW WE DARE NOT MENTION THE MANUFACTURER'S NAME. Sensitive—picks up sounds from across the room. Beautifully styled to grace any home or office. Master station has volume control and talk-listen switch. Remote is always "open," making it ideal for listening to baby, sick room, invalids, children at play—or for store to stockroom, restaurant to kitchen, etc. Alnico 5 pm speakers. Costs less than a penny a day to operate. Complete system includes Master, Remote and 50' cable. Simple to operate, easy to install—virtually foolproof. Size of each station approximately 8x4x4". Shpg. wt., 6 lbs.

PA-12 2 Station Intercom System Complete Net 13.95

REL—extra remote for E-Z Talk System (less "Talk-Listen" switch). Can be used as a Movable, Portable, Desk, Table and Hanging Type Remote. PA-218 5.83

MASCO EXPANDABLE WIRELESS INTERCOM SET

- USES EXISTING POWER LINES
- NO WIRES OR CONNECTING CABLES



Because no interconnecting cables are used, the WIRELESS-COM is completely flexible; you can move it at any time to a new location—just plug into AC outlet. Has noise silencing control for use in noisy locations. Has volume control with on-off power switch, talk-listen switch with dictate position. Alnico V speaker. Complete privacy, no sounds transmitted until master station is in talk position. Handsomely styled metal cabinets, size 8½x4½x3½"H. Shpg. wt., set of 2 units 9 lbs.

PA-216 Set of 2 stations 2.00 Down Net 34.20

MASCO SLC STATION

PA-217 Additional single station for above. Shpg. wt., 5 lbs. Net 17.10

MASCO WIRELESS ELECTRONIC NURSE



13.23

- NO INSTALLATION
- NO WIRING
- JUST PLUG IN
- COMPLETELY PORTABLE

No installation . . . completely portable . . . just plug in and flick the switch. Wireless Electronic Nurse then picks up any sound in its vicinity and transmits to your radio, up to 300 feet away. Use with any radio set—home, car, portable, transistor. Use the Electronic Nurse anywhere—at home, visiting neighbors, working outdoors, even sitting in your automobile. Your baby is absolutely safe, anytime. Adjustable to any clear radio channel between 1300 and 1750 kc. Tubes: 12AX7, 50C5, selenium rectifier. Controls Power ON-OFF and pilot light. Power 18 watts at 110-120 volts AC or DC. Size 8½x4½x3¾". Attractively finished metal case. Shpg. wt., 4 lbs.

PA-215 List 18.00 Net 13.23

PORTA-COM

ALL TRANSISTOR PORTABLE INTERCOM



MASTER STATION

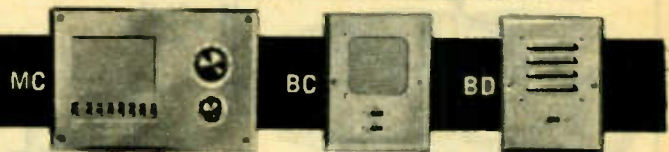
REMOTE STATION

System does not require house current—eliminates shock hazard and warm-up—can be moved anywhere. Economical to operate—four pen light cells are used. Includes Master, Remote and 50' of connecting cable. A powerful transistor audio amplifier and alnico magnet speakers are employed. Master has Volume Control, Off-Listen-Talk switch and Battery Saver switch for reducing current drain during long listening periods. Remote has call switch. If Master is turned off, pressing call switch on Remote signals Master with a tone. Both station units are covered with washable scuff-proof Texon leather. Hook up cable is marked for easy attachment. Additional lengths of cable can be used. Includes battery. Shpg. wt., 4½ lbs.

PA-221 2.00 Down Net 24.95

Additional 2 conductor wire. Shpg. wt., 2 lbs per 100 feet. Net (per 100') 1.21

FANON FANFARE MUSI-TALK SYSTEMS



MC Master Control Station with Radio Deluxe home radio intercom Master Control. All the features of a top notch intercom plus a powerful built-in radio. Will control up to 6 remotes. Complete with Plaster box for wall mounting. 11½x7¼". PA-195 Master Control with Radio Shpg. wt., 6 lbs. 5.00 Down Net 52.92

MCL Master Control Same as MC except less radio, but with built-in phono jack. Lets you play records through your intercom. Size: 11½x7¼". Shpg. wt., 6 lbs. PA-196 Master Control less Radio 2.00 Down Net 35.28

BC Flush Wall Mount remote for indoor use. Shpg. wt., 1 lb. PA-197 Net 6.59

BJ Same as BC except with phono jack. PA-198 Shpg. wt., 1 lb. Net 9.41

BD Flush Wall Mount remote, for outdoor use. PA-199 Shpg. wt., 1 lb. Net 5.85

BDR Flush Wall Mount remote, for outdoor use, with bell button. Shpg. wt., 1 lb. PA-200 Net 7.35

Pb plaster box for use with BC, BD, BDR, BJ remotes. PA-201 Shpg. wt., ½ lb. Net 1.47

WIRING REQUIREMENTS Separate 3 cord wire lead for each remote used.

WR-115 3 cord wire. Net per 100'. Shpg. wt., 1 lb. per 100' 2.45

FANON 2-STATION WIRELESS INTERCOM



- NO WIRES ● NO INSTALLATION ● JUST PLUG IN AND TALK

Makes use of existing power lines for transmission of voice. Each unit is a miniature radio transmitter and receiver. Simply plug into electrical outlets, AC or DC, in the same or adjacent buildings on the same power circuits, and talk! Economical to use, powerful and sensitive. Underwriters' Laboratories approval means safety to use. Each unit has volume control with on-off switch, 2 or 3-wire line selector switch for different types of building wiring, and adjustment for Noise Silencer which keeps out power line noise until desired voice signal comes through. More stations may be added to any system. Operating frequency 200 kc. Output power: 2½ watts. Power consumption: 30 watts. Tubes: 12AX7, 2-50C5, 2-12AU6 rectifier, 1N51 diode, NE-2 neon pilot light. For 105-125 volts AC or DC. Size: 8x4x4". All brass finish.

PA-206 Fanon FW-50 2 station wireless. Shpg. wt., 7 lbs. ... 5.00 Down Net 52.62

PA-207 Fanon FW-51 Extra Station For FW-50. Shpg. wt., 3½ lbs. Net 26.31

FANON MULTI STATION INTERMIX INTERCOM



FIM-12

FC-6

Can use up to 6 Masters and up to 36 Remotes in Master-to-Master and Master-to-Remote intermix system; 1 Master and up to 11 Remotes in Master-to-Remote system only; up to 12 Masters in Master-to-Master system only. FC remote has talk switch and can call master only. On private operation, remote must depress switch to talk. The FIM-12 Master has a volume control with on-off switch, a 12-station rotary selector switch with "Standby" position, and a spring-return Talk-Listen switch with "Dictate" position for extended talking. Master power output is 2½ watts. Hum and noise are extremely low. For 117 volts AC or DC. Dimensions: Masters and Remotes, 8x4x4". Shpg. wt., Master: 4 lbs. Remote 2½ lbs.

PA-203 FANON FIM-12 MASTER 2.00 Down Net 26.43

PA-204 FANON FC REMOTE Net 7.81

PA-205 FANON FC-6 REMOTE Net 11.73

Wire Requirements

Run master to master cable separately, using WR-119. Use WR-265 cable from each FC remote to its master, use a separate length of WR-265 from each FC-6 remote to each Master.

WR-119 1 wire shielded. Shpg. wt., 1 lb. per 100' Net (per 100') 3.35

WR-265 3-wire with 1 wire shielded. Shpg. wt., 3 lbs. per 100' Net (per 100') 4.74

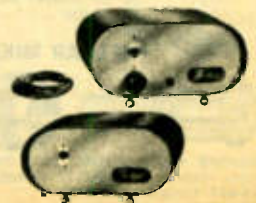
FANON TWIN 2-STATION INTERCOM

Ideal as a "baby-sitter". Provides modern communication between offices, departments, living quarters, etc. Remote has "talk-listen" switch for privacy where required. Master unit has volume control, on/off switch, separate press-to-talk switch and pilot light. Cabinets of grey steel with perforated white front panel. Size of each station, 8x4x4". Shpg. wt., 6 lbs.

PA-208 Fanon FX-2 Net 18.37

PA-209 Fanon FS (extra Remote). Shpg. wt., 2½ lbs. Net 7.35

WR-115 additional cable per 100 feet. Shpg. wt., 1 lb. per 100' Net 2.45



ROTATORS — BOOSTERS — CONVERTERS

ALLIANCE ANTENNA ROTATORS



Rotator redesigned and restyled to provide faster, smoother, better efficiency. Rotation speed is 2 R.P.M. and thus has the fastest change from station to station. Magnetic brake affords instantaneous stop without drift. There is full 360° rotation. Factory lubricated for life. Contacts are self wiping thus preventing arcing. Loss of contact or interference in pix. A reinforced zinc die cast housing affords all weather protection.

Model U-98 (1 & 2)—Fully automatic, just set control knob and antenna rotates to desired position and stops automatically. Indicator shows position of antenna. Has positive mechanical stop at the end of rotation. Size: Rotator 7 $\frac{3}{4}$ " x 5 $\frac{1}{4}$ " x 8". Control Case 7" x 4 $\frac{1}{2}$ " x 4". 110V, 60 cps AC at 65 watts. Shpg. wt., 12 lbs. TL-71W—List Price 44.95

T-12 (1 & 3)—Manually operated with direction indicator. Needle indicates position of antenna on control panel. Has clockwise and counterclockwise revolution. Highly styled decorator case. Size: Rotator 7 $\frac{3}{4}$ " x 5 $\frac{1}{4}$ " x 8". Control Case 6 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " x 4 $\frac{1}{2}$ ". Operates on 110V 60 cps AC at 30 watts. Shpg. wt., 12 lbs. TL-72W—List Price 34.95

Model K-22 (1 & 4)—Economy model—Provides positive instant finger tip control of rotation. Push on end of bar and antenna turns clockwise. Push down on other end and antenna turns counterclockwise. Center disc automatic signal light indicates when limit of travel in either direction has been reached. Size: Rotator 7 $\frac{3}{4}$ " x 5 $\frac{1}{4}$ " x 8". Case 5" x 5" x 4". Shpg. wt., 12 lbs. TL-73W—List Price 24.95

TBB TRUST BEARING BRACKET increases stress capacity of Tenna-Rotors up to 300 lbs. Withstands winds up to 90 M.P.H. Prevents buckling and bending. Shpg. wt., 3 lbs. TL-74—List Price 4.95

WR-24—4 conductor flat cable for above per ft. .03 per C ft. 2.39

BLONDER TONGUE ALL-CHANNEL TV/FM AMPLIFIER (MODEL HAB)



The ideal unit for home and small TV/FM distribution systems. The HAB provides high gain on channels 2 to 13, including the FM band. Can be used as an amplifier for small distribution systems, or as a preamplifier for larger master TV systems. Provides sharp, clear pictures and increases the quality of weak stations a TV set can pick up. FEATURES: Premium Frame-Grid Circuitry for low noise and high gain; Low cost operation; Separate high and low band amplification for wide-band response; Easy installation highlighted by solderless 75 and 300 ohm terminals; GAIN—23 \pm 1db; Noise figure—54-108 mc . . . 4db, 174-216 mc . . . 7db; Input and output impedances 75 or 300 ohms; Cross modulation, 1%; TUBES—6DJ8, ECC88, 6EW6. Size 6x4 $\frac{1}{2}$ x5 $\frac{3}{4}$ ". For 117 volts, 60 cps. AC. Shpg. wt., 4 $\frac{1}{2}$ bs. TL-105—List Price 69.50

Net 40.87

BLONDER TONGUE DA8-B DISTRIBUTION SYSTEM

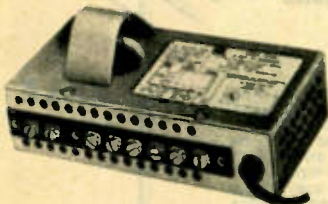


- Better Reception on 3 to 8 Sets With One Antenna
- 75 or 300 Ω Inputs
- 10DB Gain On All VHF Channels
- No Tuning

A powerful all-channel amplifier provides 8 isolated TV outlets from one antenna. All triode circuitry assures low noise performance. Overload prevented by use of a 10:1 gain control range. Over 22 db. isolation achieved between outlets. Uses 4-6J6 tubes. Requires no tuning or special accessories. Comes complete for easy installation including power supply, grounding clamps, solder lugs, and terminating resistors. For 117 volts, 60 cps AC. Size 9x5x5 $\frac{1}{2}$ ". Shpg. wt., 6 lbs. TL-108 List 94.50

Net 57.33

TWO-SET POWER BOOSTER B-24



- Boosts Signal to 1 or 2 TV Sets
- Low noise broadband circuit: no tuning needed
- Built-in isolation networks: use as a two-set booster

Positive improvement in picture and sound quality, even in deep fringe areas. Brighter, sharper pictures, enjoy new channels and new programs in many cases. The B-24 puts new life into older sets. A B-24 with an indoor antenna will often outperform elaborate outdoor antennas. It is a combination of a unique low-noise frame grid amplifier tube with two exclusive Blonder-Tongue circuits, the "straight-thru" and the "couple-two". The "straight-thru" circuit boosts TV signals up to two times on a single set, the "couple-two" circuit provides a vigorous boost in signal strength (up to 5 db) to two TV sets.

SPECIFICATIONS — GAIN: For one set ("straight-thru"): 10 db on low TV band; high TV band: 7 db. For two set ("couple-two"): 5 db on low TV band and 2.5 db on high TV band. BANDWIDTH: 54-108 mc and 174-216 mc, flat within $\frac{1}{2}$ db. NOISE FIGURE: 4.5 db on low TV band and 8 db on high TV band. INPUT: For 300 ohm balanced antenna. ISOLATION: 60 db between sets. POWER REQUIREMENTS: 117 v, 6 cycles; 0.1 amp. SIZE 6 $\frac{1}{4}$ " x 3 $\frac{3}{4}$ " x 2 $\frac{1}{2}$ ". Shpg. wt., 2 lbs. TL-102—List Price 24.95

Net 15.63

NEW B-T TRANSISTORIZED BROADBAND TV/FM AMPLIFIER (MODEL BT-3)



A highly reliable, low noise, maximum gain VHF amplifier. Draws only 2% of the power required for a vacuum tube amplifier of comparable gain. Unit may be left in operation indefinitely. Separate hi and lo band inputs permit use of separate hi-lo antennas if desired. Easy installation with solderless 75 Ω coaxial fittings at input and output. GAIN: Channel 2-6 (18-15DB); Channel 7-13 (19DB); 88-108mc (15-9DB) Noise figure: Low Band, 5 DB; High Band, 7 DB. 3 PNP Germanium high frequency transistors. For 117 volts, 60 cps AC. Size: 9x4x4 $\frac{1}{2}$ ". Shpg. wt., 2 $\frac{3}{4}$ lbs. TL-106 List 99.50

Net 61.74

NEW B-T SINGLE-CHANNEL, ANTENNA MOUNTED AMPLIFIER (MODEL CB)



An entirely enclosed, weatherproofed booster for single channel amplification. Can be mounted right on the antenna mast. Easily installed, with 300 ohm "No-strip" terminals at input and 75 Ω solderless connectors at output. Swing down chassis allows quick, convenient servicing. GAIN: Channels 2 thru 6, 17 db; Channels 7-13, 15 db. RESPONSE: \pm $\frac{1}{2}$ db. over 6 mc. TV CHANNEL. TUBE: 6DJ8 (ECC88) Size: 6 $\frac{1}{4}$ x5 $\frac{1}{4}$ x4 $\frac{3}{4}$ ". Shpg. wt., 3 lbs. SPECIFY CHANNEL WHEN ORDERING. TL-107 List 52.50

Net 30.47

BLONDER-TONGUE VHF ANTENNA BOOSTER



MODEL AB-2 Enjoy brilliant, clear TV reception in even the most difficult "weak" signal or fringe areas. Powerful broadband amplifier provides more than 10 db gain on all VHF (2-13) channels. The amplifier, housed in a weatherproof case with mast mounting brackets, may be located up to 500 feet from the remote control unit. The remote control unit may be located at any place convenient to the set. Shpg. wt., 2 lbs. TL-103—List 53.95

Net 31.75

FM ANTENNA BOOSTER MODEL AB-FM as above but for FM band (88-108MC.) TL-104—List 53.95

Net 31.75

BLONDER-TONGUE UHF CONVERTER



The only converter with 3 section tuner for "Class A" signal areas with these exclusive features. Tuned input tracks with oscillator, rejects spurious signals, suppresses oscillator radiation. Precise impedance match gives maximum signal conversion — no line ghosts — no picture smear. Drift-free performance is achieved by use of a thermally compensated oscillator circuit. One knob tuning; no VHF channel switching; output on channel 4, 5, or 6. Complete with tubes and instructions. Shpg. wt., 4 lbs. TL-100—List Price 22.95

Net 15.63

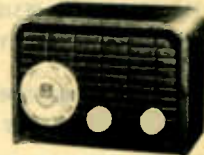
REGENCY FM TELEVERTER



• Makes any TV set an FM Receiver
The Regency Model RC-103 TeleVerteR makes any TV set an FM receiver at the flip of a switch, yet does not interfere with normal TV reception. Utilizes the TV audio system and large speaker baffle to produce tone quality far superior to small table model FM receivers. Completely transistorized. Its power source is 3 tiny penlight batteries. Large easy-to-read dial. Housed in attractive 4 $\frac{1}{2}$ " x 6" x 4 $\frac{1}{2}$ " plastic cabinet. Shpg. wt., 5 lbs. TL-110—FM TELEVERTER Net 14.96

BA-155 Z CELLS (3 needed) .13 ea.

B-T ULTRAVERTER DELUXE UHF-TV CONVERTER



Adds all UHF channels (primary, satellite, and translator) to standard TV sets. Insures finest pix even in weak areas. Features dual-speed channel selection with direct and fine tuning controls; stable, shielded oscillator. Max. signal transfer to channel 5 or 6 of TV; Precise 300 ohm match and triode amplification; Improved tuner design meets new FCC standards. UL approved; Tuning channels 14-83 (470-890 mc); Tubes: 6AF4A and 6ER5; Power: 117 volts at 60 cps AC; 20 w. Size 6 $\frac{1}{4}$ x5x4 $\frac{3}{4}$ ". Shpg. wt., 4 lbs. TL-101 List Price 39.95

Net 26.95

**ANTENNAS and "U-INSTALL-IT" KITS!
ONE PACKAGE DOES IT
— FROM ROOF TO RECEIVER**

LIST 13.45 **5.25** singly each
4.95 each, in lots of 3

TRY TO BEAT THESE ANTENNA PRICES!

FULL 20 ELEMENT STACKED • SNAP OPEN CONICAL

• ALL ALUMINUM • NO LOOSE PARTS • FASTEST INSTALLATIONS

Best antenna deal yet for servicemen-dealer and installation specialists. All the most wanted features. Quickest-easiest installation possible. No loose hardware. All elements snap open and lock in without tools. Most efficient conical design for all reception areas. Two complete bays with Q bars, less mast. Shpg. wt., 8 lbs.

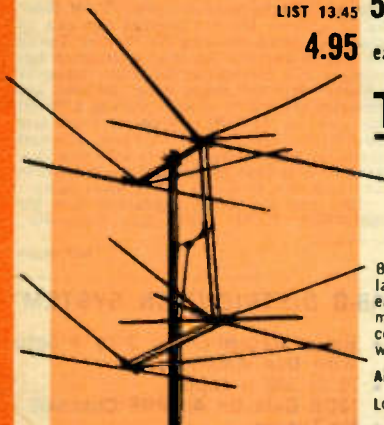
AN-28WX—Singly, ea. 5.25
Lots of 3, ea. 4.95

"U-INSTALL-IT" KIT With All Angle Roof Mounts. Includes AN-28 antenna and installation Kit AM-11 with two 5 ft. masts.

AN-32WX—Shpg. wt., 18 lbs. Net 7.95

"U-INSTALL-IT" KIT With Chimney Mount. Same antenna and accessories but includes chimney mount instead of roof mount.

AN-43WX—Shpg. wt., 18 lbs. Net 8.75



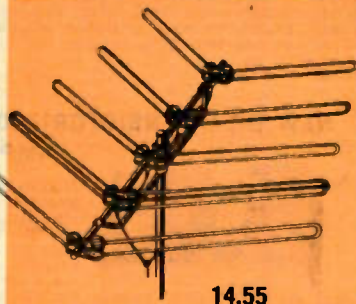
NEW! SUPER FRINGE AREA ANTENNA

- THE MAXIMUM ANTENNA FOR YOUR AREA.
- MAXIMUM CONSTRUCTION.
- PERFECT 300Ω MATCH ON EACH CHANNEL.

The most recent advance in antenna design and construction. Extremely high gain and front to back ratio. Phasing relationship assures equal gain on all VHF channels. Eliminates co-channel interference. Elements are double locked in high impact Styrene plastic insulators. Automatic brackets lock and secure all elements. Completely preassembled. Entire antenna snaps open and locks in. Dual insulators prevent waver, slip and twist of elements. All aluminum construction. Single bay. Less mast. Shpg. wt., 12 lbs.

AN-37WX List 33.19 Net 14.55 AN-38WX 2 Bays stacked Net 29.58
"U Install It" Kit. Includes AN-37WX and roof mount kit AM-10 with one 5 ft. mast. Shpg. wt., 20 lbs.

AN-40WX Net 16.95
Stacked Kit. Includes AN-38 and roof-mount kit with AM-11. Shpg. wt., 32 lbs.
AN-41WX Net 32.69



14.55

FAMOUS BRAND COLOR 'TENNA

PRICE BREAK OVER 50% OFF

List 29.95

- HIGH GAIN ON ALL VHF CHANNELS
- COMPLETELY FACTORY PREASSEMBLED
- ELECTRONIC LENS DESIGN
- HIGHLY DIRECTIONAL—YAGI PERFORMANCE

Lafayette is the FIRST to offer this nationally tried and proven antenna at more than 25% off the regular dealer price. This is the same fine antenna—with all its exclusive features—that sells for dollars more than our record-breaking price. Check these features: Electronic Focussing—High Gain—all VHF channel coverage—ano-dized quality construction—easiest installation—outstanding fringe area reception—compact design dynamically balanced. All-aluminum construction—automatic hardware. Shpg. wt., 8 lbs.

AN-51WX List 29.95 Net 13.95

Complete Kit of AN-51 antenna plus AM-12 mtg. kit as shown. Shpg. wt., 15 lbs.

AN-52WX Net 16.30



**SALE
13.95**

**GOLD
ANODIZED**

FAMOUS BRAND SUPER COLOR 'TENNA

**20 ELEMENTS
—UP TO 125 MILES
OVER 50% OFF**

- ELECTRONIC LENS DESIGN
- HIGHLY DIRECTIONAL—YAGI ENGINEERED
- COMPLETELY PREASSEMBLED
- MORE GAIN ON ALL VHF CHANNELS

Well known, field proven, deep fringe antenna—at dollars below the regular dealer price. All the exclusive features that have made this antenna a national favorite for "problem area" reception. Electronic focussing—20 elements for more gain—quality construction—1" square crossarm—1" round driven elements—1" tubing boom brace—easy installation—automatic hardware—all aluminum construction. Dynamically balanced design—outstanding fringe area performance. Shpg. wt., 10 lbs.

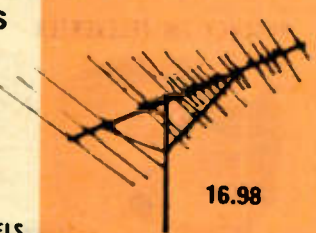
AN-63WX Net 16.90

Kit AK-34. Includes AN-63WX SUPER color 'tenna; 20 ft. telescoping mast and accessories. Shpg. wt., 30 lbs.

AN-34WX 2.00 Down Net 25.95

Kit AK-35. As above, including Alliance K-22 rotator and additional accessories. Shpg. wt., 52 lbs.

AN-35WX 5.00 Down Net 51.40



16.98

8 ELEMENT CONICAL

All aluminum 8 element conical. Full sized. Rugged insulator block. Designed for rapid assembly. Fan front of 6 full length elements. Real value. Shpg. wt., 4 lbs.

AN-11W Singly ea. Net 2.60

Lots of 3 ea. Net 2.40

"U Install It" Kit. Includes AN-11 and roof-mount kit as shown with one 5 ft. mast. Shpg. wt., 11 lbs.

AN-33W Net 4.95

"U Install It" Kit. With chimney mount instead of roof mount. Shpg. wt., 11 lbs.

AN-44W Net 5.50



VEE BEAM

Popular primary area antenna. Rugged aluminum construction. Light weight easy to install. Sharply directional. Shpg. wt., 4 lbs.

AN-21W Net 2.29

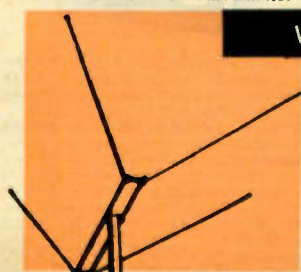
AN-20W 2 bays stacked Net 4.59

"U Install It" Kit. Includes AN-21W and roof mount kit with one 5 ft. mast. Shpg. wt., 11 lbs.

AN-45W Net 4.70

"U Install It" Kit. With chimney mount instead of roof mount. Shpg. wt., 11 lbs.

AN-46W Net 5.29



NEW "LAFAYETTE TECHNI-POWER" DEEP FRINGE TV ANTENNA

- 20 Active Elements
- Broadband (VHF Channels)
- Range to 150 Miles
- Full One Year Warranty

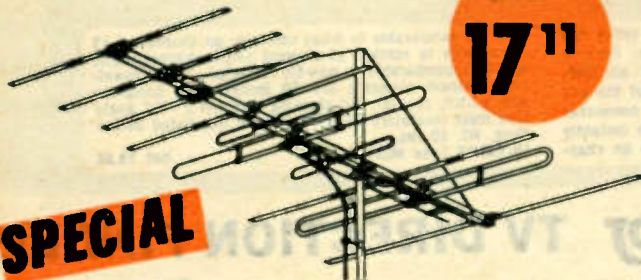
ONLY
17"

This new TV antenna advancement approaches perfection in TV reception. It obtains maximum front-to-back ratio for the elimination of venetian blinds and back ghosts, without sacrifice of gain on either low or high band! This engineering feat is accomplished by: Twin driving of fidelity phasing, Quad-Tri-Quad drive, and Special interleaved elements. Parasitic elements are interleaved in the space-wave pattern between driven elements. The antenna features:—Folded dipole impedance matching on low band, and extra high gain three-element collinear operation on high band! Multiple reflectors and directors, combined with the collinear elements, sharply increase the directivity even beyond many yagis cut for single channels. Double fidelity phasing is used on the high band drive—plus four (4) extra high band elements. Broad banded for all VHF Channels 2 through 13, and carries a full one year warranty covering materials and workmanship. Employs a special long 82½" extra heavy square aluminum boom, original Boom Suspension Rods, which are eight (8) times stronger than the conventional boom bracing! Added special deluxe features include:—Lock-tite saddle bracket; box girder bracket elements—self-locking—self-aligning; all aluminum screws and nuts to eliminate rusting at vital contacts; tagged transmission line connection points; "molded-in" lead line connection screw, and lifetime high impact polystyrene insulators and end caps to prevent whistle and icing!

The "Lafayette Techni-Power" TV antenna is our own custom-engineered design, and comes both in silver aluminum and in matchless gold corodized finish, the **only** true conductor-type protection against corrosion and salt spray! All elements, brackets, insulators and contact points are corrosion-proofed! Shpg. wt., 9½ lbs.

AN-68WX (Silver aluminum) Net 17.11
AN-69WX (Gold corodized) Net 19.05

SPECIAL



LAFAYETTE FRINGE AREA "TECHNI-KIT" ANTENNAS

"BEST BUY" KITS! NOTHING ELSE TO BUY!

- 20-30-40 FT. MAST • WITH OR WITHOUT FAMOUS ALLIANCE ROTATORS • FINEST COMPONENTS

Available on Lafayette's Easy Payment Plan, Only 10% Down On Orders of \$20 Or More



Ground Wire



Standoff Insulators



Lightning Arrester



Hook-eyes



Rotor Cable



4-Wire Lightning Arrester



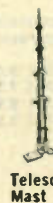
Ground Rod



Turnbuckles

INSTALLATION ACCESSORIES

Take your pick of Lafayette deluxe antenna kits—chosen by experts to meet the most demanding reception problems. Each kit contains a rugged, high-gain, pre-selected antenna, telescoping mast of heavy gauge galvanized steel, universal base mount, guy wire, 100 ft. of twin lead, ground rod, ground wire, lightning arrester, hook-eyes, standoff insulators, turnbuckles. Rotator kits include Alliance rotators, thrust bearing, 10-ft. antenna mast, 100 ft. of rotor cable and 4-wire lightning arrester. Shipped complete—ready for top quality installation. These kits may be shipped by express only.



Telescoping Mast



Mount



Alliance Tenna Rotator



Twin Lead



Rotator

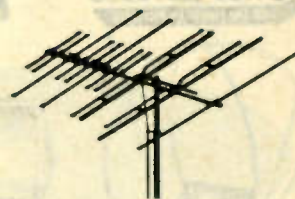
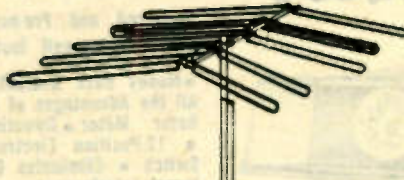
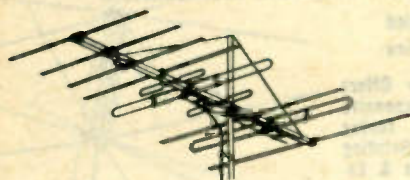


Guy Wire

DEEP FRINGE ANTENNA KITS UP TO 150 MILES WITH LAFAYETTE AN-68WX

LAFAYETTE'S MAXIMUM PERFORMANCE KITS UP TO 100 MILES WITH LAFAYETTE AN-37

FRINGE COLOR 'TENNA KITS UP TO 100 MILES WITH LAFAYETTE AN-51WX



Kit AK-40. Includes the "Lafayette Techni-Power" Deep Fringe AN-68WX. Twin driven—high gain—exceptionally directive. Top design efficiency. Includes 20 ft. telescoping mast and accessories. Shpg. wt., 30 lbs.
AK-40WX Net 26.95

Kit AK-41. As above, including Alliance U-98 rotator and additional accessories. Shpg. wt., 50 lbs.
AK-41WX Net 59.70

Kit AK-42. Same as AK-40, but with 30 ft. mast. Shpg. wt., 45 lbs.
AK-42WX Net 29.29

Kit AK-43. As above, including Alliance U-98 rotator and additional accessories. Shpg. wt., 65 lbs.
AK-43WX Net 62.40

Kit AK-44. Same as AK-40, but with 40 ft. mast. Shpg. wt., 52 lbs.
AK-44WX Net 31.95

Kit AK-45. As above, including Alliance U-98 rotator and additional accessories. Shpg. wt., 75 lbs.
AK-45WX Net 65.18

Kit AK-28. Includes the AN-37 Maximum Performance antenna—most recent advance in antenna design—equal gain on all channels, 2 to 13. 20 ft. telescoping mast and accessories. Shpg. wt., 29 lbs. Express shipment only.
AK-28WX Net 24.95

Kit AK-29. As above, including Alliance K-22 rotator and additional accessories. Shpg. wt., 51 lbs. Express shipment only.
AK-29WX Net 49.25

Kit AK-30. Same as AK-28 but with 30 ft. mast. Shpg. wt., 45 lbs. Express shipment only.
AK-30WX Net 27.59

Kit AK-31. As above, including Alliance K-22 rotator and additional accessories. Shpg. wt., 67 lbs. Express shipment only.
AK-31WX Net 51.95

Kit AK-32. Same as AK-28 but with 40 ft. mast. Shpg. wt., 54 lbs. Express shipment only.
AK-32WX Net 30.39

Kit AK-33. As above, including Alliance K-22 rotator and additional accessories. Shpg. wt., 78 lbs.
AK-33WX Net 54.95

AK-37WX—Antenna only—Shpg. wt., 12 lbs. Net 14.55

Kit AK-46. Includes the Lafayette Color 'Tenna AN-51WX. Gold anodized for corrosion resistance. Highly directional, Yagi type performance. Dynamically balanced, compact design. 20 ft. telescoping mast and accessories. Shpg. wt., 26 lbs.
AK-46WX Net 24.95

Kit AK-47. As above, including Alliance T-12 rotator and additional accessories. Shpg. wt., 48 lbs.
AK-47WX Net 43.66

Kit AK-48. Same as AK-46, but with 30 ft. mast. Shpg. wt., 43 lbs.
AK-48WX Net 27.59

Kit AK-49. As above, but with Alliance T-12 rotator and additional accessories. Shpg. wt., 64 lbs.
AK-49WX Net 56.35

Kit AK-50. Same as AK-46, but with 40 ft. mast. Shpg. wt., 51 lbs.
AK-50WX Net 30.39

Kit AK-51. As above, including Alliance T-12 rotator and additional accessories. Shpg. wt., 74 lbs.
AK-51WX Net 59.29

ALL CHANNEL ELECTRONIC ROTATING TV ANTENNAS

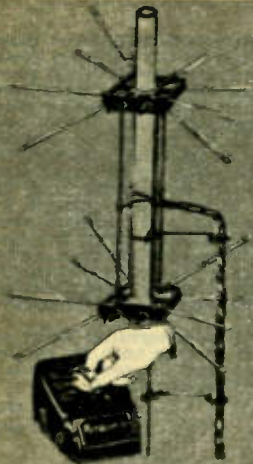
ALL CHANNEL'S "RIVIERA" WORLD'S MOST POWERFUL ULTRA-FRINGE VHF-UHF-FM ANTENNA

GUARANTEED 200 MILE VHF RECEPTION OR YOUR MONEY BACK

- Receives channel 2-83 from all directions without a rotor
- Broadband UHF-VHF and FM, motorless all direction reception
- All aluminum flip-out assembly

Field tests reception on VHF of up to 200 miles has made possible this unprecedented guarantee. Here is an antenna with one transmission line for all UHF, VHF and FM stations in all directions without the use of a rotor. The nine position selector switch connected at the set electronically rotates antenna beam instantly without physically moving the antenna. Gain on chan-

nels 2-6 comparable to 4-bay conicals; on channels 7-13 comparable to stacked 10-element single channel yagis; on 14-83 comparable to bow-tie reflector. 16 1/2" doweled aluminum elements are 60 inches long. Complete with switch, coupler, 45" stacking bars and 2 7/8" angle type mast insulators for Polymicalene line listed below. Shpg. Wt. 10 lbs.
AN-135WX Less Mast Net 19.85



THE RIVIERA MUST BE USED WITH THE LOW LOSS LEAD IN WIRE LISTED BELOW

"U-Install-It" kit: Includes Riviera antenna, chimney mount, two five ft. masts, 100 ft. of Polymicalene 4 conductor lead-in wire, 3 stand off insulators and complete instructions. Shipping wt. 16 lbs.
AM-42WX 2.00 Down Net 29.95

ALL CHANNEL LEAD-IN WIRE FOR USE WITH RIVIERA ANTENNA

Special 4 conductor, matched impedance transmission line. Low loss, mica-filled Polymicalene copperweld conductors.
WR-8W 50 ft. length Net 5.00
WR-9W 75 ft. length Net 7.50
WR-10W 100 ft. length Net 9.95
over 100 ft., per 100 ft. Net 8.95

ALL CHANNEL COMPONENT PARTS

TS-229 9 Position Switch Net 5.93 Ea.
TS-228 Switch to Set Coupler Net .82 Ea.
TS-221 Stacking Harness Net 2.87 Ea.

REMBRANDT TV DIRECTION FINDER

- Receives Signals From ALL Directions—Without a Rotor!
- Supercharges Any TV Antenna—Boosts The Pick-Up Power!
- Filters Out Interference—Tunes Out Ghosts!
- Rejuvenates "Old" TV Antennas
- Amplifies The TV Signal
- No Installation Problem

5.95



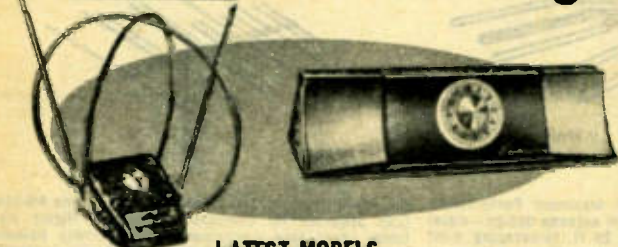
The latest television invention! Seeks out — and beams in — TV signals from any channel, in any direction, without a mechanical rotor. Electrically rotates the polar-receiving pattern of your existing antenna and phases the ground wave picked up by the electrical wiring system with the sky wave picked up by the antenna. Improves any existing antenna: Indoor, outdoor, master or built-in. Boosts pick-up power of any antenna—old or new. Just a flick of the selector control tunes out ghosts—filters out interference—tunes

in those "hard-to-get" problem channels. Automatically amplifies TV signal strength for "snow" free, brighter, clearer pictures. Works on every channel — in any location — with any antenna — for any TV set. No installation problem — simply attach to antenna terminals in back of TV set — and plug into 110V AC/DC outlet. Complete satisfaction guaranteed or your money back. Shpg. wt., 2 lbs.
AN-140 List 9.95 Net, ea. 8.95
In lots of 6 ea. 5.00

ALL CHANNEL'S INDOOR TV ANTENNAS



Embassy



LATEST MODELS

UP TO 100% MORE POWERFUL! WITH 12-POSITION DUAL CONTROL SWITCH

The only indoor TV antenna with telescoping arms that extend to 104", and using adjustable radar loop principles. Field tests prove efficient operation beyond the range of any other indoor antenna, and in difficult reception areas. New 12-position dual control switch is electronically engineered to reject ghosts and orient antenna to direct on of strongest signal. Brass tip balls on telescoping arms eliminate signal losses and static discharge interference. Adjustable radar loops coupled to arms make clearer, sharper pictures or all channels possible. Brass arms and radar loops are lacquered to prevent tarnishing and discoloration. Translucent plastic base resists dirt, dust and smudges. Available in Mahogany and Ivory (specify). Shpg. wt. 4 lbs.
AM-138 List 16.95 Net 9.95

No other indoor TV antenna matches its beauty or equals its incomparable performance. They are a welcome addition to any home because no protruding gadgets spoil the functional design.
FEATURES — Exclusive 12-Position Dual Control Switch • 4-Section Extra Long Telescoping Arms • Reduces Ghosts and Interference • Low-Loss 6 ft. Transmission Line Gives Maximum Signal Transfer • More Powerful Than Other Indoor Antennas • Translucent Plastic Housing Resists Dirt, Dust and Smudges • Polished and Lacquered Arm—No Tarnishing and Discoloration. Available in Mahogany, Ebony or Ivory (specify color when ordering). Shpg. wt., 4 lbs.
AM-139 List 19.95 Net 9.95

NEW! ALL CHANNEL'S "ATLAS KIT" EVERYTHING INCLUDED FOR COMPLETE INSTALLATION!

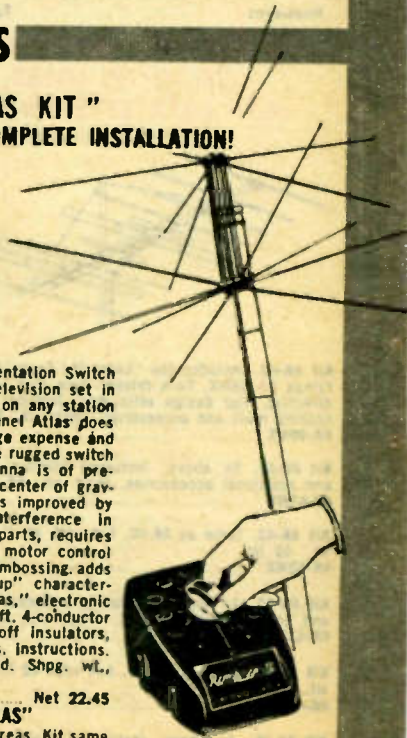
Pre-wired and Pre-assembled For Do-It-Yourself Installation

- Money Back Guarantee • Offers All the Advantages of An Expensive Rotor Motor • Directional Tuning • 12-Position Electronic Rotating Switch • Eliminates Ghosts & External Interference

A flick of the 12 position Electronic Orientation Switch instantly and automatically beams any television set in any location to the best possible signal on any station coming from any direction. The All Channel Atlas does more than a rotor motor without the large expense and headaches. It is very simple to install. The rugged switch assembly matches any TV set. The antenna is of pre-assembled flip out construction with the center of gravity on the mast itself. Picture quality is improved by eliminating ghosts, reflections and interference in difficult reception areas. Has no moving parts, requires no filters, uses no electric current, no motor control wire. Diamond embossed 45" elements. Embossing adds structural strength and adds to "pick-up" characteristics. Complete kit includes stacked "Atlas" electronic rotating switch, switch to set coupler, 70 ft. 4-conductor polymicalene flat lead in wire, 4 stand-off insulators, mounting bracket, two 5 ft. mast sections, instructions. Completely pre-assembled, and pre-wired. Shpg. wt., 14 lbs.
AM-136WX 2.00 Down Net 22.45

THE SINGLE STACKED "ATLAS"

For Problem, Metropolitan & Semi-Fringe Areas. Kit same as above. Complete with TV wire, mast, mounting brackets, and stand-offs. Pre-wired and pre-assembled. Shpg. wt., 8 1/2 lbs.
AM-137WX Net 14.95



LAFAYETTE LEADERS—More for Your Money!

LEADER FM ANTENNA KIT



5.95

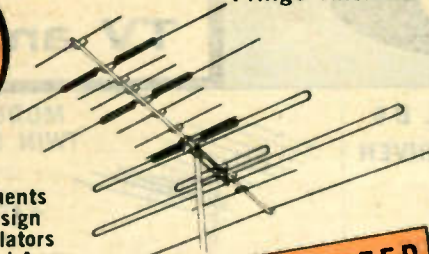
- Complete
- Easy Installation
- Perfect Reception

Extreme efficiency—exceptional value—in a folded dipole FM antenna kit. Provides high gain across whole FM band. Perfect 300 ohm match—no studs or transformers needed. Ruggedly constructed—easily assembled. Kit includes 75 feet of 300 ohm twinlead, 6 screw eye insulators, 2 mast standoff insulators, 5 ft. 1½" O.D. steel mast, all angle roof mount and lightning arrester. Shpg. wt., 11 lbs. Net 5.95

FM Antenna Kit with chimney mount; same antenna and accessories as above except with chimney mount instead of roof mount. Shpg. wt., 11 lbs. Net 6.50

NEW! Maximum Performance Fringe Antenna

SALE 11.88



- 21 Active Elements
- Snap Open Design
- Fiberglas Insulators
- Compound Yagi Array

Range to 125 Miles

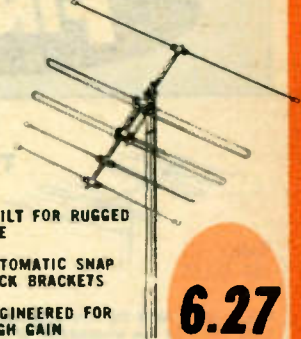
GOLD ANODIZED

Field proven design for fringe reception. Gold anodized to combat corrosion. Exclusive features engineered to make this antenna a national favorite for "hard problem" areas. Compound yagi array to "sock-in" signals where other designs fail. Gold anodized aluminum construction. Fiberglass insulators—channeled for rigidity. Closed boom ends. Dowel reinforced at U Bolt. "Tension-lok" hardware. Aluminum phasing network. Heavy wall tubing throughout. Less mast. Shpg. wt., 8½ lbs. AN-67WX Gold Anodized Net 11.88

AK-38WX. Includes AN67WX antenna, 20 ft. telescoping mast and accessories. Ready for installation. Shpg. wt., 39 lbs. Net 22.50

AK-39WX. Includes AN-67WX Antenna, Alliance K-22 rotator, 20 ft. telescoping mast and accessories. Shpg. wt., 50 lbs. Net 25.79

NEW "HI-5 FM YAGI"



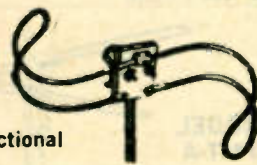
- BUILT FOR RUGGED USE
- AUTOMATIC SNAP LOCK BRACKETS
- ENGINEERED FOR HIGH GAIN
- DESIGNED EXPRESSLY FOR FM

6.27

No FM or High Fidelity outfit is complete without this high gain antenna which was designed for the audiophile who seeks perfection in FM reception. Extra elements on this antenna serve to pull in stations where others fail. Features a new super strength construction and double grip on all elements which assures many years of trouble free operation even under severe weather conditions. The fully automatic snap-lock brackets insure easy, rapid and secure installation. Shpg. wt., 3 lbs. AN-49WX List Price \$12.00 Net ea. 6.27

FM ANTENNA

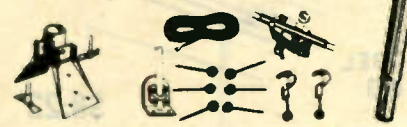
2.85



- Omni-Directional

Provides excellent gain for areas up to 35 miles from the station. Assembles and installs in minutes. Use on existing mast — new installation — or as an attic installation. Gold anodized aluminum for years of trouble free operation. Exceptionally light-sturdy design. Capable of receiving FM signals from practically all directions with equal efficiency. Complete with hardware for most existing installations. Shpg. wt., 3 lbs. Net 2.85

"U-INSTALL-IT" KITS

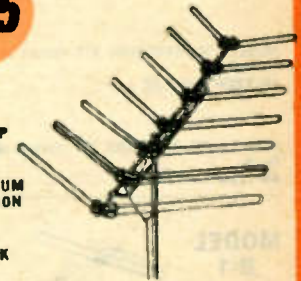


All the items for simple installation. You get an all angle roof mount—lightning arrester—75 feet of 300 ohm twin lead—screw eyes—mast standoffs and 5 ft., 1½ O.D. steel mast. Shpg. wt., 7 lbs.

- AM-10W ea. 2.95 Lots of 3, ea. 2.85
- AM-11W with 2-5 ft. masts. Shpg. wt., 10 lbs. Lots of 3, ea. 3.35
- AM-12W Same as AM-10W and chimney mount. Ea. 3.25 Lots of 3, ea. 3.15
- AM-13W Same as AM-11W with chimney mount. Ea. 3.85 Lots of 3, ea. 3.75
- AM-14W Same as AM-10W with aluminum wall bracket. Ea. 2.95 Lots of 3, ea. 2.85
- AM-15W Same as AM-11 with aluminum wall bracket. Ea. 3.55 Lots of 3, ea. 3.35

NEW "WAVEBOOSTER" 1000 SERIES

26.05



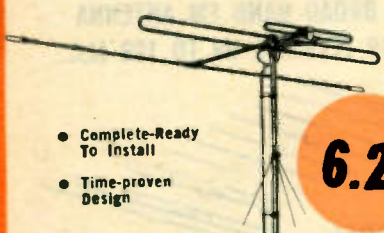
- QUADRO-GRIP ASSEMBLIES
- ALL ALUMINUM CONSTRUCTION
- AUTOMATIC ROCKET-LOCK
- EXTREME FRINGE AREAS

Extremely high gain insures high performance even where other antennas fail. Proper phasing relationship assures complete equal gain on all VHF channels. All annoying disturbances such as ghosts, snow, and channel interference are eliminated.

This antenna is constructed to give many years of top service. Elements are double locked in Hi-impact Styrene plastic insulators preventing stress in severe weather conditions which loosen elements and cause costly antenna breakage. All aluminum construction with fully automatic "Rocket-Lock" brackets for easy and rapid installation. Shpg. wt., 1007-16 lbs. 1007S-32 lbs.

AN-150WX RMS 1007 List 44.30 Net 26.05
AN-151WX RMS 1007S (Stacked) List 90.00 Net 52.92

Leader IN-LINE Antenna Kit



- Complete-Ready To Install
- Time-proven Design

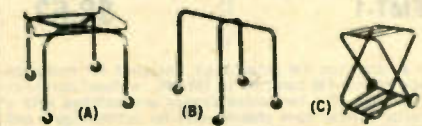
6.29

Ideal metropolitan and suburban antenna kit. Broad band, uni-directional response. Perfect impedance match on high and low bands results in reduced stray reflections and ghosts. Designed for maximum in phase currents on both high and low bands. Kit includes in-line antenna, all-angle roof mount, 75 feet of 300 ohm twin lead, 6 screw eye insulators, 2 mast standoff insulators, lightning arrester and sturdy 5 ft., 1½" O.D. steel mast. Shpg. wt., 10 lbs. Net 6.29

IN-LINE Kit with chimney mount: Same as above but with rugged, two strap chimney mount. Shpg. wt., 11 lbs. Net 6.49

IN-LINE antenna only: Less accessories. Shpg. wt., 4 lbs. Net 3.75

"ROLL-A-ROUND" TV TABLES



(A) Portable TV table with adjustable top to accommodate practically any full size TV set. Can be moved around on its own large free rolling casters. One minute assembly—just insert casters and tighten bolts. Sturdy tubular steel construction. Deluxe, satin black finish. Shpg. wt., 11 lbs. Net 3.29

TL-44 Black Finish Net 3.29

TL-45 Brass Finish Net 4.39

Optional shelf (NOT ILLUSTRATED) can be hooked on above casters for added strength and storage space to TL-44 and TL-45. Shpg. wt., 2 lbs. Net 1.10

TL-53 Net 1.10

(B) Portable TV table specially designed for the new, compact portable sets. Accommodates all sizes up to 14". Designed for the proper viewing angle. Other construction features similar to (A). Shpg. wt., 11 lbs. Net 3.10

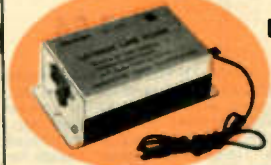
TL-47 Black Finish Net 3.10

TL-48 Brass Finish Net 4.19

(C) This portable cart can be used as a TV Carrier with extra storage space. Porto-bar, Server, bedside tray, and Hi-Fi carrier. Assembles in 1 minute. Handsomely crafted ¾" steel tubing, 6" rubber tire patio wheels. Top shelf height 26", plus rugged steel utility shelf on bottom. Finished in brass and satin black. Shpg. wt., 10½ lbs. Net 6.69

TL-54WX List 19.75 Net 6.69

LO-PASS LINE FILTER



- Dual Ferrite Core Coils

2.49

Exceptionally efficient line noise eliminator. Utilizing dual ferrite core coils, heavily wound. Eliminates line noises caused by motors, industrial RF, neons, appliances, etc. Particularly useful on TV and FM sets, radios, tuners, record players. Automatic attenuation of unwanted disturbances. Shpg. wt., 1¼ lbs. Net 2.49

TS-327 Line Filter Net 2.49

YOUR ORDER RECEIVES PROMPT EFFICIENT SERVICE AT LAFAYETTE

FINCO[®]

The World's Finest - TV and FM ANTENNAS

MODEL B-8 TWIN DRIVEN



RANGE TO
150 MILES

\$22.93

MODEL B-8, TWIN DRIVEN—Absolute maximum front-to-back ratio for the elimination of venetian blinds, back ghosts, etc. with no sacrifice of gain on either low-band or high-band. Accomplished by twin-driving of two fidelity phased elements "Quad-Tri-Quad" drive—true quadrature twin-drive on low-band and tri-quadrature twin-drive on high-band; and "Interleaved Elements." These are added to Fidelity Phasing—combining the proved superiority of driven folded dipole impedance matching on low-band with the acknowledged extra high gain of three-element colinear operation on high-band. Oversize, extra-heavy gauge square aluminum tube boom. Shpg. wt., 9½ lbs. AN-110WX List 39.00 2.00 Down Net 22.93

MODEL B-7. Range up to 150 miles. Similar to B-8 but with eight elements, one reflector. Shpg. wt., 6½ lbs. AN-111WX List 25.90 Net 15.23

MODEL B-6. Range up to 100 miles. Similar to B-8 but with six elements, one reflector, one director. Shpg. wt., 5½ lbs. AN-126WX List 19.65 Net 11.55

MODEL "A" STACKING KIT favors high-band. Shpg. wt., ¾ lb. AN-120W List 2.00 Net 1.23

MODEL "C" STACKING KIT favors low-band. Shpg. wt., ½ lb. AN-122W List 3.00 Net 1.82

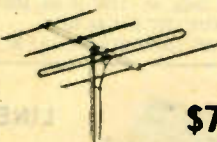
MODEL B-1



\$3.73

MODEL B-1 METROPOLITAN AND SUBURBAN — Pre-assembled, broad band, all aluminum Geomatic design. Optimum performance for an "in-town" type antenna. Higher gain than many conicals. Shpg. wt., 3¼ lbs. AN-127W List 6.35 Net 3.73

MODEL FM-3



\$7.64

FINCO 4 ELEMENT BROAD BAND FM YAGI—A broad banded 4 element Yagi for high gain on FM band, 88 to 108 MC. All aluminum construction with square boom; special "Lock-Tite-No-Tilt" saddle bracket for permanent horizontal alignment. Reinforced elements are pre-assembled with snap-out brackets: "Impedance step-up" design for maximum energy transfer. Shpg. wt., 5 lbs. AN-118WX List 13.00 Net 7.64

MODEL FMS STACKING KIT to stack Model FM-3. Shpg. wt., ½ lb. AN-123W List 3.20 Net 1.97

MODEL B-5 TWIN DRIVEN



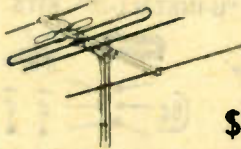
\$19.55

MODEL B-5, MAXIMUM FRINGE AREA—Oversize extra heavy gauge square aluminum tube boom. All element brackets are of "Box Girder" aluminum construction. Exclusive "FIDELITY PHASING" combines the proved superiority of driven folded dipole impedance matching on low band together with the acknowledged extra high gain of three element colinear operation on high band. Multiple low band reflectors and directors, high band colinear reflectors and directors, as well as combination elements. Ultra High Gain and sensitive directivity previously found only in twelve (12) element Yagis cut to single channel. This makes possible reception and picture clarity heretofore considered impossible in maximum fringe areas up to 200 miles. Shpg. wt., 9½ lbs. AN-112WX List 33.25 Net 19.55

MODEL "A" STACKING KIT favors high-band. Shpg. wt., ¾ lb. AN-120W List 2.00 Net 1.23

MODEL "B" STACKING KIT favors low band. Shpg. wt., ¾ lb. AN-121W List 2.50 Net 1.53

MODEL B-3



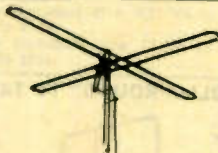
\$8.23

SUBURBAN TO FRINGE OF 75 MILES OR MORE—A Truly HOT Antenna! Includes low-band reflector, 3-element colinear high-band reflector and inductance-tuned combination director for both low-band and high-band. (Ch. 2-13). Shpg. wt., 5 lbs. Model B-3

AN-114WX List 14.00 Net 8.23

MODEL "A" STACKING KIT to stack 2 Model B-3. Shpg. wt., ¾ lb. AN-120W List 2.00 Net 1.23

MODEL FMT-1



\$8.53

An all-direction FM antenna kit, designed for reception over the full FM band, 88 to 108 MC., without necessity of rotation. The two-folded dipoles are matched with a special quarter wave phasing stub for optimum gain and approximate circular, all-direction radiation pickup pattern. Supplied with 50 ft. of 300 ohm twin line, 5 ft. mast, mounting base, two mast stand-off insulators, three wood screw eye stand-off insulators. Shpg. wt., 6 lbs. AN-116WX List 14.50 Net 8.53

MODEL FM-4



\$14.64

FINCO FM SUPER DELUXE ANTENNA—Geometrically designed for ultra-high gain, this antenna uses a twin drive element with impedance control stubs. Extra wide spacing of elements gives substantially greater signal than standard 8 to 10 element designs. Strong square aluminum boom for extra rigidity. Exclusive "lock-tite-no-tilt" saddle mounting. "Box girder" snap-out self-aligning brackets. Antenna is pre-assembled with all aluminum reinforced elements. Shpg. wt., 6½ lbs. AN-119WX List 24.90 Net 14.64

MODEL FMS STACKING KIT to stack 2 Model FM-4. Shpg. wt., ½ lb. AN-123W List 3.20 Net 1.97

MODEL B-4

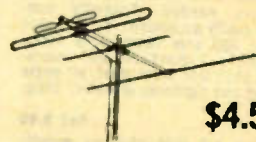


\$10.70

FOR DEEP FRINGE AREA OF 150 MILES OR MORE—Where extra high gain and sharp directivity are a necessity. Includes low-band reflector 3-element high-band reflector, low-band full ½ wave director, and two 3-element colinear high-band directors. (Ch. 2-13). Shpg. wt., 6 lbs. AN-113WX List 18.20 Net 10.70

MODEL "A" STACKING KIT to stack Model B-4. Shpg. wt., ¾ lb. AN-120W List 2.00 Net 1.23

MODEL B-2

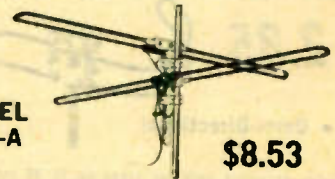


\$4.50

SUBURBAN AND SEMI-FRINGE—Features preassembled, all aluminum, colinear high-band reflector mounted on special high-impact polystyrene insulator for increased gain and exceptionally high front-to-back ratio. (Ch. 2-13). Shpg. wt., 3½ lbs. AN-115W List 7.65 Net 4.50

MODEL "A" STACKING KIT to stack 2 Model B-2. Shpg. wt., ¾ lb. AN-120W List 2.00 Net 1.23

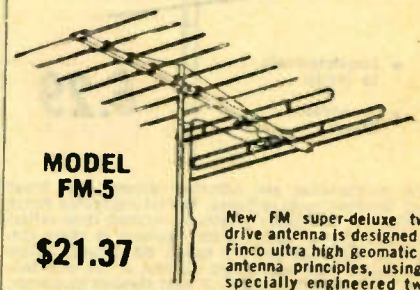
MODEL FMT-A



\$8.53

New turnstile type antenna "Adapt-A-Kit." Eliminates the need for two masts on your roof. Preassembled, instant snapout design. All direction reception — no rotator needed. Double mast mount — rugged, rigid parallel mounting. Complete unit — supplied with 50 ft. of 300 ohm twin line, 2 mast stand off insulators, 3 wood screw stand off insulators, double mast mount, "side-arm" mast and instructions. Shpg. wt., 3½ lbs. AN-125W List 14.50 Net 8.53

NEW FINCO FM-5 GOLD CORRODIZED BROAD BAND FM ANTENNA 10 ELEMENT. 88 TO 108 M.C.



**MODEL
FM-5
\$21.37**

New FM super-deluxe twin drive antenna is designed on Finco ultra high geomatic TV antenna principles, using a specially engineered twin drive element having impedance control "T" match stubs. Allows maximum gain to be realized over the full 88 to 108 m.c. band. Superior front-to-back ratio is made possible through Finco patented fidelity phasing. Designed for maximum protection against weather deterioration and short-out due to corrosion—with all brackets and complete elements double corroded. Heavy duty square aluminum boom, exclusive "Lock-Tite-No-Tilt" saddle mounting, and "box girder" snap out self-aligning bracket are completely pre-assembled. Shpg. wt., 8½ lbs. AN-124WX List 36.35 2.00 Down Net 21.37

VX1111 HI-FI SATELLITE-HELIX



- Range to 150 Miles
- 31 Working Elements
- More Power in Less Space

25 physical elements operate as 31 working elements to deliver high-definition reception—black and white or color—in deep fringe locations. Pin-points distant TV stations. Rugged construction repels effects of high winds, storms and icing. High tensile strength aluminum throughout. Super-sensitive helical high band section, plus famous Satellite sleeve dipole low band with 4 driven element section, provide exceptional front-to-back ratios for movie-clear pictures on channels 2 to 13. Improves ghosts, interference rejection. 1" square cross-arm. Unbreakable Kralastic B Insulators. 1" tubular braces support entire boom length against sag. 100% preassembled for "flip" installation. Less mast; 300 ohm twin line. Shpg. wt., 15 lbs.

AN-70WX List \$47.50 2.00 Down Net 27.93

- Range to 125 Miles
- 26 Working Elements
- Triple Driven

PX911 HI-FI POWER-HELIX



22 multi-function physical elements operating as 26 working elements for extra-high sensitivity needed for crisp, clear, snow-free picture in B/W, or color, out in the deep fringes. Triple-driven collector system combines famous Satellite straight and folded dipole sections into single coactive antenna for Yagi-quality performance. Minimizes multi-path reflections and unwanted signals. High front-to-back ratios of up to 22 db. on low band and up to 28 db. on high band screen out ghosts. Reinforced elements, "Perma-Lok" brackets, double crossarm U-bolt, keep antenna looking and working like new. Entire 1" square boom braced against sag by two 1" tubular supports. Factory preassembled for "flip" installation. Less mast; 300 ohm twin line. Shpg. wt., 10 lbs.

AN-77WX Silver Aluminum, List \$36.95 2.00 Down Net 21.73
AN-75WX Gold Anodized, List \$44.50 2.00 Down Net 26.17

- Range to 100 Miles
- 23 Working Elements

SX711 HI-FI STAR HELIX



19 physical elements operating as 23 working elements. Ideal in semi-fringe areas. Triple-driven collector system joins powerful Satellite folded and straight dipole sections for Yagi-quality performance. Front-to-back ratios of up to 22 db. on channels 2 to 6 and 28 db. on channels 7 to 13 reject noise and signals from rear and side. Ruggedly constructed of aluminum; sleeve reinforced elements lock into new "Perma-Lok" brackets. Heavy duty tandem U-bolt assembly grips boom to mast, holds antenna on transmitter beam. Two 1" tubular boom braces support 1" square crossarm boom length against sag, Kralastic B insulator. Entirely factory-assembled for "flip" installation. Less mast; 300 ohm twin line. Shpg. wt., 8 lbs. single, 18 lbs. stacked.

AN-74WX 2 Bays—High gain, List 61.10 2.00 Down Net 35.93
AN-71WX Gold Anodized, List \$34.30 2.00 Down Net 20.17

- Range to 85 Miles
- 19 Active Elements

B-400 BANSHEE



11 multi-purpose physical elements work as 19 active elements. High-gain response across entire VHF band. In-line construction offers minimum wind resistance. High front-to-back ratio rejects ghosts and interference. Preassembled for easier installation. High tensile strength aircraft aluminum. Dual band loading coils. 1" square crossarm, reinforced elements, "Perma-Lok" brackets. Unbreakable Kralastic-B insulators. Less 300 ohm twin line. Shpg. wt., 7 lbs.

AN-96WX Silver Aluminum, List \$21.53 Net 12.66

JX311 HI-FI JUNIOR-HELIX



- Range to 50 Miles
- 15 Working Elements
- Outperforms 2 Bay Conicals

The perfect answer to all VHF reception problems in metropolitan and suburban areas. 10 multi-function elements operate as 15 working elements. Outperforms and outlasts the finest 2-bay conical. Utilizes the basic fringe-proved Satellite-Helix design of expensive fringe antennas. Completely preassembled all aluminum construction. 1" square crossarm with capped ends. Unbreakable Kralastic B insulators and massive double U-bolt. Perfect for black and white or color TV. Less mast and 300 ohm twin line. Shpg. wt., 5 lbs.

AN-92WX Silver Aluminum, List \$17.50 Net 10.29
AN-93WX Gold Anodized, List \$20.50 Net 12.05

AN350 17 ELEMENT BANSHEE

- Range to 65 Miles
- 17 Working Elements
- Gold Anodized—Looks Better, Works Better

9 physical elements operating as 17 active elements provide flat even response necessary for crisp, steady reception channels 2 to 13—black and white. Low silhouette for low wind resistance. High front-to-back ratios. 100% preassembled "Quik-Rig" construction. Non-corrosive aluminum harness. 1" square crossarm with capped ends, reinforced elements, "Perma-Lok" brackets. High dielectric Kralastic-B dipole insulators. Available in silver or handsome, enduring gold anodized aluminum. Less 300 ohm twin line. Shpg. wt., 6 lbs.

AN-94WX Gold Anodized, List \$26.10 Net 15.35
AN-95WX B-350 Silver Aluminum, List \$19.30 Net 11.35

ANS350 27 ELEMENT BANSHEE

- Range to 110 Miles
- 27 Active Elements
- Gold Anodized—Looks Better, Works Better

15 physical elements do the work of 27 active elements to deliver maximum signal in fringe areas. Sturdy, streamlined, low silhouette design offers minimum wind resistance. High powered twin driven elements, directors and reflectors are spaced and phased for peak performance. Precision loading coils electronically change antenna configuration for optimum broad band reception on any VHF low or high band channel. 100% "Quik-Rig" preassembled. One-half inch and 3/4" od. driven elements. New reinforced dipole assemblies with heavy-gauge sleeves. Double U-bolt. Low-loss high impact Kralastic-B insulators. Less 300 ohm twin line. Shpg. wt., 9 lbs.

AN-97WX Gold Anodized, List \$40.70 Net 23.92
AN-98WX Silver Aluminum, List \$28.80 Net 16.93

ANS400 30 ELEMENT BANSHEE

- Range to 125 Miles
- 30 Active Elements
- Gold Anodized—Looks Better, Works Better

18 multi-function physical elements operating as 30 active elements. Low silhouette, low wind resistance. Powerful twin driven elements working with precision-cut and spaced directors and reflectors. Precisely wound loading coils electrically foreshorten 1/2 wave directors on low band—electrically separate them into 2 full-wave directors on high band for increased sensitivity. Heavy-duty 1" seamless and 3/4" od. driven collectors with capped ends. 1" tubing braces rigidly support 1" square crossarm; new "Perma-Lok" brackets, sleeve reinforced dipoles, high-dielectric Kralastic B insulators. Gleaming, hard gold anodizing keeps antenna looking like new, working like new. Less 300 ohm twin line. Shpg. wt., 9 lbs.

AN-99WX Gold Anodized, List \$44.20 Net 25.99

AB520 HI-FI TRIPLE DRIVEN FIREBALL

- Range to 125 Miles
- 24 Working Elements
- Gold Anodized—Looks Better, Works Better

24 working elements charge weak deep-fringe VHF signals with brilliant picture detail. Features fringe-proved Satellite dipole design. Individual reverse phase twin driven low band and high band collectors, reflectors, and directors. Extremely high signal-to-noise level. Result is sharpened unidirectional directivity, interference-free pictures, rich, deep contrast. Ultra-modern inline construction. Completely preassembled. 1" square crossarm with capped ends and reinforced elements, "Perma-Lok" brackets, double U-bolt, Kralastic B insulators—all add up to greater endurance and better performance. Less mast, 300 ohm twin line. Shpg. wt., 10 lbs.

AN-100WX Gold Anodized, List \$45.00 Net 26.46
AN-101WX Silver Aluminum, List \$37.50 Net 22.05

AB510 HI-FI TWIN DRIVEN FIREBALL

- Range to 100 Miles
- 14 Working Elements
- Gold Anodized Aluminum

10 physical elements work as 14 working elements for extra gain and sensitivity. Combined Satellite and Fireball designs, with broad band cut directors and reflectors. Exceptional directivity and power on all VHF channels. High front-to-back ratio tunes out ghosts, snow and interference. Trim inline design for stormproof performance. 100% preassembled. 1" square crossarm with capped ends, reinforced elements, "Perma-Lok" brackets, double U-bolt, Kralastic B insulators, less mast, 300 ohm twin line. Wt., 8 lbs.

AN-102WX Gold Anodized, List \$31.40 Net 18.46
AN-103WX Silver Aluminum, List \$27.50 Net 16.17

AB500 HI-FI FIREBALL

- Range to 75 Miles
- 9 Working Elements
- Gold Anodized—Looks Better, Works Better

9 working elements offer flat, uniform response and acute directivity. Wipes out ghosts and interference. Employs same famous twin driven dipole design of larger, more expensive antennas. Preferred for reliable performance on channels 2 to 13 in town and country. Twin-driven low band and high band dipoles working with phased reflectors and directors step up sensitivity and suppress undesirable signals. All aluminum throughout. 100% "Quik-Rig" factory preassembled for fast set-up. 1" square crossarm, reinforced elements, "Perma-Lok" brackets double U-bolt, tough, weather-proof Kralastic B insulators. Less mast, 300 ohm twin line. Shpg. wt., 6 lbs.

AN-79WX Gold Anodized, List \$20.50 Net 12.05
AN-81WX Silver Aluminum, List \$16.00 Net 9.41

AFM300 FM FRINGE ANTENNA

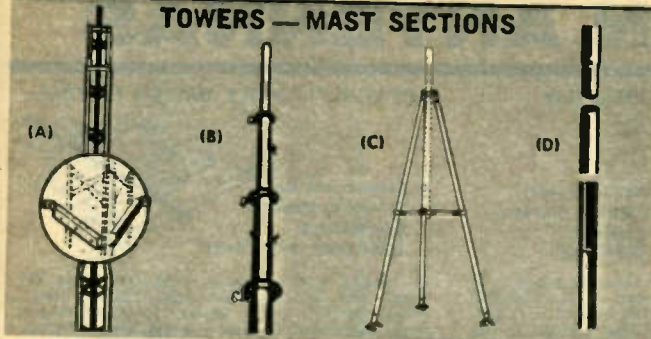
- 6-Element Yagi
- Range to 100 Miles
- Designed with Reception in Mind
- Gold Anodized Aluminum

A true deep-fringe Yagi engineered for the ultra-high gain and sharp directivity needed to search out distant FM signals and relay them to FM receiver with living fidelity. Super-sensitive 6-element Satellite dipole Yagi design steps up gain on distant FM stations, cuts down noise. Completely preassembled for quick installation. 1" square crossarm, 4-director, dipole and reflector beam piles up high gain, pinpoint distant FM stations with astonishing clarity. Entirely made of gold anodized corrosion-proof aircraft aluminum. High-tension preassembled construction. No screws, nuts, or hardware. Each element flips and locks into perfect alignment. Shpg. wt., 4 1/2 lbs.

AN-88WX Gold Anodized, List \$23.50 Net 13.82

TOWER · MAST · ACCESSORIES

TOWERS — MAST SECTIONS



(A) SPAULDING "STRATO-TOWERS"

High quality beaded channel construction. All riveted, no welds to rust. Rugged, zinc plated steel. More strength—less wind resistance at tower top. Top sections accept any rotator. All sections factory assembled. Each tower consists of one or more 8' sections plus an 8' mast, base plate and mast kit assembly. May be "house" bracketed or roof mounted. Free standing installations require guying every 16". Roof mount, "house" bracket and guy stations are extra.

No.	Hgt.	Secs.	Wgt.	Net
TL-123X	8'	1	25	14.15
TL-124X	16'	2	41	21.79
TL-125X	24'	3	56	27.59
TL-126X	32'	4	72	32.89
TL-127X	40'	5	88	42.20

House Bracket, Shpg. wt., 5 lbs.
TL-128X Net 3.67

Roof Mount Base, Shpg. wt., 2 lbs.
TL-129X Net 2.88

Guy Station, Shpg. wt., 4 lbs.
TL-130X Net 3.25

Shipped F.O.B. Frankfort, Ind. No C.O.D. Send full remittance to Lafayette with order. Shipping charges collected on delivery.

(B) TELESCOPING TV MASTS

Heavy-duty telescoping masts, ideal for any TV antenna array. Hot-dip zinc galvanizing inside and outside provides unusual ruggedness and impenetrable corrosion resistance. Designed for easy installation and assembly. Husky thumb bolts lock sections automatically. No slipping, no twisting. Precision fitting assures lasting service. 18 gauge .003" wall. Supplied complete with all guy rings, clamps and necessary hardware. Total 5 10-ft. sections for height up to 50 ft. O.D.: #1 (1 1/4"), #2 (1 1/2"), 50-FT. MAST—Consists of all 5 sections #3 (1 3/4"), #4 (2"), #5 (2 1/4"). Shipping express only.

listed above: Nos. 1, 2, 3, 4 and 5. Height 50 feet. Shpg. wt., 39 lbs.

TL-63WX Net 13.73
40-FT. MAST. Consists of 4 sections; Nos. 1, 2, 3 and 4. Height 40 feet. Shpg. wt., 28 lbs.

TL-62WX Net 10.05
30-FT. MAST. Consists of 3 sections. Nos. 1, 2 and 3. Height 30 feet. Shpg. wt., 21 lbs.

TL-61WX Net 7.28
20-FT. MAST. Consists of 2 sections. Nos. 1 and 2. Height 20 feet. Shpg. wt., 14 lbs.

TL-60WX Net 4.58

(C) BANTAM TV TOWERS

New Bantam TV towers designed for convenient mounting on all peak or flat roof tops. Eliminates cumbersome guy wires. Antenna tower is self supporting. Hot-dip galvanized steel tubing insures strength and corrosion-proof service. Provided with special, hardened, screw nails for strong and rigid fastening. Positive, leak-proof installation is achieved by the sealing compound permanently affixed to the adjustable feet. Completely pre-assembled. Less mast.

7 Foot Installation. Use with 1 1/4" O.D. x 5' mast.

TL-64WX Wt., 5 1/2 lbs. Net 4.20

9 Foot Installation use with 1 1/4" O.D. x 5' mast For 13 Foot Installations use with 1 1/2" O.D. x 10' mast.

TL-65WX Wt., 7 lbs. Net 5.85

(D) TV ANTENNA MASTS

STEEL MASTS. New corrosion-resistant 5 ft. steel mast made to fit all antennas. One end is tapered. "Jam Fit" construction with locking key. 1 1/4" O.D.

TL-12W 5 ft. Wt., 2 1/2 lbs. .69

TL-13WX 10 ft. Wt., 4 1/2 lbs. 1.29

TL-14WX 10 ft. Wt., 16 gauge. Wt., 8 lbs. 1.89

ALUMINUM MASTS. 19 gauge-heavy wall-high tensile strength. Rust and corrosion proof. Swaged for stacking.

TL-66W 5 ft. Wt., 1 1/2 lbs. .89

TL-17WX 10 ft. Wt., 2 1/2 lbs. 1.69

10 Ft. Mast shipped via express only

GOLD ANODIZED ALUMINUM MASTING

IDEAL MAST FOR GOLDEN ANODIZED ANTENNA

This Golden Anodized aluminum mast will outlast any antenna. Made of a tough, extra strong, drawn aluminum alloy. Permanently eliminates corrosion problems. Ends are swaged for "jam-fit" so that two or more masts may be telescoped together.

TL-115W 5 ft. Wt., 1 1/2 lbs. Net 1.25

TL-116WX 10 ft. Wt., 2 1/2 lbs. Net 2.39

(10) STEEL GUY WIRE

Six strands of No. 20 high tensile strength galvanized steel wire.

WR-28 50 ft. roll. Wt., 1 1/2 lbs. .30

WR-29 100 ft. roll. Wt., 2 lbs. .54

WR-30 500 ft. roll. Wt., 12 lbs. 2.65

ALUMINUM GUY WIRE

7-18 gauge stranded wires. Breaking strength 500 lbs.

WR-33 100 ft. roll. Wt., 2 lbs. 1.98

Lots of 5 ea. 1.88

ALUMINUM GROUND WIRE

WR-27 50 ft. coil. Wt., 1 1/2 lb. .85

WR-31 100 ft. coil. Wt., 2 1/2 lb. 1.20

WR-32 500 ft. coil. Wt., 13 lb. 5.90

(11) WALL GRIPS

Hollow Wall Screw Anchors

Reliefs at "Knees" allow expansion with less screwdriver torque. 2 1/2" long, 3/8" body, 7/8" sleeve. With 10-24 screw.

TS-207 Shpg. wt., 6 oz. Net .12

Lots of 10 .95

(12) UNIVERSAL BUSHING

Fits all types of coaxial or twin-lead wires. Fits walls up to 1/4" thick. Requires 3/4" hole.

TS-22 Shpg. wt., 1 lb. Net ea. .85

ALL ANGLE BASE and ROOF MOUNT

All Angle Base and Roof Mount. Most popular swivel base mount in use today. Works on any surface—flat, slant, peak or wall. Heavy gauge weatherproofed steel. Takes any mast up to 2 1/4" O.D. Complete with hardware. Wt., 2 lbs. TS-37 List 3.05 Net 1.07

HOW TO INSTALL TV ANTENNAS



This book describes in simple layman's language, how to install an antenna and the various factors involved. It also tells how to repair TV antennas. No technical knowledge required. 32 pages. BK-1519 Net .50

GUY WIRE FASTENER

Simply draw guy wire through the "grip-tite"; loop wire back, and twist once. Used extensively in armed service communication installations. TS-320 Shpg. wt., 4 oz. Net .69

PRECISION CLARIFIER

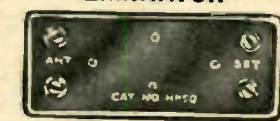


New television picture "Clarifier." Easily adjusted to remove any antenna-fed interference causing picture distortion: FM, diathermy, SW, ignition, amateur, adjacent channel, etc. Does not attenuate signal. Actually tunes out unwanted signal. Matches any antenna. Metal case, finished in brown enamel. Easily installed. With instructions. Size, 4x3 1/4 x 1 1/2". Shpg. wt., 7 oz. TS-123 List 7.50 Net 4.41

MILLER HI PASS TV FILTER

Reduce interference from industrial, commercial and medical equipment. Also "Ham" signals below 40 Mc. No practical attenuation of TV signals above 40 Mc. Simple installation. Connect to TV set antenna terminals. Size 1 1/2 x 1 1/2 x 3 1/2". Shpg. wt., 1/2 lb. TS-321 300 Ohm Line Ea. 3.23

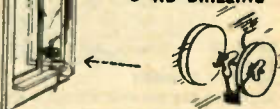
JFD INTERFERENCE ELIMINATOR



Gets rid of all interference below 50 mcs - ham - diathermy - industrial - etc. No effect on signal strength. No ground needed. Mounts on back of set. For 300 ohm lines. Shpg. wt., 1/2 lb. TS-295 HP-50 List 4.50 Net Ea. 2.65

WINDOW FEED-THRU

NO DRILLING



At last a feed-thru that passes your TV signal without drilling, breaking or digging and without signal loss. Just use adhesive supplied to attach units one to each side of window pane and attach your wires. Quick, easy and effective. Shpg. wt., 6 oz. TS-155 per set .58

(1) 3/8" PLATED GROUND RODS

For use where pipe ground is not available. Heavy steel yoke for head.

TL-15W 4 ft. Shpg. wt., 1 1/2 lb. .47

TL-16WX 6 ft. Shpg. wt., 2 1/4 lb. .88

(2) STEEL TURNBUCKLES

Takes up guy-wire slack. Rustproof galvanized steel. Size: 7/8" open, 5/4" closed. Shpg. wt., 8 oz.

TS-72 .13

10 for 1.17

(3) "GRIP" GROUND CLAMP

Makes vise-like grip on pipe. Sharp pointed screw makes perfect contact.

TS-81 Shpg. wt., 4 oz. .15

(4) COLLAR

Universally adapted to masts up to 1 3/4". Hardened cone points. Permits mast orientation when using guy wires. Shpg. wt., 2 oz.

TS-78 Net .30

(5) GUY WIRE RING & COLLAR

Cast aluminum floating guy wire ring and collar that will permit permanent fastening of guy wires, yet permit complete orientation of the mast. Will fit masts up to 1 3/8". Shpg. wt., 1 lb.

TS-79 1.06

TS-80 Same as above but will take masts up to 1 3/4" 1.12

(6) FLOATING GUY RING

Free-floating. Will not bind. Retains guy wire securely. Galvanized steel. Shpg. wt., per pkg. 19 ozs.

TS-66 For 1 1/4" mast. Pkg. of 5 .33

TS-67 For 1 1/2" mast. Pkg. of 5 .39

(7) MOUNTING ACCESSORIES

Lag screw expansion shield. 100% rust proof. Shpg. wt., 10, 2 oz.

TS-50 Net .09 ea. 10 for .81

Lag bolts, 1/4" diam. shank 1 1/2" long. TS-51 Net .04 ea. 10 for .36

Star drill. 1/2 x 8" for drilling in concrete, brick or stone. Shpg. wt., 12 oz.

TS-52 Net .49

(8) 3-WAY GUY WIRE CLAMP

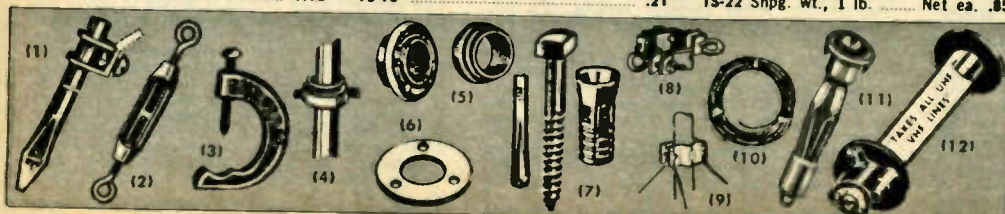
Fits masts up to 2 1/2" diameter. Made of heavy gauge steel. Shpg. wt., 3 oz.

TS-89 Net .29

(9) MAST GUY CLAMP

Has 6 guying points. A handy thing to keep in the tool kit. Will accommodate masts up to one and one-half inches in diameter. Shpg. wt., 1/2 lb.

TS-76 .21



FM - INDOOR - EXACT REPLACEMENT ANTENNAS



3 SECTION INDOOR ANTENNA

Adjustable indoor antenna. 3 section aluminum staffs. Heavy, crackle finish base. Complete with 300 ohm twin lead. Shpg. wt., 2 1/2 lbs.

AN-12 Singly, ea. 1.15
In lots of 3, ea. .99

SWITCH TYPE INDOOR ANTENNA

Indoor—3 position switch and crisscross phasing elements. For VHF-UHF-FM. 3 section brass elements. Bakelite ball housing. With 300 ohm lead in wire. Shpg. wt., 3 lbs.

AN-39 Net 1.99

PORTA-TENNA

A universal antenna for portable and stationary TV sets. When not in use dipoles disappear. Can be placed on back of any TV set. 3 section, plated, telescoping dipoles. Complete with instructions, mounting hardware and lead in. Shpg. wt., 2 lbs.

AN-35 Net 1.89

SNYDER 3-D

Features the famous Snyder Directronic 6-position Beam Selector Switch! Gives the clearest picture on every channel—Instantly—no waiting! Covers all channels. New Criss-cross phasing element gives high variety of circuit arrangements. Aids in impedance matching, ghost elimination and orientation. Two 3-section gold tone brass shafts. Brass plated phasing bar. Shpg. wt., 2 1/2 lbs.

AN-161 Net 2.49

SNYDER SUPER S3-D

Features the new Directronic 12 position beam selector switch, gives the clearest picture on every channel and aids in eliminating ghosts. Triangular phasing element gives a great selection of circuit arrangements. Has patented 4-section gold tone brass shafts molded into a bakelite ball housing which sits on an extra heavy duty topole proof base with gold tone trim. Collapses to only 15", extends to a full 42". Shpg. wt., 3 lbs.

AN-160 Net 3.95

FM TWIN LINE ANTENNA

Folded dipole type for indoor use. Has six foot lead-in equipped with spade lugs which permits it to be installed behind cabinet, under rug, or any out of the way place. Antenna designed to the center of the FM Band. Shpg. wt., 1 1/2 lbs.

AN-50 Net 1.23

JFD DIALAMATIC

TA-147

Outstanding performance on channels 2 to 83. Only 13 inches high but extends to 38 inches for maximum picture power. Uses special 6 position electro-mechanical switch that permits improved impedance matching for stronger, clearer signals. Velvet-action, fully adjustable, 4-section brass dipoles fine-tune picture. Tip-proof felt-padded base helps prevent accidental damage to furniture. Complete with 5 ft. of 300 ohm twin lead. Shpg. wt., 2 lbs.

AN-104 Net 2.70

JFD MERLIN

Efficient indoor TV antenna. Modern, back-of-the set design. Mounts on the back of any TV set. All you see is the attractive 12-position rotary channel selector switch and elements. 4-section elements slide up for sharpest picture. Ball swivel mount permits placement at best reception angle. Gold numbered station selector dial utilizes best of 12 electronic circuits to match channel tuned. Attaches in minutes, with only a screwdriver. Includes 300 ohm twin lead with spade lugs. Shpg. wt., 1 lb.

AN-90 L10 Ivory Net 4.95

AN-91 L20 Mahogany Net 4.95

RMS FOCUS F38K

Produces the gain of three separate switch type indoor antennas stacked together. Actual field tests have proven the Focus to out-perform all "gadget type indoor antennas." In areas where ghosts, snow, and "venetian blinds" affect TV reception, rotation of the 12 position switch instantly eliminates these disturbances. Low Silhouette Base finished in a rich mahogany crackleton with gold face plate and felt bottom pad to prevent marring furniture. Shpg. wt., 4 lbs.

AN-155 Net 5.95

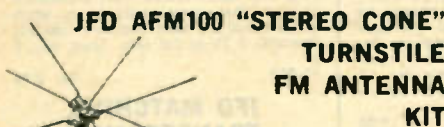
CONICAL WINDOW ANTENNA

Contains 4 full-sized elements plus 2 high frequency dipoles. Installs by placing ends of base against window frame and tightening nuts. Base spans up to 44" to fit all standard window frames. Adjustable in all directions for maximum signal pickup. Shpg. wt., 3 lbs.

AN-22 List Price 12.35 Net 4.95

AN-23 Extension bar for up to 60" window. Net 1.35

AN-24 Extension bar for up to 72" window. Net 1.09



- Range to 75 Miles
- Designed With Reception in Mind
- 360° Omni-Dimensional Pattern
- Gold Anodized

Gleaming gold anodized aluminum for extra surface protection. Everything you need for a quick and easy, professional quality FM antenna installation. Easy-to-follow illustrated instructions. Contents: One pre-assembled Stereo Cone Turnstile Omnidirectional Hi-Fi FM antenna, One 5 ft. gold anodized aluminum mast, One universal base mount for wall or roof installation, guy wire, guy ring, standoffs, and mounting hardware, 50 ft., 300 ohm line. Shpg. wt., 4 1/2 lbs.

AN-85WX List \$15.95 Net 9.38

JFD AFM175 "ATTACH-IT" FM ANTENNA KIT

- Attaches to Any TV Mast

Complete with special 8-element "Stereo-Cone" Turnstile antenna, all accessories and gold anodized brackets for attachment to existing TV antenna masts. Gold anodized aluminum constructed for added corrosion-resistance. Kit includes: Stereo-Cone Antenna, gold anodized mast with 2 gold anodized mast brackets and U-bolts, 50 ft. 300 ohm twin lead, 3-3/4" wood screw eyes, 1-7/8" wood screw eye, and one mast stand-off. Shpg. wt., 4 lbs.

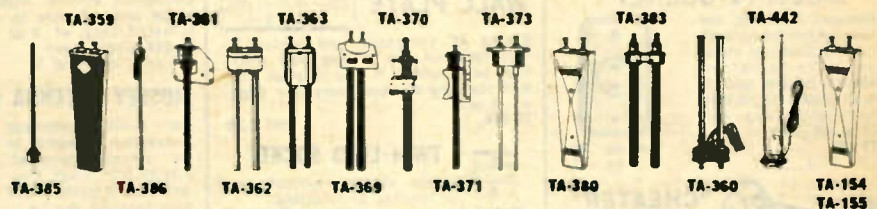
AN-87WX List \$13.95 Net 8.20

AFM-150: Same as AFM-175 above except less twin lead and stand off insulators. Shpg. wt., 3 lbs.

AN-86WX List \$11.95 Net 7.03

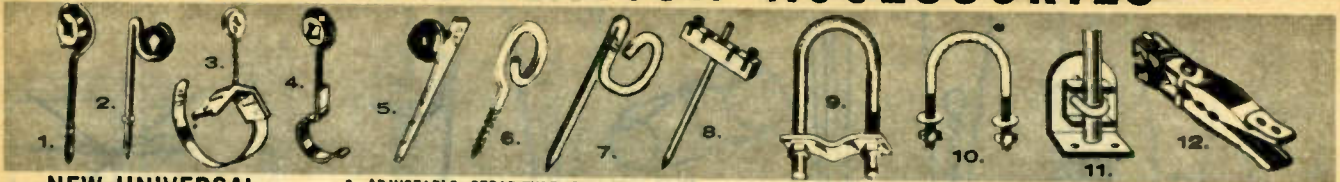
JFD EXACT REPLACEMENT ANTENNAS

Exact replacement antennas for portable television sets. Avg. Shpg. wt., 3/4 lbs.



Stock No.	JFD No.	ADMIRAL Mfrs. Part No.	Net Ea.	Stock No.	JFD No.	MAGNAVOX Mfrs. Part No.	Net Ea.
AN-177	TA-361	69C-220-1, 69C-220-5	3.23	AN-89	TA-359	All '57, '58 and '59 17" and 21" sets	2.65
AN-181	TA-370	69C-238-1	3.67			MOTOROLA TK-76 1V746989	2.65
AN-182	TA-371	69C-234-1	3.67			PHILCO 76-10734-2,-3,-5	3.67
AN-35	TA-154	AN-301	2.32	AN-89	TA-359	76-11538-1	3.23
AN-175	TA-155	ALL 1956 & 1957 Sets	2.91	AN-89	TA-359	'57 14" Sets sold less Antenna	2.65
		DU MONT All 1959 17" Sheffield 22002521	2.65	AN-186	TA-385	76-10734-2,-3,-5	3.67
AN-89	TA-359		2.32	AN-187	TA-386	76-11538-1	3.23
AN-188	TA-442		2.32	AN-89	TA-359	'57 14" Sets sold less Antenna	2.65
		EMERSON 471090	4.50	AN-180	TA-369	962344-1 thru 10, 107260	4.85
AN-176	TA-360	471003, 471069, 471076, 471146	2.32	AN-89	TA-359	973447, 104341, 104366, 104457, 104634	2.65
		GENERAL ELECTRIC P125J590-2, WT8 3X9, 10, 14	5.73	AN-185	TA-383	SILVERTONE SEARs 82-137-0, 82-139-0, 82-164-0	5.44
AN-179	TA-363	P125J590-1, WT8 3X6, 12	5.73	AN-89	TA-359	82-116-0	2.65
AN-176	TA-360	P125J438-1, RLR 001, WT83K5	4.50	AN-176	TA-360	82-127-0, 82-139-0	4.50
AN-188	TA-442	All '56 & '57 14" & 17" sets sold less Antenna	2.32	AN-186	TA-385	TRAV-LER L168	3.67
		HOT POINT WT231X3, 5	5.73	AN-188	TA-442	'58 1730-1 17"	2.32
AN-178	TA-362	WT231X1	5.73	AN-175	TA-155	WESTINGHOUSE H977	2.91
AN-179	TA-363	All '56 & '57 14" & 17" sets sold less Antenna	2.32	AN-183	TA-373	ZENITH S46769	4.85
AN-188	TA-442		2.32	AN-184	TA-380	S43260, S43280	3.67

TV INSTALLATION ACCESSORIES



NEW UNIVERSAL STANDOFF INSULATORS

Latest polyethylene insert will accommodate twin-lead, open line, hollow and tubular lines, round lines, oval lines, double lines, etc.

1. **SCREW-EYE STANDOFF.** First choice for fast secure anchoring. Av. shpg. wt., 10 oz. (5/pkg.).

TI-10 3 1/2" 5 for .13
 TI-11 5" 5 for .20
 TI-12 7 1/2" 5 for .24
 TI-24 3 1/2" Alum. 5 for .17

2. **DRIVE-IN STANDOFF.** Made of galvanized steel. Av. shpg. wt., 5 oz. (5/pkg.).

TI-20 3 1/2" 5 for .17

3. **ADJUSTABLE STRAP-TYPE STANDOFF.** Fits any size mast. Av. shpg. wt., 10 oz. (5/pkg.).

TI-16 3 1/2" 3 for .24
 TI-17 7 1/2" 3 for .28
 TI-25 Stainless Steel, 3 1/2" 3 for .25

4. **"CLIP-ON" STANDOFF.** Attach to mast instantly—"Click" and they're on. 3 1/2" long. Av. shpg. wt., 6 oz. (3/pkg.).

TI-22 For 1 1/4" mast 3 for .16

5. **SUPER NAIL INSULATOR.** Takes flat twin-lead or coaxial cables. Easily drives in brick, mortar, wood and even most concrete. Secure connection. Av. shpg. wt., 4 oz. (5/pkg.).

TS-36 3 3/8" long 5 for .33

6. **GUY WIRE HOOK EYE.** Strong and permanent anchoring. Made of galvanized steel.

TS-71 10 oz. (5/pkg.) 5 for .20

7. **DRIVE RING.** Acts as dependable anchor for any guy wire when hammered in at an angle. Made of galvanized steel.

TS-74 10 oz. (5/pkg.) 5 for .23

8. **"TAPPEE" STANDOFF INSULATOR.** Designed especially for use with open line transmission wire installations. Ideal for use as anchor point, spacer and etc. Polystyrene block and galvanized steel hardware. Av. shpg. wt., 5 oz. (5/pkg.).

TS-291 5" wood screw 5 for .55
 TS-292 7 1/2" wood screw 5 for .60
 TS-293 5" strao type 3 for .39
 TS-294 7 1/2" strao type 3 for .41

9. **MAST CLAMP.** Notched retaining clamp holds 2 masts firmly in sturdy U-bolt. Galvanized steel. Wt., 4 oz. (2/pkg.).

TS-96 2 for .34

10. **U-BOLT.** Made of galvanized steel. Supplied with nuts and washers in place.

TS-70 4 oz. (2/pkg.) 2 for .12

11. **ALL-ANGLE MOUNT.** Permits setting of 1/2 to 1 1/4" masts at most suitable angle for maximum reception. Rust-resistant steel. With mounting hardware.

TS-83 8 oz. (3/pkg.) .31 ea. 3 for .81

12. **QUICK CLIP.** For speedy, simple attachment of antenna lead-in to TV set. Can't short out. Shpg. wt., 2 oz.

TS-10 2 for .07

BIG SAVINGS SCREW-EYE INSULATORS

3 1/2" wood-screw type with genuine polyethylene universal inserts for TV line. Shpg. wt., 1 1/2 lb.

TI-10 Box of 50 .98

Box of 500. Shpg. wt., 15 lb.

TI-40 7.50



UNIVERSAL TV JUMPER CORD



ONE JUMPER FOR ALL TV SETS

Extends from back of TV set—unnecessary to move furniture to get to wall plug. Turns off TV set from rear. Two handy outlets for soldering iron and test equipment. Saves time and effort. Shpg. wt., 1 lb.

TS-243 Net 1.95

MULTI-TV SOCKET

Compact 300 ohm, low-loss socket for all applications. Constant impedance termination. Mounts on any surface. High impact polystyrene. Solderless. Ivory only. Shpg. wt., 2 oz.

TS-298

Lots of 3



Net ea. .46

ea. .41



"CHEATER" EXTENSION

A 6 ft. extension for RCA, Philco, G.E., Admiral and other interlock type sets. Handy for service kit and work bench. TS-107 Shpg. wt., 10 oz. Net .35

INTERLOCK LINE CORD



INTERLOCK LINE CORD-A

Replacement cord for RCA, Philco, GE, Admiral, and others. It has regular molded plug on one end and special rubber plug on the other to fit TV sets. Underwriter's Laboratories approved. A very handy thing to have in your service kit or on the workbench. Shpg. wt., 1 lb.

TS-105 6 ft. brown cord .25

INTERLOCK TV LINE SOCKET-B

Conventional male interlock socket. Standard type used on all television receivers. Heavily plated contact pins. 1 1/4" mounting centers. Shpg. wt., 6 oz.

TS-106 .09

DUPLEX TV RECEPTACLE & WALL PLATE



Neat, convenient, efficient installation. Use for 2 TV sets or TV and FM. Fits standard outlet box. Ivory only. Shpg. wt., 4 ozs.

TS-249 Net 1.16

Molded 2 contact plug for 300 ohm lead.

TS-247 Net .18

ROTOR COMBINATION PLATE. Similar to above except one outlet for 4 conductor rotor lead and one for antenna lead. Ivory only. Shpg. wt., 4 ozs.

TS-295 Net 1.26

Molded 4 contact plug for rotor lead.

TS-296 Net .34

AC-TV RECEPTACLE AND WALL PLATE



Duplex AC receptacle and duplex TV receptacle on one 2 gang wall plate. Puts both outlets in one location. Use with standard wall box. Ivory only. Shpg. wt., 6 ozs.

TS-246 Net 1.39

TWIN LEAD SOCKET

Speeds splicing without need for twisting or soldering.

TS-104 Wt., 2 oz. .11 ea. 10 for .99

COLOR TUBE "BRITENER"

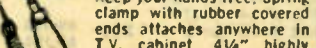
Single-purpose autoformer britener. Provides increased filament voltage to boost electron emission and return full contrast and color quality. Shpg. wt., 1 lb.

TS-299 Net 5.73

DELUXE TV SERVICE LITE

Keep your hands free. Spring clamp with rubber covered ends attaches anywhere in T.V. cabinet. 4 1/4" highly polished aluminum reflector uses standard 25 watt bulb. Complete with 6 ft. cord and 1 1/2 lbs.

MS-63 Shpg. wt., 1 1/2 lbs. Net 1.59



TV MAGI-PLUG

Ideal for hotels, motels, homes and all multi-set installations. This new plug contains an isolator circuit that can supply TV signal to 25 or 50 TV receivers from one antenna, depending on signal strength. Shpg. wt., 2 oz.

TS-297

Lots of 3



Net ea. 1.26

ea. 1.13

SIGNAL ATTENUATOR

May be used with all TV sets troubled with excessive signal. Eliminates poor sync., multiple images, buzz, beats in picture, etc., when caused by signal overload.

Produces 1000 to 1 change in signal reaching set. Reduces most cross-modulation effects. Adjustable for all signal areas. Simple to mount—simple to install. Shpg. wt., 8 oz.

TS-218 Singly, each 1.94

Net each in lots of 3 1.75

MOSLEY ANTENNA CONNECTOR

For quick, solderless connection of lead-in to TV antenna terminal. Fits TS-101 socket. Low-loss polystyrene and non-ferrous metal. Standard 1/2" spacing. Shpg. wt., 2 oz.

TS-35 .18



RCA 240A1 TV SET COUPLER

Operates two or more sets from a single antenna. Easy to install—self-contained wood screw. There's no need to cut or splice the lead because connections are automatically made when the screw caps are tightened. Shpg. wt., 8 oz.

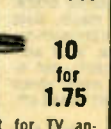
TS-334 Net 1.15



BAKELITE KNIFE SWITCH

Quantity limited. Excellent for TV antenna switching. Heavy metal parts mounted on bakelite base. Double pole, double throw. Shpg. wt., 4 oz.

SW-24 10 for 1.75



Quantity limited. Excellent for TV antenna switching. Heavy metal parts mounted on bakelite base. Double pole, double throw. Shpg. wt., 4 oz.

SW-24 10 for 1.75

TWIN-LEAD POLARIZED CONNECTORS

Polystyrene blocks, keep leads properly polarized no matter how often disconnected. For standard 300-ohm line. Each half measures 1/4 x 3/4 x 3/4". Wt., 3 oz.

TS-103 per set .37



BI-FI 2 SET COUPLER

PRINTED CIRCUIT BIFILAR COILS



Finest reception on all VHF and UHF channels. Highest audio and video signal transfer. Improves watching—reduces ghosts. Effectively isolates each set. Reduces inter-set interference. Polystyrene case eliminates losses from impedance changes that occasionally occur when metal cases are used. Simple to install. Operates 2 TV or FM sets. Shpg. wt., 4 oz.

TS-215 Net 2.06

JFD MATCHING TRANSFORMER

Matches any 72 ohm TV set to any 300 ohm antenna. Permits use of noise free 72 ohm coax line with 300 ohm antenna. Sealed in col-plast for climate proof permanence. Transfers maximum signal strength. Shpg. wt., 1/2 lb.

TS-236 AC-50 List 3.50 Net Ea. 2.06

JFO OUTDOOR SET COUPLERS

• NO MESSY INDOOR WIRING
 • NO LONG "LOSSY" LEADS

New outdoor set couplers—encapsulated in col-plast for maximum weather proofing. Minimum insertion loss due to network of bifilar coils. Optimum isolation and impedance match between sets. All elements sealed in air tight case mounted in a butyrate housing. Shpg. wt., 1/2 lb.

List Net

TS-232 AC-40 2 set 300 ohm 3.50 2.06

TS-233 AC-60 3 set 300 ohm 4.00 2.35

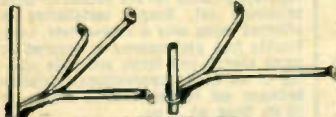
TS-234 AC-70 4 set 300 ohm 4.50 2.65

POPULAR PRICED TV ACCESSORIES



PEAK ROOF MOUNT

A heavy gauge steel peak roof mount. Heavily plated to resist corrosion. Will accommodate mast, up to 2" in diameter. Fully adjustable can be easily rotated. Complete with all necessary hardware. Shpg. wt., 5 lbs. **TS-41** Net 1.10



12' WALL MOUNT

Completely constructed of steel, using extra heavy gauge steel tubing which will not bind. Protected against corrosion by the ALCOATE finish. Special "sure grip" U-bolts. Holds mast up to 1 1/2" O.D. Tripod leg for one section. Shpg. wt., 3 lbs. **TS-250** Singly Each 2.19

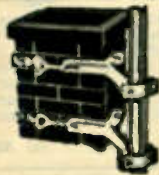
ADJUSTABLE 18" WALL MOUNT

TS-88 Net Each 3.37
Lots of 3 Each 3.06

ALL STAINLESS STEEL CHIMNEY MOUNT



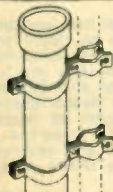
Made entirely of stainless steel! The mount — straps — clips — rivets — screws — nuts — every piece is stainless steel. Everlasting — rust proof — non corrosive. Will take masts from 3/8" to 1 1/2" O.D. Never needs replacing — do it once and forget it! Complete with 2—12 ft. stainless steel straps and all hardware. Shpg. wt., 4 lbs. **TS-245** List 8.05 Net 4.73
Lots of 3 Each 4.13



NO RUST BARGAIN MOUNT

Singly Each 1.98

The ideal chimney mount for life-long satisfactory service under the most severe conditions. Hot dip galvanized steel "M" mount. Two 10 ft. stainless steel straps and stainless steel seals. And at Lafayette's bargain prices. Shpg. wt., 4 lbs. Net Each 1.98
TS-90 Lots of 3 Each 1.80



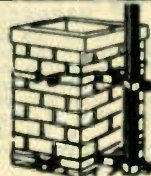
4" SNAP-IN VENT PIPE MOUNT

Mast snaps into bracket. Snap in feature eliminates holding of mast while applying hardware. Single front locking carriage bolt for easy one hand tightening. Sturdier, mast held close to vent pipe. Heavy gauge steel—bright zinc finish. Shpg. wt., 2 lbs. **TS-209** List Price 2.10 Net Each 1.23

PENN SUPER DUTY MOUNT

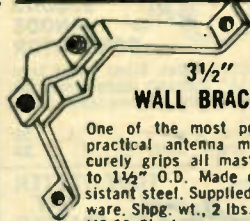


A super-heavy pair of chimney mounts made of aluminum alloy. Extra strong and durable. Will withstand the most severe weather conditions. Two 12 ft. stainless steel straps and stainless steel seals. Six aluminum corner brackets to protect chimney bricks. The most ideal and permanent installation for those who want quality and durability. Will hold masts up to 2" O.D. Shpg. wt., 5 lbs. **TS-91** Each 5.20
Lots of 3 Each 4.68



ECONOMY MOUNT 99¢

Can be erected in minutes; without special tools or drilling. Adjustable. Two-section design permits unlimited spacing between brackets for maximum support of masts 1/2" to 1 1/2" O.D. Complete with two 12-ft. lengths of 3/4" galvanized steel bands and hardware. Shpg. wt., 3 lbs. **TS-82** Net Each .99



3 1/2" WALL BRACKET

One of the most popular and practical antenna mounts. Securely grips all masts from 1" to 1 1/2" O.D. Made of rust resistant steel. Supplied with hardware. Shpg. wt., 2 lbs. **MS-13** Singly ea. .49
Lots of 6 ea. .39

NO RUST ALUMINUM BRACKET

Carriage bolts and front locking nuts for easy installation. Takes masts up to 1 1/2". Two brackets complete with special full thread hex head log screws. Made of high strength aluminum. Shpg. wt., 1 lb. **TS-208** List Price 1.92 Net each 1.15
Lots of 3 each 1.05



STAINLESS STEEL STRAP KIT

Replacement kit. Consists of 2 12-ft. stainless steel straps, stainless steel seals, triangular eyebolts, lockwashers, hexnuts. Puts an end to rust and corrosion. Shpg. wt., 2 lbs. **TS-53** Net each 1.49
Lots of 3 each 1.34



6" ALUMINUM WALL BRACKET

Heavy gauge aluminum. Carriage bolts throughout. Full thread hex head log screws. Masts just "snap-in" for easy handling. Tripod legs. Shpg. wt., 3 lbs. **TS-156** Per Pair 1.62



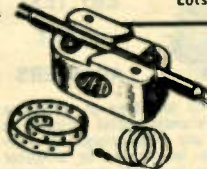
4-WIRE ARRESTER

Chisel point contact eliminates stripping; tightening wing nut completes installation. Low-loss polystyrene case. Also usable with standard TV-FM ribbon. Shpg. wt., 1 lb. **TS-59** Singly Each .88
Lots of 6 Each .79

JFD "LITTLE GIANT" TWIN LEAD LIGHTNING ARRESTER



For Regular or Oval Jumbo Twin Lead. Underwriters Laboratories Approved. No wire stripping or spreading of line necessary. Small size permits easy mounting anywhere — inside or outside. Complete with ground lug and screws for wall or window sill mounting. Special high dielectric, flame-retarding plastic construction does not vary line impedance. Insures maximum signal transfer. **TS-58** Singly Shpg. wt., 9 oz. Each .73
Lots of 6 Each .68



UHF-VHF JFD AT103 LIGHTNING ARRESTER

AT103. For tubular and oval Jumbo Twin-lead. Underwriters Laboratories Approved. Waterproof porcelain with 4" aluminum ground wire and stainless steel strap. Shpg. wt., 9 oz. **TS-27** Net 1.32



JFD 3-IN-1 LIGHTNING ARRESTER UHF/VHF

3 ways better! Special compensating coils for maximum signal transmission—exclusive strain-relief lips — mounts on mast, wall or window sill. Discharges antenna and lead-in static. Nickel-plated brass hardware never corrodes. **AT1105** has stainless steel strap. 9 oz. **TS-16** Screw Type Net .88
TS-17 for pipe mounting Net 1.03



RCA LIGHTNING ARRESTER

Especially designed for the protection of TV and FM receivers. Attaches to the 300-ohm twin lead without cutting or stripping. Easily mounted on any mast or pipe from 1/2" to 2" diameter. Shpg. wt., 5 oz. **TS-335** Net .65
TS-336 Screw Type Net .73



UHF-VHF LIGHTNING ARRESTER

Special saw-tooth washers grip transmission line securely without stripping or cutting wire. Designed for flat, tubular, oval or open types. Constructed of low-loss material that assures less capacity and inductance, resulting in less line loading on UHF. With mounting screw and steel strap. U/L approved. Shpg. wt., 10 oz. **TS-11** Each .35
Singly Lots of 10, Each .29



AMPHENOL UNIVERSAL ARRESTERS

Takes flat, tubular or open wire line. For UHF, VHF or FM. Guards both the set and the signal. Lowest measurable loss—only 1/2 db at 825 MC. Shpg. wt., 6 oz. **CM-187** Net .79

ANTENNA MATCHING "BALUN" COILS

Automatically match antenna to input circuit impedance. Impedance ratio 4:1 — replacement for RCA, Philco, Motorola, etc. Used to construct the finest set couplers and matching transformers. Set of 2 complete with instructions. Shpg. wt., 6 oz. **TS-269** Net per pair .88

CRL TV ATTENUATOR H-PADS



Permits attenuation of TV signal in antenna installations to secure optimum performance. Matches the signal strength to the requirements of the receiver. H-pad a combination of 5 resistors on steatite ceramic plate, has 4 terminals and is installed in series with the 300 ohm twin lead. Shpg. wt., 3 oz.

Stock No.	Type	Attenuation
VD-297	PCH-10	10 db
VD-298	PCH-20	20 db
VD-299	PCH-30	30 db
VD-300	PCH-40	40 db

NET EACH .88
PCM-100 Set of 4 H-pads — 1 of each of above in a clear plastic box. Shpg. wt. 12 oz.
VD-301 Net 3.53
PCM-4 TV antenna attenuator switch. Unit contains H-pads above and has 6 switching positions. With knobs and leads. Size: 2 3/4" deep x 2 1/2" sq. Shpg. wt., 1 lb. **VD-296** Net 5.88



MILLER ADJUSTABLE ION TRAP

Adjustable between 32 and 55 gauss. Takes the place of most single-magnet ion traps in use. Thumb-screw adjustment permits selection of any strength within its range. Reduces serviceman's inventory. Permits easy replacement where original value is unknown or incorrect. Shpg. wt., 8 oz. **CO-71** Net .73

HORIZONTAL BAR GENERATOR



Provides Horizontal Lines On Any T.V. Set—Quick—Accurate Alignment
Generates a series of equally spaced horizontal lines to indicate picture linearity. Simplifies precise setting of yoke. Makes possible accurate positioning of focus coil or magnet. Quick adjustment of vertical linearity, height and centering. No bulky, expensive equipment needed. Plugs onto picture tube. Completely self-contained. **TS-129** Shpg. wt., 8 oz. Net 1.12



JFD ANTENNA COUPLERS

Join any combination of VHF, or VHF-UHF antennas to use one transmission line. Stable circuits separate all channels automatically and assure almost 100% signal transfer. Highest isolation between separate inputs eliminates interaction. Weatherproof. Complete with mast clamp. Shpg. wt., 1 lb.

Stock No.	To Couple Antennas	Net
TS-159	VHF(2-6) and VHF(7-13)	2.06
TS-160	VHF(2-13), UHF(14-83)	2.20

BIG VALUES IN TV ACCESSORIES

FUSIBLE RESISTORS



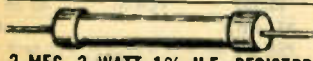
Replacements for Motorola, Crosley, Emerson, Raytheon, Philco, Hoffman, Hallicrafters; Trutone, Sears, Montgomery Ward, Sentinel, Arvin and many others. Shpg. wt., 5 oz.

TS-253—Kit of 4. 5.6 Ohms
 TS-254—Kit of 4. 7.5 Ohms Net
 TS-255—Kit of 4. 9.0 Ohms .76
 TS-256—Kit of 4. 22 Ohms Each Kit
 TS-322—Kit of 4. 4.7 Ohms
 TS-328—Kit 1 each of 5 values Net .95



GE REPLACEMENT FILAMENT RESISTOR KIT

Replaces filament resistor in over 70 General Electric sets. Kit of 2 resistors and instructions. Shpg. wt., 2 oz.
 TS-146 Net ea. 1.44



2 MEG. 2 WATT 1% H.F. RESISTOR
 Popular replacement in H.F. circuit of almost all TV sets. Shpg. wt., 2 oz.
 TS-145 Net .35

COLOR GUN KILLER

Operates Red, Green or Blue Guns Individually or in Combinations to Make Purity Adjustments



Enables each gun of the three-gun kinescope to be operated singly or in combination. Avoids cutting or disconnecting leads to make color purity adjustments. Shpg. wt., 8 oz.
 TS-301 Net 3.18

COLOR KINE ADAPTER



TEST COLOR PICTURE TUBES ON BLACK AND WHITE TUBE TESTERS

Enables each gun of a three-gun color picture tube to be individually tested on tube testers designed for black and white picture tubes. Shpg. wt., 8 oz.
 TS-302 Net 2.63



RETRACE ERASER

Designed to eliminate retrace lines. This plug-in electronic network permits the set owner to turn up the brightness and contrast controls and enjoy optimum TV reception without the interference of annoying lines. The RETRACE ERASER is easily installed by plugging it into the back of the cathode ray tube and connecting one lead to the yoke. The installation can be done in less than two minutes. Shpg. wt., 12 oz.

GRID TYPE
 For sets where video signal is fed into Grid Circuit of CRT.
 TS-119 Net 2.00

CATHODE TYPE
 For sets where video signal is fed into cathode circuit of CRT.
 TS-157 Net 2.00



PICTURE TUBE TEST POINT ADAPTER

Ideal for taking measurements of voltage resistance and video from the base of the picture tube. Just insert between CR tube base and socket. All connections readily accessible. Saves time and increases servicing efficiency. Shpg. wt., 8 oz.
 MS-43 Net .94



EBY TEST POINT ADAPTERS

Designed to fit any type of miniature 7, 9 and the standard octal socket. The contact tabs are long enough for connections with test probe or alligator clip. Ideal for in-circuit measurements from top of equipment. Shpg. wt., 8 oz.
 MS-23—For 7 pin miniature Net ea. 1.32
 MS-24—For 8 pin octal type socket Net ea. 1.29
 MS-25—For 9 pin noval type socket Net ea. 1.47



TEST POINT ADAPTER FOR 110° PICTURE TUBE

For Sylvania type 110° tubes. Ideal for incircuit voltage and current tests.
 MS-464—List 3.25 ea. Net 1.91
 For RCA type 110° tube. Ideal for incircuit voltage and current tests.
 MS-465—List 3.95 Net 2.32
 Shpg. wt., 8 oz.



TV PICTURE TUBE SOCKETS

MOLDED: New all molded duo-decal socket for std. CRT's. Complete with back plate, contacts, hardware. Less leads
 TS-270—Shpg. wt., 6 oz. Net .18
LAMINATED: Duo-decal TV socket with plastic cover. Pins 1, 2, 10, 11 and 12 wired. 18" leads.
 TS-271—Shpg. wt., 8 oz. Net .41
 Same as above wired for electrostatic and magnetic tubes.
 TS-272—Shpg. wt., 8 oz. Net .47
110° SYLVANIA CRT SOCKET. Wired for easy replacement, with 18 inch leads.
 TS-306—Shpg. wt., 6 oz. Net .59
110° RCA CRT SOCKET. Wired for easy replacement, with 18 inch leads.
 TS-305—Shpg. wt., 6 oz. Net .59



NEW! 110° CRT EXTENSION LEADS

110° CRT extension leads for general service work. 3 ft. lead with 110° socket and 110° base. Shpg. wt., 1 lb.
 TS-285—SYLVANIA TYPE
 Extension Lead Net 1.32
 TS-286—RCA TYPE
 Extension Lead Net 1.32

110° CRT SOCKET ADAPTER
 Permits the testing of the 110° CRT on all existing tube checkers, overall length 3 ft. Shpg. wt., 1 lb.
 TS-307—Sylvania Type Net 1.47
 TS-308—RCA Type Net 1.47



UNIVERSAL TV & CRT EXTENSION CORD

Permits testing of picture tube outside of chassis. Fits any duodecal based tube. 5 color coded leads. 36" long Male and Female bakelite sections with full socket and 6 leads for electrostatic as well as magnetic tubes.
 TS-136—Shpg. wt., 1 lb. Net 1.26



UNIVERSAL YOKE EXTENSION HARNESS

Used in conjunction with the tube harness and the anode harness to facilitate servicing. Provides extension from yoke and coil Assembly to chassis. For any make or model using octal plug and sockets as extension. Shpg. wt., 8 oz.
 TS-137 Net 1.32

ANODE EXTENSION

For connecting picture tube while outside of set when testing. 30" long for glass tubes. Shpg. wt., 3 oz.
 TS-46 Net .79



TV SECOND ANODE CONNECTOR

For TV picture tubes. Silver plated snap button. 1 1/4" diameter rubber protected cap. Supplied with 12" wire leads. Shpg. wt., 3 oz.
 TS-47 Lots of 6, ea. .26
 Singly, each .29



TUBE TESTER CRT ADAPTER

Convert any tube tester into a CRT tester. No need to remove tube from cabinet. Tests any picture tube for shorts, emission. 48" lead. Shpg. wt., 12 oz.
 TS-158 Net 3.38



UNIVERSAL TV TESTING KIT

Makes possible testing sets with picture tube electrically connected in circuit, but removed from chassis. Reduces danger of contact with high voltage terminals and tube breakage. Consists of anode extension harness, yoke extension harness, tube socket extension harness and sturdy plastic carrying case. CRT extension is for both electrostatic and electromagnetics tubes.
 TS-141 Shpg. wt., 2 lbs. Net 3.18



TRIO NO STRIP CONNECTOR SAFEST—MOST POSITIVE—LEAD IN CONNECTOR

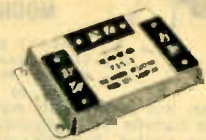
No stripping—no exposed wire—no soldering—no broken leads at the set. Your TV set unplugs with ease—in electrical storms—for moving and cleaning—to add accessories. Safe, positive installation. Stronger than the lead in wire. Fast—easy—just insert the lead in—tighten a single knob.
 TS-339 Shpg. wt., 2 oz. Net .59



EXACT REPLACEMENT SHAFTS

FIT EVERY TV SET MADE
 Extends and insulates all standard control shafts. Fits half round—flatted—spined—split and full round shafts. 21 internal ribs hold any shaft securely. 19" length is easily cut to any size required. Puts the shaft where you can get at it. Shpg. wt., 2 oz.
 TS-340 Net .36
 Lots of 3, ea. .32

3-SET TELEVISION COUPLER



Divides television signal from one antenna equally to feed three separate receivers. Eliminates the need for a separate antenna for the second or third television set. Simple installation is effected using only a screwdriver. Long trouble free performance is assured by using special coil forms and wide spacing of all wiring connections. Isolation between set terminals is in excess of 30 db. Shpg. wt., 8 oz.
 TS-343 Net 1.92

2-Set Coupler. Features the same quality engineering, however, designed for use with one antenna and 2 sets. Shpg. wt., 8 oz.
 TS-344 Net 1.71



ALL PURPOSE ANCHOR KITS

Permanent—rustproof installations. Anchors of noncorroding Territe Buterate and pulverized aluminum. Ideal for use indoors or outdoors. Hang shelves—blinds—awnings—mirrors—fixtures—fasten key board to walls—signs—pipe straps—Use in concrete—tile—plaster board—brick. Complete kit includes 36 expansion shield anchors and 36 assorted screws, #6 to #10. Shpg. wt., 6 oz.
 TS-341 Net .74

Heavy Duty Kit: Contains 22 expansion shield anchors and 22 assorted screws, #10 to #14. Shpg. wt., 8 oz.
 TS-342 Net .74

TUNER-KLEEN



Keep your Standard Coil Tuners permanently clean. Simple installation of 4 cleaners, 2 to outer frame and 2 in place of unused channel coils. Nylon wiper cloth is soaked in cleaner fluid. Grease and dirt thus continuously cleaned from all contacts whenever channel selector rotated.
 TS-178 Net .98



TUNER CLEANER

- Injector Type
- Cleans & Lubricates
- Eliminates Noise
- Long Lasting Protection

New, wax-free lubricant Contains no carbon tet Non-toxic, non-inflammable. Hypo-sensitive injector needle prevents drift and drip. Retards Corrosion—keeps tuners cleaner longer. Easily reaches hard-to-get at spots. Does not affect electrical properties—harmless to insulation and soldered joints. Easy-to-use—long lasting. Shpg. wt., 12 oz.
 TS-324 Net .90

TUNER LUBRICANT

A new, detergent-action lubricant with silicone oil added. Re-cleans and re-lubricates with each rotation of tuner or control. Easy to use, just apply, and rotate shaft. With free injector. Shpg. wt., 12 oz.
 TS-325 Net 1.19

OUR 40th YEAR OF BEST VALUES AND DEPENDABLE SERVICE

TV

ACCESSORY SPECIALS

WUERTH TUBE SAVER

LENGTHENS TUBE LIFE — INCLUDING PICTURE TUBE! PROTECTS T.V. — HI-FI — P.A. Any Electronic Equipment Up to 450 Watts!



New device prolongs life of all electronic tubes including cathode-ray tubes! Protects components and tubes from destructive initial surge currents by "Thermal Cushion Action." Completely automatic. No complicated installation needed, just plug the "Tube Saver" into the wall, and appliances into it. Protects T.V.-Hi Fi Home equipment, etc. RATED: 300 watts, 110-120V AC/DC. Measures only 2 1/2 x 1 3/4". Shpg. wt., 8 oz. TS-150 (Type 150) Net 2.91

Same as above except for electronic equipment drawing up to 450 watts. Suitable for color television. Shpg. wt., 8 oz. TS-316 Net 3.50

WUERTH SURGISTOR COMBINES FUNCTIONS OF RESISTOR and RELAY



A Surgistor is connected directly into the power line circuit of any electrical device. It's function is to limit the inrush current until the tube heaters are warmed sufficiently to accept the full voltage without damage. Starting resistance 100 ohms, circuit resistance 0.2 ohms. Power range 320 watts maximum. Self mounting. Shpg. wt., 6 oz. TS-317 (4100-2) Net ea. .95 In lots of 10, Net ea. .85

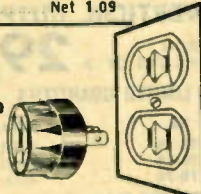
FOR COLOR TV

Same as above, but for Color TV, handles up to 400 watts, 117 volts AC/DC. TS-318 (8050-4) Net 1.09

TV TUBE GUARD

• ADDS LIFE TO RADIO AND TV TUBES

.83



Here's your chance to cash in on a small investment. The "Tube Guard" will pay for itself many times over by greatly reducing costly vacuum tube replacements. Here's how it operates. When tubes are cold, current rushes in at about 8 times the normal rating—reducing the tube life. The Tube Guard, checks this surge of current, reduces filament damages and increases tube life. Just plug "Tube Guard" into outlet, and appliance into it. Shpg. wt., 8 oz. TS-319 Net .83

UNIVERSAL TV TUBE "BRITENER"

\$1.29 SINGLY
In lots of 6 1.39

Restores brightness to dim TV picture tubes. Operates on all types—magnetic or electrostatic—and in all circuits—parallel or series. Shpg. wt., 10 oz. Ea. TS-170 In lots of 6 each 1.29 Singly each 1.39

UNIVERSAL 110° CRT REJUVENATOR



A new Universal picture tube brightener designed for application on 110° picture tubes. A single heavy-duty unit which performs four ways. A simple adjustment adapts it for either series or parallel wired filaments and it can be used on electromagnetic or electrostatic focus tubes. Shpg. wt., 1 lb. Net 2.20 TS-283 For Sylvania Type 110° Tubes Net 2.20 TS-284 For RCA Type 110° Tubes Net 2.20

TV PICTURE TUBE SHORT ELIMINATOR

- Burns off Picture Tube shorts
- Lengthens Picture Tube Life



.99

Eliminates expensive picture tube repairs. No elaborate equipment needed. Repairs grid and cathode shorts in two minutes—without pulling the chassis! Easy to use — decontaminates cathodes — restores operation of brightness control. Can be used as often as needed. Simple "plug in, switch-on" operation. Works with any TV picture tube. Shpg. wt., 1/2 lb. TS-282 Net .99



TV TUBE RESTORER

- The Most Versatile "Booster" Made
- 120 Different Combinations
- Corrects Open Cathode—Heater to Cathode Short—Open Control Grid—Control Grid to Cathode Short—Low Emission
- Any or All in Combination
- For all picture tubes except 110° types

One simple unit provides the cure for most alling picture tubes. Latest model features slide switches—not pin plugs as older units do. Rugged, well made socket—compact, single unit design. Works on electrostatic or electromagnetic focusing tubes, in series or parallel circuits. Includes instructions. Shpg. wt., 1 lb., 4 oz. TS-333 Net 3.23

TRI-SET COUPLER



Highly efficient 3 set coupler. For coupling 2 or 3 TV or FM sets to one antenna of any type. No interaction—less than 6 db insertion loss. 40 to 50 db rejection ratio. Shpg. wt., 1 lb. TS-332 Net 2.29

TV-FM HI-PASS FILTER



- Eliminates Interference in FM-TV antenna circuits

Hi-pass filter passes all frequencies above 40 mc. Rejects all frequencies below 40 mc. Automatically eliminates electrical disturbances in the antenna circuit. Clears disturbances caused by neon, X-Ray, Ignition, appliances, diathermy, short wave, etc. Shpg. wt., 1 lb. TS-331 Net 2.39

TWO SET COUPLER



.55

In lots of 6

Uses one antenna for two sets. Compact electronic set coupler assures performance of two TV sets on one installation. Easy to connect. Nothing to go wrong. Shpg. wt., 1 lb. TS-326 Each .59 In lots of 6, Each .55

TV TUBE 'BRITENER'



.69 EACH In lots of 6

Absolutely no tools or soldering needed for installing this handy inexpensive tube rejuvenator. You simply attach two plugs as directed on the instructions. For magnetic tubes and PARALLEL CIRCUITS only. Renews brightness contrast. Wt., 8 oz. Ea. MS-12 In lots of 6, each .69 singly .79

UNIVERSAL TWIN-LEAD CONNECTORS

The plug with one thousand uses. Fits all transmission line sockets as well as 1/2" crystal holder and octal tube sockets. Solderless. Shpg. wt., 2 oz. TS-329 Net ea. .16 In lots of 5, .14



Solderless socket for above. Shpg. wt., 2 oz. TS-330 Net ea. .16 In lots of 5, .14

AUTOMATIC TV VOLTAGE REGULATOR MODEL D-200



- RETURNS FULL HEIGHT AND WIDTH OF PICTURE WHEN LOW LINE VOLTAGE CAUSES DISTORTION OF PICTURE
- ELIMINATES INTERMITTENT SYNC AND OSCILLATOR DRIFT
- AUTOMATICALLY BOOSTS 10 VOLTS

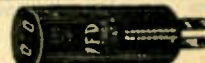
Returns full height and width of TV picture affected by low line voltage. This 300 watt model will handle most requirements from 90 to 135 volts. Boosts 10 volts automatically when line is below 110 volts. Increases set sensitivity. Reduces low line hazards. Simple plug-in installation. Turns on and off with the TV set. Shpg. wt., 2 1/2 lbs. TR-10B PERMA-POWER MODEL D-200 Net ea. 5.85 PERMA-POWER MODEL D-101—Manual model, can also be switched for high line voltage adjustments. TR-20 Net 4.09

ACME T8394M VARIABLE VOLTAGE ADJUSTER



300 W. continuous duty variable transformer. Adjusted by rotary tap sw. Used as step up or step down. Voltmeter shows sec. voltage. Pri. 95/100/105/110/115/120/125 volts at 50/60 cps. Sec. out 115 V. 8" cord and plug. Size 4 3/4 x 4 x 5". Shpg. wt., 9 lbs. TR-14 Net 11.32

JFO VOLTAGE REGULATOR



Maintains steady TV Pix by keeping AC/DC line voltage constant. Automatic regulating protects TV set. Plug TV into regulator, and regulator into outlet. Shpg. wt., 1 lb. TS-115 200 watts Net 2.06 TS-116 250 watts Net 2.06 TS-117 300 watts Net 2.06 TS-118 375 watts Net 2.06

TV LINE VOLTAGE REGULATOR



A protective unit designed to keep line surges from damaging TV or radios. Surges reduced from max. 140 V. down to 110 V. Saves tubes, fuses, etc. Plug into outlet and receiver into unit. Shpg. wt., 1 lb. VD-382 200 to 300 watts Net 2.05 VD-383 300 to 375 watts Net 2.35

UNIVERSAL TV-FM PLUG & SOCKET



Compact-low loss—300 ohm plug and socket combination. For all TV & FM lead-in applications. Surface mounting socket—low loss polystyrene plug. Constant impedance design. Solderless screw terminals. Includes hardware and instructions. Shpg. wt., 2 oz. TS-328 Plug & Socket Net .35

TV ACCESSORIES and PARTS

WHEELER SOUND-POWERED PHONE



Ideal For TV Installation

9.62

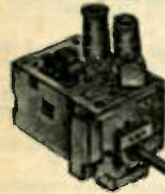
Requires no battery or line voltage. A whisper can operate this self-powered, self-contained telephone. Excellent speech fidelity. Unsurpassed for use in erecting TV antennas. Ideal for home or office room inter-communication. Effective over distances to 25 miles with No. 16 twisted wire; up to 15 miles with No. 19 twisted wire. 12 units can be connected in parallel. Usable with single wire and ground return. Attractive black, molded phenolic handset. Complete ready-to-operate. With 3 1/2 ft. 2-conductor cable, test clips and rubber insulators. Less extension wire. Shpg. wt., 1 1/2 lbs. List \$13.75.

ML-21 WHEELER SPT-102 HANDSET Per Phone Net 9.62
2 cond. wire for indoor and outdoor use. Shpg. wt., 2 lbs. BELDEN 8486.

WR-440 per ft. .035
WR-441 per 100 ft. 2.10

LIGHT AND TELEVISION CLOCK

Placed on top of TV cabinet the #700 Lite Clock provides proper amount of background light for tele-viewing. Accurate, rotating numeral type clock. Walnut finish plastic case. For 110V 60 cycle AC only. Size, 5x5 1/4 x 3 1/4". Shpg. wt., 2 1/2 lbs. ML-11 incl. excise tax 8.14



Standard Coil "GUIDED GRID" Tuners

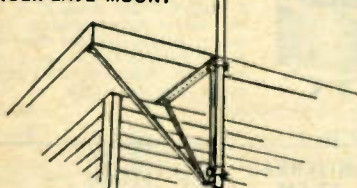
• Replacements for over 1500 different tuners.

Latest, neutralized — triode, circuit provides more gain — better signal to noise ratio — overall improved performance. Factory preset IF, adjustable to fit particular set. Replaces virtually all older tuners. Universal shaft — easily cut to needed size. Uses 6ER5 or 2ER5 amplifier tube and 6CG8A or 5CG8 oscillator mixer. Improved shielding and filter circuits. Complete with tubes and instructions. Shpg. wt., 3 lbs.

Stock No.	Heater	I.F.	Detent	Net
TL-119	Parallel, 6.3V.	21mc	13 pos.	21.07
TL-120	Parallel, 6.3V.	41mc	13 pos.	21.07
TL-121	Series, 600ma.	21mc	13 Pos.	21.07
TL-122	Series, 600ma.	41mc	13 Pos.	21.07
TL-140	Parallel, 6.3V.	21mc	12 Pos.	21.07
TL-141	Parallel, 6.3V.	41mc	12 Pos.	21.07
TL-142	Series, 600ma.	21mc	12 Pos.	21.07
TL-143	Series, 600ma.	41mc	12 Pos.	21.07

SOUND TAKE-OFF COIL — for older sets which require coil connected to tuner converter plate. Standard Coil No. XM752. Shpg. wt., 2 oz. TS-309 Net 1.20

UNDER-EAVE MOUNT



Permits mounting on Antenna by fastening the bracket to the under-side of over-hanging eave on modern ranch-type homes. Can also be used as a sturdy self supporting flat roof mount. Fabricated of heavy gauge steel and Hot-Dip galvanized for maximum corrosion resistance. One piece mounting of welded construction with a heavy gauge embossed steel diagonal support. Complete with installation hardware. Individually packaged. Shpg. wt., 6 lbs. TL-135 Net 3.47

KRYLON ENAMEL & PROTECTIVE SPRAYS

CLEAR ACRYLIC SPRAY

Krylon Crystal Acrylic Permanent Spray coating seals the surface and protects indefinitely. High dielectric strength and weather-proofing qualities. A must for the serviceman. Shpg. wt., 16 oz. PL-350 Net 1.27

SPRAY ENAMELS

Provides a durable coating for wood, metal, leather, paper, etc. Dries in 3 minutes. Rust, fungus, chemical resistant. Won't crack or peel. High dielectric strength. Precision value—non clogging. Specify color and number. Shpg. wt., 3/4 lb. for 6 oz., 1 1/2 lbs. for 16 ozs.

STOCK NO.	6 Oz.	Color
16.2 Ozs.	P-351	Clear
P-352	—	Metal Primer
P-353	P-354	Aluminum
P-355	P-356	White
P-357	P-358	Flat White
P-359	P-360	Glass Black
P-361	P-362	Flat Black
P-363	P-364	Mach. Grey
P-365	P-366	Lt. Grey
P-367	P-368	Dove Grey
P-369	P-370	Gold
P-371	P-372	Yellow
P-373	P-374	Regal Blue
P-375	P-376	Baby Blue
P-377	P-378	Hunter Green
P-379	P-380	Cherry Red
P-381	P-382	Baby Pink
P-383	P-384	Copper
P-385	—	O. D. Khaki
P-386	—	Intl. Orange
16.2 oz. all	—	Net Ea. 1.17
6 oz. all	—	Net Ea. .64

CLEANER & DEGREASER

For cleaning engines, machinery, fans, greasy floors, etc. Dissolves deposits which may then be rinsed away. 16 oz. dispenser. Shpg. wt., 1 1/2 lbs. P-395 Net 1.27



TV EXTENSION SPEAKER

7.38

Full range 4x6" auxiliary speaker in an acoustically constructed, finished wood cabinet. Two built-in volume controls allow use of extension speaker alone, TV speaker alone, or both together for stereophonic sound quality. No need to get out of your easy chair to change the volume level. Wonderful for the hard of hearing when used as a close-up personal speaker. Mahogany finish, with gold grille. Shpg. wt., 4 lbs. SK-76 Net 7.38



COSINE YOKES SPECIAL VALUES POPULAR REPLACEMENTS

REPLACEMENT FOR RCA 74952

70° direct drive cosine yoke. Exact replacement for RCA 74952, Stancor DY10, Merit MD30 and Ram Y70F30/S. Complete with leads and network. Shpg. wt., 1 lb. TS-20 Net 3.75

70°—8/50 MH

70° cosine. Horizontal inductance 8 MH, vertical inductance 50 MH. Replaces Stancor DY8A, Merit MDF-72 and Ram Y70F08. Complete with leads and network. Shpg. wt., 1 lb. TS-181 Net 3.50

70°—30/50 MH

70° cosine. Horizontal inductance 30 MH, vertical inductance 50 MH. Replaces Stancor DY12A, Merit MDF71, Ram 70F25. With leads and network. Shpg. wt., 1 lb. TS-19 Net 3.50

NEW! GLO-BRITE KRYLON



For sure, quick attention. Makes any white surface up to 4 times brighter—easier to see. Gives neon effect under black light. For do-it-yourselfers, display men, hunters, etc. Use on fishing lures, boat markings, life preservers, targets, signs, displays, etc. Numbers P-387 and P-388 are made spec. MIL-P-21600 (AER). Used for aircraft wing tip and rudder markings. Push button can. Shpg. wt., 1 1/2 lbs.

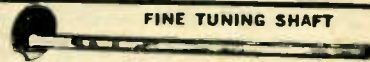
Stock No.	Color	Net each
P-387	Red Orange—633	\$1.82
P-388	Yellow Orange—634	
P-389	Sunset Gold	
P-390	Lemon Yellow	
P-391	Cerise	
P-392	Green	

ZINC CHROMATE METAL PRIMER

Spec. MIL-P-6889-A. Provides excellent bond on bare metal surfaces. Sprays on smoothly to hand finish. 16 oz. can. Shpg. wt., 1 1/2 lbs. P-393 Yellow Net Ea. 1.27
P-394 Green Net Ea. 1.27



SPRAY CAN HANDLE: Makes any spray can a spray gun. Comfortable, trigger action. Shpg. wt., 4 ozs. HD-298 Net Ea. .69 Lots of 3, each .59



FINE TUNING SHAFT

• For Standard Coil Tuners
Replaces Standard Coil part number 317-243-180. The most often needed replacement shaft for tuners. Extra long, all aluminum shaft. Full 10" length easily cut to size. Continuous tuning type — no bumper strap to break off. Fits all models. Shpg. wt., 3 ozs. TS-343 Net 1.80

VERTICAL OUTPUTS

EACH IN LOTS OF 3 29c

LIMITED QUANTITIES

No.	Ratio	Mfg. Centers
TR-35	8.5:1	3 1/2"
TR-39	44.4:1	2 1/4"
TR-74	45:1	2 3/4"

ANY TYPE Shpg. wt., 11 oz. Net .39



TV CHOKES Any Type

49c LIMITED QUANTITIES

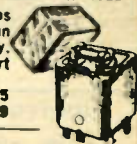
Shpg. wt., 7 oz.

Stock No.	Curr. Ma.	DC Res. Ohms	Exact Replacement Mfr. & Part No.	Ind. Hy.
TR-30	200	34	CAPEHART 650587C1	2.0
TR-33	290	60	FADA 42-60	1.4
TR-52	290	41	Westinghouse	1.15

VIDEO DETECTOR COIL WITH 1N105 DIODE

Lots of 10 each 25c QUANTITY LIMITED

The 1N105 Diode which just snaps out of its holder is worth more than the price of the whole assembly. Exact replacement for Sylvania part 57-3869-1. Shpg. wt., 6 ozs. SP-90 in lots of 10, each .25
Singly, each .20



OUTPUT XFRS

FOR 6K6

Primary 6500 ohms. Matches 6K6, 6AQ5, 6F6 to 3.2 ohm V.C. 1500V insulation. Mtg centers 2x1 1/2" high. Shpg. wt., 1 lb. TR-69 Net .39



4 WATT WOUND FOCUS CONTROL



Replacement for majority of TV sets. 4 watt 1500 ohm with knurled shaft. Shpg. wt., 7 oz. VC-1239

BOOKS about TRANSISTORS — TUBES — HOBBY BOOKS

TRANSISTOR CIRCUITS

2.75



OVER 150 PRACTICAL CIRCUITS

SOME OF THE HIGHLIGHTS

- Audio Amplifiers • RF and IF Amplifiers • DC Amplifiers • Oscillators • Power Supplies • Radio Receivers • Triggers and Switches • Control Devices
- Test Instruments • Amateur Devices
- Miscellaneous Circuits including Geiger counter, phono oscillator, hearing aid, and Intercom.

Takes transistors out of the lab and puts them on the work bench. Over 150 practical circuits for amplifiers, oscillators, power supplies, amateur equipment and other units. All were designed by experts—some by the author himself. All were tested in the author's laboratory—and all of them work! No watering down with transistor testing or theoretical explanation circuits!
BK-922 Postpaid in U.S.A. Net 2.75

SYLVANIA TRANSISTOR AND DIODE BOOKS

HOW TO MAKE A TRANSISTORIZED PORTABLE RADIO. And 20 other practical applications for RF transistors. Features RF circuit applications from low frequencies—such as in a 100-1000kc. frequency standard—to high frequencies—such as in a grid-dip oscillator operating to 9.5 mc. 21 circuits with diagrams. 34 pgs. 6"x9".
BK-33 Postpaid in U.S.A. Net .35

PERFORMANCE TESTED TRANSISTOR CIRCUITS
BK-34 Postpaid in U.S.A. Net .35

ELECTRONIC SHORTCUTS FOR HOBBYISTS
BK-27 Postpaid in U.S.A. Net .35

40 USES FOR GERMANIUM DIODES
BK-28 Postpaid in U.S.A. Net .35

CRYSTAL DIODE CIRCUIT KINKS
BK-29 Postpaid in U.S.A. Net .35

INDUSTRIAL USES FOR GERMANIUM CRYSTALS
BK-30 Postpaid in U.S.A. Net .35

28 USES FOR JUNCTION TRANSISTORS
BK-31 Postpaid in U.S.A. Net .35

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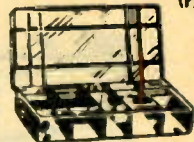
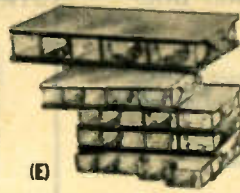
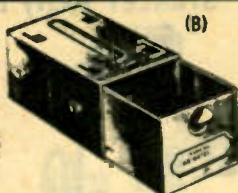
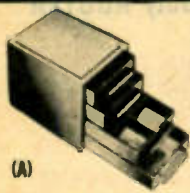
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Deluxe TACKLE BOX

- Corrosion Proof
- Noiseless
- Floating
- 13 1/2" x 8 3/4" x 6"

5.55

Unbreakable, hi-impact plastic. Solid brass links and hinge pins. Nylon lock. Perfect for salt water, can't rust or corrode. Tongue and groove form watertight seal! Can't sink if dropped—floats until retrieved. 2 cork lined cantilever trays—each has 7 compartments. Shpg. wt., 5 lbs.
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STAK-UP STORAGE CABINETS (E)—Convenient, logical small parts storage. Add units as you need them. Stack-up as high as you choose—take apart easily. See thru drawers with "stop" to prevent spilling. 2 dividers with each drawer. Units slide together and lock. Shpg. wt., 1 1/2 lbs.

MC-23—1 double and 2 single drawers Net 1.15
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TRANSPARENT UTILITY BOXES (F)—Attractive plastic boxes ideal for storing screws, nuts, bolts and hundreds of other small parts. With hinged cover and built-in partitions.

Stock No.	Dimensions	Compartment	Wt.	Each
MS-91	7"x3 1/2"x1 3/4"	5	5 Oz.	.41
MS-52	8 1/4"x4 1/4"x1 1/4"	6	7 Oz.	.53
MS-53	7"x3 1/2"x1 3/4"	9	5 Oz.	.41
MS-54	8 1/4"x4 1/4"x1 1/4"	12	7 Oz.	.53
MS-55	10 1/4"x6.4x1 1/4"	18	17 Oz.	1.35

AKRO-MILS HAZ-BIN CABINETS

- STACK-STAND-OR-HANG



Akro-Mils cabinets allow perfect storage and inventory of all small electronic parts. No more frantic moments wasted searching for small, misplaced items. Drawers can be divided to meet specific needs. Stand on flat surface, can be stacked, or hung from wall. Stack Haz-Bin Cabinets back to back—side to side—top to bottom. Includes index labels, dividers, rubber feet. DRAWERS are 2 3/4" Wide, 1 1/4" Deep, 5 7/8" Long. ALL models 6" deep. J-24 through J-48 12 1/2" wide. J-64 through J-128 25 1/4" wide.

Stock No.	Model	Drawers	Height	Weight	Net ea.	Net ea lots of 3 ass'd
MC-26WX	J-128	128	30 1/2"	50 lbs.	52.98	47.60
MC-27WX	J-96	96	22 1/2"	38 lbs.	41.98	37.70
MC-28WX	J-64	64	15 1/4"	24 lbs.	23.98	21.58
MC-29WX	J-48	48	22 1/2"	18 lbs.	18.98	17.08
MC-30	J-32	32	15 1/4"	12 lbs.	11.98	10.70
MC-31	J-24	24	12 1/4"	10 lbs.	9.48	8.53

STOR-A-DOR SHELVES

- 40" high—20" wide—3 1/2" deep
- All Aluminum—6 shelves
- Back of door—or any place



5.95

Add storage space anywhere. Designed for back-of-door, out of sight, storage. Hangs easily on peg board—walls—doors—in closets. All aluminum—each shelf is 20" wide and 3 1/2" deep. Each has a guard rail. Perfect for bottles—jars—cans—boxes—medicine—accessories. Bright finish—can be painted to match any decor. Shpg. wt., 3 lbs. 12 ozs.
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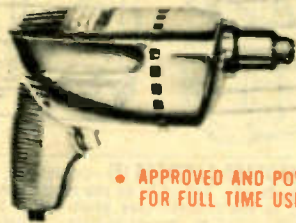
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Constructed of rigid polyethylene, this rugged box will withstand warping, denting, cracking, breaking and corrosion. Solid brass hardware and nylon latch. Handy cantilever tray provides for lures and small tackle with ample room in the bottom for bait and spin-casting reels. Dimensions 12 3/8" long x 4 3/8" deep x 5 7/8" wide. Weighs only 1 3/4 lbs.
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LAFAYETTE'S "PORTABLE POWER" SHOP

Stanley 1/4" Power Drill



17.47

LIST
24.95

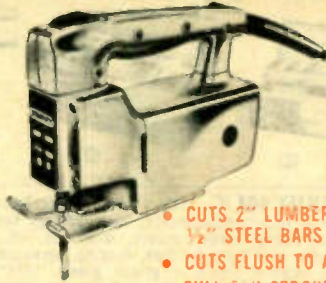
- APPROVED AND POWERED FOR FULL TIME USE
- 3 AMP—2500 RPM—AC MOTOR
- PRECISION GEARED CHUCK

The perfect drill for use with drill attachments. Designed for continuous duty—ease of maintenance. Advanced styling for comfort and balance. Dependable bronze bearings—extra long brush life. 2500 RPM no-load speed. 1600 RPM under full load. Capacity 1/4" in steel, 1/2" in hardwood. Trigger switch with locking pin for intermittent or continuous run. Accurately machined precision gears. High speed airflow ventilation. 8 3/4" overall length. Weighs only 3 3/4 lbs. 3 Amps, 115v. AC only. Shpg. wt., 4 1/2 lbs.

HD-702 List 24.95

Net 17.47

STANLEY Heavy Duty SABRE SAW



32.87

Reg.
46.95

- CUTS 2" LUMBER—1/2" STEEL BARS
- CUTS FLUSH TO A WALL
- FULL 1/2" STROKE—3300 STROKES PER MINUTE
- ANTI VIBRATION MECHANISM

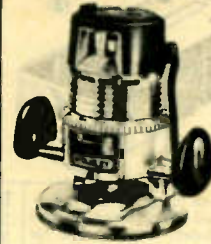
New Stanley Heavy Duty Sabre Saw—rugged enough to cut 1/2" steel bars. Will do the work of rip, crosscut, band, jig, keyhole and hack saws. Particularly suited for use where it's difficult to use a circular or band saw. Cuts curves, scrolls, pockets, intricate patterns in wood, plastics, veneers. Cuts full 2" lumber—conduit—cable—1/2" steel bar—aluminum—brass. 2 position base plus flush cutting blade allows cuts right up to a wall. Improved chip blower—single screw blade lock—positive slide switch—cool, comfortable handle. 2.5 amp. 115v. AC/DC motor. Includes one each wood—metal—and flush cutting blade. Shpg. wt., 6 1/2 lbs.

HD-701 List 46.95

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STANLEY Heavy Duty ROUTER



48.97

LIST 69.95

- HIGH SPEED PRODUCTION ROUTER
- 3/4 HORSEPOWER
- 23,000 RPM MOTOR
- BUILT-IN SPOTLIGHT
- MICROMETER DEPTH ADJUST—TO 4,1000"
- AUTOMATIC SHAFT LOCK—NEEDS ONLY 1 WRENCH

The most advanced router design in the world. Most perfect balance and control available. Highest safety and performance level. Cuts dovetails—dadoes—tenons—mortises—rabbets—beading—molding—joints—grooves—decorative cuts—inlays—cuts soft metals. Built in spot-light increases brightness as work load increases. Recessed switch automatically locks shaft when changing bits. Precision micro-depth adjustment as fine as .004 inch. Cantilevered base and advanced design grips for stability and balance. Clamping lever holds or releases motor with a flip. 6 amp., 23,000 RPM. 115v. AC/DC. Shpg. wt., 9 1/2 lbs.

HD-700 List 69.95

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Basic Bit Kit: Includes three most useful router bits 1/4" straight, 3/8" rounding over, 3/16" V grooving. Also includes a Silicon Carbide hone to keep cutting edges keen. Shpg. wt., 1/2 lb.

HD-709 List 9.95

Net 6.97

Stanley Heavy Duty Builders Saw



- BALL BEARING CONSTRUCTION
- 40% MORE CUTTING FORCE
- 9.5 AMPS—5000 RPM

38.47

Reg.
54.95

Full 9.5 amps offer nearly 40% more cutting force. Wrought aluminum base connected to motor housing by spring steel beam. Rear position control panel. Big knobs for depth and bevel adjust. "Free Start" ball bearing guard—moves at slightest pressure. Big "window" for wide open view of cut. "Motor Saver" drive protects motor against damage when blade cuts nails or knots. Weighs only 9 3/4 lbs. Cuts 3/4" to 1 1/8" at 45°, 3/2" to 2" at 90°. 5000 RPM no load speed. Ball and bronze bearings. 9.5 amps. 115v. AC/DC. Shpg. wt., 13 1/2 lbs.

HD-703 List 54.95

2.00 Down

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RAM "88-3" 7" POWER SAW



27.95

- HEAVY DUTY, INDUSTRIAL
- 1 1/4 HP MOTOR
- 8 AMPS
- 4500 RPM
- CUTS 2 1/2" DEEP

Newly designed model features a powerful 1 1/4 horsepower motor with self lubricating Moly Sulphite bearings. 7" blade diameter, 3/8" round arbor hole. Cuts to a depth of 2 1/2". Angle of cut can be adjusted from 0° to 45°, with depth of cut of 2 1/8" at 45°. No load motor speed 4500 R.P.M. This rugged but lightweight saw is designed for effortless one-handed operation. For 110-120 volts AC/DC. Lustrous mirror finish. Combination rip and cross-cut blade and rip-guide included. Slip clutch. UL approved, 3 conductor cord with 2 prong adaptor. Shpg. wt., 15 lbs.

HD-359 Saw—List 49.98

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SAW TABLE. Perfect complement to the "88-3" Saw. Allows cutting at any angle between 45° and 90°. Complete with miter gauge and rip fence. Shpg. wt., 12 lbs.

HD-360 Saw table, List 17.50

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COMBINATION OFFER. Consists of the HD-359 saw and HD-360 saw table, at a further saving in price.

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COMBINATION BLADE for up or crosscut work.

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FLOORING CUT-OFF BLADE for smoother crosscut than combination blade.

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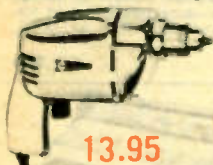
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PLANER BLADE will cut off, mitre, and rip smooth enough to eliminate sanding

HD-363 Shpg. wt., 1 1/2 lbs.

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RAM HEAVY DUTY INDUSTRIAL 1/4" DRILL



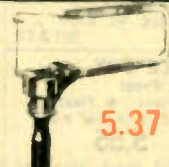
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- FULL 2.4 AMPERES
- MULTIPLE THRUST BALL BEARINGS
- 1/4" GEARED CHUCK AND KEY

Uses a heavy-duty universal type series wound motor for extra efficiency performance. Multiple heavy duty thrust ball bearings are used for smooth running even with large loads. Drill has a no-load speed of 2000 R.P.M., full load speed of 1200 R.P.M. Trigger type on-off switch with locking pin. 1/2" capacity in hardwood, 3/4" in steel. Uses an extra rugged geared Jacobs chuck with 1/4" jaw. With 6 foot, 3 conductor UL approved cord and 2 prong adaptor. Overall length 9". Shpg. wt., 5 lbs.

HD-365 List 23.50

Net 13.95



5.37

DREMEL MOTO-SAW

Lightning fast—makes 7200 strokes per minute and cuts 1 foot a minute through wood up to 3/4" thick! The only electrically driven hand jig saw that cuts the most intricate patterns, cuts at any angle and works on assembled projects. Automatic switch in the handle. For 110 volts, 50/60 cycles. AC. Supplied complete with cord and plug and 3 blades. Shpg. wt., 2 lbs.

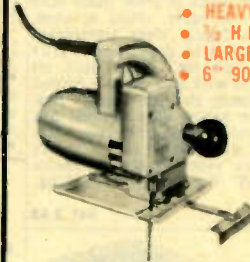
HD-293

Net 5.37

HD-294—12 extra Blades

6 oz. Net .47

WEN 'SOUPED UP' SABRE SAW MODEL 909



- HEAVY DUTY—FULL 6 AMP.
- 1/2 HP MOTOR—1" STROKE
- LARGEST CUTTING CAPACITY
- 6" 90° CUT • 4" 45° CUT

LIST PRICE
44.95

ONLY
29.97

Bigger—more powerful—more versatile—faster cutting. Super-long blade easily cuts through 6x6" lumber. Cuts 4x4" at a 45° angle! Power enough to cut steel plate up to 1/2" thick—iron pipe up to 2" in diameter. Comfortable—conventional saw grip with auxiliary knob for 2 hand control. Saw tilts 45°—sole plate always remains flat. Finger control trigger-switch. Constant air stream flows dust from line of cut. 3400 1" strokes per min. Includes seven blades for cutting wood—steel—hardboard—sheet metal—pipe—leather—rubber—formica—etc. Equipped with rip guide and circle cutter guide. 8 ft. 3 cond cord and adapter. 110 watts. 6 amp., AC-DC. 8Lx7Wx7 1/2" H. Shpg. wt., 8 1/4 lbs.

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9T2 SAW TABLE

- MAKES THE "909" A BENCH SAW

Heavy duty, rugged table for straight cuts, circle, curve, bevel and angle cuts. An aid to safe, efficient, professional type work. 18x18x8 1/2". Shpg. wt., 14 lbs.

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EXTRA BLADES FOR "909"

Rough work blades of high carbon, high chrome steel. Metal cutting blades of high speed steel. Average shpg. wt., 4 oz.

HD-853 1/2 x 7 x 1/2"

—Very fast rough cuts,

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—Fast rough cuts,

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—Knife blade, pkg. of 3

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HD-859 3/8 x 3 3/4"

—High speed—extra fine

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HD-705 One each of above blades, pkg. of 7

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Thor-SpeedWay SUPER 1/4" DRILL



- UL APPROVED
- HELICAL CUT GEARS
- SUPER POWER 2.5 AMP MOTOR
- GEARED CHUCK AND KEY **9.88**

Husky—Low cost 1/4" geared chuck drill rated at a full 2.5 amps. Powerful, UL approved, universal motor. 1/4" capacity in steel, 3/4" in hardwood. No load speed 2400 RPM. Strong, lightweight, cast aluminum alloy housing. Specially designed gear chain for greatest torque. Locking Trigger switch. Oilite Bearings. Overall length 7". 115V AC. Shpg. wt., 6 lbs. **Net 9.88**

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- FULL THREE AMP MOTOR

14.95



A powerful 3 amp, 3/8" electric drill for farm, home and shop use. Can be used to drill steel, wood, concrete, stone, etc. Oilite bearings. For 115 volts AC with 6 ft. UL approved, 2 conductor cord. Complete with 3-jaw geared chuck and key for excellent performance. Overall length 8 1/2". Shpg. wt., 30 lbs. **Net 14.95**

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- POWERFUL QUIET MOTOR
- ADJUSTABLE TOOL REST
- BUILT-IN WATER COOLING TRAY
- DIE-CAST ALUMINUM HOUSING

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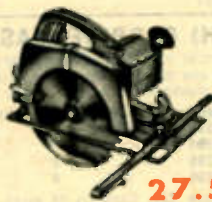
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SPEEDWAY NO. 70 7" SAW

- 1.5 H.P. MOTOR
- ADJUSTABLE SIGHTING GUIDE
- RETRACTABLE BLADE GUARD
- WIDE RANGE CUTTING VISION



27.50

Here is a truly big bargain. The new professional 7" powerhouse-features large blade guard lifter lever, easy clamping knobs for angle and cut adjustments, and safety slip clutch. Ampere rating is 10 amps. The 10 ampere motor has no load speed of 6000 rpm. Depth of cut varies from 1/4" to 2 1/8". Cuts 1 3/4" stock at 45°. Has large accurate protractor and adjustable sighting guide. Oversize momentary safety switch is UL approved. 10 feet 3-conductor type-SJ UL-approved lead cord is provided. Housed in sparkling, high polished cast aluminum alloy. Complete with one 7" combination blade. For 110-120V., 25-60 cycles, AC or DC. Shpg. wt., 17 lbs. **Net 27.50**

HD-864

2.00 Down

HD-465 Extra Combination Blade for Thor 70. Shpg. wt., 10 oz. **Net 2.05**

SUPREME VERSAMATE



- 7X MORE POWER
- FITS ALL DRILLS
- YANKEE STYLE BIT HOLDER

7.49

The fast, safe, easy way to drive even the largest screws into the hardest of woods. Versamate is a forward speed reducer, power multiplier for all portable drills. Add an adapter and it's a fine power wrench; with 1/2" chuck, it will enable you to use masonry bits, hole saws, etc. Factory guaranteed to work without failure. Comes with screwdriver bit and instructions. Shpg. wt., 5 lbs. **Net 7.49**

HD-409

List 9.95

THOR SPEEDWAY 1/2" DRILL

- FULL 6.5 AMP POWER RATING
- TWO-POSITION REAR HANDLE
- HEAVY DUTY SEALED THRUST BALL BEARING ON SPINDLE



This high power 1/2" Drill in the low priced field is built to professional standards throughout. Features safety switch with push button lock and removable top handle. The rear grip handle can be revolved to vertical or horizontal position. It can also be removed for close quarter work! Specifications: 1/2" capacity in steel; 1" capacity in wood; 6.5 amp rating; 400 r.p.m. full load speed; 1 3/4" spindle offset. For 115V, AC/DC. Complete with 10 feet 3-wire, type SJ, UL approved lead cord; and 3-jaw geared chuck with key. Overall length with rear handle is 14 3/4". Shpg. wt., 14 lbs. **Net 24.95**

HD-862

2.00 Down

Net 24.95

11.89

Thor-SpeedWay SUPER SANDER

- 2.75 AMP MOTOR
- MOTOR DRIVEN 3450 RPM
- SANDS—SMOOTHS—BUFFS—POLISHES—RUBS!
- USE SHEET OR FREE (WET) ABRASIVES



Work-saving power for the master craftsman! The top sander with universal electric motor. Rough or finish sanding and buffing are done twice as fast! Hi-speed orbital action produces perfect finish every time. No load speed, 3450 r.p.m. Paper size, 4 1/2" x 6 1/2"; sanding area, 4 1/2" x 5 1/4"; overall length, 8". Sealed ball and oilite bearings. Neoprene ball guide and pad. Two pole induction motor, AC only; standard voltage 115V, 6 ft. 2-conductor UL approved lead cord. UL approved push button switch. Shpg. wt., 6 lbs. **Net 11.89**

HD-707

List 26.95

Net 11.89

HD-865 Lambswool Polishing Pad **Net .79**

HD-866 18 Sheets, Ass'td Sandpaper **Net .98**

MODEL 4100 VERSAMATIC

11.25



- WITH YANKEE STYLE BIT HOLDER
- TURNS 1/4" DRILL INTO HIGH POWER TOOL
- REVERSES—INCREASES POWER—REDUCES SPEED

Seven to one speed reduction develops tremendous torque! Hand clutch control for easy, instant stop-start action! Look at these fabulous features! Power screw driver—handles largest screws—reverses to extract them! Power drill tapping head! Plenty of power for oversize drilling! Perfect for concrete or any kind of masonry drilling! Low speed and high power for hole saw attachments! A professional tool that anyone can use! Comes complete with screwdriver bit—Phillips bit—1/4 socket set adapter—wrench pin and instruction book. Shpg. wt., 5 lbs. **Net 11.25**

HD-195

List 14.95

Net 11.25

1/2" CHUCK FOR VERSAMATIC

Geared chuck—3/8" to 1/2" capacity—#33 taper to fit Supreme Versamatic. Shpg. wt., 1/2 lb. **Net 7.30**

HD-268

Net 7.30

2.98

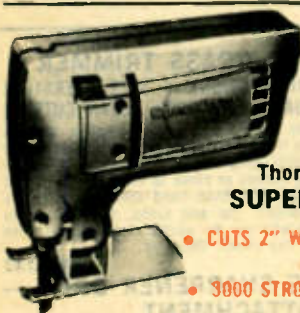


JACOBS TYPE DRILL CHUCK

Comparable to Jacobs 1B. Key type geared tooth chuck. Capacity 0-1/4", thread 3/8"x24". Ruggedly constructed. Polished finish. Used as standard equipment on most electric drills. Made to rigid specifications. Compare our really low price. You'll find this same chuck selling for twice as much! Shpg. wt., 1 lb. **Net 2.98**

HD-186

Net 2.98



13.99

Thor-SpeedWay SUPER JIG SAW

- CUTS 2" WOOD—1/4" STEEL
- 3 AMP MOTOR
- 3000 STROKES PER MINUTE

Enjoy a new thrill in sawing! The powerful No. 5 jig saw cuts curves, scrolls, straight cuts and rips. Cuts 45° angle on either side. Cutting capacity: 2" soft wood, 1/4" in steel; length of stroke 3/4". Motor rating, 3 amps; no load speed, 3000 strokes per minute; oilite bearings. Base tilts 45°. Overall length 6 3/4", height 5". Universal series wound motor, AC or DC; positive on-off position, push-through slide switch UL-approved; 6 ft. 2-conductor lead cord UL-approved. One wood cutting jig saw blade and wrench. 115V, AC/DC. Shpg. wt., 5 lbs. **Net 13.99**

HD-706

Net 13.99

HD-439 Pkg. of 5 wood and metal cutting blades. **Net 1.47**

BABCO NO. 945 UNIVERSAL DRILL PRESS STAND



- ADJUSTABLE DEPTH STOP
- SPRING RETURN TENSION
- ADJUSTABLE CRADLE
- ADJUSTABLE DEPTH GAUGE DIAL **10.44**

The New Babco Universal Drill Press can be used for any 1/4" pistol grip electric drill. Features rack and pinion gear feed, and adjustable depth stage. Handle gives up to 15 to 1 leverage. Thumb screw adjustment is provided. Drill press head is clamped in rigid position. Precision accurate slide moves in V-ways with take-up GIB for wear. 2 1/4" stroke. Square base is provided with slots for drill bit and for bolting work to base. Other features include spring return tension, fast hand-action, head clamps and adjustable depth gauge dial. Shpg. wt., 6 lbs. **Net 10.44**

HD-464

BABCO RIGHT ANGLE DRIVE

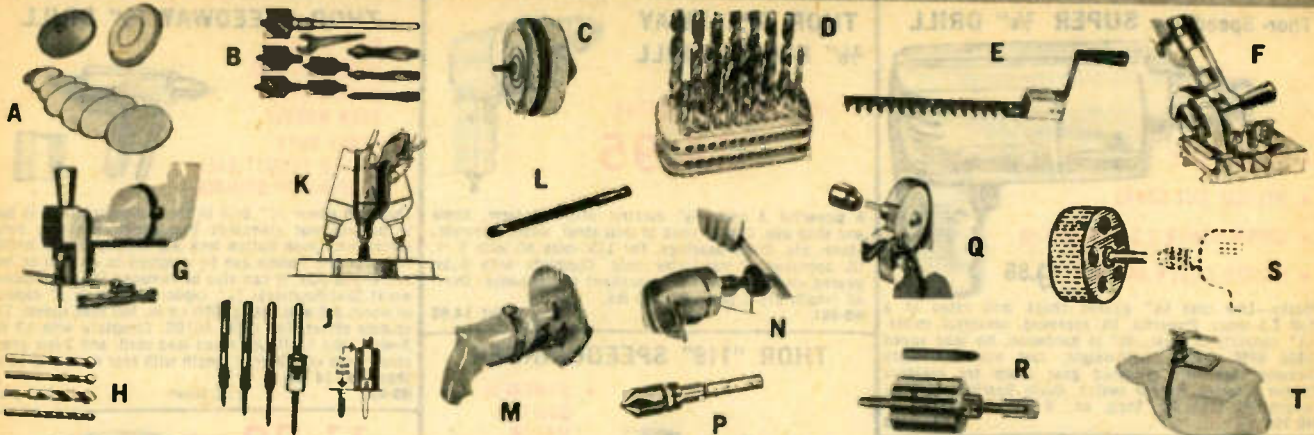
- HALVES OR DOUBLES DRILL SPEED **3.30**



Close coupled—right angle attachment for working in confined spaces. 2 to 1 gear ratio permits halving or doubling drill speed. High speed for drilling and sanding—slow speed for polishing—large hole drilling—masonry drilling, etc. Fits 1/4" chuck or may be screwed directly to drill spindle. Includes 3/8-24 male and female adapters—and 1/4 plain shaft adapter. Shpg. wt., 1 lb. **Net 3.30**

HD-289

ACCESSORIES MAKE YOUR DRILL A PORTABLE MULTI-TOOL



(A) SANDING AND POLISHING KIT

• USE WITH ANY DRILL • 9 DURABLE PIECES

High quality sanding and polishing kit for use with any standard drill or drill press. Cuts working time to a fraction, while taking the work out of sanding. Ideal for all types of sanding, removing rust-paint, and polishing hobby-craft, auto, etc. Kit contains flexible rubber 5" backing disc, 7 assorted-grain sanding discs, and 6" lambs wool polishing bonnet. Shpg. wt., 1 lb.

HD-270 Net 1.43

(B) 10 PC. POWER BORING SET

For 3/4" electric drill or drill press. 8 different bits plus shank and wrench. Sizes 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1" and 1 1/4". Fast, clean bore at any angle. Shpg. wt., 1 lb.

HD-181 Net 1.97

(C) 4 PC. UTILITY KIT

Grinds, polishes, sharpens, cleans, finishes. Kit contains 3" grinding wheel 1/2" thick, 3" double thick muslin buff, 3" wire wheel. Flanged arbor with 1/4" shank. All wheels have 1/2" bore. Shpg. wt., 1 lb.

HD-392 Net .99

(D) 29 PC. DRILL SET:

29 chrome vanadium twist drills with indexed metal stand. Sizes 1/16" to 1/2" by 64ths. Shpg. wt., 4 lbs.

HD-214 Net 5.40

TURNED DOWN SHANKS

Same as above, but with shanks turned down for 1/4" drill.

HD-440 Net 7.29

(E) "SHOP KING" HEDGE TRIMMER

• 14" BLADE

Converts any 1/4" drill into an easily handled hedge trimmer. Cuts, trims and shapes hedges and shrubbery. Extra long 14" blade of hardened tool steel. Keen edges for fast shearing action. Steel drive gear—permanently lubricated. Long, comfortable handle. Locks in any of 10 different positions. Light weight—compact. Shpg. wt., 3 lbs.

HD-723 Net 6.99

(F) ARCO SAW WITH DADO ARBOR

• CUTS 2 x 4's IN ONE CUT

Revolutionary new "Arco-Saw" with Adjustable "Dado-Arbor" cuts any groove up to 1/2" wide x 1" deep on ONE CUT! Arbor swivels sawblade to cut large grooves with little power—no heavy duty drill needed. "Dado-Arbor" easily removed for straight and angle cuts with precision Depth-Bevel-Rip Gages. Has 5" Safecut blade. Fits any 1/4" drill in 1 minute. With instructions and factory guarantee. Shpg. wt., 4 lbs.

HD-197 List 12.95 Net 8.63

HD-115 Safecut Blade Net 1.23

HD-116 Mycarbon Crosscut Blade Net 1.23

HD-117 Mycarbon Rip Blade Net 1.23

HD-118 Mycarbon Combination Blade Net 1.23

(G) ARCO JIG SAW

Cuts perfect circles any size up to 20" diameter; rips accurate widths any size up to 10" wide. An especially desirable home workshop tool because of its versatility. Does work of Jig, Keyhole, Coping, Rip, Crosscut, Band and Hacksaw! For intricate patterns, the Jig Saw is simply guided over the cutting line while the Automatic Air-Blower blows sawdust away from blade. Cuts plywood, plastics, wallboard, metals—even lumber up to 2x4's! Starts inside holes without boring. Has Right Angle Drive, strong Safety-Yoke and Worm Drive Clamp, Self-lubricating Lifetime Bearings. Blades are easily changed in seconds with ordinary screwdriver. Complete with Circle-Cutter & Rip Gage, Jig Saw Blade, instructions and 90-day Factory Guarantee. Shpg. wt., 4 lbs.

HD-196 Net 6.63

Jigsaw—Less Circle Cutter and Rip Gage. Shpg. wt., 3 lbs.

HD-56 Net 5.97

Replacement Blades—Package of 6 Ass'd.

HD-57 Net 1.30

(H) CARBIDE MASONRY DRILLS

Premier carbide tipped masonry drills, made in Holland. For use on concrete, brick, tile, plaster, etc. Packed in red plastic kit. Fits any electric drill.

Type	Size	L	Shank Dia.	Wt.	Net Ea.
HD-393	1/4"	4"	3/32"	2 oz.	.59
HD-394	3/8"	4"	3/32"	2 oz.	.69
HD-395	1/2"	4"	1/4"	2 oz.	.75
HD-396	5/8"	4"	1/4"	3 oz.	.89

4-Piece Set. Consists of sizes: 1/16", 1/8", 3/16", 1/4". In attractive red plastic kit. Fits any electric drill.

HD-397 Shpg. wt., 6 ozs. Net 2.56

(J) WOOD SCREW COUNTERSINK

- 24 COUNTERSINK COMBINATIONS
- FITS ALL DRILLS AND DRILL PRESSES
- AUTOMATIC STOP FOR 3 DEPTHS

Set contains 4 cold forged bits and "Depth-a-Dapter". Exactly profiled for 8 most popular screw sizes. Adjusts for flush, putty or dowel plug countersink. For wood screws #6 and 7 x 3/4", 8 and 9 x 1", 8 and 9 x 1 1/4", 10 and 12 x 1 1/2". Permits fast, multiple boring of duplicate holes exactly alike. Shpg. wt., 1/2 lb.

HD-337 List 1.70 Net 1.27

(K) FOAM DISC SANDING KIT

• RUBBER-FLEX SWIVEL DRIVE

NEW POWER SANDING DRILL ACCESSORY. Fits any 1/4", or larger electric drill. The sanding surface floats on a poly-foam pad. Sands flat or curved surfaces. Can't gauge-no swivel marks. Soft foam backer pad forms easily—even to compound curves. Changing angle of flexi-drive causes pad to "walk" automatically. Complete with pad, flexi-drive, 6 assorted sanding discs and instructions. Shpg. wt., 8 ozs.

HD-483 Net 1.67

(L) DRILL SAW BIT

Four jobs with one bit. Use with any electric drill or drill press. Cuts circles, ovals, squares, etc. Withstands severe continuous use. Cuts wood, plastic, bakelite, steel, brass, copper, etc. Shpg. wt., 4 oz.

HD-75 Wood Bit Net .59

HD-74 All Purpose Bit Net .69

(M) BABCO GRASS TRIMMER

- FAST SHEARING ACTIONS • SAFE OPERATION WITH BLADE GUARD • SMOOTH, CLEAN CUTTING

Now you can take advantage of that electric drill in your work shop to trim grass with this unit. Attaches to any 1/4" electric drill. Ideal for cutting grass grown over sidewalk, stepping stones or close to wall. Neat and fast cutting. Ten times faster than hand shears. The rotary blade is well guarded, top and sides, to insure safe operation. 5 1/2" blade can be easily re-sharpened with any kitchen knife sharpener. Shpg. wt., 1 lb.

HD-399 List 3.50 Net 2.62

(N) KNIFE SHARPENER DRILL ATTACHMENT

Practical-efficient-precision built knife sharpener. Attaches to any 1/4" or 3/8" drill. Puts a perfect edge on any knife. Sharpens both sides of blade at once. Uses top quality Norton Alundum abrasive wheels. Oilite brass bearings never require lubricating. Nickel plated steel shaft. High impact polystyrene casing. Shpg. wt., 1 lb.

HD-272 Net 2.69

(P) HIGH SPEED COUNTER SINK

Fast cutting—five flutes—82° angle. Made of fine grade hi-speed steel. For use in any machinable material such as metal, wood and plastic. Has five carefully ground flutes for cutting an 82° angle to receive wood and machine screw heads. Has 1/4" shank for use in any electric drill or drill press. Length overall, 2 1/2". Shpg. wt., 6 oz.

HD-76 Net 1.10

(Q) DRILL MATE SHARPENER

Handy low cost drill sharpener—sharpens drills from 1/16" to 1/4" size. Use it also to sharpen chisels, knives, plane bits, scissors, wood bits, carving tools, etc. 1/4" shaft fits any electric drill. Nylon bearing—permanently lubricated. Drill holder is factory preset—no angle adjustments to make. Adjustable tool rest tilts to any angle. Grinding wheel is high grade, fine grit, aluminous oxide stone. Shpg. wt., 3/4 lb.

HD-243 Net 2.21

(R) SCREW-MATIC

- SCREWDRIVER ATTACHMENT FOR ELECTRIC DRILLS

Can be fitted to any fixed or portable drill, to drive up to 1/4" diameter wood screws quickly and easily. Bit idles until pressure is applied, powerful "non-slip" industrial type clutch disengages itself when screw is driven home. Special bit holder prevents bit from slipping out of screw slot. Includes two hardened tool steel 1/4" hex bits for No. 2 Phillips head and for No. 6 to No. 14 slotted screws. Shpg. wt., 1 1/2 lbs.

HD-463 Net 3.96

(S) ROTARY RASP

For use with any 1/4" electric drill or drill press. Made of hardened steel. It is ideal for shaping of wood, plastic, fibre, etc.—planing of floors and boards—mixing of paints, oils and other heavy liquids. Extremely handy for the home craftsman, hobbyist, handyman, etc. 2 3/4" in diameter. 3/4" wide. Shpg. wt., 1/2 lb.

HD-458 Net 1.66

(T) CHUCK KEY HOLDER

Keeps your geared chuck key right with your drill. No more fumbling or lost keys. Key snaps freely in and out of holder. Always ready to use. Fits all drills and chuck keys. Quickly installed. Shpg. wt., 1/2 lb.

HD-271 Net .69 2 for 1.20

USE LAFAYETTE'S CONVENIENT EASY PAYMENT PLAN—SEE PAGE 318

Depend on *Lafayette* For Outstanding Values!

.69

6 PIECE MAGNETIC SCREW DRIVER SET



Five interchangeable — hardened and tempered — tool steel blades; unbreakable, shockproof, chuck-type amber handle. Consists of: 1—4 x 1/4" blade, 1—4 x 3/8" blade, 1—6 x 1/4" blade, 1—6" #1 Phillips head, 1—6" #2 Phillips head, 1—amber handle with chuck. Shpg. wt., 1 lb.

HD-10—Complete with plastic case **.69**

6 PIECE RATCHET SCREW DRIVER SET

Three-way ratchet with brass gear mechanism. Five interchangeable fully polished, hardened and tempered tool steel blades. Unbreakable, shockproof, non-inflammable amber handle. Consists of: 1—3 1/4 x 1/4 cabinet, 1—3 1/2 x 3/8 cabinet, 1—5 1/2 x 1/4 mechanic, 1—Phillips #1 4 1/4 x 3/8, 1—Phillips #2 1/2 x 1/4, 1—Amber ratchet handle with chuck. In plastic roll up kit. Shpg. wt., 1 lb.

HD-159 **Net .98**

1.59 10 PIECE NUT AND SCREW DRIVER SET

Fully polished, hardened tempered, tool steel blades and hex-drivers fine chromite plated for long life. Six nut driver—3/16", 1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 1". Three screw driver blades—6" x 1/4", 3 1/2" x 1/8", Phillips #2 5 1/2" x 1/4". Unbreakable, shockproof, non-inflammable amber handle with flanged chuck. Complete with heavy plastic roll up kit. Shpg. wt., 1 lb.

HD-160 **Net 1.59**

1.59 11 PIECE RATCHET SOCKET SET

Eight sockets 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 1", 1 1/4", 1 1/2", 1 3/4". Flexible shaft drive for those hard to reach spots. Flat, reversible ratchet drive. 3 1/2" extension bar. Unbreakable, amber plastic handle. Shpg. wt., 1 lb.

HD-119 **Net 1.59**

ADJUSTABLE END WRENCHES



Drop forged steel. Hardened jaws—Polished noses.

HD-43—4 1/2". Shpg. wt., 4 oz. **.49 ea.**
 HD-44—6 1/2". Shpg. wt., 6 oz. **.59 ea.**
 HD-45—8". Shpg. wt., 10 oz. **.69 ea.**
 HD-193—10". Shpg. wt., 1 lb. **.95 ea.**
 HD-46—Set of 4 above. Shpg. wt., 2 1/2 lbs. **2.49**

13 Pc. COMBO-KIT

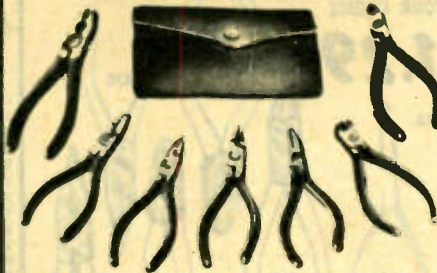


• DESIGNED FOR RADIO/T.V. SERVICE

All the most popular service tools in one handy, roll-up kit. Man sized 4 1/2", chuck type amberoid handle with built-in neon tester. Six hardened tempered nut drivers. 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4". Three screw driver blades—two standard and one Phillips type. 4 1/2" diagonals with insulated handles and stripper notch. 5 1/2" long nose pliers with insulated handles and stripper notch. Lightweight pencil-type 30 watt soldering iron. All in a tough, plastic, roll-up kit. Shpg. wt., 2 lbs.

HD-664 **Net 5.39**

PRECISION PLIER SET



- JEWELERS TYPES
- INSULATED HANDLES
- FULL POLISHED CHROME PLATED

3.89

Matched set of precision pliers for the technician-hobbyist-model maker-craftsman. Particularly suited to miniature electronic work. Size and handle shape matched for accurate exacting work. Overall length approximately 4 1/2". Set includes combination side cutters — flat nose — charn nose — round nose — round/flat nose — diagonal cutters — and cutting nippers. All have insulated, cushioned handles. Drop forged from tool steel. Pre-selected types for a diversity of use. Extra heavy, polyvinyl, roll up case. Clear view pockets. Can be rolled for easy carry—or hang above bench. Shpg. wt., 1 lb. 6 ozs.

HD-681 **Net 3.89**

5 PIECE OPEN END WRENCH SET .98



Streamlined panel bar wrench set. The best designed carbon steel wrench on the market. Ten different openings 3/8" to 3/4" embossed in wrench. Velco rust resistant finish. With hinged container. Shpg. wt., 1 lb.

HD-162 **Net .98**

NEW! FLASH-DRIVER KIT



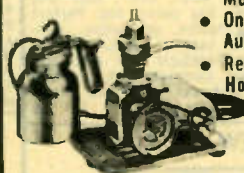
New design for greater turning power—shadow free operation. Just the thing for those dark corners—emergency work, home, shop, or automobile. Light and screw driver in one—like having a third hand. 2 standard screwdriver blades and 2 Phillips type blades. Positive action chuck takes all 4 blades. Flash-handle uses 2 1/2 cells. With plastic roll up pouch. Less batteries. Shpg. wt., 12 ozs.

HD-665 **Net 1.19**

Battery for Above 2 1/2 cell. Shpg. wt., 3 oz. **Net .13**

COMPLETE, ALL PURPOSE SPRAY UNIT

- Apply Paint, Enamel, Lacquer, Varnish and Multicolor Materials
- On Basements, Furniture, Autos, Boats, etc.
- Refinish Refrigerators and Home Appliances



29.95

Complete, compact and efficient spray unit for all around painting and spraying purposes—saves you time and labor and gives you professional results at all times. The spray gun is internal mix, pressure type and gives a wide, even fan spray. A special fan spray nozzle is included for multi-color paints; a round spray nozzle for small surfaces. Mined, cast-iron cylinder; bronze bearings throughout; rubber-cushioned, sturdy steel base. Operates on 15-ft. air hose; fan cooled AC-DC universal motor. Shpg. wt., 10 lbs.

HD-717 **2.00 down Net 29.95**

ELECTRA-SPRAY

- FOOLPROOF SPRAY PAINTING
- INCLUDES NEW VISCOMETER



7.46

Sprays every kind of sprayable paint or liquid—adjustable, jeweled nozzle provides fine, medium or coarse spray. Completely rustproof construction. Brass and stainless steel parts. High impact plastic housing. 22 ounce interchangeable mason-type jar. Electro-magnetic motor never needs oiling or adjustment. Comfortable pistol grip handle with self-releasing trigger switch. The new VISCOMETER insures perfect paint consistency—regardless of brand—every time. Complete with 8 ft. heavy duty cord, 22 ounce jar, viscometer, wrench and instructions. For 115 V. A.C. only. Shpg. wt., 5 lbs.

HD-691 **Net 7.46**

SPRAYIT 400



- COMPLETELY PORTABLE
- NOT A FLIMS "VIBRATOR"
- FOR ALL PAINT-SPRAYING DUTIES

Here is a precision-built complete paint-spraying outfit manufactured to the highest professional standards and yet priced for the homeowners. With integral 1/4 H.P. motor compressor unit, not a vibrator. Now it's easy to do a professional-looking paint job, 4 times faster than with a brush. Use it for other spraying or blowing duties too. Spray adjustable from a dime size to 10" wide. Features an easy-to-use two-finger trigger gun; the body is guaranteed to be unbreakable. With 6 ft. cord, plug and 8 ft. of hose. Shpg. wt., 15 lbs.

HD-415—List 39.95 **2.00 Down Net 29.95**

MULTI-COLOR KITS: For best results in spraying multi-color paints, lacquers, enamels. Simple, quick-change, nozzle. Designed specifically for modern multi-color paints. Shpg. wt., 4 oz.

HD-675 **Net 2.10**

AIR TOOLS KIT: For inflation and dusting. Includes chuck for all tires—attachment for footballs, volleyballs, basketballs, etc. Rubber toys, pools, air mattresses. Plus "dusting" attachment. Shpg. wt., 4 oz.

HD-676 **Net 1.70**

BVI DE LUXE SPRAYER KIT



- SPRAYS PAINTS, INSECTICIDES, VARNISH
- EASY TO CLEAN
- UNIFORM SPRAY; CLOGPROOF

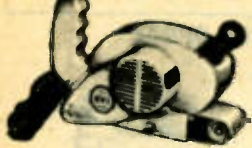
19.97

This kit prepares you for any and every kind of spraying job indoors or out. Enables you to cover large areas fast—fences, outdoor furniture, sidings, floors. Can be used as mothroofer, or garden sprayer. The famous de luxe version of the Burgess Electric Sprayer with genuine saaphire nozzle is the heart of this kit. Sprayer comes with 24 oz. container, 4 oz. auxiliary container, angle nozzle adapter, paint strainer, 15 ft. cord, "How to Paint" booklet, spare parts kit, hand sander. Complete kit in smartly designed steel carrying case. Shpg. wt., 8 1/2 lbs.

HD-366—List 29.95 **Net 19.97**

TOOLS FOR LAB-INDUSTRY-WORKSHOP

BVI BELT SANDER



- Large Sanding Area—34 sq. in.
- Powerful Blower and Motor Cooler
- Sure Grip Handles

For the meticulous craftsman, carpenter or cabinet maker, this sturdily built cast aluminum sander is an excellent buy at this low cost. Sands right into corners. Has a 2-way switch—for constant or momentary operation. Operates a 115V, 60 cycle rotary motor that gives automatic belt tension. Its easy-to-grip handles make it a pleasure to operate. Comes complete with 2—2x17 $\frac{1}{2}$ " belts—1 coarse, 1 medium—easy to slip on. Shpg. wt., 8 lbs.

HD-368—List 24.95 Net 17.46

SANDING BELTS

HD-692 Very coarse, pkg. of 10, wt. 12 ozs. Net 2.30
 HD-693 Coarse, pkg. of 10, wt. 12 ozs. Net 2.30
 HD-694 Medium, pkg. of 10, wt. 12 ozs. Net 2.30
 HD-695 Fine, pkg. of 10, wt. 12 ozs. Net 2.30

"RUBBERGRIP"

1.65 SCREWDRIVER SET

- 4 Most Needed Screwdrivers
- Rubbergrip for Comfort and Torque

Rubber inlaid handles grant maximum comfort and maximum torque. Can't bite into your hands no matter how hard you grip and turn. Extra "Lift" improves balance. Blades are hardened and tempered. Plated to resist corrosion. Set contains 5"x $\frac{3}{8}$ " and 5"x $\frac{1}{4}$ " standard drivers plus 3"x $\frac{3}{8}$ " #1 and 4"x $\frac{1}{4}$ " #2 recessed drivers. Shpg. wt., 1 lb.

HD-455 Net 1.65

"TRI-Y" SCREWDRIVER SET



Two screwdrivers of unique design. Convenient—5 points or 2 tools. Utilitarian—the most often needed standard and recessed blades. "Tri-Y" grip provides extra leverage you can't get from ordinary screwdrivers. Hardened and tempered blades set in rugged, amberoid plastic. Shpg. wt., 2 lbs.

HD-457 Set of 2 Net .98

18 PC. HEX KEY WRENCH SET

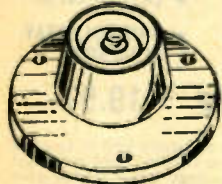
- Handles 99% of Hex Key Needs!



Set consists of 9 short arm wrenches from .050" through $\frac{1}{4}$ ", and 9 long arm wrenches $\frac{3}{8}$ " through $\frac{3}{4}$ ". Wrenches are made of fine quality tool steel. Bright plated—quality controlled. Packed in 18-pocket plastic roll up kit. Handy kit for shop, garage, home workshop. Shpg. wt., 1 $\frac{1}{2}$ lbs.

HD-242 Net .99

"LEVEL-UP" UNIVERSAL SURFACE LEVELER



- Keep your Equipment on the level.

3 for 1.20
.49

Level anything — anywhere — anytime! Shelves — record changers — shop tools — cameras — stoves — refrigerators — building projects — cabinets — trailers — and many more items. Simply center the bubble in the ring. The "Level-Up" may be mounted on a larger base, or trued up board, for spanning large areas. A professional tool — a home craftsmen necessity. Shpg. wt., 4 ozs.

HD-680 Net ea., .49 3 for 1.20

VINYL INSULATED "PROFESSIONAL" PLIERS

YOUR CHOICE

1.29



- 10 Kilovolt Insulation
- Chrome Plated
- Tested Beyond Professional Specifications

Professional quality—heavy duty—forged from special heat treated, alloy steel. Chrome plated to resist rust. Insulated with fitted, vinyl, non-silt handle grips—protects up to 10,000 volts. Hand honed cutting edges. Machine milled teeth. Handles shaped for easy grip and maximum leverage. Short fulcrum distance for greater gripping power. Unconditionally guaranteed by Lafayette. Average Shpg. wt., 10 oz.

HD-350 6" Diagonal cutter-wire stripper Net 1.29
 HD-351 6" Long nose-side cutter-wire stripper Net 1.29
 HD-352 6" Electronic oblique cutter-wire stripper Net 1.29
 HD-353 6" Long chain nose-side cutter-gripper Net 1.29
 HD-354 7" Linesman's side cutters-beveled nose Net 1.29
 HD-836 5 $\frac{1}{2}$ " Transverse end nippers Net 1.29

MINIATURE WRENCH SETS



Five, tiny, offset open end wrenches. All interchangeable use one handle. Tough, heat treated steel. Easily remove or attach the tiny nuts used in sub-miniature electronic work, hobby, aeronautical, automotive, etc. Sizes are: $\frac{3}{64}$ ", $\frac{1}{32}$ ", $\frac{3}{64}$ ", $\frac{1}{16}$ " and $\frac{1}{8}$ ". Shpg. wt., 8 ozs.

HD-645 Net 1.64

HEX SOCKET WRENCHES

Five interchangeable, tiny hex socket wrenches. All fit the same handle. Hold tiny nuts for #00, #0 and #1 thread. Easily gets into recessed holes. Fits hex nuts $\frac{3}{64}$ ", $\frac{1}{32}$ ", $\frac{3}{64}$ ", $\frac{1}{16}$ " and $\frac{1}{8}$ ". Magnetized to hold those tiny ones firmly. Complete with dust proof, stand up case. Shpg. wt., 6 ozs.

HD-644 Net 2.61

PRECISION SCREWDRIVER SET

Five interchangeable blades insert quickly and firmly into chuck. Blades are precision machined, hardened steel in sizes .100", .080", .070", .055" and 1 awl. Handle has swivel top. Perfect for repairing radios, appliances, cameras, electric razors, musical instruments, etc. Excellent for kite and model builders. Complete with base and transparent dust cover. Shpg. wt., 8 ozs.

HD-42 Net .99

MINIATURE SCREW HOLDING SCREW-DRIVER SET

A tiny SCREW HOLDING Screw Driver Set that contains a swiveltop driver handle whose solid locking chuck takes either the 2 $\frac{1}{2}$ " or the 1 $\frac{3}{4}$ " length blades. Each blade can interchangeably take the spring steel clip that holds all tiny screws better than fingers. All four parts are cleverly contained in a plastic case. Shpg. wt., 4 ozs.

HD-646 Net .89

MAGNETIC TOOL RACKS

- Powerful Tool Holders
- Three Sizes



AS LOW AS 2.35

Use as "parking place" for all kinds of tools. Large powerful holding area. No hooks or springs to bend or tangle. Mount anywhere—workshop—garage—garden shed—kitchen—playroom. Solve many lifting and holding problems. Use in conveyor assemblies—paint dipping—degreasing—plating—drying. Make up your own magnetic jigs. Powerful Alcomox magnets between mild steel pole pieces. May be used end to end as multiple units. Shpg. wts., 6" unit 1 lb., 9" unit 1 $\frac{1}{2}$ lbs., 12" unit 2 lbs.

HD-711 6" x 1" Net 2.35
 HD-712 9" x 1" Net 3.20
 HD-713 12" x 1" Net 4.15

NEW! TUNGSTEN-CARBIDE



- Sanding and Cutting Tools
- Miracle Abrasive—harder than steel
- Makes sandpaper obsolete

The amazing discovery of brazing tungsten carbide grits to steel makes possible the finest sanding equipment ever known. Each grit becomes a sanding edge that performs perfectly and stays keen and sharp indefinitely—and makes sandpaper obsolete. For use on wood, plastic, plaster, wallboard. All composition materials. Eliminates forever the nuisance of stopping to change torn or wornout sandpaper. Faster—easier—saves time, effort, and money. Discs for use with all standard power drills, sheets for use with all standard oscillating and orbital sanders. Avg. Shpg. wt. for discs and sheet — 6 ozs.

(A) Handy-Sander: Hand-sanding block kit. Contains sanding block, one fine grit sheet, one coarse grit sheet and felt pad. Cleans easily with solvent or wire brush. Shpg. wt., 1 lb.

HD-319 Net 1.69
 Extra sheets for Handy-Sander. Pkg. of 2—1 coarse, 1 fine. Shpg. wt., 4 ozs.

HD-445 Net 1.12
 (B) 5-in-1 Wheel: For use with power saws. Shapes—saws—ploughs—routes—dadoes. Cuts and sands in one operation. No bind, drag or kick back. 80 grit on one side, 36 grit on edge and other side. Never needs sharpening. Shpg. wt., 1 lb.

HD-435 6 $\frac{1}{2}$ " Wheel, $\frac{1}{2}$ " Arbor with reducer to $\frac{3}{4}$ " Net 5.21

SANDING DISCS AND SHEETS

Type	Fine Grit (150)	Med Grit (80)	Coarse Grit (60)	Net ea.
(C) $\frac{3}{4}$ " x 9" Sheet	HD-432	HD-433	HD-434	1.12
(D) 5" Sanding Disc	HD-429	HD-430	HD-431	.87

FILE RASP

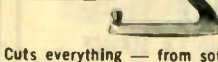


- Files Twice as Fast!

Works twice as fast as old fashioned files. Cuts on forward and back strokes. Even sideways or circular motions. Excellent for shaping—notching—finishing—and fast stock removal. For use on wood, plastic, composition, glass, plaster, porcelain, etc. Two abrasive surfaces—one side coarse (46) grit—other side medium (80) grit. Resists loading—cleans easily with solvent, hot water or wire brush. 14 inches long—flat face. Shpg. wt., $\frac{1}{2}$ lb.

HD-673 Net 1.10

PLANE-R-FILE



2.59

Cuts everything — from soft wood to tough steel! It's a plane! It's a file! Here in a single tool is a great new way to do all sorts of planing, filing, smoothing. Replaceable blade, double sided for double-life, shapes quickly, easily, gives smoother finish on wood and metal, even cuts steel. Die cast aluminum body — reversible handle. Complete with non-clogging, reversible, coarse blade. Shpg. Wt., 12 ozs.

HD-637 Net 2.59
 HD-638 Medium blade, 2 oz. Net .73
 HD-639 Coarse blade, 2 oz. Net .73

LAFAYETTE TEKNI-TOOLS® QUALITY-PRICED

KRAEUTER "INDUSTRIAL" PLIERS

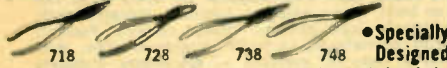


• All With Heavily Insulated Handles

Fine quality—hammer-forged from high grade tool steel. Individually fitted, tempered and adjusted. Fully polished heads. Rust-resistant cushion grip handles.

No.	Type	Fig.	Description	Net
HD-850	4501-5CG	A	5" Diagonal Cutters	2.35
HD-851	4501-6CG	A	6" Diagonal Cutters	2.72
HD-852	5601CG	B	5" Needle Point Diagonals	3.13
HD-853	1661CG	C	6" Long Nose Side Cutter	2.68
HD-854	1631CG	D	5½" Curved Long Nose	2.86
HD-855	1830CG	E	6½" Side Cutters	2.42
HD-856	710 CG	F	10" Joint Pliers	2.57
HD-857	1663CG	G	6" End Cutters	3.56
HD-858	2612CG	H	6½" Wire Stripper Diag.	3.39
HD-859	4610CG	I	7" Heavy Duty Diag.	2.82

CHANNELLOCK ELECTRONIC PLIERS



• Specially Designed

Forged from high grade steel, properly heat treated, precision machined for precision work. Specially designed for fine electronics work, these four pliers will satisfy more than 90% of service, repair and construction needs. Do hundreds of jobs easier, faster. Long, slender reach... precision-matched jaws... hand-honed, specially hardened cutting edges. Blue plastic grips. The 748-long reach, end cutters are fine enough to cut a human hair—rugged enough to cut 12 gauge copper wire. The 738-long reach, round nose will pick up a human hair with its precision machined parts. The 728-long reach diagonal cutters have a patented wire stripper that really works. The 718—long reach, flat nose has a bulldog grip with watchmakers precision. Length 8". Avg. Shpg. wt., 8 ozs.

HD-640	748 Long reach—end cutter	Net 2.55
HD-641	738 Long reach—round nose	Net 2.33
HD-642	728 Long reach—diagonals	Net 2.55
HD-643	718 Long reach—Flat nose	Net 2.33



SWISH! ENGINE CLEANER & DEGREASER

- 16.2 oz. can—35% More
- Cleans Lawnmowers—Outboards—Motorcycles—Generators

Just spray SWISH on—hose off with water. Will not harm paint or stain metals. Safe on aluminum. Cleans off oil—grease—grass clippings—mud—road tars—dried salt spray. Contains no acids or alkali. Can be used on painted surfaces—clothing upholstery. Aerosol can delivers wet spray—not a mist—at 40 lbs. pressure. Particularly adaptable to marine equipment. Works as well with salt water as with fresh. Shpg. wt., 1½ lbs. HD-721

SWISH! ELEKTROKLEEN

Powerful solvent especially designed for cleaning electronic and electrical equipment and parts. 16 oz.—½ more than 12 oz. can! Non-combustible, non-toxic, non-corrosive, leaves no residue. Shpg. wt., 1½ lbs. HD-720

NEW—CRIMPING TOOL

- Crimps insulated and non-insulated terminals
- Cuts Bolts - Strips Wire

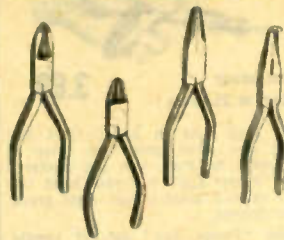
New model also crimps solderless terminals and connectors. Three tools in one! Cuts and strips wire from sizes 22 to 10. Cuts brass or steel machine screws without damaging the threads; size 10-24, 10-32, 6-32 and 4-40. Has accurately sized stripping notches and precision threaded cutter holes plus stud size gauge stamped on tool. Hardened steel, shock-proof plastic handle. HD-86 Shpg. wt., 1 lb. Net 3.83

DRAKE SPECIAL IRON



60 WATT

An excellent iron for light work. Element wound on porcelain tube. Complete with 6 ft. cord, ¾" tip and small stand. Shpg. wt., 2 lbs. HD-790 DRAKE NO. 315 Each 1.65 HD-791 TIP FOR ABOVE Each .35



1.29

ea.

VINYL INSULATED "TEKNIKIT"® PLIERS

• Designed for the Technician and Hobbyist

Heavy duty chrome plated pliers. Tough, fitted vinyl handle grips will insulate up to 10,000 volts. High leverage with easy-grip handles. Hand honed cutting edges and machine milled teeth. Guaranteed. Average shipping weight, 10 oz.

HD-837	6" Long curved nose-cutter-stripper	Net 1.29
HD-838	5½" diag. cutter with stripping notch	Net 1.29
HD-839	5½" "Ground down" diag. cutter	Net 1.29
HD-840	6" Long reach-beveled nippers	Net 1.29
HD-873	Complete Kit of above pliers	Net 4.59

TORPEDO AND LINE LEVEL SET



.99

Nine way aluminum torpedo level with chrome plated top. Has three level vials: horizontal, vertical plumb, and 45°. Precisely machined base. Rust proof—can't warp. Line level is hex shaped for use as surface level; aluminum for light weight—less than ½ oz. 2 hooks hold level securely on line. Shpg. wt., 1 lb. HD-241—Set of 2 levels Net .99

SPECIAL SOLDERING KIT



The "Mighty Mite" soldering kit—does the work of many larger irons. Includes 35 watt iron—steel scraper—spool of solder—iron stand—sandpaper—soldering instructions and data. Shpg. wt., 1 lb. Net 1.10

UNGAR ELECTRIC PENCIL SET



MODEL 217

One complete set for home craftsmen and hobbyists. Set contains six interchangeable tips; four for burning and embossing of wood, plastic, leather, cork, etc., and two for soldering. Five sheets of embossing foil, abrasive cloth, complete set of instructions for working wood, plastic, leather and cork. Illustrated catalog of plaques and projects. Heating unit is UL approved and guaranteed for 10,000 hours. Shpg. wt., 1 lb. HD-448 Net 2.31

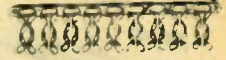


UNGAR SOLDERING SET MODEL 507

Kit contains an extra heavy duty soldering unit for radio, TV or electrical appliance work. A precision unit for printed circuits, instruments and miniature parts. A circuit tester for electrical trouble shooting, trouble and test light, heavy duty handle for soldering units and test light, roll or solder, terminal connectors, emery paper and insulating tape. Soldering units are UL approved. Shpg. wt., 2 lbs. HD-449 List 5.00 Net 3.91

TOOL RACK

- 9 Spring Clip Holders
- Hooks on ply board—bolts to wall .59



12" long, chrome plated tool rack. Sturdy spring action clamps will hold almost any hand tool—brooms and mops too. Drilled for bolting direct to wall—hook for hanging on peg board. Holds a minimum of nine tools. Shpg. wt., 1 lb. HD-874 Net .59

TRI AND MITER SQUARE WITH LEVEL

This handy item is actually four tools in one: a miter tri square, tri square, level, and ruler & level. Made of hardened special tool steel with easy to read white numbers on black finish. Designed with both professional and hobbyist in mind. 7" scale with ¼" divisions; 45° miter. Shpg. wt., 1 lb.

HD-878 Net .69

HIGH QUALITY CLAMP SETS



.69

Indispensable to the do-it-yourselfer, hobbyist or professional repairman. These screw-type clamps are made of malleable tool steel, and are available in 1", 2½", and 3" jaw sizes, in sets as follows: 1-3" and 1-1" clamp or 1-2½" and 2-1" clamps.

HD-870 1-3" and 1-1" clamp. Shpg. wt., 20 oz. Net .69 HD-871 1-2½" and 2-1" clamps. Shpg. wt., 18 oz. Net .69

TURNER PROPANE MULTITORCH KIT

- Fast Flame Torches
- List 9.95



6.95

The popular multipurpose Turner Torch includes everything needed for a wide variety of jobs. Propane fast-flame fuel tank, plus burner assembly with pencil-point soldering tip, flame spreader, spark lighter. All conveniently packaged in an attractive metal chest. Shpg. wt., 6½ lbs. HD-876 List 9.95 Net 6.95

HOT BLAST PAINT SCRAPER

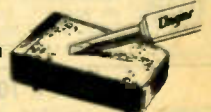
Designed for one-hand operation. A single inexpensive tool that blisters and scrapes several layers of old paint. Stainless steel head. Shpg. wt., 4 lbs. HD-875 List 9.95 Net 6.95

TURNER FAST FLAME FUEL

Fits all makes of propane torches, heating appliances and lighting equipment. I.C.C. Approved, with 1" threaded top and safety valve. HD-877 List 1.94 Net 1.55

UNGAR KLEEN TIP

- Reduces Oxidation
- Prevents Contamination
- Insures Reliability of Soldered Connections



The most effective method for removing oxidation and cleaning soldering tips. Clean tips last twice as long! KLEEN-TIP eliminates burning rags, flying solder. Complete with phenolic tray, 2 specially processed sponges and bracket for attaching to work bench. Shpg. wt., 6 oz. HD-872 Net .98

SEE OTHER PAGES IN THIS SECTION FOR OTHER TOOLS AND ACCESSORIES

Page 285

SPECIAL WORKSHOP VALUES

25-PC. DELUXE TOOL KIT



2.79

Hardened, tempered alloy steel tools for handy use in the house or workshop. Kit consists of 1 plastic screwdriver handle with aluminum chuck; 4 screwdriver blades (1/4x4 1/4", 3/8x4 3/8", 1/2x5", 3/4x5") flat drivers and one No. 1 Phillips blade; 8 open and box end wrenches (1/2", 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 1/2", 1 3/4", 2", 2 1/4", 2 1/2", 3", 3 1/2", 4", 4 1/2", 5", 5 1/2", 6", 6 1/2", 7", 7 1/2", 8", 9", 10", 11", 12", 14", 16", 18", 20", 22", 24", 26", 28", 30", 32", 34", 36", 38", 40", 42", 44", 46", 48", 50", 52", 54", 56", 58", 60", 62", 64", 66", 68", 70", 72", 74", 76", 78", 80", 82", 84", 86", 88", 90", 92", 94", 96", 98", 100") 2-way flat ratchet handle; 2-way flexible shaft extension; 2-way 1/4" extension bar; 8 steel sockets (3/16", 1/8", 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 1/2", 1 3/4", 1 1/2", 1 3/4", 1 7/8", 2", 2 1/8", 2 1/4", 2 1/2", 2 3/4", 3", 3 1/8", 3 1/4", 3 1/2", 3 3/4", 4", 4 1/8", 4 1/4", 4 1/2", 4 3/4", 5", 5 1/8", 5 1/4", 5 1/2", 5 3/4", 6", 6 1/8", 6 1/4", 6 1/2", 6 3/4", 7", 7 1/8", 7 1/4", 7 1/2", 7 3/4", 8", 8 1/8", 8 1/4", 8 1/2", 8 3/4", 9", 9 1/8", 9 1/4", 9 1/2", 9 3/4", 10", 10 1/8", 10 1/4", 10 1/2", 10 3/4", 11", 11 1/8", 11 1/4", 11 1/2", 11 3/4", 12", 12 1/8", 12 1/4", 12 1/2", 12 3/4", 14", 14 1/8", 14 1/4", 14 1/2", 14 3/4", 16", 16 1/8", 16 1/4", 16 1/2", 16 3/4", 18", 18 1/8", 18 1/4", 18 1/2", 18 3/4", 20", 20 1/8", 20 1/4", 20 1/2", 20 3/4", 22", 22 1/8", 22 1/4", 22 1/2", 22 3/4", 24", 24 1/8", 24 1/4", 24 1/2", 24 3/4", 26", 26 1/8", 26 1/4", 26 1/2", 26 3/4", 28", 28 1/8", 28 1/4", 28 1/2", 28 3/4", 30", 30 1/8", 30 1/4", 30 1/2", 30 3/4", 32", 32 1/8", 32 1/4", 32 1/2", 32 3/4", 34", 34 1/8", 34 1/4", 34 1/2", 34 3/4", 36", 36 1/8", 36 1/4", 36 1/2", 36 3/4", 38", 38 1/8", 38 1/4", 38 1/2", 38 3/4", 40", 40 1/8", 40 1/4", 40 1/2", 40 3/4", 42", 42 1/8", 42 1/4", 42 1/2", 42 3/4", 44", 44 1/8", 44 1/4", 44 1/2", 44 3/4", 46", 46 1/8", 46 1/4", 46 1/2", 46 3/4", 48", 48 1/8", 48 1/4", 48 1/2", 48 3/4", 50", 50 1/8", 50 1/4", 50 1/2", 50 3/4", 52", 52 1/8", 52 1/4", 52 1/2", 52 3/4", 54", 54 1/8", 54 1/4", 54 1/2", 54 3/4", 56", 56 1/8", 56 1/4", 56 1/2", 56 3/4", 58", 58 1/8", 58 1/4", 58 1/2", 58 3/4", 60", 60 1/8", 60 1/4", 60 1/2", 60 3/4, 62", 62 1/8", 62 1/4", 62 1/2", 62 3/4, 64", 64 1/8", 64 1/4", 64 1/2", 64 3/4, 66", 66 1/8", 66 1/4", 66 1/2", 66 3/4, 68", 68 1/8", 68 1/4", 68 1/2", 68 3/4, 70", 70 1/8", 70 1/4", 70 1/2", 70 3/4, 72", 72 1/8", 72 1/4", 72 1/2", 72 3/4, 74", 74 1/8", 74 1/4", 74 1/2", 74 3/4, 76", 76 1/8", 76 1/4", 76 1/2", 76 3/4, 78", 78 1/8", 78 1/4", 78 1/2", 78 3/4, 80", 80 1/8", 80 1/4", 80 1/2", 80 3/4, 82", 82 1/8", 82 1/4", 82 1/2", 82 3/4, 84", 84 1/8", 84 1/4", 84 1/2", 84 3/4, 86", 86 1/8", 86 1/4", 86 1/2", 86 3/4, 88", 88 1/8", 88 1/4", 88 1/2", 88 3/4, 90", 90 1/8", 90 1/4", 90 1/2", 90 3/4, 92", 92 1/8", 92 1/4", 92 1/2", 92 3/4, 94", 94 1/8", 94 1/4", 94 1/2", 94 3/4, 96", 96 1/8", 96 1/4", 96 1/2", 96 3/4, 98", 98 1/8", 98 1/4", 98 1/2", 98 3/4, 100") All in a convenient roll pouch with handy pocket for each tool. Shpg. wt., 1 1/2 lbs.

HD-688 Tool Kit

Net 2.79



1.36

FIBERGLASS REPAIR KIT

- Plastic Fiberglass Stronger Than Steel
- Self Bashing in Minutes
- Sculpts like Modeling Clay
- Fixes Fast to Last

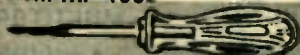
For quick, easy, low cost permanent repairs to wood, metal, plastic, concrete, fiberglass, ceramic, almost any material... whether cracked, dented, holed or rusted. Features a newly perfected, easily-worked material which hardens quickly to a tough, durable, waterproof plastic that is stronger than steel. Also included glass cloth, hardening agent and fast cure agent. Easy to use. Shpg. wt., 1 1/2 lbs.

HD-418—List 1.98

Net 1.36

1.95

TRI-TAP TOOL



- SERVICEMEN—CRAFTSMEN—MECHANICS
- ONE TOOL TAPS THREE SIZE THREADS
- 6/32 — 8/32 — 10/32

Cleans—cuts—taps any of the three most common thread sizes used in electronic and electrical work. Three sizes on one tool — saves time — eliminates searching. Hardness is 59 to 60 Rockwell on scale C material. Shpg. wt., 1 lb.

HD-219

Net 1.95

HEAVY DUTY HACKSAW

1.35



Tubular frame. Adjusts for 8"-10"-12" blade. Contoured handle and thumb rest for firm grip and comfort. Chrome plated tubular steel frame.

HD-211—Shpg. wt., 2 lbs.

Net 1.35

HD-212—10" Blade 24 teeth per in. 6 oz. Doz. .59

HD-213—12" Blade 24 teeth per in. 6 oz. Doz. .69

LENK INSTANT FIRE EXTINGUISHER



- YOU CAN'T AFFORD TO BE WITHOUT ONE!

Extinguishes all types of fires safely and quickly. Electrical—oil—grease—etc. A must in the shop—home—auto—boat—camp—office. Full control valve—turns on and off. Includes mounting bracket. Shpg. wt., 2 lbs.

HD-729 Lenk 72

Net 1.47

INSL-X TOOL DIP

Extremely high dielectric strength for maximum protection. No more tedious taping of tool handles. No more tedious dry resists—acid, alkali, water and oil. Bright red color locates your insulated tool at a glance. Also recommended for use on Radio & TV parts. 6 oz. can.

MS-50

Net .79



NEW! "Power Egg"

Ratchet Driver Set



- 5 Times more hand power
- First new basic tool in 25 years

3.69

Handiest home and shop tool in years. Uses full shoulder power—not just wrist power—to drive or extract screws and bolts. No more torn and blistered hands—smooth grip "Power Egg" fits your hand like a glove. Top quality ratchet construction—best grade, hardened steel screw drivers.

Set consists of one "Power Egg" ratchet handle, one 9x3/4" heavy duty screw driver, one 8x1/4" screw driver, one 7/4"x#1 pt. Phillips head screw driver. Shpg. wt., 1 1/2 lbs.

HD-728

Net 3.69

NEW! DELUXE HOPPY-SPLIT IMAGE TRANSIT



Low Cost, Precision Level and Incline Measure

- Prism-Like Optical System
- Plate Glass Mirrors
- External Sights

Amazingly accurate new Hoppy Transit is not a gadget, not merely a leveling device. It is a precision instrument that will indicate level and measure a minimum of 1/2" rise or fall at 25'. The Hoppy Split Image Transit makes present day bubble and string type levels obsolete. It not only indicates level but shows exactly how much correction is needed. One man alone, using the Split Image Transit and Target can perform any leveling or incline measuring job quickly, easily, and accurately in just 3 easy steps. Makes any complicated measuring/leveling job simple. Use it for patio layout, bricklaying, flooring, surveying, terracing, fencing, plumbing, shelving, gutting, drainage, irrigation. Indispensable as a leveling and grading tool for model railway pike.

HD-69D Shpg. wt., 6 lbs.

Net 6.72

HD-441 case—Shpg. wt., 1 1/2 lbs.

Net 3.20

HD-417 Standard Hoppy

Net 5.37

MAGNICATOR

- WALL STUD LOCATOR



Hang shelves, cabinets, baffles, pictures, mirrors, etc. to wall area backed by stud. Magnicator locates nails or other metal within 3/4" of indicator. Points out nails in studs to pin point best hanging area. Shpg. wt., 4 ozs.

HD-285

Net ea., .69

Net ea., in lots of 3 .59

THE GIZMO

- 10 way Combination tool!

A tool box in your pocket!

3 for 1.50



The perfect "traveling companion" for the serviceman-mechanic-electrician-handyman or gadgeteer. As useful as a fish hook in the tackle box—more necessary than bullets in the hunters kit. Keep one in the glove compartment—one in the "rattle" box in your car. Another in the kitchen—workshop—tool room. 8 handy tools packed into a single 4x1" package. It's a plier—cutter—wrench—small screw driver—large screwdriver—awl—scraper—tack hammer—tack lifter. Screwdrivers can be used offset for leverage—or on end of handle for additional length. Complete with vinyl case and instructions. Shpg. wt., 1 1/2 lbs.

HD-666

Net, ea. 59c

3 for 1.50

STANLEY Swirl-a-Way KIT

- Ball Joint Action
- Hi-Speed Sanding & Polishing

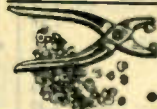
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Newest principle in disc sanding. Ball Joint action keeps disc always flat. Any 1/4" or larger drill can be used to deliver gauge free, clean, smooth sanding. Includes flexible, ball joint disc sander, 3 aluminum oxide abrasive discs and lambs wool polishing bonnet. wt., 1 lb.

HD-704 List 3.69 Net 2.46

2 in 1 EYELET TOOL



PUNCHES HDLE—SETS EYELET AT SAME TIME

- COMPLETE WITH 300 EYELETS

Neatly — easily — punches holes and sets eyelets in fabric — canvas — plastic — leather — paper — card board. Does a professional job every time. Use it on belts, shoes, sneakers, tarpaulin, luggage, sports equipment, flags, banners, shower curtains. Prevents tearing of materials—actually strengthens them. Hundreds of uses for everyone — everywhere. Complete with 300 assorted eyelets and instructions. wt., 1 lb.

HD-668—EYELET TOOL

Net .79

HD-669 EXTRA EYELETS—Pkg. of 300

Net .29



SNAP FASTENER PLIER

A professional Snap Fastener Plier designed to save you time and money. Eliminates tiresome button sewing—No more need to search for matching buttons. Simple to operate—Works every time. Comes complete with 8 sets of brass and 8 sets of nickel positive grip fasteners. These quality fasteners are guaranteed to be RUST-PROOF. Will not fall off, even under the roughest handling and laundering. Many uses—Perfect for shirts, dresses, playthings—Ideal for gloves, shoes, belts and many more. Shpg. wt., 1 lb.

HD-829

Net .79

Additional set of 10 nickel and brass snap fasteners.

HD-830

Net .29

Deluxe Automatic Wire Stripper

- "Delayed Action Return"

- Strips solid or stranded
- 4 hole precision ground blades
- Strips sizes 12 to 20



Automatic — efficient — easy to use. Delayed insulation from all wires, 12 to 20, neatly and quickly. Delayed return action prevents crushing fine wires. A real time saver for servicemen—electrical workers—production lines—etc. Narrow spaced handles for easy grip. Lightweight and easy action for less fatigue. No bother of changing blades or adjusting cutter for varying wire sizes. Extremely well built for years of service and uniform performance. Shpg. wt., 1 1/4 lbs.

HD-349—List 8.25

Net 3.45

HD-348—Replacement Blades for Above. Shpg. wt., 6 oz. per pr. Net .97

.74

UTILITY KNIFE SET

- Includes Keyhole Saw Blades

Five piece set includes 1-handle, 2-saw blades, and 2-knife blades. Ideal for cutting wood, metal, linoleum, opening cartons. All metal construction. Knife blades store in handle. Shpg. wt., 10 oz.

HD-835

Net .74

LEATHER TOOL HOLSTER



1.59

Heavy, pliable, top grain leather. Stitched and riveted. 5 pockets and tape sling. Practical, rugged tool carrier. Overall size 8 1/2"x10". Shpg. wt., 1 lb.

HD-860

Net 1.59

TOOLS for the TECHNICIAN and HOBBYIST

NEW CHASSIS PUNCH SET

- EASY-SMOOTH-HOLES IN SHEET METAL
- 5 SIZES: 1/2", 3/8", 5/16", 3/16", 1", 1 1/8"

5.49



Five most often needed round hole punches. Do the job in minutes—save hours of tedious hand labor. Cuts smooth accurate holes for sockets — plugs — controls — panel lights — switches — terminals — most radio parts. Works equally well with sheet metal — sheet plastics — composition board, etc. Drive with any wrench — or with T handle included. Punch sizes included are 1/2", 3/8", 3/16", 1" and 1 1/8". Supplied complete with punches, dies, T drive handle, tapered reamer, fitted wooden case and instructions. Shpg. wt., 2 1/2 lbs. HD-471 Net ea., 5.49, Net ea., in lots of 3, 4.94

NEW! SQUARE PUNCH SET

- 3 NEEDED SIZES — 1/2" — 3/8" — 1"
- SMOOTH, ACCURATE, EASY TO USE

COMPARABLE VALUE \$14.00!
6.95

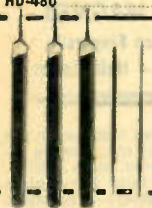


Save time — save effort — cutting square holes in chassis — panels — sheet metal up to 1/8". Most often needed sizes for square chassis components. Multiple cuts allow any size square hole. Drive punches with any wrench or with T drive handle included. Cuts smooth, accurate square holes in metal — bakelite — plastic — composition board, etc. Complete with 1/2", 3/8", 1" punches — dies — drive screw, T handle and wooden case. Shpg. wt., 2 lbs. HD-480 Net 6.95

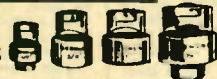
5 PC. ASSORTED FILE SET

98¢

Five files selected for utility and durability. Good quality—equal to files selling for far more. Each one a different pattern—three standard shapes—two triangular. Sizes 6" to 12". Shpg. wt., 2 lbs. HD-456 Net .98



GREENLEE CHASSIS PUNCHES



Cut holes in metals up to 1/8" thick with the turn of an ordinary wrench. No sawing, reaming or filing. TYPE 730, Round Holes, AVG. Shpg. wt., 1 1/2 lbs. ea.

Stock No.	Size	Net ea.	Stock No.	Size	Net ea.
HD-590	1/2"	2.29	HD-603	1 1/4"	2.65
HD-591	3/8"	3.53	HD-604	1 3/8"	3.00
HD-592	3/16"	2.29	HD-605	1 1/2"	3.39
HD-593	1 1/4"	2.29	HD-606	1 3/4"	3.97
HD-594	3/4"	2.29	HD-607	1 3/4"	4.50
HD-595	3/4"	2.29	HD-608	1 7/8"	5.60
HD-596	7/8"	2.29	HD-609	2"	6.04
HD-597	1 3/8"	3.97	HD-610	2 1/8"	10.80
HD-598	1"	2.51	HD-611	2 1/4"	6.57
HD-599	1 1/4"	2.65	HD-612	2 1/2"	13.00
HD-600	1 1/8"	2.65	HD-613	2 3/4"	16.09
HD-601	1 3/8"	2.65	HD-614	2 3/4"	11.02
HD-602	1 3/4"	2.65	HD-615	3"	22.93
TYPE 731, Square holes, AVG. Shpg. wt., 2 lbs.					
HD-616	1/2"	4.18	HD-619	7/8"	5.29
HD-617	3/8"	4.32	HD-620	1"	5.73
HD-618	3/4"	4.76			
TYPE 732, KEVED SOCKETS, AVG. Shpg. wt., 1 1/2 lbs. ea.					
HD-621	1 1/8"	4.41	HD-624	1 1/4"	5.15
HD-622	1 1/8"	4.32	HD-625	1 3/8"	5.59
HD-623	1 1/4"	4.71			

Replacement cap screws for 730, round hole, punches above. Shpg. wt., 4 ozs.
 HD-626 for 1/2", 3/8", 5/16", 3/16" Net .26
 HD-627 for 1/6" through 1/4" Net .26
 HD-628 for 1" through 1 1/2" Net .30
 HD-629 for 1 3/8" and 1 3/4" Net .39
 HD-630 for 1 7/8" through 2 1/2" Net .53
 HD-631 for 2 3/4" and 3" Net 2.77

PRECISION MACHINISTS FILES

- DEAD SMOOTH CUT
- 8 POPULAR STYLES

1.49



Made of exceptionally high grade steel. Designed to meet the requirements of Tool Rooms — Instrument Makers — Machinists and Engineers. Used wherever the demand is for fine work within accurate limits. All are approximately 8" long overall — parallel (machine type) tang. Set includes: Three square, crossing, dovetail (verge), half round, warding, pillar (one safe edge), square and round. All are Dead Smooth (No. 3) Cut. In heavy plastic case. Shpg. wt., 1 lb. HD-473 Net 1.49

Precision Engineers Files: Similar to above files. Dead smooth (No. 3) cut. All are approximately 9" long. Slightly heavier stock. Set includes 3 square, half round, pillar (one safe edge), square and round. In heavy plastic case. Shpg. wt., 1 lb. HD-472 Net 1.10

TUNGSTEN SPEED TAP & DIE SET

- 5 NATIONAL COARSE SIZES



Ten taps and dies — most popular national coarse size. High quality — low cost set for servicemen, hobbyists, experimenters, repair shops and handymen. Set includes one tap and one die of the following sizes: 1/4-20, 3/8-18, 3/8-16, 1/2-14, 1/2-13. Complete with die stock, tap wrench and fitted wooden case. Shpg. wt., 4 lbs. HD-635 Net 2.69

20-PIECE TAP AND DIE SET

- NATIONAL COARSE SIZES



Twenty of the most often needed taps and dies. Sizes popularly used in radio, hobby, home, shop and light industry. Contains one tap and one die in each of the following sizes: 6-32, 8-32, 10-24, 12-24, 1/4-20, 3/8-18, 3/8-16, 1/2-14, and 1/2-13. Includes die stock and adjustable tap wrench. Entire set contained in a fitted metal case. Shpg. wt., 4 lbs. HD-252 Net 5.59

5.59

12 NEEDLE FILES

- SWISS PATTERN

Handy set for the hobbyist. Used by jewelers, watchmakers, toolmakers, etc. all over the world. Consists of 12 assorted flat, oval, round, triangular and edge files to fit every need. Shpg. wt., 1 lb. HD-88 Net 1.95



1.20 TUBING CUTTER



A quality cutter for copper, brass, or aluminum tubing. Provides up to 1" capacity. Equipped with alloy steel cutting wheel and slide-lock reamer. Ideal for light plumbing, etc. Shpg. wt., 8 oz. HD-346 Net .20

FLARING TOOL

High grade plated tool steel die stock. Rapid opening hinge for swivel cone yoke. Flares all most often encountered tubing. Sizes: 3/8", 1/2", 5/8", 3/4", 1/2" and 3/8" O.D. Shpg. wt., 2 1/2 lbs. HD-716 Net 1.49



7" COMBINATION TIN SNIPS



Made of forged steel, hardened, tempered and ground. Highest quality polished steel blades retain keen cutting edges. Handles have blue lacquer finish. Shpg. wt., 2 lbs. HD-411 Net .89

.89

- CUTS CURVES OR STRAIGHT

ADEL HAND "NIBBLING" TOOL

- Cuts any shape or opening by hand
- In sheet steel up to 18 gauge—in soft metals up to 1/4" thick.



Easily operated hand "Nibbler" cuts any shape hole in sheet steel—aluminum—copper—or plastic. Metal remains flat and straight after cutting. Does not add strain or distortion to edges. Cuts holes in preformed sheet metal (air-ducts, chassis, etc.) without distorting original form. Cuts in all directions. Any design—angle—radius. Follows scribe lines easily. Best possible tool for cutting template and model parts from thin metal. Shpg. wt., 8 ozs. HD-436 Net 1 to 11. 3.85 12 to 71. 3.60 HD-437 Replacement part for above Net 1.67

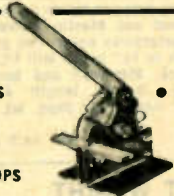
SHEAR MAGIC

- Cuts EVERYTHING!
- From Metal to paper!



High grade, compound leverage, multi-purpose shears. Cuts just about everything that needs cutting. Paper — cloth — asphalt tile — rubber tile — wallboard — wire — sheet metal — cable — shingles — flowers — vines — shrubs — plastic — linoleum — canvas — carpet — metal foil — fibre board — corel — shingles — and hundreds more. A basic tool for indoors or outdoors — necessary as a screwdriver, hammer or pliers. 8 1/2" long, chrome plated handles, tool steel blades with black oxide finish. Shpg. wt., 1 lb. HD-678 Net 1.29

4 TOOLS IN ONE



FOR INDUSTRIALS
EXPERIMENTERS
REPAIR SHOPS
MODEL WORKERS
SCHDOL SHDPS
HOME WORK SHDPS

- PUNCHES
- SHEARS
- RIVETS
- FORMS

An ideal tool for plant, shop or home use. Used extensively in industrial plants on small jobs. Handles stock up to 1" wide to 16 gauge. Punches clean, sharp, smooth, burr-free holes — up to 1" from edge — 1/8", 3/16", 1/4", 5/16" and 3/8" round. Forms bends up to 90° in rod or bar stock. Cleanly shears metals up to 1" wide, 16 gauge, without distortion. Rivets easily with any type solid or hollow rivet. Rivets up to a maximum combines thickness of 3/8". Shpg. wt., 15 lbs. HD-233 Net 10.39

EXTRA PUNCH SETS

Avg. shpg. wt., 4 oz.
 HD-234 Hex — 3/8", 1/2" and 3/4" Net 1.45
 HD-235 Square — 1/8" and 3/16" Net .95
 HD-236 Rectangular — 1/8" x 3/16" and 1/8" x 3/8" Net .95

18" BENDING AND FORMING BRAKE

- FOR EXPERIMENTERS—SERVICEMEN—SHOPS
- CLEAN SMOOTH BENDS
- FORMS UP TO 90°
- HANDLES UP TO 18" WIDTH IN UP TO 16 GAUGE THICKNESS



Unique design permits forming chassis, boxes, covers, trays, etc. by means of 1" deep slots in brake-bar which allow corners to fold in. Provides flange edges up to 1" high. Easy to adjust for thickness, accuracy, angle of bend. Rugged construction offers a life time of service. Shpg. wt., 20 lbs. HD-232WX Net 15.95

NOTCHING AND NIBBLING TOOL

- TAKES STOCK UP TO 16 GAUGE



12.75

An ideal bench tool for large or small snops. Perfect for the advanced hobbyist and handyman. Cuts perfect—burr free—1" x 1" notches in stock up to 16 gauge. 1" x 3/4" nibbling die makes nibbling intricate shapes simple. Dies are easily interchanged.
 HD-274 with 90° 1" x 1" Notch Die ... 7 lbs. 12.75
 HD-275 with 1" x 3/4" Nibbling Die ... 7 lbs. 12.75
 HD-276 Notch Die only 1 lb. 5.95
 HD-277 Nibble Die only 1 lb. 5.95

SAVE - With Lafayette Shop Essentials!

6" DIAGONAL SIDE CUTTING PLIERS



- Scientifically heat treated
- Honed and fitted cutting edges

Precision made by craftsmen of drop forged steel which is hardened and tempered. Highly polished to a professional finish which is rust resistant. Cutting edges are custom honed and fitted. Handles are properly designed to give maximum cutting leverage. Worth many times the asking price. Shpg. wt., 1 lb.
 MD-49 Net each .79

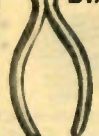
8" LONG NOSE PLIER WITH SIDE CUTTERS



- Hardened and tempered steel
- Provision for stripping wire
- Knurled sure grip handles

This polished plier is made of drop forged steel which is rust resistant. Is built to withstand years of rough tough work. Shpg. wt., 1 lb.
 MD-51 Net each .89

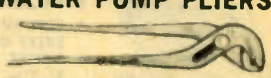
5" CHROME PLATED DIAGONAL CUTTERS



- Heavily Chrome Plated
- Also Designed for Crimping Wire
- Scientifically Honed and Fitted Cutters

Will nip and cut wire equally well. They are made of heat treated, tempered, and hardened steel. The precision cutters are sharpened and fitted to micrometer tolerances. They are heavily chromed to a high lustrous finish. Wt., 1 lb.
 MD-355 Net each .79

ADJUSTABLE WATER PUMP PLIERS



- Drop Forged Steel
- Polished Head

8 1/2" versatile, adjustable pliers. Wrench type action-slip joint convenience. Milled teeth for firm, non-slip grip. 5 positions — jaws parallel in each. Shpg. wt., 1 lb.
 MD-52 Net .79

TOOL STEEL PRECISION TAPERED REAMER



- Long gradual taper
- Removable "T" for use in drill chuck

Quickly enlarges holes to 1/2" in diameter in metals, wood and plastic. Removes burrs and countersinks holes. Has gradual taper down to 1/4" point. Will fit any 3/8" drill chuck. Machined and turned cutting edges. Overall length 4 3/4". Length of "T" handle 4". Shpg. wt. 1/2 lb.
 MD-357 Net each .59

3/4" STUBBY SIDE CUTTER PLIERS



- Knurled Handles
- Polished Finish

Miniature, drop forged, combination side cutters. Designed for use in electronics — hobby work — ignition — etc. Whenever small-versatile pliers are needed. Shpg. wt., 8 oz.
 MD-50 Net .69

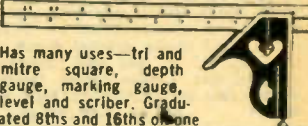
CURVE NOSE PLIERS



- Chrome Plated

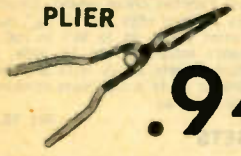
Versatile long-nose pliers bent 45° at midpoint of jaws. Forged from special heat treated, alloy steel and chrome plated to resist rust. Hand honed side cutters. Shpg. wt., 10 oz.
 MD-834 Net .79

COMBINATION SQUARE



Has many uses — tri and mitre square, depth gauge, marking gauge, level and scriber. Graduated 8ths and 16ths on one side, 16ths and 32nds on the other. 12" blade. Shpg. wt. 1 lb.
 MD-92 Net .99

LIGHT WEIGHT LONG NOSE PLIER



.94

Ideal for all types of delicate work and for reaching into hard-to-get-at places. Spring closing — holds wires, nuts, screws, etc. Mandy for mechanics, assemblers, hobbyists. 8 3/4" long, with soft plastic colored handles. Shpg. wt., 4 oz.
 MD-462 Net .94

"MAGIC-TIP" SLUG RETRIEVER



New tuning slug retriever for Standard Coil tuners. Fits new wide slotted slugs. Fits deep seated tuning units. Retrieve lost slugs without removing chassis. Holding mechanism is internal and fully automatic. Alloy blade; Tenite handle. Precision built to last. Shpg. wt. 8 oz.
 MD-40—11" overall Net 1.68
 MD-41—15" overall Net 2.24

PLIER GRIPS



Tough non-skid insulation. Bright red for easy locating in tool box. Molded rings at end afford length desired. With instructions for applying. Shpg. wt., 6 oz.
 MD-125 Per Pair—Net .31

"2-IN-1" SCREW DRIVER



Made of tempered and hardened tool steel, this reversible screw driver can be instantly converted into either a Phillips type or one with a regular 3/4" blade. Just pull out, choose the desired type, and snap in. Machined plastic handle is shockproof and flameproof. Blade is magnetized. Shpg. wt., 4 oz.
 MD-408 Net .49

BLONDE PRECISION OILER



Puts a drop or a squirt of oil where you want it. The only practical instrument for precision oiling. Spout is only .003 in. diam. Made of stainless steel and butyrate. Filled with clear, non-staining machine oil. Can be refilled. Hypo action prevents messy, harmful overoiling of precision equipment. Shpg. wt., 4 oz.
 MD-311 Net .66

WHITE-FACE STEEL TAPE



6 ft. white blade with easy-to-read black markings. Unbreakable die-cast case with bright-plated finish. Case is squared to permit inside and outside readings. Blade is 1/2" wide best spring steel. Baked white enamel finish. Shpg. wt., 6 oz.
 MD-79 Fig. A Net .45
 10 ft. tape: (A) Similar to above but 10 feet long — for that added convenience when extra length is needed. Wt., 6 oz.
 MD-178 Net .75
 50 ft. tape: (B) New 50 ft. white steel tape in non-breakable case. Non-Rust. Clear black numerals on white. Light weight. Easiest rewind—30% less turns. Shpg. wt., 1 lb.
 MD-179 Net 2.45

POCKET "PENCIL" MAGNET

- Gives You 10 inch Fingers!
- Retrieving Tool — Nail Starter

Powerful Alnico magnet contained in pen type body with pocket clip. Flexible extension increases overall length to 8 1/2". Removes chips from blind holes—picks up nuts, screws, washers — separates small aluminum, brass and steel parts—holds small parts for assembly or soldering—holds small nails to prevent mashed fingers. Carry in pocket just like a pencil! Hundreds of uses in shop or home.
 MD-184 Shpg. wt., 4 oz... Net each .39

HAND VISE



.59

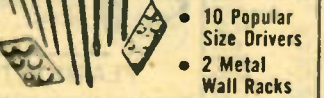
The only practical way to grip and hold small parts and pieces. 1 1/4" die cast jaws open to 7/8". Mounted on a 4" comfortable ferruled wooden handle. Holds work for drilling, marking, filing, sawing, etc. Endless uses in shop and handiwork. Shpg. Wt. 1 lb.
 MD-96 Net .59

MILLER WIRE STRIPPER



A really good wire stripper and cutter. For any size wire, stranded or solid. Adjustable arm on handle for varying wire sizes. Cuts and strips at any point along wire. Made of hardened tool steel—finely ground cutting edges. For serviceman —strip—or production work. Shpg. wt. 4 oz.
 MD-188 Net .73

12 PIECE SCREW DRIVER SET



- 10 Popular Size Drivers
- 2 Metal Wall Racks

Here is a 12-piece screw driver set that contains a size for every job and for every need. Magnetized blades. Plastic handles U.L. approved. Includes 2 metal wall racks for easy mounting. Shpg. wt., 12 oz.
 MD-406 Net .99

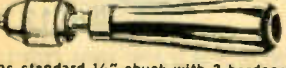
NEW JIFFY TOOL RACK



- HOLDS UP TO 29 TOOLS!

New handy rack for workshops—garage—kitchen. All rust proof aluminum—only 12" long. Saves drawer space. Items hung and removed quickly and easily. Can also be used on peg-board! Quick—easy installation, comes with 3 mounting screws. And what a price! Shpg. wt., 5 oz.
 MD-157 each, .45

PIN VISE



Has standard 1/4" chuck with 3 hardened jaws. Chuck opening from 0" to 1/4". Set on "easy-grip" ferruled wood handle 4" long. Holds small drills, reamers, screw bits, files, etc. A "natural" for the hobbyist and craftsman. Shpg. wt., 1/2 lb.
 MD-95 Net .65

SELF OPENING STRIPPER:

Similar to above except has built in spring device to hold cutter open. Speeds work on production line. Has ring — latch to hold blades in closed position. Shpg. wt., 4 oz.
 MD-189 Net 1.17

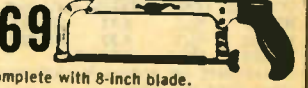
ALL-PURPOSE HACK SAW

Fits those ordinary hack saws cannot be used. With 7 1/2" tapering blade. Shpg. wt. 10 oz.
 MD-63 .29
 MD-64—Extra blade .13

AUTOMATIC PUNCH

Speedy, automatic, and adjustable — a single-hand operated punch gives light or heavy impressions with just the turn of a screw. Shpg. wt., 8 oz.
 MD-171 Net 1.98

ADJUSTABLE HACK SAW



Complete with 8-inch blade. Accommodates 8" to 12" blades. Blade can be faced in four directions. Easy-grip composition handle, nickel-plated stock. MD-170 Shpg. wt. 1 1/2 lbs. Net .69
 MD-212 10" blade 24 teeth per dz. .59
 MD-213 12" blade 24 teeth per dz. .69

SPECIAL WORKSHOP VALUES

NEW! RATCHET HEAD "VERSATOOL"



1.68

- WORKS RIGHT-LEFT-AND LOCKED!
- FITS SLOTTED AND RECESSED SCREWS!
- USE STRAIGHT OR OFFSET

Versatile—compact—durable. Ideal for the professional—hobbyist—craftsman. Heat treated—tool steel blades. Full sized butyrate handle and knurled grip. Fits any pocket—only 4 1/2" long when closed—no protruding blades. Select any of three blades—locks instantly in position. Can be positioned at right angles for extra leverage. Universal ratchet operates in either direction or locks. 1/4" nut driver in head. Chrome plated finish. Shpg. wt., 1 lb.
HD-317 List 2.40 Net 1.68

RATCHET HEAD SOCKETOOL



2.25

Amazingly versatile! Handles carriage bolts, machine bolts, lag screws, sheet metal screws, machine screws, wood screws, cap screws—any style of head—slotted, recessed, square or hex. Operates in straight or offset position—handy for hard-to-reach places. Universal ratched head works right, left or locks—speeds and simplifies any job! Contains Shelton suregrip ratchet handle; straight hex adapter;

offset hex adapter; 5 hex sockets—1/4", 3/8", 1/2", 5/8", 3/4"; 3 square sockets—3/8", 1/2", 5/8"; tool steel screwdriver bit for slotted screws; tool steel screwdriver bit for recessed head (Phillips) screws. A fine small tool set, ruggedly constructed for hard usage. Complete in durable plastic case. Shpg. wt., 1 lb.
HD-481 Net 2.25

AUTOMATIC SCREWDRIVER-DRILL



- 6 SCREWDRIVER AND DRILL BITS

A three way spiral ratchet screwdriver with 6 replaceable blades. 3/16" and 1/4" standard screwdriver blades; 1 cross point blade; 3/8", 1/2", and 5/8" drill bits. All blades and bits are stored in the clear plastic handle for convenience. 10 1/2" long. Shpg. wt., 1 lb.
HD-842 Net 2.39

12 PC. WOOD CARVING SET

1.29

Polished blades of good quality high carbon steel. Carefully tempered to take and hold a keen edge. Strong smooth hardwood handles. Heavy ferrules. Set includes gauges, spear points, round nose, skews, parting tools, etc. For wood carving, sculpturing, finoleum, block carving. Shpg. wt., 3/4 lb.
HD-636 Net 1.29

MAGNA-MAG

6X magnifying glass with built in magnet. Attaches to any ferrous metal. Simplifies reading of vernier scales, callipers, gages, rules, etc. A vest pocket tool for machinists, layoumen, draftsmen, inspectors, engineers. Saves time, reduces eyestrain, insures accuracy. Detects surface flaws in dies, sheet metal, etc. Will withstand rugged usage. Shpg. wt., 4 oz.
HD-291 Net .69

VERNIER SLIDING CALIPER

.95



Sharp pointed projections for accurate dividing, scrib-ing, etc. Lock nut insures against errors caused by sliding gauge. Rule graduated in 16th and 32nds plus 5" depth gauge. Precision-made. Shpg. wt., 1 lb.
HD-221 Net .95

DREMEL MOTO-TOOL KIT



Designed for light grinding, polishing, drilling, carving, sanding, sawing, engraving, routing, etc. Handles as easily as a pencil. Does fine detail work with pinpoint accuracy. Ideal in shop, industry, lab, hobby, model making, home work shop, etc. Automatic chuck lock—oil-less bearings—bakelite housing. Works in wood—metal—plastics—glass—leathers—etc. Includes steel cutters, emery wheels, drum sander, mandrels, brushes, cut-off wheels, polishing wheels, dressingstone, polishing and sanding accessories, etc. All in steel case, 110-120V. AC/DC. Shpg. wt., 5 lbs.
HD-292 Net 18.52

DREMEL JIG-SAW



- POWERFUL ROTARY MOTOR

23.48

Cuts and outperforms heavier units selling for much more. Extra rugged, built for heavy duty use. Cuts wood up to 1 3/4" thick—plastics—light metals. 15" throat—cuts to center of 30" circle. Powerful, self contained, rotary motor. Exclusive rocking action. Table tilts to 45°. Safe enough for youngsters. 8x23x9 1/2" overall. For 110-120V 60 cy. AC only. UL approved. Shpg. wt., 14 lbs.
HD-295 2.00 Down Net 23.48

NEW! MITER-MASTER



1.77

- 6 HANDY TOOLS IN ONE
- RUGGED STEEL CONSTRUCTION

A universal tool for the workshop. Can be used as a mitering guide, diameter gauge, accurate square, marking gauge, center finder and convenient ruler. Shpg. wt., 1 1/2 lbs.
HD-413 List 2.50 Net 1.77

2.85 SWEDISH STEEL CHISEL SET



- SIZES 1"—3/4"—1/2"—1/4"

Rugged, tang type, well balanced chisels. Tang extends well into plastic handle. Tough plastic handles outlast wood. Won't mushroom or break. Hand forged hardened Swedish steel, heat treated for lasting sharpness. Shpg. wt., 1 1/2 lbs.
HD-426 Net 2.85

GENERAL PURPOSE SAW



2.85

- 9 DIFFERENT ANGLES
- 16 TUNGSTEN STEEL BLADES

Cuts most everything! Hardwood—softwood—wood with nails in it—hard rubber—plastics—fibre board—pipe—tubes—bars—mild steel—copper—brass—aluminum—lead. Quickly locks in any one of nine positions. Ideal for cutting in awkward positions. No loose parts. Tapered blade for sawing in confined places. Perfect balance reduces fatigue to a minimum. Comfortable, die cast handle grip. Designed to do that "odd job." Shpg. wt., 1 1/2 lbs.
HD-722 Net 2.85

NEW! PRUNING SAW

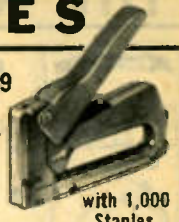


1.97

Remarkable new blade development for all fast pruning-trimming-wood sawing. Fine Sheffield steel blade combined with heavy duty hacksaw frame. The ideal tool for pruning-cutting green or dried logs-rough or heavy lumber. Perfect for campers-foresters-public utilities, etc. Cuts three times faster than ordinary saws. Shpg. wt., 2 lbs.
HD-454 Net 1.97
HD-453 Blade only, fits all 12" Hack saws Net .83
HD-211 Heavy Duty Hack saw Net 1.35

NEW Swingline 3.99 #101 Stapler Gun

- HIGH COMPRESSION MODEL
- STAPLES WITHIN 1/8" OF CORNER
- 100% JAM PROOF
- OPEN CHANNEL LOADING



with 1,000 Staples

Revolutionary, new staple gun with tremendous, pile driving action. Delivers as much driving power as machines twice its size and weight. Highly maneuverable—perfectly balanced—extremely lightweight. All case hardened steel construction. Rust proof, bonderized finish. No oiling required at any time. Uses two staples sizes—4/16" and 3/16"—with no mechanical changes. Used in carpentry—woodworking—fencing—upholstery display work—insulating—screening—weather stripping—etc. Built in staple extractor. Visible staple load indicator. Handle locks flush when not in use. Complete with package of 3/16" staples. Shpg. wt., 1 1/2 lbs.
HD-322 List 4.95 Net 3.99
HD-323 Pkg. 1000 4/16" staples Net .40
HD-324 Pkg. 1000 3/16" staples Net .40

MULTI-PURPOSE STAPLE GUN KIT



12.87

- ONE SQUEEZE—AND YOU'VE NAILED IT!
- 4 NEW ATTACHMENTS

Kit contains everything you need for 100's of nailing jobs. One hand operation—double leverage for ease in handling. Shoots a staple wherever you'd drive a nail. T-50 gun handles four different staple sizes, 1/4", 3/8", 1/2", and 5/8". Includes T-50 gun, 5000 ass't staples and staple remover. Plus new screen stapling attachment, wire stapling attachment, window shade (cylindrical surface) attachment. Shpg. wt., 5 lbs.
HD-474 Net 12.87

STAPLES FOR T-50

HD-879 3/4" 5000 pkg. Shpg. wt., 1 lb. 2.20
HD-880 1/2" 5000 pkg. Shpg. wt., 1 lb. 2.80
HD-881 3/8" 5000 pkg. Shpg. wt., 1 lb. 2.92

AUTOMATIC SCREWDRIVER



3-way spiral ratchet. Spring return. Fully nickel plated. Rosewood handle. 3 screwdriver bits. 18" long.
HD-281 Shpg. wt., 1 1/2 lbs. Net 2.89

ALL PURPOSE GREASE GUN \$1.98

\$1.98

- FUNCTIONAL—TROUBLE-FREE—EASY LOADING
- 3,000 LBS. PRESSURE PER SQ. INCH
- 3" STRAIGHT NOZZLE



Functional, trouble-free, all-purpose, as modern as push button control. Develops up to 3,000 lbs. pressure per square inch. The 3 inch straight nozzle makes easy work of those hard-to-reach greased fittings. The ideal lubricator for maintaining powered lawn mowers, workshop tools, automobiles, outboard motors, tractors, chain saws, etc. Amber translucent body with a yellow base. Made of tough tenite, stands by itself. Fits hand comfortably. Shpg. wt., 1/2 lb.
HD-336 Net each 1.98

HYDRAULIC PUMP OILER

- PERFECT OILER FOR 1001 USES
- LIGHTWEIGHT—HANDY—TRANSLUCENT TENITE

A new shop-home-office accessory. Gives fine, pressurized stream that lubricates hard to get at places. Seamless construction of durable tenite. Finger tip plunger. Holds 4 ozs. of oil. Lubricates all types of machinery—hand and power tools—appliances—fixtures—toys—conveyances. Removable base for easy filling. Drip proof—leak proof design. Outmodes the old fashioned oil can. Shpg. wt., 1/2 lb.
HD-265 Net ea., .89



Lots of 3 .75 ea.,

THE RIGHT TOOLS AT THE RIGHT PRICE



FLEXIBLE SHAFT ATTACHMENT
FOR ELECTRIC DRILLS
• DRILL WHEREVER YOU WILL
• TAKES UP TO 1/8" SIZE DRILLS

2.39

Operates off any fixed or portable 1/4" power drill; enables you to drill at any angle anywhere. Capacity up to 1/8" size drills; 36" overall length, with chuck. Comes in box with complete instructions. Shpg. wt., 1 lb. HD-389 Net 2.39

WATCHMAKERS PRECISION SCREWDRIVER SET

Handy set of 6 precision screwdrivers with nickel-plated knurled handles, swivel heads and tempered steel blades. One each from No. 0 to 5—blade sizes: .025" to .100". In plastic kit. Shpg. wt., 3 oz. HD-444 Net .69



69c

7-PIECE SUPER NUT-DRIVER SET

Most popular socket sizes—polished, hardened steel detachable shafts. Plastic handle with precision clutch. Contains: 1—3/8" hex nut shaft, 1—1/4" hex nut shaft, 1—3/16" hex nut shaft, 1—1/2" hex nut shaft, 1—3/8" hex nut shaft, 1—3/4" hex nut shaft, 1—amber handle with chuck. HD-14 Shpg. wt., 2 lbs. Net .99



MINIATURE SCREWDRIVER-NUTDRIVER SET

Five indispensable tools for the hobbyist and technician. Includes slim shaft 3/4" and 3/8"x3" hex nut drivers, 1—miniature cross point, 1—3/32" standard, and one .100 jeweler's screwdriver. Comes with case holding all five tools. Fits easily in any pocket. Shpg. wt., 4 oz. HD-832 Net .79



4 PIECE COLD CHISEL SET

• SIZES 1/4" - 3/8" - 1/2"
Rugged, well balanced chisels. Designed for long lasting performance and for lasting sharpness. Four popular sizes in a convenient carrying pack. Shpg. wt., 2 lbs. HD-831 Net .59



"FOREMAN" LAYOUT TOOL

2.79

- DOES ANY LAYOUT WORK WITH EASE
- SCRIBES CIRCLES UP TO 20 FEET IN DIAM.

Not just another rule—but a multi-purpose 10 ft. layout tool. Does any layout work—marking, scribing, squaring out rooms; scales plans; marks any material with hair-line accuracy; accepts knife blade for ripping sheetrock, etc.; marks radius up to 10 ft.; locks in at any place on scale. 10 ft. x 3/4" white tape includes scales for 32nds., 16ths., inches, foot plus inch; architects scales, tile layout scale, automatic lock, scribing pin. Shpg. wt., 1 lb. HD-310 Net 2.79



5 PC. SCREW EXTRACTOR SET

- FOR 1/8" TO 3/4" SCREWS

Five piece, chrome vanadium, screw extractor set. Removes broken and mutilated screws—bolts—studs, even 1/8" and 3/4" pipe. Simply drill damaged screw-twist extractor in—and back screw out. Set consists of 5 extractors in wooden case. Shpg. wt., 1 lb. HD-273 Net 1.59



BENCH AND WOODWORK VISES



SWIVEL CLAMP-ON VISE (A)

Sturdy, practical and efficiently constructed. 2 1/2" wide jaws—open to a maximum 2 1/2". Twin guide rods and precision drive screw assure smooth action—rigid grip. Jaws accurately machined, polished and lacquered. Unexcelled for ordinary jobs in shop, home or garage. Shpg. wt., 3 1/2 lbs. HD-107 Net 1.99

HOBBY CLAMP-ON VISE (B)

Sturdy, practical and efficient. Twin 3/8" guide bars assure vernier smooth action. A large "T" free action tightening bar is connected to drive screw. Set screw on vise permits removal of drive screw from vise body. Knurled tightening knob on clamp permits speedy clamping of vise. Screw parts are nickel plated, vise body is finished in baked enamel. Jaws are 1 1/2" wide and open to a maximum 1 1/2". Shpg. wt., 3 1/2 lbs. HD-356 Net each 1.10

WOODWORKERS VISE (C)

- 6 1/2" x 3 1/2" JAWS
- OPENS TO 4 1/2"

A fine, practical tool for the small shop-home-farm or garage. Guides are of finely machined cold rolled steel. Gray iron jaws—face ground and finished. 3/8" diameter screw—6 thread per inch. Shpg. wt., 6 lbs. HD-182 Net 1.99

1.69 7 in 1 HOLE SAW



Fits any electric drill, drill press, motor arbor, rotary sander or lathe. Cylindrical saw blades cut holes from 1" to 2 1/2" diameter in any 3/4" stock. Hole sizes are 1", 1 1/4", 1 1/2", 1 3/4", 2", 2 1/4", 2 1/2".

True size carbon steel saw blades fit into deep machined grooves in tool head and are locked into place by a full length lock screw. Cuts wood, plastics, metals, sheet-rock, wall-board, masonite, formica, etc. Has guide bit and automatic slug ejector. Shpg. wt., 1 1/2 lbs. HD-225 Net 1.69

1/2" CHUCK FOR 1/4" DRILLS



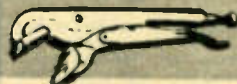
Converts 1/4" electric drill to 1/2" capacity. Properly machined to insure correct balance. May also be used on standard 1/2 x 24 motor arbor or shaft. Shpg. wt., 1 lb. HD-203 Net .99



.59 WIRE STRIPPER-CUTTER

- INSULATED HANDLES

Tempered steel—handy—easy to use wire stripper. Pawl cam lock sets to wire gauge. Designed to fit your grip—uses minimum pressure. Specially ground cutting edges. Cuts and strips at any point along wire. For service or light production work. Shpg. wt., 1/2 lb. HD-264 Net .59



LOCKING PLI-RENCH

Super power locking combination pliers, wrench, clamp and vise. Exerts over 1,000 lbs. of pressure. Heat treated, drop forged jaws. Machine milled teeth. Length 10". Shpg. wt., 1 lb. HD-126 Net 1.20

HANDY WARDING FILE SET



- 6 INDIVIDUAL FILES
- SPECIAL STEEL-DEEP CUT-HARDWOOD HANDLES

Perfect for shop—home—hobby work. Kit consists of flat, half round, triangular, square, round and taper files. All with individual hardwood handles. Sturdy plastic pocket case included. Shpg. wt., 1/2 lb. HD-215 Net .89

WRENCH SET Multi-Use



- 8 PRECISION WRENCHES

Fully nickel plated—special analysis alloy tool steel. Heat treated and hardened. 16 sizes cover the most often encountered nuts in the automotive-TV-radio-appliance and hobby fields. Sizes range from 3/4" to 1 1/2". Set includes case with transparent cover. Shpg. wt., 8 oz. HD-405 Net .69

DRILL SET



4-PC. TWIST

Contains 4 high-carbon steel twist drills. SIZES: 1/4", 3/8", 1/2", 5/8". Drills have 1/4" shanks for use with 1/4" max. chucks. Allows owner of small drill to make larger holes without tedious filing or reaming. Made of precision ground speed steel. Comes complete with clear plastic pocket-case. All four drills 5" long. HD-869 Shpg. wt., 10 oz. Net .89

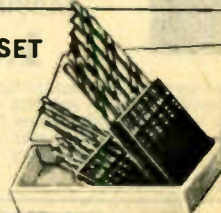
HAND TAP SET



- AMERICAN STANDARD THREAD
- 5 MOST NEEDED SIZES
- RUGGED TAP WRENCH

Handy tap set includes most often used sizes. Consists of 6-32, 8-32, 10-32, 3/16-24, and 1/4-20 taps, rugged tap wrench with T-bar handle; all in heavy plastic pouch. All threads are American Standard. Extremely useful for repair and servicemen. Shpg. wt., 1 lb. HD-410 Net .99

13 PC. TWIST DRILL SET



Set of 13 high quality chrome vanadium twist drills, complete with metal index. Sizes: 1/16" to 1/4" by 64ths. Shpg. wt., 8 oz. HD-113 Net 1.29

20 PC. AUTO SOCKET SET



Ideal for auto or home. Contains 8 regular 12-point sockets—3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8", and 1 1/4"; 1/2" drive hex L handle, 1 ratchet handle, 1 screwdriver adapter; also 7 ignition sockets—1/4", 3/8", 1/2", 3/4", 7/8", 1 1/4", and 1 1/2" internal knurled socket; 1/2" drive hex L handle. All parts are properly heat treated and nickel-plated. Mounted in red wall bracket. Shpg. wt., 3 lbs. HD-446 Net 2.79

2.79

NEW MASTER FINISHER



A master tool for all hand finishing jobs, both coarse and fine; also for grinding, polishing and other uses in home and shop. Holds sandpaper and abrasive, quickly replaceable. 5 1/2" long body, tapered. HD-414 Shpg. wt., 8 oz. Net .72

THE RIGHT TOOLS AT THE RIGHT PRICE

XCELITE-HIGH QUALITY TOOLS



First quality—rugged—skillfully made—screwdrivers and hex nut drivers. Forged of Chrome Vanadium electric furnace steel. Shock proof—break proof Xcelite plastic handles. Winged end of shaft prevents turning of blade in handle. Perfect burr-free sockets, deep enough to hold two nuts at once. Nut driver handles are color coded. Average shpg. wt. of screwdriver is 6 ozs.—of nut driver 8 ozs.

SCREWDRIVERS

ROUND BLADE—polished, flanged blades

Stock No.	Type #	Shaft Size	Overall	Net
HD-484	R144	4" x 1/4"	8"	.75
HD-485	R146	6" x 1/4"	10"	.78
HD-486	R148	8" x 1/4"	12"	.84
HD-487	R182	2" x 1/8"	2 1/2"	.33
HD-488	R183	3" x 1/8"	5"	.27
HD-489	R184	4" x 1/8"	6 1/2"	.39
HD-490	R186	6" x 1/8"	8 1/2"	.42
HD-491	R188	8" x 1/8"	10 1/2"	.54
SET-SCREW TYPE—with pocket clip				
HD-492	R184 1/2	4" x 1/8"	6"	.27
HD-493	R3323	3" x 3/32"	5"	.27
SQUARE BLADE—heavier duty				
HD-494	S144	4" x 1/4"	8"	.81
HD-495	S146	6" x 1/4"	10"	.87
HD-496	S148	8" x 1/4"	12"	.96
HD-497	S3164	4" x 3/8"	7 3/4"	.66
PHILLIPS SCREWDRIVERS—alloy steel				
HD-498	X101	3" #1 pt	6 1/2"	.69
HD-499	X102	4" #2 pt	7 3/4"	.87
HD-500	X103	6" #3 pt	10"	1.17
HD-501	X108	6" #1 pt	10"	.75

HEX NUT DRIVERS

*Used as Volume Control Wrench

Stock No.	Type #	Nut Size	Length	Net
HD-502	6	3/16"	6"	.72
HD-503	7	1/8"	6"	.72
HD-504	8	1/4"	6"	.72
HD-505	9	5/16"	6"	.72
HD-506	10	3/8"	6"	.72
HD-507	11	1/2"	6"	.72
HD-508	12	5/8"	6"	.72
HD-509	A8	3/4"	9"	.81
HD-510	A10	7/8"	9"	.81
HD-511	A12	1"	9"	.81
HD-512	S8	1/4"	3 1/4"	.57
HD-513	S10	3/8"	3 1/4"	.57
HD-514	S12	1/2"	3 1/4"	.57

HOLLOW SHAFT NUT DRIVERS

HD-515	HS0	1/4"	6 7/8"	.87
HD-516	HS10	3/8"	6 7/8"	.87
HD-517	HS11	1/2"	6 7/8"	.90
HD-518	HS12	5/8"	6 7/8"	.90
HD-519	HS14	3/4"	6 7/8"	1.02
HD-520	HS16	7/8"	6 7/8"	1.05
HD-521	HS18	1"	6 7/8"	1.08
HD-522	HS20	3/4"	6 7/8"	1.23



NO. 99 PR MULTI-PURPOSE SET

11 interchangeable nut drivers and screwdrivers in a durable roll plastic kit. 9 nut drivers from 3/16" to 1/4" — double ended standard screwdriver — double ended Phillips screwdriver—single handle for all blades. All blades interchange easily. Shpg. wt., 2 lbs. Net 8.67
No. 99 JR—Pocket size version of the famous 99 PR. You get 7 nut drivers, 3/16" to 3/8"—2 Phillips blades—2 standard screwdriver blades—and 99—2 handle. All in roll-up durable plastic kit. Shpg. wt., 1 1/2 lbs. Net 7.50



XCELITE SEIZER

All stainless steel. 6" long. They have unusual holding qualities necessary in many servicing situations. Shpg. wt., pkg. of 10, 1 1/2 lbs.

HD-528—No. 42H Straight Nose Net 4.27
HD-529—No. 43H Curved Nose Net 4.44

NEW! 4-WAY POCKET TOOL



Extremely handy tool for assembling and disassembling. It's a 1/4 and 3/16" nut driver, a no. 1 Phillips screwdriver, and a 3/16" slotted screwdriver. Shpg. wt., 1 lb. Net 1.35

HD-882

NO. 137 BENCH SET



Sturdy, handy, metal bench set. The most frequently used nut drivers—color coded handles—highly polished blades. Size: 3/16, 1/4, 5/16, 3/8, 1/2, 5/8". Shpg. wt., 3 lbs. Net 6.42

HD-527

NO. 127 WALL SET

Seven most popular, color coded Nut Drivers in a "borrow-proof" steel wall rack. Includes wrenches from 3/8 to 3/4". All blades highly polished. Metal holder in red wrinkle finish. Shpg. wt., 2 1/2 lbs. Net 5.76

HD-524

RAPID GRAIN SPRAY-ON WOOD FINISH KIT

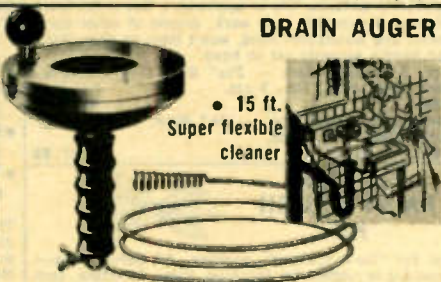


Makes Old and Unfinished Surfaces Like New Wood

- 3 Easy Steps — No Tools Needed
- No Removing, Scraping or Bleaching

Gives a professional look to your old or new cabinets or any woodwork with a Rapid Grain Spray-on Finish Kit. This is the ideal, quick, modern way to have a gleaming natural look without removing, scraping or bleaching. It takes only 3 easy steps, without tools. Each kit consists of 16 oz. can base, 16-oz. can water clear acrylic finish, 1/4 pint dye, sponge applicator, sandpaper, instructions. Shpg. wt., 4 lbs.

P410 Mahogany Net 3.41
P411 Blonde Net 3.41
P413 Danish Walnut Net 3.41



DRAIN AUGER

- 15 ft. Super flexible cleaner

"Zippy" quickly cleans obstructions in drains, sinks, waste lines, tubs, eaves and gutters. Scaled down version of the professional tool. Designed for home, shop, garage and light industrial use. Flexible 15 ft. by 1/4 in. Spring steel rod coils neatly in the canister when not in use. Only the length of rod required for the job is withdrawn from the canister. Reams out obstructions quickly, cleanly, easily. Cork-screw head allows tip to pass through crossbars without dismantling taps or drains. Entire rod retracts into the baked enamel finished, self storing container. Will not damage pipes as chemical cleaners do. Shpg. wt., 4 lbs.

HD-683 Net 3.89

Giant "Zippy". Same as HD-683, but with 26 ft. rod. Shpg. wt., 6 lbs. Net 5.89

HD-684

SAW DRILL

Quickly and easily saws any shape hole in wood, plastic, plaster, wall board, plywood, etc. Gimlet tip starts hole—"teeth" cut quickly in any direction. Drills—routes—enlarges holes. Does the work of a drill and a keyhole saw on many jobs. Shpg. wt., 4 ozs. Net .39

HD-679

TEKNI-TOOL SWIVEL TURRET VISE

- 360° Vertical and Horizontal Swivel
- Twin Jaws—2 3/8" W and 1 1/2" W



Precision, swivel, turret vise for the machinist—technician—hobbyist. May be clamped-on or bolted to bench top. Twin, smooth faced jaws open to a maximum of 2". One set 1 1/2" wide, the other set 2 3/8" wide. Small, stationary jaw is V-grooved for gripping round stock. Positive lock in both swivels. Shpg. wt., 5 lbs. Net 5.49

HD-848

50 FT. FIBER GLASS TAPE



- Tougher than steel—more flexible than cloth
- Non-conducting—easily cleaned—always accurate

An extremely accurate, dimensionally stable, non-conducting measuring tape. Lighter and stronger than steel tapes. Made of 30,000 parallel glass fibers, covered with tough, resilient polyvinyl. Unaffected by water—constantly stable. Wipes clean with a damp cloth. Rust-proof—no oiling. Can not "kink", bend or break off. Markings can not rub off—extremely resistant to abrasion. 50 ft. tape, 1/2" wide. Foot markings in red. Extra heavy case—chrome plated brass rewind handle. Shpg. wt., 1 1/2 lbs. Net 4.49

HD-847

NEW! PORT-A-LOCK



- Sure-Safe Door Lock
- Installed in Seconds

Protect yourself and your valuables with this fool-proof, portable safety lock. Lock pulls against latch plate on doorway frame after wedge has been inserted. Lock will not jam—just pull chain and it releases. Shpg. wt., set of 2, 6 ozs. Net 1.59

HD-883

NEW! SQUEEZ-KLIP



- All Purpose Fastening Tool
- Easy for the Housewife to Use.

New type of fastener with the usefulness of household cement. Pliers form clips into strong closed rings that will join leather, canvas, wire, wood, etc. Perfect for installing auto seat covers, repairing fences and hinging scrap books. Includes pliers and 60—1/2" and 60—7/8" clips. Shpg. wt., 8 oz. Net .74

HD-884

EXTRA CLIPS

240 Clips. 60 each of 1/2", 3/8", 3/4" and 7/8" clips. Shpg. wt., 6 oz. Net .88

HD-885

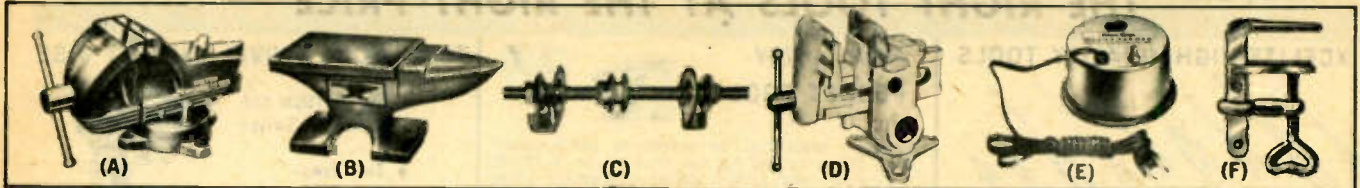
10 PIECE AUTO IGNITION WRENCH SET



Wrench set consists of 8 of the most popular small sizes. All 8 wrenches are fastened in one integral unit. Eliminates the need for searching for one wrench. Treated and hardened for extra long life. Also included are 1—screwdriver and one—Feeler Gauge. Shpg. wt., 3 oz. Net .39

HD-843

LAFAYETTE'S . . . LEADING TOOL VALUES



SHOP KING SWIVEL VISE (A): 3½" wide, serrated, hardened steel top jaws open to 4" maximum. Swivel base has 200° rotation—locks by slide for nut. Equipped with easily-removed pipe-vise jaws. Beautifully designed—precision machined—sturdily constructed. Complete with polished, removable top jaws—pipe jaws and cut-off tool. Flange mount bolts to bench. Shpg. wt., 18 lbs.
HD-106 Net 9.33

(B) "VILLAGE BLACKSMITH" ANVIL
 Here is workbench equipment long wanted—a rugged farm-and-home size anvil. 8" long, 3¾" high and 3" wide at the base. Finds hundreds of uses in metal work, woodwork, leatherwork, etc. Exclusively built for the home craftsmen, hobbyists and farmers. Shpg. wt., 8 lbs.
HD-404 Net 3.29

"Little Smith" Anvil
 "Little Smith" is the perfect companion for the hobbyist-tinkerer-model maker-or just plain foolin' around. Measures only 4½" x 2¼" x 2¼" overall. Rugged enough for heavy pounding-sized right for home or hobby. Makes a perfect paper weight for the craftsmen's bench or desk. Shpg. wt., 2 lbs.
HD-460 Net .98

3-WAY COMBO HAMMER
 Practical combination of hard and soft faced hammer. Permanent standard hammer head on one side—interchangeable, soft-face rubber and plastic heads fit other side. Metal portion is chrome plated. Smooth resilient hardwood handle. Guaranteed to become your most often-used hammer. Shpg. wt., 2 lbs.
HD-459 Net .98

VACO® "INDESTRUCTIBLE" HAMMER
 • "Fiberglass" Handle
 • Shot-Loaded Head
 • 30% More Drive
 • 3 Replaceable Faces
 New soft-face hammer—Perfect for use on all soft metals, painted, polished or plated surfaces and for working on motors, boats, furniture, plumbing fixtures, tile, appliances and metal forming. The shot-loaded head gives 30% more driving power with no rebound! Fiberglass shaft (strongest known) eliminates broken handles. Shock absorbing, Non-Slip head won't mar delicate surfaces. Resist grease, oil and acids. Includes tough, medium and Nylon tips. Unconditionally guaranteed. Shpg. wt., 1 lb.
HD-715 Net 3.72

• WEN 2 SPEED ¾" POWER DRILL MODEL 808
 • Hi Speed—3000 RPM—Low Speed 1000 RPM
 • Capacity in Wood ¼" to 2½"—In Steel ¼" to ½"
 • Ball Thrust Bearings
 One drill with the proper speed and torque for every job. Husky—powerful—but not bulky. Hi speed for sanding—sawing—grinding—brushing—buffing. Low speed for polishing—waxing—screwdriving—paint mixing—masonry drilling. Ingeniously wound motor delivers maximum torque under load. Auxiliary handle can be inserted at top or bottom. Change speed by shifting ¾" geared chuck to other power take off. Trigger switch with locking pin. 6 ft. rubber covered cord. UL approved. Overall length 12¼" 110-120V. AC/DC. Shpg. wt., 5 lbs.
HD-467 Net 19.97

(C) DOUBLE END BALL BEARING MANDREL
 Ideal for small shop or home. Equipped with hardened ball bearings and races. Threaded ½" x 20 on each end. 1½" pulley for "V" belt drive. Build your own grinder, sander, buffer, jack shaft, saw, etc. Shpg. wt., 2 lbs.
HD-240 Net 2.32

VERSA-VISE (D): All the features of a regular vise—plus—locks in any position, just tighten jaws. Turns to any work position. Use standing or laid flat—turns 360° either way. Larger jaw surfaces—3½" x 2½"—plus removable pipe jaws. Jaws open 5". Shpg. wt., 17 lbs.
HD-282 Net 10.49
Right Angle Adapter: Adds bench attachment for holding work at any angle. Shpg. wt., 2½ lbs.
HD-283 Net 2.18

FORGED STEEL HAMMER
 All steel—curved claw style—one piece construction. Eliminates broken handles and flying heads. Well balanced for non-tiring use. Non-slip—suede finish—rubber grip. Shaped like conventional wooden handle.
HD-481 Shpg. wt., 2 lbs. Net 1.89

CLAW-HEADED TACKHAMMER
 • CHROME PLATED
 Balanced high quality forged steel 7 oz. tackhammer with steel shaft. Chrome plating enhances appearance and protects against rust. Non-slip rubber grip shaped to hand contours. Shpg. wt., 1 lb.
HD-844 Net .79

RUBBER MALLETS
 Indispensable tools for work requiring a hard blow that doesn't mar the surface, such as soft metal work, work on polished surfaces, tile or appliances. Use it for home fixit jobs, automobile body work, dozens of other uses. Oilproof and waterproof head, won't flare or chip. Hardwood handle securely set in head.
 Large: 2 lb. head; face—2½" diam. 4¼" L; 12¾" handle. Shpg. wt., 2 lbs., 9 oz. Net 1.29
HD-868
 Small: ½ lb. head; face—1¾" diam. 3¾" L; 9¾" handle. Shpg. wt., 18 oz. Net .69
HD-867

4-PIECE PAINT BRUSH KIT
 Ideal for "Do-It-Yourself" painters. All pure bristle—vulcanized in rubber. For touch-up, trims, furniture, sash and moulding. Consists of 1 each—½", 1" 1½", 2" brushes. Packed in a polyethylene bag. Shpg. wt., 6 ozs.
HD-398 Net .98

NEW! PRECISION DIAL LEVEL
 • Reads Elevation from 0° to 90°!
 • Reads Inch Rise per foot to 12"!
 • Quick—Accurate—Floating Dial
 Simple—sturdy—efficient—precision levelling device. Extreme accuracy—perfect for levelling up hi-fi turntables. Used in roofing—framing—drainage—garden work—masonry—cement work—general repairs. Accurately squared sides permit levelling from top—bottom—or sides. One side of dial calibrated in degrees—other side in inches per foot. The pivoted-free moving-dial floats in a special liquid. Not affected by temperature from 40° below 0 to 200°. Comes to instant stop—no wagging or vibration. Easy reading through built-in magnifier and red pointer. Case molded of high impact plastic. 4" x 2¾" x ½". Dial approximately 2" in-diameter.
HD-338 Shpg. wt., ½ lb. Net 1.83

PERMA-POWER MAGNEFORMER (E): Compact, portable unit for either magnetizing or demagnetizing any small tools such as screwdrivers, nut runners, pliers, tweezers, etc. It does the job in less than 10 seconds. Ideal for use by service technicians, hobbyists, engineers, and all those who use small tools. Operates on 115 volt ac. Complete with simple instructions. Shpg. wt., 2½ lbs.
HD-400—List 7.50 Net 4.40

ADJUSTABLE C CLAMPS (F): Forged tool steel clamps. Bright-plated finish. "Quick-set" adjustable action. Stronger than cast type clamps. Avg. Shpg. wt. per pair 1 lb.
HD-401—2" Clamp Net per Pair .75
HD-402—3" Clamp Net per Pair .89
HD-403—4" Clamp Net per Pair .99

The "ULTRA" Electro-Tool Kit
 • Designed with the Technician in mind
 • Professional Quality Throughout
 • All the most often needed tools
 The finest—most compact carefully selected tool kit we have ever offered. Each component tool chosen to offer utility and quality. The "ULTRA" kit contains the following: 5 ½" insulated side cutters, 5" insulated chrome plated diagonal, 6" insulated chrome plated long nose, 30 watt soldering iron, 3 offset open-end wrenches covering from ¼" to ½", 5" chrome plated tweezers, shockproof amberoid chuck handle, ½" screw driver blade, ¾" screwdriver blade, #1 recessed screwdriver blade, punch-awl blades, ¼" nut driver blade, solder and flux. Pliers insulated for 10,000 volts, hand honed cutting edges. Side cutters have beveled nose, diagonals have provisions for wire stripping, long nose has "wrench" grip jaws and cutters. The entire set is nested in a zippered, fitted, lined book type carrying case with handle. Measures a scant 9" x 5" x 2". Shpg. wt., 2½ lbs.
HD-345 Net 7.95

MASTER Direct Reading Caliper
 • Read size directly from scale!
 • Measures round, flat, or irregular to 4" thick!
 • Precisely calibrated in inches by 32nd's!
 • Throat accommodates up to 3"!
 NEW!
 READ SIZE HERE
 The most handy, convenient, useful tool of its kind. Indispensable to machinists, toolmakers, patternmakers, draftsmen, inspectors, hobbyists, and home craftsmen. Measures round, flat, or irregular shapes up to four inches thick. Size is read directly on a 0-4 inch black on white scale calibrated in inches by 32nd's. Squeezing handle opens caliper—a spring closes it gently on work. Long, curved legs reach over obstructions to measure up to 3 inches in from the edge of a part. Penetrates to the bottom of grooves and slots only ¼" wide. Knurled thumb-screw locks the caliper at any mid-scale position for use as a gauge. Shpg. wt., 1 lb.
HD-339 Net .98

"EVER-LEVEL"
 • Measures Pitch in Degrees.
 • Measures Inch Rise Per Foot.
 • Floating Pointer for Hairline Accuracy.
 The first new leveling device in over one hundred years. Floating pointer gives true level or inclination at a glance. Only 2" square by 1" thick. Molded case of specially selected plastic. Pointer bob floats in oil. Reads any angle instantly. Case design allows leveling from top—bottom—or sides. Nothing to break or get out of order. Levels any job—large or small. Shpg. wt., 4 ozs.
HD-105 Net .98

DECORATOR HI-FI Shelf and Cabinet Accessories

ADJUSTABLE HARDWOOD LEGS

- Self leveling Swivel glide
- EASY TO ATTACH!

Made of genuine hardwood. 1 3/4" in diameter at the top, graceful taper. Each leg has a brushed brass ferrule at the tip. Sanded, ready to finish. Adjust to straight or flared style after attaching platform! Makes any TV set a console! Build your own hi-fi cabinets! Set of four legs—complete with hardware.

Stock No.	Ht.	Shpg. Wt.	Net
ML-96	4"	1 1/2 lbs.	2.55
ML-76	6"	1 3/4 lbs.	2.70
ML-99	8"	2 1/2 lbs.	3.00
ML-77	12"	2 1/2 lbs.	3.15
ML-102	14"	3 1/2 lbs.	3.45
ML-78	16"	3 1/2 lbs.	3.60
ML-103	18"	4 lbs.	4.05
ML-79	22"	4 1/2 lbs.	4.50
ML-80	28"	4 1/2 lbs.	5.40

TAPERED BRASS FINISH LEGS

- TUBULAR CONSTRUCTION
- FINE SATIN FINISH

Give a contemporary look to TV sets, radios, record players, tables, chairs, bookcases, chests, etc. New heavy duty bracket for straight or flared style. All steel rust-resistant legs with lacquered satin brass electroplate finish. Automatic self leveling, self locking glide. Set of 4 legs—complete with hardware.

Stock No.	Ht.	Shpg. Wt.	Net
ML-87	6"	2 1/4 lbs.	5.85
ML-88	11"	4 lbs.	6.75
ML-89	16"	5 1/2 lbs.	7.85
ML-90	22"	6 3/4 lbs.	8.10
ML-91	29"	8 1/4 lbs.	9.90

WROUGHT IRON LEGS

Do it yourself. With these smartly styled "hairpin" legs you can build modern benches, bookcases, tables, etc. — or mount them on your present TV set or other furniture. Sturdily constructed of 3/4" rod with welded steel top already drilled for insertion of screws. Set of 4 legs.

Stock No.	Ht.	Shpg. Wt.	Net
ML-53	6"	3 1/2 lbs.	2.25
ML-54	12"	5 lbs.	2.49
ML-55	17"	6 1/2 lbs.	2.89
ML-56	24"	8 lbs.	3.59
ML-57	29"	9 1/2 lbs.	3.89

WROUGHT IRON FOLDING LEGS

- Make your own Folding Tables
- Ideal with flushdoor

Heavy duty — snap lock — wrought iron — folding legs. Make a foldaway table of any flush door or heavy ply panel. Snap lock notch holds legs securely in open or folded position. Ideal for that "extra" table in home, office, shop, or store. Perfect for patio furniture that must be stored away compactly. Kit includes mounting plate — legs — screws — instructions. Everything but the lumber. Brass finish. Shpg. wts., 29" table set 11 lbs., 16" coffee table set 6 lbs.

HD-341—29" set	List 8.20	Net 6.15
HD-342—16" set	List 4.40	Net 3.30

PLASTIC FLOOR GUIDES for wrought

iron legs, straight or flare type. Prevents damage to carpet and linoleum. 4 per set. Shpg. wt., 4 oz. per set. ML-117—Set of 4

"DO-IT-YOURSELF" SHELF SPACERS

- No sawing, hammering, or fancy tools needed
- The newest accessory for assembling hi-fi units, chests, cabinets, shelves, etc. Unique, interchangeable dowel and hole design permits quick and easy attachment. Spacers are available in 10 or 14" heights. Bottom leg is 4" high—matching cap for top finish. Genuine northern hardwood 1 1/2" stock, sanded and ready for finishing. Makes possible thousands of shelf combinations. Simplest quickest means of building or altering units to your needs.

ML-92—10" spacer	—Wt. 6 oz.	Net .59 ea.
ML-93—14" spacer	—Wt. 8 oz.	Net .83 ea.
ML-94—cap	—Wt. 1 oz.	Net .10 ea.
ML-95—4" leg	—Wt. 3 oz.	Net .19 ea.

NEW! PRE-FINISHED TAPERED LEGS

- Unbreakable Hi-Impact Plastic
- Furniture Finish Molded In

Molded in high-impact plastic—a mar proof, scratch proof—virtually indestructible, pre-finished leg. Wood tone colors are molded in—no further finishing is required. Bracket permits straight or angle mounting. Auto-adjust, self leveling ferrules. Three wood-tone finishes to match most furniture colors. Set of four legs—complete with hardware.

FINISH	STOCK NO.	Ht.	SHPG. WT.	NET
Mahogany	ML-181	4"	1 1/2 lbs.	2.95
	ML-182	6"	1 3/4 lbs.	3.00
	ML-183	12"	2 1/2 lbs.	4.10
Walnut	ML-184	14"	3 1/4 lbs.	4.50
	ML-185	4"	1 1/2 lbs.	2.95
	ML-186	6"	1 3/4 lbs.	3.00
Ebony	ML-187	12"	2 1/2 lbs.	4.10
	ML-188	14"	3 1/4 lbs.	4.50
	ML-189	4"	1 1/2 lbs.	2.95
	ML-190	6"	1 3/4 lbs.	3.00
	ML-191	12"	2 1/2 lbs.	4.10
	ML-192	14"	3 1/4 lbs.	4.50

12" LAZY SUSAN BEARING

- COMPACT — INTERLOCKED UNIT
- USES 140 BALL BEARINGS
- MAKE TURNTABLES OF ALL KINDS

Unlimited versatility in making and assembling turntables and rotating fixtures of all kinds. 12" diameter ball race plus 140 precision made steel ball bearings insure maximum stability for the larger items such as T.V. sets, tables, etc. Can also be used for corner cabinet shelves—book stands—coffee tables—storage—machine stands—chairs—displays—model railroads—paint spray turntables—boat seats—picnic tables—bird feeders—hanging revolving shelves—etc. Attaches easily to first and second surface. No functional contact between races. No contact under load except on ball bearings. One unit construction—no loose parts. Only 3/8" thick—can be recessed, reducing above board space to 1/8"! Center opening allows for center post. Will give a life time of sturdy service. Shpg. wt., 2 lbs.

HD-428 Net 2.66

STOR-A-DOR RECORD RACK

- Hangs On Wall Or Door
- Stores Up to 60 Records
- Records Easily Accessible



Conveniently store your precious records in this sturdy aluminum record rack where they can be easily reached when needed, yet out of the reach of children. Rack hangs on wall or door without taking up floor space. Stores up to 60 records in their jackets, as record manufacturers recommend. Handsomely designed to fit any decor. Permits jackets to be displayed for their decorative effect. Bright aluminum finish. Dimensions: 16Wx 40Lx3 1/2"D. Shpg. wt., 3 lbs.

ML-261 Net 5.25

E-Z FOLDING SHELF BRACKETS

- Supports Heavy Weights
- Only 1 1/4" Wide When Folded

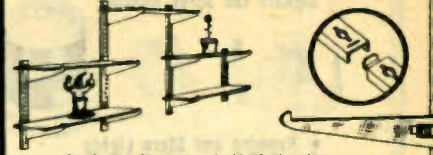
Heavy duty, compact brackets designed to make sturdy folding shelves and table tops simple to install. A pair of these brackets will support 180 lbs. on a 10" wide shelf. Automatic lever locks in position — can never come out. Shelf and wall flanges both 9" long. Shpg. wt., 2 lbs. ML-263 (Set of 2 brackets) Net 2.95

FOLDING TABLE LEG BRACKETS

- Adjustable for Leveling
- Heavy-Duty, Galvanized
- Ideal for Ping-Pong and Serving Tables

Sturdy brackets that permit you to build folding tables and benches using 1"-2" lumber, 3 1/2"-4" wide, "J" bolts make assembly simple. Leg lengths can be adjusted 3/4" —loosen wing nuts; drop leg to desired level; tighten nuts. Comes with 4-1 1/4" gliders and all necessary hardware. Shpg. wt., 3 1/2 lbs. ML-284 (Set of 4 brackets) Net 2.77

FaMa CUSTOM SHELF ACCESSORIES



- Designed for open-shelf Hi-Fi units
- Create your own Bookshelf—Wall—Units—etc.
- Go as High and as Wide as you choose

Change blank walls into the most functional and attractive areas in your home. Easily installed—adjust shelf height in seconds—create an infinite number of designs. Brackets are adjustable at 1" intervals, locking nut tightens against strip. Exclusive "Link" strip standards, 12" long, can be interlocked to make any length standard. Change and enlarge wall arrangements at any time. Slim standards are barely visible. Shelves have a airy, floating look. Satin chrome and satin brass finish. Shelves not included.

Finish	Stock No.	Shelf Width	Shpg. Wt.	Net Per Pair
SATIN CHROME	ML-193	6"	8 oz.	.75
	ML-194	8"	10 oz.	.80
	ML-195	10"	12 oz.	.95
	ML-196	12"	14 oz.	1.10
SATIN BRASS	ML-197	14"	1 lb.	1.10
	ML-198	6"	8 oz.	1.05
	ML-199	8"	10 oz.	1.15
	ML-200	10"	12 oz.	1.28
ML-201	12"	14 oz.	1.39	
	ML-202	14"	1 lb.	1.48

"Link" Strip Wall Standards. 12" long. Interlock to any desired lengths. Shpg. wt., 6oz.
ML-203 CHROME Net ea. .29
ML-204 BRASS Net ea. .32

MAGAZINE SHELF BRACKET

New, adjustable support for wall magazine rack. Adjust to four positions, up to a 45° angle. Finish Silver-tone or Satin Brass.

Finish	Stock No.	Shelf Width	Shpg. Wt.	Net Per Pair
Silver-tone	ML-205	10"	14 oz.	2.18
Satin-Brass	ML-206	12"	1 lb.	2.33
	ML-207	10"	14 oz.	2.33
	ML-208	12"	1 lb.	2.63

ROCK MAPLE Shelf Brackets

- Unlimited Decorator Arrangements
- Unyielding Cantilever Design

The easiest-quickest way to add shelves to any wall. Brackets and standards are of solid maple-steel reinforced. Will support hundreds of pounds. Unique gripping method assures slip-proof, firm hold and perfect alignment. Simple to build with no holes to drill—just screw into place. Extremely versatile—build as high or as wide as you like. Perfect for record storage—hi-fi installations—bookshelves—decorator display. Satin smooth—ready for finish.

Stock No.	Description	Shpg. Wt.	Net Per Pair
ML-141	6" bracket	3/4 lb.	.68
ML-142	8" bracket	3/4 lb.	.78
ML-143	10" bracket	1 lb.	.88
ML-144	12" bracket	1 1/2 lbs.	.98
ML-145	14" bracket	2 lbs.	1.18
ML-146	13 1/2" Standard	2 lbs.	.98
ML-147	6" Standard	8 oz.	.68

"PING PONG" FOLDING TABLE LEGS

- Set of 4 Collapsible Legs
- Extra Strong—Will Not Wobble
- Ideal For Picnic, Card, Layout Tables
- Folds Flat For Storage

A set of 4 collapsible tubular legs built for unusually rigid support. These super sturdy legs can be mounted in two ways to provide additional strength. Can be mounted to bottom of table and also to the skirt of table. 1" diameter legs can be cut to any desired length. Plastic floor gliders and mounting screws included. Length 29 1/4". Shpg. wt., 8 lbs. ML-282 Net 5.46

Selected Feature Values

LAFAYETTE BOAT-LITE KIT

Signals for Safer Boating



- Running and Stern Lights
- For All Class 'A' and Class 'I' Boats
- Easy to Install — Complete with Mounting Brackets Necessary
- Meets U.S.C.G. Requirements

Lafayette Feature Value **4.95**
Price

The new Lafayette Boat-Lite Kit is ideal for the small boat owner — meets the rigid requirements for lights on small boats as set up by the U.S. Coast Guard. The combination red and green running light has correctly shielded lens for clear visibility for over one mile. The flag-staff stern light has a unique plug-in feature for quick and easy removal — no nails, clamps or screws — just plugs in. Light is visible for 2 miles. All parts are corrosion-resistant. Kit includes mounting brackets for both running and stern lights. Mounting instructions included. Shpg. wt., 3 lbs.

F-559 Boat-Lite Kit (less battery) Net 4.95
BA-163 6-Volt Battery for above (Wt., 3¼ lbs.) Net 1.83



MARINE COMPASS

- JEWELLED MOVEMENT
- BRASS GIMBAL
- 2° GRADUATIONS

2.59

Entirely non-magnetic and corrosion resistant. Direct-reading 360° dial. All cardinal points are oversized. Compass is easily removed from gimbal for safe keeping. May be mounted as a permanent binnacle or used as a portable unit. Dimensions are 4¾x4¾x3¼". Shpg. wt., 1½ lbs.

F-386 Net 2.59

LENSATIC POCKET COMPASS



Jeweled-bearing metal scale with cardinal points in luminous paint. Twin scale, 0 to 64 and 0 to 360. Bezel rotates 360° — with 3° click stops for ease in computing. "Notch and hairline" sighting for accurate azimuth readings. Luminous reference lines on 2" diameter glass face plate. Black anodized aluminum case with brass fittings. Shpg. wt., 6 oz.

F-493 Net 2.25

MAP MEASURER & COMPASS



- Measures distances on any size map.
- Measures curved or irregular shapes.

Just trace along route on map and multiply miles — per inch factor by reading on dial. Also reads directly in inches up to 39". Built-in magnetic compass has cardinal and secondary points—full 360° markings in tenths. Accurate and dependable. Complete with leather sheath. Shpg. wt., 8 oz.

F-47 Net 1.59

CAMPER'S HAND AXE

Top quality, drop forged steel, one piece scout axe. Perfectly balanced. Re-curved, shock absorbing handle. Air-cushioned rubber grip. Fully polished head and shaft. 24 oz. weight, 13½" overall. With nail-puller. Fine steel can be sharpened to a "shaving" edge. Shpg. wt., 2 lbs.

HD-461 Net 1.95

NEW "NAUTI-LUXE" MARINE COMPASS



- Designed for Small Boats
- Free Swinging Gimbal Mount
- Full-Vue Dome Dial
- Universal Mounting

3.95

Designed and styled for small power and sail boats. Easy-reading black, Full-Vue dome with oversize, silver markings. High power magnet for fast-steady readings. Calibrated in 5° increments. Case of marine gray swings freely in a self levelling, heavily chromed, brass gimbal. Compass is easily removed from gimbal mount for safe storage. May be mounted either horizontally or vertically. Ideal auxiliary compass for larger boats. Measures 3¼x3¼" overall. Shpg. wt., 1 lb.

F-561 Net 3.95

30x, 60mm SPOTTING SCOPE



- Coated Optics
- Complete With Leather Case

16.95

Field of view is 85 feet at 1000 yds.! Both front and rear optics are coated. High relative brilliance due to 60mm objective lens. Exceptionally small and light — weighs only 2 lbs. including metal tripod! The perfect companion for shooting — hunting — viewing — naturalists — and hobbyists. Equipped with 1½" tripod and zipped leather carrying case. Shpg. wt., 3 lbs.

F-149 Net 16.95

MINIATURE IMPROVED HOIST

- SMALL ENOUGH TO FIT YOUR POCKET!
- LIFT 1000 TO 2000 POUNDS!



NEW!

The only truly miniature hoist available. Indispensable in industrial plants and workshops. Perfect for hunters—boaters—airplane owners—motorists. Made of high grade aluminum with steel axles. Pre-lubricated for life. Two lifting slings—with heavy, welded steel rings. Nylon cable supplied tests at 550 lbs.

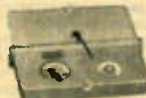
per strand. "Midget" hoist comes with 70 ft. of Nylon cable, has a 5 to 1 ratio—1000 lb. test—and weighs only 13 oz. "Tiny" hoist has 100 ft. of Nylon cable, a 7 to 1 ratio—2000 lbs. test—and weighs only 15 oz. Does all your lifting safely and easily.

HD-330 "Midget" Shpg. wt., 1½ lbs. Net 6.95
HD-331 "Tiny" Shpg. wt., 2 lbs. Net 8.95

NEW! TEKNIK® UNIVERSAL SUN DIAL

- Includes Compass and Level
- Adjustable For Latitude/Longitude Variations
- Exceptionally Accurate

1.15



Pocket-sized modernized version of the world's oldest "time piece." Perfect companion for Boy Scouts — hikers — hunters — campers — tourists — fishermen. Extra dial faces and adjustable arm allow for variations in longitude and latitude at point of use. Unusually accurate sun-time readings are possible by means of time/sun declination charts included. Sun dial, compass and level are incorporated in one solid case measuring 2¾x1½x2½". Weighs less than 2 ozs. Shpg. wt., 6 ozs.

F-627 Net 1.15

REVOLUTIONARY WEN ROTARY ELECTRIC SHAVER

The Shaver Of The Future — Here Today

List Price 19.95

Lafayette Feature Value

13.03



- Giant Shaver Head — 1½" Diameter
- Rotary Action — Absolutely Non-Irritating
- Comb-Like Slot Design For Long Hair and Trimming
- Self Sharpening Hollow Ground Cutters
- Commutator and Brush Type Motor

Quite frankly we believe this new shaver will deliver the finest shave you've ever experienced. This is the most advanced electric shaver available today — The big 1½" rotary shaving head has been designed with comb-like slots making it extremely effective on long hair and trimming sideburns. It's domed shape fits the chin contour and neck making this "hard to shave area" easy and fast. The hollow-ground, high speed rotating cutters are individually fitted, ground, balanced and precision honed to the head at a 20 degree angle. This results in close comfortable shaves without irritating, pulling, tugging or nicking. Weighing only 10 oz. the shaver fits comfortably in the palm of your hand. A brush and commutator type direct drive motion insures quiet smooth operation with long motor life. Complete with attractive case, cord and head cleaning brush. Shpg. wt., 1 lb.

AP-62 Net 13.03

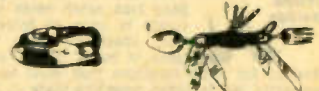
Little GIANT FIRE EXTINGUISHER

For home, garage, office, car, boat, etc. Stops all small fires in seconds. Simple to operate. The powerful fire-quenching spray is non-poisonous and will not affect the material ablaze. Never deteriorates, and never needs inspection. Refillable. Sturdy construction guaranteed for life. Shpg. wt., 1 lb.

HD-419 List 3.95 Net 2.85



CAMPER'S "KOMBO-KNIFE"



- STAINLESS STEEL Fork & Spoon
- Camping — Fishing — Picnicking — Hunting — Servicemen • 11 Blades—Leather Sheath

11 steel blades offer 12 assorted uses—spoon, fork, 3½" saw, 3¼" knife, pruning knife, scissors, can opener, bottle opener, corkscrew, screwdriver, file, scraper. Handle of tough simulated bone. When closed measures only 4¾" long. Complete with leather sheath. Shpg. wt., 1 lb.

F-555 Camper's Knife Net 1.59

FOLDING CAMPER'S SAW

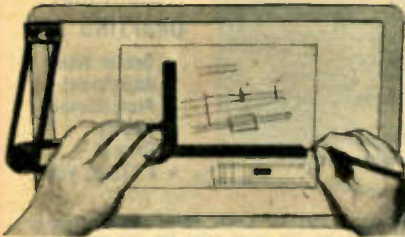


Handy, compact folding saw. Nine-inch spring steel blade folds back into polished, hardwood handle. Special snap lock keeps blade in sawing position. Ideal companion for campers, hunters, or as a gardener's pruning saw. Special shape and "set" of teeth makes sawing branches a real "snap." Overall size only 10½x2x¾". Shpg. wt., 8 oz.

HD-482 Net .98

LAFAYETTE can save you up to 50% on DRAFTING and DRAWING essentials

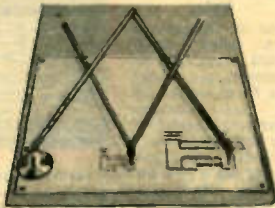
"draftette" DRAFTING MACHINE



Full 180° protractor scale, finest aircraft aluminum with black satin finish. Engraved, white filled numbers and markings are machine calibrated to ± .0005 of an inch! Folds like a jackknife... slips into drawer or briefcase, eliminates clutter of T-square, ruler protractor, triangles. Clamps to drawing board or sketch pad. Layout chassis, diagrams, sketches, design detail, surveys, etc.
F-401 Draftette with 4x6" scale. List 6.95... Net 5.56
F-402 4x6" Draftette mounted on 11x17" drawing board. List 8.50... Net 6.80

HARD MAPLE PANTOGRAPH

- ENLARGES
- REDUCES
- REPRODUCES!
- PRECISION SUSPENDED!



21" adjustable pantograph—21 different ratios from 1½ to 8. Enlarges, reduces or reproduces drawings—sketches—diagrams—pictures—maps, etc. Most rapid, accurate means of reducing or enlarging to scale. Lacquered highly finished bars are 21" long and ¾" wide. Heavy metal standard, with bearing eliminates all friction. Chrome plated hardware—ratio thumb screws and nuts. Complete with lead, accessories and detailed instructions. Shpg. wt., 2 lbs.
F-159..... Net 3.75

24 CAMEL HAIR BRUSHES

- SIZES 1 THROUGH 6
- RUSTPROOF ALUMINUM FERRULES

Imported camel hair brushes. 4 each of sizes #1 through #6. Each brush 7" long. Aluminum ferrules—rustproof and solidly anchored. Excellent for cleaning tuners, controls, precision parts. Used also for cleaning camera lenses, telescopes, binoculars, guns, etc. Perfect for water color painting—cabinet touch up—sign lettering. Useful in home, office, shop, or store.
 Shpg. wt., 8 ozs.
HD-340..... Net 5.9



2 sets (48 brushes)..... 1.00

MARKING PEN SET

- Marks any Surface
- Posters—Packages—Prices—Signs



.69
 Red, Black and Blue pens.

Felt tip pens for writing on paper, wood, metal, glass, rubber, plastic, practically any surface. Instant drying, waterproof ink. Excellent for poster work, hobby, store-keeper, stock clerk, ad man. Address packages, mark frozen foods. Permanent on painted and porous surfaces. Combination tip for fine and broad line marking. Can be refilled. Set includes one each Red, Black, and Blue pens. Shpg. wt., 8 ozs.
HD-682 (Set of 3)..... Net 69

LAFAYETTE'S "READ-EASE"

- READ WITH EASE WHILE RECLINING

4.59



Read or write or watch television while lying down—with all the vision ease of sitting upright. Ingenious, optically correct, prismatic readers give you "right-angle" vision to any object you care to view. Even bed-ridden patients can read—while lying flat—for hours without tiring. The prismatic system—working like a pair of tiny periscopes—angles your vision but adds no correction or aberration. Can even be used in conjunction with ordinary glasses. The light gathering power of the prisms actually gives a brighter image than normal. No fitting problems—prism plane is fully adjustable—locks in at angle of your choosing. The crown glass prisms are precisely aligned and ground to the closest tolerance. Specially suited for the avid reader—invalid—traveler. Shpg. wt., 6 ozs.
F-439..... Net 4.59

SUPER DIAL-A-MATIC ADDING MACHINE



- ADDS UP TO 999,999 ACCURATELY!
- SUBTRACTS AND MULTIPLIES TOO!
- AUTOMATIC CLEARING BAR!

Newest "Dial-A-Matic" adding machine. Great for daily calculation—small businesses—homework—etc. Automatic clearing bar clears all dials instantly. Polyethylene, skidproof base for convenient one hand operation. All moving parts of DuPont Nylon. With dialing stylus and instructions. Shpg. wt., 1 lb.
F-274..... Net 2.70

5-Place Dial-A-Matic: Similar to Super Dial-A-Matic but adds to 99,999. Does not have automatic clearing. Fast-accurate—fits pocket or purse. Shpg. wt., ½ lb.
F-189..... Lots of 3, ea. 1.35
 Singly, ea. 1.50



FRACTION OF AN INCH ADDING MACHINE

- ADDS AND SUBTRACTS FRACTIONS
- CORRECT ANSWERS INSTANTLY
- NO CONVERTING

This new tool permits continuous adding or subtracting of fractions, decimal equivalents, or mixed fractions and decimals. Answers are shown instantly. Only one moving part—extreme simplicity of operation. Invaluable for the shop and technical school—office—factory—mechanists—designers—draftsmen—engineers. Anyone who works with fractional measurements. Made of satin-finished aluminum—only one moving part—numbers and lines etched and filled for years of trouble free service. Complete with plastic case and instructions. Shpg. wt., ½ lb.
HD-297..... Net 2.65

SELECT-A-STAMP

- 12 in 1 Rubber Stamp

.69



The dozen most often used "mailing phrases" on a single stamp. Just turn the key to select such phrases as "Via Airmail" "Special Delivery" "For Deposit Only" "First Class Mail" etc. With vinyl case. Shpg. wt., 8 ozs.
F-573..... Net 69

NEW JET-E-RASE

ELECTRIC ERASING MACHINE

1.49

- PORTABLE—MOTOR DRIVEN!
- FINGER TIP CONTROL!
- 4 ERASERS—4 COLLETS—2 BRUSHES!



Battery operated erasing machine. Designed for convenience—ease and speed in erasing. Battery operation does away with bulky A.C. motors—trailing line cords—danger of shock. Safe enough for children to use. Entire unit—including battery—weighs only 4 oz. Fits the hand as naturally as a pen or pencil. Switch precisely located for finger-tip control. Permanently lubricated, precision bearings assure long, trouble free life. Includes four eraser cores. One soft—two medium hard—one gritty—to cover all erasing problems. Two brushes—one soft—one stiff—for clean up, and four collets that accept both the eraser cores and brushes. Easily replaceable battery is a No. 1 or "C" cell. Supplied with battery. Shpg. wt., ½ lb.
F-416..... Net 1.49

F-424 Kit of two each, erasers and brushes... Net .24

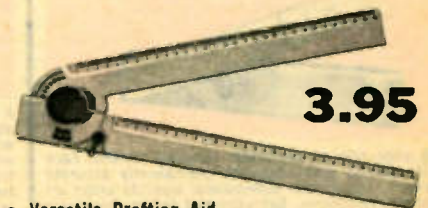
3½" STAND MAGNIFIER



- Free Use of Both Hands
- Broad, Flat Field
- Legs Fold for Compact Storage

Allows free use of both hands—ideal for close tolerance work by engravers, watchmakers, etc. The crystal-clear cross cylinder, magnifying lens rotates a full 360°. The large, colorless, 3½x1¾" lens mounts in a chromed brass stand. Legs fold for storage. Shpg. wt., ½ lb.
F-551 Folding Magnifier..... Net 3.66

NEW! "TECNO-SCALE"



3.95

- Versatile Drafting Aid

Indispensable drafting tool for artists, architects, engineers, students, mechanical draftsmen. Made of non-hygroscopic, bone-white unbreakable plastic. Full 0 to 180° scale. Calibrated in increments of 1° with 5° and 10° divisions. Both scales are 12" long divided to ¼" and ⅛ inch. Opens the full 180° arc. Simple, positive cam lock. Easily adjusted without changing position on board. Engineered for speed in use and hairline accuracy. Machine beveled edges. Shpg. wt., 1 lb.
F-572..... Net 3.95

ADJUSTABLE CURVE



Enables anyone to draw curved designs with ease. The rule is easily bent to any desired curve with the fingers. Once bent, the rule stays curved without being held. White plastic frame encloses a lead bar and a steel sheet support. Overall length is 23½". Shpg. wt., 8 oz.
F-441..... Net 1.69



LAFAYETTE'S ENGINE DIVIDED IMPORTED SLIDE RULES

- Laminated Bamboo Warp-Free Construction
- Complete With Leather Carrying Case

DELUXE LOG LOG DUPLEX DECI-TRIG SLIDE RULE

• 25 Scales with 8 Log Log Scales • Extended Range Avoids "Going Off Brand" • Extra P Scale Simplifies Computations • Two Color Scales
This brand new 10" log log duplex trig slide rule is built for the most exacting demands. Contains 25 scales in total including 8 Log Log Scales. The need for the troublesome end-for-end resetting of the slide is eliminated by the extensions of the C and D scales. Scale arrangements also allow easier calculation of problems involving the value of trigonometric functions. The twin set of Log Log scales run from 1.001 to 100,000 and .999 to .00001, thereby enlarging the scale by one scale length each compared with ordinary log log slide rules. Extra features include the P scale which enables easy computations of vector problems. Scales include LLO1, LLO2, LLO3, DF, CF, C1F, C1, C, D, LL3, LL2, and LL1, LLO0, L, K, A, B, S, ST, T, C, D, O1, P, and LLO. Complete with instruction book and saddle leather case. Overall length is 14". Shpg. wt., 1 1/2 lbs.
F-428 List 30.00

Net 15.95

10" LOG LOG DUPLEX TRIG SLIDE RULE

10" Log Log Slide Rule: Constructed of specially selected, laminated, non-hygroscopic bamboo. All scales are machine engraved on white plastic in permanently accurate calibrations. Adjusting screws permit varying the tension on the slide. 21 scales in all including the more frequently used C, D and CI scales on both sides of the rule. Evaluates trigonometric, algebraic and exponential problems. LLO and LLO0 scales refer to B scale. All other scales coordinate and refer to D scale. Scales are L, LL1, DF, CF, C1F, C1, C, D, LL3, LL2, LLO, LLO0, A, B, K, C1, C, D, S, ST and T. Scale characteristics permit multiplication, division, proportion, inverse proportion, reciprocals, cotangents, squares, square roots, cubes, cube roots, logarithms, tangents, sines, PI factor multiplication and division, powers and roots of numbers less than 1, powers and roots of numbers greater than 1, logarithms to base "e". The most often used slide rule in all basic fields of science, engineering, production and economics. Shpg. wt., 1 1/2 lbs.
F-341 LIST 25.00

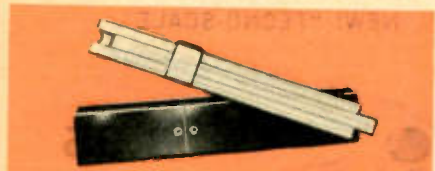
Net 10.45

5" POCKET SLIDE RULE

5" Pocket Slide Rule: Convenient pocket sized slide rule of specially selected and treated bamboo. Will not warp, shrink or lengthen under varying atmospheric conditions. A, B, C1, C, D and K scales engraved on white plastic surface. Reverse side of slide has standard S, L and T scales. The upper beveled edge of the rule is graduated in m/m to 13 cm. Other edge is divided into 5 inches by 32nds. Only 5 1/4" long over all. Carried easily in any pocket. Shpg. wt., 8 oz.
F-340 LIST 6.00

Net 2.89

8" TRIGONOMETRIC SLIDE RULE



8" trig slide rule of laminated, selected bamboo. Face of white plastic with engraved, permanently accurate calibrations. Exceptional dimensional stability under all atmospheric conditions. Satin-finished facing provides a high readability, virtually glarefree face. Scales are A, B, C1, C, D, and K on face — S, L, and T on reverse of slide. Table of formulae and equivalents is printed on metal back. C scale also has convenient conversion marks for changing degrees to radians, and for calculations involving areas of circles. Shpg. wt., 8 oz.
F-381 8" Trig Slide Rule

Net 1.95

MATHEMATICAL SYMBOLS TEMPLATE



Sturdy plastic template containing all commonly used mathematical symbols: plus and minus signs, roots, brackets, integrals, summation, infinity, the complete small letters of the Greek alphabet including etc., plus some of the Greek capital letters used in mathematical formulae, many symbols present in several sizes. Precision milled for smoothness of cut, uses .030 mathematical quality plastic. Size 6 1/4 x 2 1/2". Shpg. wt., 4 oz.
F-378 Math Symbols Template

Net 2.10

4" CIRCULAR SLIDE RULE



- Continuous Scales
- Sturdy Construction
- Equivalent to a 10" Rule

A versatile calculating instrument with compactness only obtainable in a circular slide rule. Specially constructed with special chemical resistant, 1/4" thick, plastic. It will not shrink or expand under varying climatic conditions. 12 scales to solve problems involving multiplication, division, proportions, squares, cubes, and all trigonometric functions. Special scales allow direct conversions of angles from radians to degrees. The ideal slide rule for quick calculations, may be operated with one hand. Complete with leatherette case. Shpg. wt., 4 oz.
F-382

Net 2.45

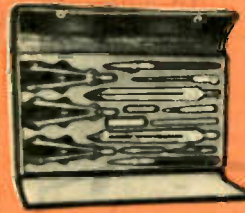
GENIAC CYLINDRICAL SLIDE RULE



The GENIAC cylindrical slide rule uses a new concept in slide rule design to achieve the graduations and accuracy of a 66 inch slide rule. This rule may be used to give answers with up to 5 digit accuracy, and quickly solve problems involving multiplication, division, roots, powers, logarithms, proportions, and percentages. Cylindrical construction features all-metal construction with plastic coated spiral scales. 1 1/4" diameter and 10" long, the rule collapses to 6", small enough to be easily carried in a pocket. Almost indestructible, cannot warp. Shpg. wt., 1 lb.
F-387 GENIAC Cylindrical Slide Rule

Net 15.95

TECHNICAL DRAFTING SET



- Center Wheel Adjustment
- Professional Quality
- German
- A \$15.00 Value

A fine set of imported nickel plated brass instruments priced far below the usual price for this quality. Contains 6 1/4" self-centering compass, one leg knuckle joint with divider, pencil, pen parts and lengthening bar; 6 1/4" self-centering divider; spring bow divider 4 1/4", center wheel adjustment with interchangeable needle points; spring bow pencil and spring bow pen, both 4 1/4" with center wheel adjustment and interchangeable needle point; two 5 3/4" ruling pens; extra handle for pen and pencil parts; adjustment tool; lead case and leads; and spare parts kit, all in velvet lined snap closing case. Shpg. wt., 1 1/2 lbs.
F-65

Net 5.95

UTILITY DRAFTING SET

- Exceptional Value



Made in Germany of hard rolled, nickel plated brass. All instruments are nested in a fitted, velvet lined case. Contains three side wheel 3 3/4" bow instruments—one a divider, one a pencil and one a pen. All have reversible needle point. 5 1/4" compass with pen and pencil parts—and lengthening bar. 5 1/4" divider with straightening device. 5" ruling pen. Extra handle for use with pen and pencil parts. Capsule with extra leads. Perfect for schools, labs, industrial or wherever precision drawing sets are used. Shpg. wt., 1 lb.
F-13

Net 2.89

8" PROPORTIONAL DIVIDER

Extremely accurate finely made proportional dividers. Basic equipment for draftsmen — architects — engineers — students. Replaceable steel points — in hard, leather covered, felt lined case. Used for proportional reductions and enlargements, copying drawings in enlarged or reduced scale, dividing lines or circles into equal parts, quick solving of difficult measuring problems, finding distances on maps without scales, etc. Flat form-replaceable steel points. Pressure setting. Graduated for lines from 3/4" to 10" — Circles from 6" to 20". Excellent, accurate utility model. Shpg. wt., 8 ozs.
F-167

Net 4.75

- IMPORTED FROM GERMANY



PROFESSIONAL GIANT BOW



- 6" Size with Center Wheel Adjustment
- Finely Balanced—Professional Type

Professional quality utility set in a fitted, velvet lined case. Made in Western Germany of nickel plated, hard-rolled brass. 6" giant bow has preferred center wheel adjustment. Makes circles from 1/4" to over 10" in diameter. Set includes 6" giant bow, interchangeable pen and pencil parts, extra needle for using bow as divider, handle for use with pen and pencil parts, lead, lead box and repair parts. Shpg. wt., 1 lb.
F-44

Net 2.95

LAFAYETTE can save you up to 50% on DRAFTING and DRAWING essentials

LETTERING GUIDE SET



Made of transparent plastic. Simple to use with either sharp pencil or ink. Each has complete alphabet, all numbers plus commonly used signs. Most letters formed with one operation. Set consists of six guides. Sizes $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, and $\frac{1}{2}$ ". Shpg. wt., $\frac{1}{2}$ lb.
F-78—Complete Set Net 5.98

INDIVIDUAL GUIDES (Shpg. wt., 4 oz.)

No.	Size	Each	No.	Size	Each
F-79	$\frac{1}{8}$ "	69c	F-82	$\frac{3}{16}$ "	1.19
F-80	$\frac{3}{16}$ "	85c	F-83	$\frac{1}{4}$ "	1.35
F-81	$\frac{1}{4}$ "	98c	F-84	$\frac{1}{2}$ "	1.65

LETTERING PEN

Reservoir type drawing pen. Designed for use with lettering guides from $\frac{1}{8}$ " to $\frac{1}{2}$ " and general applications. Shpg. wt., 3 oz. Net 1.15
F-95

49¢ SLIDE RULE



Precision made instrument of fine laminated construction. This rule has decimal equivalents, equivalents settings and a rule with both inch and metric scales. There are A, B, C, C1 and D scales on the face side and log, sine and tangent on the back. Complete with instructions. Shpg. Wt., 4 oz. Net .49
F-96

67¢ ARCHITECTS AND ENGINEERS SCALEMASTERS

Here is the triangular scale achieved in a flat scale. Eliminates searching, squinting, twisting, turning to find needed scale. Scales exposed to full view, slotted openings for convenience. Heavy laminated transparent plastic. Architects scale has 14 full view scales from $\frac{1}{4}$ " = 1 ft. to 3" = 1 ft.—including half scale and 16ths—32nd—and mm to inches. Size 12 $\frac{1}{2}$ x3 $\frac{3}{8}$ ". Saves time, prevents errors. Engineered for dependable performance. Shpg. wt. 4 ozs. Net .67
F-152—Architects Scale

Engineers Scale: Similar to above. Has 9 full divided scales. Includes 10ths, 20ths, 30ths, 40ths, 50ths, 60ths, centimeters and meters. Shpg. wt. 4 ozs. Net .67
F-153—Engineers scale

RADIO ELECTRONIC SCALE



A protractor ruler with radio and electronic symbols. Ideal circuit diagram builder for hams, students and technicians. Transparent. Shpg. Wt., 4 oz. Net .35
F-94

STYRENE TRIANGLES



Crystal clear transparent triangles with finger lifts. Double bevel in cutout allows easy pickup. Sturdy. 100 thick. Average Shpg. Wt. $\frac{1}{4}$ lb.
Size 30/60° 45/90°
Inches No. Each No. Each
6 F-71 23c F-74 30c
9 F-72 30c F-75 60c
12 F-73 60c F-76 82c



SPEEDY PRECISION DOTTER

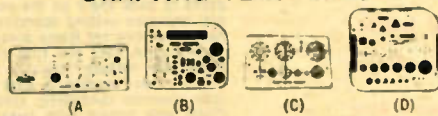
• Revolutionary Drawing Device

98¢

Interchangeable refills enable production of even dotted lines, dash and dot, or dash and two dots. Transparent plastic fully graduated in centimeters and inch in 32nds and 20ths. Size 1 $\frac{7}{8}$ x12 $\frac{1}{2}$ ". Ideal for draftsmen, architects, layout men, students, artists, etc. Supplied with dotter insert only. See below for other inserts. Shpg. Wt. 6 oz. Net .98

F-67
F-68A—Dotter Refill Shpg. Wt., 2 oz. (Any Type)
F-68B—Dot and Dash Refill Shpg. wt., 2 oz. (25c)
F-68C—2 Dots and Dash Refill Shpg. wt., 2 oz.

DRAFTING TEMPLATES



Electric Controls Template (A) Conforms to J.I.C. standards. For drawing and drafting of electrically controlled machinery. 9x3 $\frac{3}{8}$ ". F-155—Shpg. wt., 4 oz. Net 1.75

Electrical Drafting Template (B) Conforms to MIL Stds. 15 specs. Extremely useful for drawing and drafting of electrical and electronic diagrams. 6 $\frac{1}{4}$ x5". F-156—Shpg. wt., 4 oz. Net 1.80

Rotary Switch Template (C) For drafting of rotary wafer switch on schematic layout. Unlimited number of combinations. 6 $\frac{3}{4}$ x3 $\frac{3}{8}$ ". F-326—Shpg. wt., 4 oz. Net 1.75

Wiring Template (D) Conforms to MIL Stds. 15 specs. Arranged for ease in drawing. 6 $\frac{1}{2}$ x7". F-154—Shpg. wt., 4 oz. Net 1.75

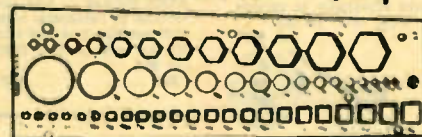
ELECTRONIC DRAFTING TEMPLATE



Exceptionally accurate! Made to J.I.C. standards for electronic symbols. All elements of electronic and CR tubes are provided for—plus tube bases for 7, 8, and 9 prong tubes. Includes latest symbols—transistors, diodes—rectifiers—plugs, etc. Covers all electronic symbols.

Size 7x5". Thickness .030. Shpg. wt., 4 ozs. Net 2.10
F-151

DRAWING AID 98¢



• Hexes • Circles • Squares

Sturdy transparent template 3 $\frac{1}{4}$ x11". Contains most useful hexagons from $\frac{1}{8}$ " to 1". Circles from $\frac{1}{16}$ " to 1" and squares from $\frac{1}{8}$ " to $\frac{1}{2}$ ". One edge beveled with 6" scale in 16ths. All openings beveled and allowance for pencil point. Series of lugs raises template from paper to permit ink drawings. Shpg. Wt. 4 oz. Net .98
F-66

35¢ CALIBRATED TRIANGLES



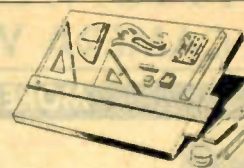
CALIBRATED TRIANGLES

Many tasks can be completed without changing instruments. Clearly marked with degrees, metric scale, inches, 10th to inch and architectural scales. Shpg. Wt. $\frac{1}{4}$ lb. Two sizes available.
F-69—6"—45/90Degree Net .35
F-70—8"—30/60 Degree Net .35

SUPER DRAWING KIT

9.00

REGULAR 15.50



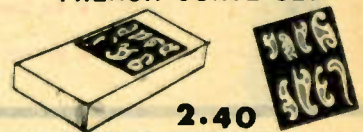
COMPARE OUR PRICE!

Lafayette has designed this set with the professional draftsman and advanced student in mind. Contains all the necessary equipment for drafting mechanical drawing—designing—engineering. Sturdy accurate components. Includes 20x24 $\frac{1}{2}$ " drawing board 24" T square, 10" 30°/60° triangle, 8" 45° triangle, french curve, 12" triangular rule, 6" 180° protractor, 4 pencils pencil pointer, erasing shield, thumb tacks, and art gum eraser. If purchased separately these components would cost many times our low price. An unbeatable value. Shpg. wt., 10 lbs. F-180

SPECIAL COMBINATION OFFER

Consists of F-65 Technical Drafting Set and F-180 Super drawing outfit. Net 13.75
F-181 Shpg. wt., 12 lbs.

FRENCH CURVE SET



2.40

Made of crystal clear plastic .090 thick. Set consists of eight French curves. Excellent for perspective, three dimensional drawing and general applications. Shpg. Wt., $\frac{1}{2}$ lb. Net 2.40
F-85

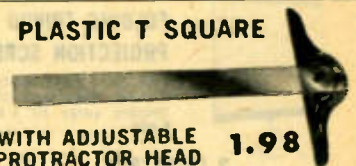
PLASTIC FOLDING PARALLEL RULES



1.98

These rules meet government specifications. Made of black vinyl with corrosion resistant metal parts. Equipped with friction pads to prevent slipping. Shpg. Wt., $\frac{1}{2}$ lb. Net 1.98
F-92—12" long
F-93—18" long Net 2.65

PLASTIC T SQUARE

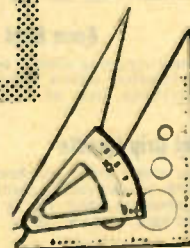


WITH ADJUSTABLE PROTRACTOR HEAD 1.98

Adjustable protractor head clearly marked to 180° easily set and fastened. Transparent arm gives clear full view of subject matter. All plastic—light weight. Adapted for ink ruling. Head fits snugly against board. Shpg. Wt., $\frac{1}{2}$ lb. Net 1.98
F-98—18" long
F-100—24" long Net 2.35

8" ADJUSTABLE TRIANGLE

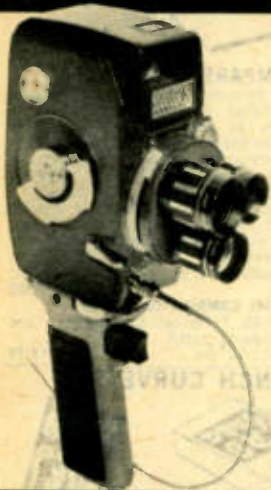
1.98



Handiest device ever! Transparent plastic. Trace any angle from 0 to 90 degrees. Inner row of graduations on arc give angle outer row give complementary angle. Has four openings for drawing circles $\frac{1}{2}$, $\frac{3}{8}$, 1 and 1 $\frac{1}{2}$ " diam. Tapered holes $\frac{1}{4}$ " apart on two sides to divide any line into equal parts by swinging angle. Useful for cross hatching, architectural stairway drawings, speeds up letter spacing. No protrusions to tear tracing paper. Shpg. Wt. 6 oz. Net 1.98
F-77

SENSATIONAL LAFAYETTE f1.9 TRIPLE TURRET 8mm MOVIE CAMERA WITH BUILT-IN ELECTRIC EXPOSURE METER

MORE CAMERA for the money than any other



- Built-in Electronic Exposure Meter
- 3 Fast Fixed Focus f1.9 Lenses
- Built-in Neutral Density and Type A Filters
- Pistol Grip with Trigger Release
- Single Frame Exposure
- "Combo-View" Finder—for normal, wide angle and Telephoto areas
- "Drop-in" Spool loading
- Built-in Exposure Guide
- Die Cast Aluminum Body
- Ratchet-spring Wind

✓ CHECK the FEATURES!

✓ CHECK the PRICE!

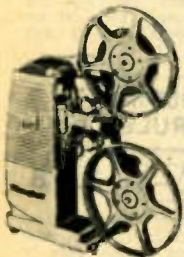
39⁵⁰

Comparable Value 87.95

Sleek - modern - versatile and priced to allow your "Move-up-to Movies." Features a built-in photo-electronic exposure meter that eliminates all guesswork—all you do is aim the camera, the meter tells you automatically what lens setting to use, and then you shoot. Choose from 3 fast f1.9 lens—normal, wide-angle or telephoto with each lens recessed in its own sun shade. There is a fixed focus on all three lens—no need for "focus-fumbling." You can instantly switch from normal to telephoto to wide angle on the positive lock turret that prevents any slipping. A single dial exposure setting operates for all three lenses. The lensatic optical viewfinder has three different frame areas—one for each lens. Four operating speeds, including slow motion, lets you film all activities. Single frame exposure for trick-effects. Slide rule footage indicator tells you exactly how much film is left in camera. Drop-in spool loading is easy and economical—impossible to reverse load. Heavy-duty governor controlled, spring wind motor in a sturdy, die cast aluminum body. Pistol grip handle with trigger release for perfect balance, one hand shooting. Shpg. wt. 4½ lbs.

F-607 Net 39.50
F-648 Holster Case for F-607, Shpg. wt. 8 oz. Net 2.95

"HOLIOAY" 500-WATT 8mm PROJECTOR



- Swing-Out Gate—Easy Loading
 - Coated ¾" f1.6 Lens!
 - High Intensity Blower Cooler!
 - 400-ft. Reel Capacity
- Show your movies sharp and clear! Swing-out gate for fast, easy loading. Scientific Marex film extends life of your film with less wear and tear. High intensity blower for cooling. Coated ¾" f1.6 lens for wide-angle viewing. Separate switches for blower and lamp. Rapid rewind and quick-tilt features for ease of operation. Lifetime lubrication with oil light bearings. All-aluminum, die-cast construction. 500-watt bulb. Lifetime guarantee. Shpg. wt. 10 lbs.
- F-526 2.00 Down Net 37.95
F-649 Carrying Case for F-526. Net 6.44
Shpg. wt. 2 lbs.

SPECIAL

MATCHED MOVIE OUTFIT

- Matched to Take Movies—Show Movies
- Unmatched in Price and Value!
- Save 8.50

Everything you need for movie-making and showing fun. No need to "shop" for unmatched equipment, no need to pay more. You get all this: Lafayette's: F-607 f1.9, Triple Turret movie camera with exposure meter; holster type camera case; "Holioay," 500-watt projector; F-536 30" x 40" screen; F-537 Bar Light; 2 F-539 photo flood lamps; 2 F-538 400' reels and cans. Unbeatable for foolproof shooting and showing of indoor and outdoor movies. Shpg. wt. 30 lbs.

F-650WX 5.00 Down Net 87.95

Low Cost Movie Accessories

FOLDING TRIPOD PROJECTION SCREEN



Fine grain glass beading for extra brilliance, excellent viewing. Heavy-duty folding tripod adjustable to various heights. Large 30" x 40" size. Shpg. wt., 10 lbs.

F-536 Net 9.75

2 LIGHT BAR

Holds still or movie cameras. Convenient grip-handle prevents light bar from turning accidentally while shooting. 6-ft. cord. (Bulbs not included.) Shpg. wt. 1½ lbs.

F-537 Net 2.50

PHOTOFLOOD BULBS. 300-watt, reflector type. Shpg. wt. 1 lb.

F-539 Net ea. .95

8mm Reel and Can



400' reel runs true without wobble or binding, for lasting satisfactory service. Can keeps film safe from dust and scratches. Shpg. wt. 14 oz.

F-538 Net .95

Pistol Grip Handle

Eliminate fuzzy pictures with a pistol grip handle. Contoured construction with pre-set rubber platform—tripod socket in base. Hammer-tone finish. Fits all standard movie cameras and light bars. Shpg. wt. 10 oz.

F-549 Net 1.88

BRAIDED WRIST STRAP



Fine quality braided leather wrist strap. Sliding safety lock. Metal clamp links strap to tripod screw. Rubber non-slip surface prevents accidental unscrewing. For movie and 35 mm. cameras. Shpg. wt. 4 ozs.

F-639 Net .79

ELEVATOR TRIPOD

- Folds to 16" including Panhead!
- Extends to 47" PLUS 7" Elevator!
- Tri-Tilt head — Moves in 3 planes!

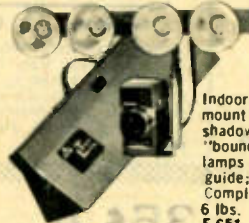
For any small camera — 35 mm — reflex — or movie. Professional quality for professional results. Strong — steady — lightweight. Pencil slim, chrome plated, brass legs. Lock securely in place — fold down readily. Single action tilt-pan — and swing over for taking pictures in vertical or horizontal format. Geared elevator centerpost with positive lock and folding crank. Weighs only 31 ozs. All the most wanted features in one tripod. Shpg. wt., 2½ lbs.

F-339 List 19.95 Net 8.99



4-LAMP MOVIE "BOUNCE" BAR LIGHT

- For all 8mm & 16mm cameras
- For color or b-&-w
- Complete with flood lamps and case



Indoor movie-making becomes simple. Trapeze camera mount keeps lamps above camera, eliminating unwanted shadows. Ideal for electric-eye models. Swirls 90° for "bounce" effects. Unique V-case accepts unit while lamps are hot—no risk of lamp breakage. Exposure guide; on-off switch. Compact, portable, lightweight. Complete with barlight, 4 lamps and case. Shpg. wt. 6 lbs.

F-651 Net 9.95

New! 8mm MOVIE EDITOR

- 400-ft. Reel Capacity
- Film Notcher, Framing and Focusing Devices
- HPI Dry Splicer

Optical glass viewing screen provides large, brilliant picture. 3:1 geared ratio rewind. Low voltage lamp with transformer. Simple drop-in loading. Die-cast metal construction. Shpg. wt., 10 lbs.

F-652 2.00 Down Net 22.50





NEW LAFAYETTE "ELECTRIK 2.8" 35MM ELECTRIC EYE CAMERA

★ Cross Coupled Shutter and Diaphragm

★ Coupled Range Finder

- Photoelectric Exposure Meter—Takes Guesswork out of Lens Adjustment!
- Automatic Parallax Correction
- 11 Shutter Speeds from 1 Sec. to 1/500!
- Bright Line Viewfinder • MX Flash Synchronization!
- Double Exposure Prevention! • Built-in Self Timer

Lafayette's new "Elektrik 2.8" offers, at a moderate price, the quality, features, and smoothness of operation of cameras costing several times more. Built to Lafayette's rigid specifications, the "Elektrik 2.8" guarantees roll after roll of magnificent color slides and razor-sharp black and whites. Perfect exposure every time is assured by the cross coupled photoelectric exposure meter: merely set desired shutter speed and ASA film speed, aim camera at subject and adjust lens aperture until light meter needle lines up with colored mark on meter scale. Now any adjustment of shutter speed will cause a corresponding adjustment of lens opening to maintain the proper speed/f-stop ratio for a particular lighting condition (lens opening may also be controlled independently). Superimposed coupled range finder with automatic parallax correction enables accurate focusing from 2.5 ft. to infinity on the fast f2.8 coated anastigmat lens. Copal SV shutter features speeds from a full second to 1/500, MX flash synchronization, and a self timer. Fast-action film advance cocks shutter, advances film, and counts exposure. Accepts 20 or 36 exposure 35mm film, color or black-and-white. Shpg. wt., 3 lbs. Use series 7 accessories.

F-655 Less Case 5.00 Down Net 54.95
 F-656 Leather Eveready Case. Shpg. wt., ½ lb. Net 4.95



54⁹⁵
 Less Case

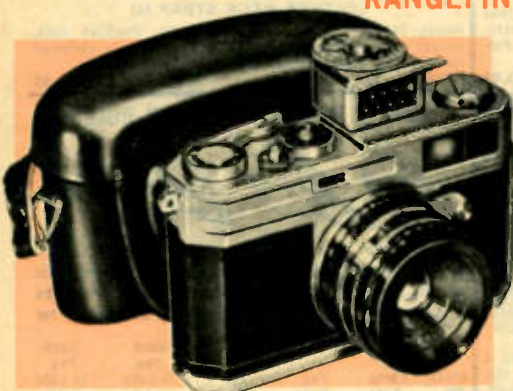
"RANGEFINDER II" — LOW COST VERSATILITY

- 4 ELEMENT F2.8 COATED LENS! • COUPLED RANGEFINDER

- ✓ BRILLIANT COMBINED VIEW-RANGE FINDER! ✓ SINGLE STROKE RAPID FILM TRANSPORT!
- ✓ NINE SHUTTER SPEEDS TO 1/300! ✓ MX SYNCHRONIZATION ✓ F2.8 45mm COATED LENS!
- ✓ HI-SPEED REWIND! ✓ STANDARD PC FLASH TERMINAL! ✓ DOUBLE EXPOSURE PREVENTION ✓ BUILT-IN SELF TIMER!

Check the features—then compare Lafayette's price with any other brand. Fast f2.8 coated anastigmat lens and extra-wide lens aperture for brilliant, sharper full color or black and white even in poor light. Sight and focus through combined range-view finder. Fully synchronized at all speeds for class M and electronic flash. Speeds from 1 sec. to 1/300th. Rapid advance sets shutter, counts exposure and transports film. Built-in delayed action timer—automatic exposure counter and film stop. Hi-speed rewind with folding lever. Standard accessory shoe. All metal body with brushed chrome trim—black leatherette covering. 20 or 36 exposures on black and white or color 35mm film. PC flash terminal. Shpg. wt., 3 lbs. Use series 6 accessories.

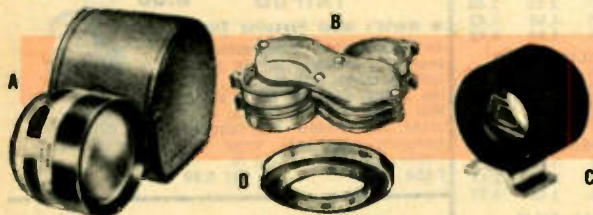
F-485 Less Case and Exposure Meter Net 29.95
 F-486 Leather Eveready Case. Shpg. wt., ½ lb. Net 3.95
 F-351 Clip-on Exposure Meter. Shpg. wt., ½ lb. Net 3.95
 Special Combination Offer: Includes camera above—Eveready case—folding BC flash gun—and clip-on exposure meter. Shpg. wt., 4 lbs. Net 38.95
 F-487 2.00 Down



29.95 Less Case
 Exposure meter illustrated not included.

AUXILIARY LENSES FOR F-485

- TELEPHOTO — TWICE AS CLOSE!
- WIDE ANGLE — 75% MORE CLOSE UP — DOWN TO 6½"!



Telephoto shots—wide angle shots or extreme close ups. Easy as 1-2-3 with the new auxiliary lenses. Each lens is hard coated for maximum light transmission. Pre-focused and color corrected. No increase in exposure setting is necessary. Bring your subject twice as close with Telephoto—add 75% more area with the Wide-Angle. Close up lens kit consists of +1, +2, and +3 Proxar lenses—allows focussing down to 6½" for amazing close-up results. Use with any color or black and white film. Auxiliaries and close-ups mount by means of adapter ring listed below. Shpg. wt. of each auxiliary lens approx. 6 ozs.

F-488—AUX. TELEPHOTO LENS (A) Net 9.90
 F-489—AUX. WIDE ANGLE LENS (B) Net 9.90
 F-294—CLOSE UP SET (B) Net 8.91
 F-647—VIEW FINDER FOR TELEPHOTO AND W-A LENS (C) Net 3.39
 F-490—Adapter ring for close up set, filters and auxiliary lenses (D) Net 1.95
 Shpg. wt., 6 ozs.

PACKAGE DEAL: One each of the auxiliary lenses, close up set, adapter, and view finder. Shpg. wt., 1½ lbs. F-491 Net 29.95

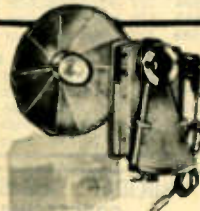
"35" CLIP-ON EXPOSURE METER



3.95

- FITS CAMERA ACCESSORY SHOE
- ASA SCALE 10 TO 1000
- MEASURES REFLECTED AND INCIDENT LIGHT

Exceptionally convenient exposure meter. Clips right on camera—quick easy reading. Gives better, more accurately exposed pictures with a minimum of effort. Speeds 1/1000 to 1 min. Lens aperture f:1 to f:22. Measures reflected and incident light. Mounts on camera or may be hand held. Complete with leather case and instructions. Shpg. wt., ½ lb. Net 3.95
 F-351—Ret. 9.00



FOLDING BC FLASH GUN

- INCLUDES BATTERY AND LEATHER CASE
- FOLDS LIKE A FAN TO 4" x 2"!
- EFFICIENT B-C OPERATION!

Efficient 4½" diameter metal reflector has pebbled finish to eliminate hot spots. B-C combination for surefire and hi voltage. Heavy molded battery case with built-in test lamp—bulb ejector—extension socket. Standard shoe with pressure adjust fits accessory clips. Uses standard bayonet base flash bulbs. Novel, useful exposure guide built in on rear of case. Complete with leather case, battery, condenser, PC cord and ASA adapter. Shpg. wt., 1 lb. Net 3.99
 F-209

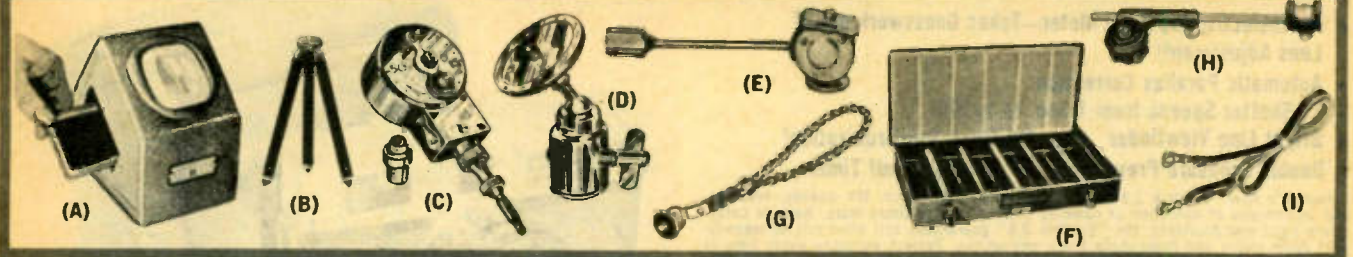
BA-117 Spare Battery for above Net 1.05

LAFAYETTE'S CAMERA EQUIPMENT IS AVAILABLE ON LAFAYETTE'S EASY PAYMENT PLAN—SEE PAGE 318



LAFAYETTE'S

LOW COST PHOTO ACCESSORIES



ELECTRIC SLIDE VIEWER (A)
 • For all size slides—from 35mm to 2 3/4 x 2 3/4.
 Versatile built in adapter centers all slides for correct magnification. Transparencies illuminated and enlarged through a fine optically ground and polished lens. Electrically operated—equipped with bulb, socket, on-off switch, 6 ft. cord and plug. All steel construction. Shpg. wt., 2 lbs.
 F-26 Net 3.75

LOW COST TRIPOD (B)
 • Lightweight - Low Cost - Sturdy!
 Five section sturdy brass tripod. Extends to 45" — telescopes down to 12 1/2". Chrome trimmed — head has tension adjust screws for each leg. Fits all tripod sockets. Positive locking action. Shpg. wt., 2 lbs.
 F-214 3.29

15 SECOND SELF-TIMER (C)
 Fits directly in the cable release of all cameras. Has special adapter for Leica-type release sockets. Plunger length adjustable to protect shutter mechanism. Automatically retracts after picture has been taken. May be set for 15 seconds or less. Shpg. wt., 4 oz.
 F-25 Net 1.98

"SPEEDLITE" Electronic Photoflash system



• 110V AC or MIDGET BATTERY PACK • FEATHER-WEIGHT • SUPER POWERED • 35 WATT SEC. OUTPUT • COLOR BALANCED LIGHT • BUILT IN DIFFUSER

(A) More power—more practical features than any other unit in its price class. Thousands of flashes from one lifetime tube—pays for itself in savings on flashbulbs—less than 1/2 cent per flash. Featherweight flash head weighs only 16 ozs. Entire unit—including battery—only 2 lbs., 4 ozs. Battery pack measures 5 1/2 x 3 1/2"—fits gadget bag or pocket. Coiled cord extends 5 ft. for off-camera or bounce flash. 15 ft. AC cord gives practically unlimited movement when operating on AC. Universal bracket fits any camera with a tripod socket. Gun also mounts on side of portable pack. Light is color balanced (6200° Kelvin) for color pictures without filters. Kodachrome guide 25-Tri-X guide 120. Recycles in 6 to 7 seconds. Speed 1/1000 sec. flash duration. "Ready" light on head indicates flash is ready to fire. Socket on head for extension or multiple flash use. For any camera having X (zero delay) synchronization. Complete with battery portable pack, 5 ft. coiled cord, shutter cord, 15 ft. A.C. cord, mounting bracket, clamp and instruction book. Shpg. wt., 4 lbs.
 F-370 2.00 Down Net 25.95
 Replacement Battery for above. Shpg. wt., 1 lb.
 BA-306 List 7.95 Net 5.56

"SPEEDLITE" ACCESSORIES
 (B) "Bio-lite." Ring type strobe flash attachment. For perfectly flat, shadowless photos. Mounts on lens for close ups. For studies in medicine, biology, botany, numismatics, philately. Same guide numbers as F-370. Fits series 6 adapter ring. Shpg. wt., 2 lbs.
 F-501 Net 17.95
 (C) "Booster" Capacitor. Fits on the bottom of F-370 Speedlite. Easy clamp on attachment. Furnishes double the normal light output. Shpg. wt., 1 1/4 lbs.
 F-502 Net 9.95

TILT-TOP (D)
 Precision made—all brass—heavily chrome plated. All-angle "Tilt-Top" fits German and American Tripods and Cameras. Positive locking action at every possible angle. Shpg. wt., 4 oz.
 F-160 Net 1.39

PANHEAD (E)
 Sturdy brass construction—high polished chrome finish. Camera retaining screw rotates—makes turning camera unnecessary. Twist of handle locks both pan and tilt. Pans 260° tilts approx. 145°. Shpg. wt., 8 oz.
 F-215 Net 1.66

35mm SLIDE FILE (F)
 Portable all steel 35mm slide file. Store 150 2x2 glass slides or 300 2x2 cardboard slides. Includes index card, and numbered strips for quick, easy identification. Finished in platinum gray enamel. Shpg. wt., 3 lbs.
 F-161 Net 1.69

CHROME "SNAKE" NECK CHAIN (G)
 Heavily chromed, super-flexible "Snake" chain, 39" long—positive, screw type catches. Holds any camera securely and ready for instant use. Shpg. wt., 4 ozs.
 F-653 Net 1.29

BOUNCE FLASH BRACKET (H)
 Particularly suited to Single-lens Reflex cameras. Permits bounce flash with any clip on Flashgun. Mounts in standard tripod socket. Adjustable length, rotating-swiveling head. Shpg. wt., 6 ozs.
 F-620 Net 1.05

LEATHER NECK STRAP (I)
 Heavy leather camera carrying strap. Positive lock, swivel joints. Adjustable to 36 inches. Heavily chromed metal parts. Shpg. wt., 4 ozs.
 F-640 Net .95

KODAK FILM WITH PROCESSING INCLUDED

• Save up to 40% off list price
 • Processing by world's largest independent film processor
 • Convenient, direct-mail mailables in every roll
 • Printing guaranteed on Kodacolor and black and white



You get factory-fresh film in its original pack, plus a convenient direct-mail mailer. After the complete roll has been filmed, put it into the mailer, drop into a mailbox and in a few days your finished films are delivered postpaid to your door. You get jumbo prints with Kodacolor and Black & White—and printing is guaranteed. Should you get less than the full number of Kodacolor or 8 Black & White printable negatives per roll, you will receive coupons for additional FREE prints. DO NOT MAIL FILM TO LAFAYETTE RADIO.

Stock No.	Description	KODACHROME COLOR MOVIE FILM		
		List Price	Net ea.	Net ea. lots of 6
F-575	8mm, 25 ft. roll, Daylight	4.60	3.55	3.40
F-576	8mm, 25 ft. roll, Indoor	4.60	3.55	3.40
F-577	8mm, 25 ft. Mag., Daylight	5.55	4.60	4.42
F-578	8mm, 25 ft. Mag., Indoor	5.55	4.60	4.42
KODACHROME 35mm COLOR SLIDE FILM				
F-580	35mm, 20 Exp. Daylight	3.80	2.98	2.85
F-581	35mm, 20 Exp. Indoor	3.80	2.98	2.85
F-582	35mm, 36 Exp. Daylight	5.75	4.38	4.20
F-583	35mm, 36 Exp. Indoor	5.75	4.38	4.20
KODACOLOR COLOR SNAPSHOTS				
F-584	127 Indoor/Outdoor	6.09	3.98	3.77
F-585	120 Indoor/Outdoor	6.09	3.98	3.77
F-586	620 Indoor/Outdoor	6.09	3.98	3.77
KODAK BLACK & WHITE ROLL FILM				
F-587	127 Verichrome Pan	2.00	1.28	1.17
F-588	120 Verichrome Pan	2.00	1.28	1.17
F-589	620 Verichrome Pan	2.00	1.28	1.17
F-590	35mm, 20 Exp., Plux X	3.40	2.32	2.24
F-591	35mm, 36 Exp., Plux X	5.20	3.45	3.35

"HOLIDAY" FILM SPECIAL INCLUDES PROCESSING & PRINTS!
 Color Slide Film: 35mm Daylight, 20 exposures. ASA rating 10.
 Color Movie Film: 8mm, 25 ft. roll. Daylight. Includes exposure dial guide. ASA rating 10.
 F-579 35mm, 20 exp., Daylight Net 2.63
 F-592 8mm, 25 ft., Daylight Net 3.15

AMPLEX PHOTOFLASH FLASH BULBS



• New PF-1 — The Ultimate in Low Cost Flash Bulbs
 • "My-T-Myte" and "Synchro Sure" Photoflash Bulbs
 • Lowest Prices — Highest Quality — Guaranteed for Performance.

Stock No.	Lamp Type	Pkg. Quan.	Per Pkg.	Each Pkg. In Lots of 3	Each Pkg. In Lots of 6
F-471	M2	12	.99	.90	.81
F-472	M2B	12	1.17	1.05	.95
F-473	PF-1	8	.49	.46	.44
F-474	SM	10	1.19	1.13	1.05
F-475	5	8	.84	.78	.74
F-476	5B	8	1.01	.96	.91
F-477	6	10	1.19	1.13	1.05
F-478	Adapter for PF-1				.15

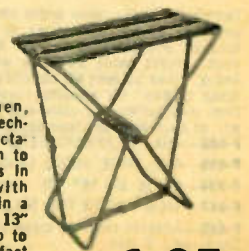
NEW! CLAMP TRIPOD 5.98

• World's Most Versatile Tripod
 An indispensable photographic accessory. Combines in one small unit, a clamp, tilt to, and table top tripod. Legs stored in shaft. Will clamp to trees, pipes, light stand, car, window, etc. Supplied complete with neck strap and zipper case. Shpg. wt., 1 lb.
 F-654 Net 5.98



PORTABLE FOLDING CHAIR

• With Vinyl Carrying Bag
 Designed for Sportsmen, Photographers, Service Technicians, Outdoorsmen, spectators. Compact, folds down to 8 1/2" x 6 1/2" x 1", it comes in a vinyl carrying bag with handle, or will easily fit in a jacket pocket. Opens to 13" high x 12 1/2" x 7". Holds up to 250 lbs. Opens and closes fast and simply. Shpg. wt., 2 lbs.
 ND-845 Net 1.95

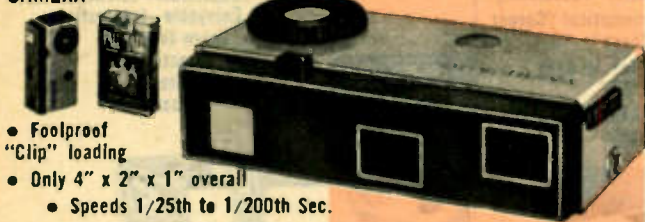


1.95

VERSATILE LAFAYETTE PHOTOGRAPHIC SPECIALTIES

Order \$20 or more and use Lafayette's Easy-Pay Plan

YASHICA Y-16 ULTRAMINIATURE CAMERA



- Foolproof "Clip" loading
- Only 4" x 2" x 1" overall
 - Speeds 1/25th to 1/200th Sec.
 - "Synched" for flash

Load and shoot in a second. Exclusive "clip-load" magazine-fast-foolproof. Permits changing from color to black and white film anytime—anyplace. Even if roll is only partially exposed—you "waste" one frame! Combined "flip-action" film advance and shutter wired for truly rapid shooting. Fixed focus f/3.5 coated lens with stops to f.16. Click stop shutter speeds from 1/25th to 1/200th plus unique "slow" setting. The "S" setting permits variable slow shutter speeds and "Time" exposures. Built-in flash terminal (PC) and "X" synchronizations. Accurate exposure counter with automatic "zero" reset. Cable release socket and tripod socket. Film clip loads 24 B&W or color shots, 10x14mm negative. Magazines may be bulk loaded with either perforated or non-perforated 16mm film. Makes full size prints. All metal body. Includes leather case and wrist strap. Shpg. wt., 1 lb.

F-528	2.00 Down	Net 27.95
Clipload Magazine: Black and White, Plux X, ASA 80. 24 exposures. Shpg. wt., 4 ozs.		
F-543		Net 1.13
Clipload Magazine: Kodachrome, daylight type, ASA 10. 24 exposures. Shpg. wt., 4 ozs.		
F-542		Net 1.35
Clipload Magazine: Empty, for bulk loading. Shpg. wt., 4 ozs.		
F-541		Net .79

NEW BOOSTER EXPOSURE METER

6.45

WITH BOOSTER

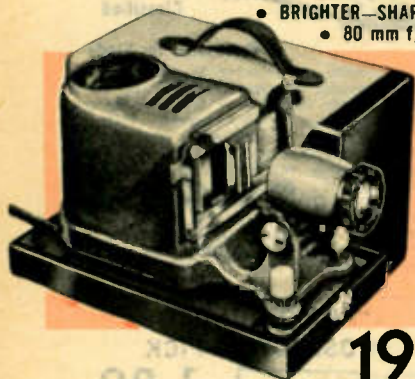
- ASA Scale—LVS Scale • Stills or Movies
 - Includes booster—Leather cases—neck cord
- Extremely versatile—extremely simple. Highly legible direct reading dial. Speeds from 4 sec. to 1/1000 sec. Lens aperture settings from f:1 to f:32. ASA scale 6 to 800. LVS scale 1 to 18. Cine scale 8, 16, 24 and 32 frames per second. Booster cell makes possible readings at extremely low light levels. Small-rugged-light-weight. Includes booster cell, leather cases, neck cord and instructions. Shpg. wt., 1 lb.



Net 6.45

NEW "mini-pro" 2" x 2" MM SLIDE PROJECTOR

- COMPACT—ONLY 8½" x 6" x 4½" OVERALL
- BRIGHTER—SHARPER—EVEN IN LIGHTED ROOMS
- 80 mm f/3.5 COATED 3 ELEMENT LENS



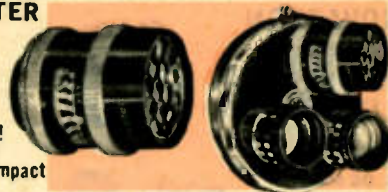
19.95

bright-sharp images—even in lighted rooms. Highly efficient double tube venturi cooling plus hardened, heat absorbing filter. Slides will not "pop" out of focus—eliminates constant refocusing. Flat field projection eliminates the usual distortion. Projection distance ranges from 3 feet to 26 feet. Fill a 40x40" screen at 10 feet. At 26 feet you get a giant 8 ft. by 15 ft. picture. Elevating knobs tilt projector to desired angle. Weighs less than 3½ lbs. Includes 150 watt projection lamp, attractive, sturdy carrying case, standard two slide carrier, six foot cord and protective lens cap. Shpg. wt., 5 lbs.

Net 19.95

NEW! CINE "X" METER

- MOUNTS ON TURRET!
- Fast! Easy! Direct Reading!
- Accurate — Versatile — Compact



Designed specifically for movie camera owners. Direct reading—nothing to remember—correct exposure shown in "f" stops. Any "turret" camera becomes a camera with "built-in" exposure meter. Just remove a lens not in use and attach the Cine "X" Meter. Aim your camera—read exposure—and shoot! Calibrated for exposure from f:1 to f:32. ASA index from 6 to 200. Eliminates "mental conversion" when using filters. Just phase filter in Cine "X" Meter for reading to use when filter is on lens. Perfect color temperature sensitivity—accurate exposures—even in poor light. Can be hand held or hung on chain. Shpg. wt., 8 ozs.

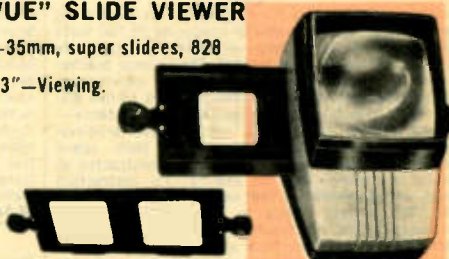
F-499

Net 7.75

NEW! "SUPER-VUE" SLIDE VIEWER

- For all 2 x 2 slides—35mm, super slides, 828
- Large Screen—3" x 3"—Viewing.
- Battery Illuminated

5.95



Extra brilliant viewing of all 2x2 slides. 35mm, Bantam (828) and super-slides. Paper, metal, plastic or glass. Highly corrected 3x3" lens allows small group viewing. May be hand-held or placed on table. Built-in "tilt" for best viewing angle. Lens system gives amazing depth to carriers provide semi automatic action. "Battery Saver" feature—lights only when slide is in viewing position. Bright—sharp images with no "cut" corners. Lightweight—sturdy—compact. Complete with 2 carriers—2 color corrected bulbs—instructions. Shpg. wt., 3½ lbs.

F-497

(Less Batteries)

Net 5.95

Net ea. .13

PORTABLE 35MM TABLE VIEWER & PROJECTOR

- HOLOS 36 SLIDES • FAST SLIDE CHANGE LEVER

Here is a lightweight and compact 35 MM viewer that compares with models selling for more than twice the price! Precision made—simple, foolproof construction. Use it as a table viewer with the self-contained 5½" square ground glass screen, or project your slides on a light-colored wall or projection screen and enjoy a 10 sq. ft. picture with the same sharp focus. Magazine holds 36 slides that change with the flick of a lever. Compact steel case with carrying handle measures only 10x7x3½" deep. Supplied complete with standard 100-watt projection bulb, F3.5 lens, projection mirror, view screen, on-off switch, line cord and instructions. For 105-115 V. AC operation.

F-276 Shpg. wt., 5 lbs.

Net 19.95



49.50
VALUE
ONLY
19.95

4.49 PAN-HEAD TRIPOD

- LIGHTWEIGHT — STURDY — LOW COST



F-295

Five section, chrome plated, brass tripod. Extends to 45" telescopes down to 12½". Weighs only 20 ozs. Tension adjust screws for each leg. Camera retaining screw on panhead rotates—makes turning camera unnecessary. Pans and tilts with a single motion. Handle is detachable. Pans 360° — tilts 145°. A "must" to take the "jiggle" out of those special shots. Shpg. wt., 2½ lbs.

Net 4.49

GENUINE LEATHER GADGET BAG

4.95



Genuine pigskin—not plastic. Full 10x8x4". Holds your camera and all accessories. 20" zipper top. Pouch in lid holds filters, etc. Outside pouch with strap and buckle. All brass hardware. Loops and straps on bottom to hold tripod. Includes shoulder strap and pad. Shpg. wt., 1 lb.

Net 4.95

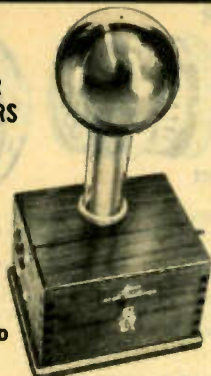
LAFAYETTE HOBBY HEADQUARTERS

FOR the SCIENCE MINDED the TECHNICALLY INCLINED

NOVATRON A SCIENTIFIC INSTRUMENT FOR THE EXPERIMENTERS

- POWERFUL, 110 VOLT AC/DC MOTOR
- MINIATURE ATOM SMASHER
- PRODUCES 75,000 VOLTS
- ABSOLUTELY SAFE

COMPLETELY WIRED
(NOT A KIT)

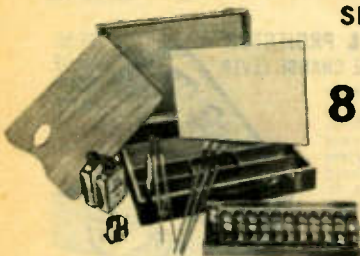


In no sense of the word a toy or gadget. This machine is a scientific instrument capable of producing 75,000 volts—makes sparks up to 2" long—yet it is absolutely safe because the current is infinitesimal. The science teacher—science lover—or hobbyist can perform experiments to astound students—friends—family. Makes smoke disappear—defy gravity—turns propellers at a distance—transforms atomic energy into light—makes artificial lightning—smashes atoms—demonstrates ionic space ship drive—and many other experiments. Constructed of the finest materials. Will do exactly—for instruction purposes—what generators that cost 3 to 10 times more will do. The perfect device to teach the secrets of atomic physics and electricity. Will hold an audience spellbound as it performs trick after amazing trick. Includes an experiment kit and illustrated experiment manual. Manual explains the "how" and "why". You will invent many new experiments of your own. A fine research tool that will give years of beneficial service to the institution or individual who owns one. 110 V. AC or DC.

F-371 Assembled—Shpg. wt., 4 lbs. Net 11.95

PROFESSIONAL STYLE OIL PAINT SET

8.44



Comes complete with—11, 2x3/4" tubes of oil paint; jumbo 3x1" tube of zinc white; 5 bristle brushes; 2 bottles linseed oil and turpentine; steel palette knife and cup; 12 1/2"x9" wood paint palette; and 12x8 7/8" mounted canvas panel. This complete set is in a sturdy 13x10" wood box. Shpg. wt., 4 1/2" lbs.
F-532 Oil Paint Set Net 8.44

COMBINATION: F-532 Paint Set & F-565 Easel
F-598 Net 10.74

WATER COLOR PAINT SET

only
2.54

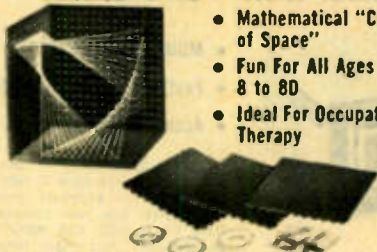


12 tubes of assorted color paint; 2 deluxe brushes; water holder; folding palette—all in a sturdy, hinged wood box. Size: 10 1/4" long, 5 1/2" deep, 1 3/4" high. Shpg. wt., 2 lbs.
F-531 Water Color Set Net 2.54

COMBINATION: F-531 Paint Set & F-565 Easel
F-597 Net 5.43

SUPER SPACE SPIDER® KIT

- Educational Device
- Creative—Fascinating
- Mathematical "Corner of Space"
- Fun For All Ages 8 to 80
- Ideal For Occupational Therapy



A dynamic new medium to bring the world of mathematics, geometry, and three dimensional space within the reach of everyone. This kit comes complete with 12 black, notched 6" square panels, to form four "corners", 12 bobbins of special elastic string. 1 instruction book, 40 black clips, blunt needles, and complete instruction manual for basic weaving designs. Space Spiders allow mathematical formulae to grow before your eyes. The perforated squares form a "corner" of space that allows three dimensional geometrical representations to be carried out simply. These features make it ideal for use in the teaching of mathematics. The possible uses of this device are limited only by one's creative ability. Recommended for—Art Education, Occupational Therapy, Craft Medium, and many others. Complete kit. Shpg. wt., 3 lbs.

AP-58 Net 5.95

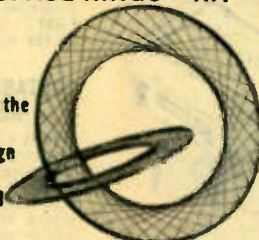
SINGLE SPACE SPIDER KIT

Similar to above in purpose, and scope, but consists of 3 perforated panels, 3 bobbins of special elastic string, instruction book, and 10 black clips and blunt needle. Makes one "corner". Shpg. wt., 1 lb.

AP-57 Net 2.95

SUPER SPACE RINGS® KIT

- Visual Tool For Student and Teacher
- A Challenge to the Imagination
- Unlimited Design Possibilities
- Teaches Spatial Geometry



This educational kit allows you to unleash your creative talents as well as to open the entire field of spatial geometry and mathematics. It is an ideal means of exciting students' interest in the beauty of geometric form. Consists of 8 specially contoured and perforated aluminum rings, 4 bobbins of metallic elastic cord and 3 bobbins (45 yards) of fluorescent elastic cord, design suggestions, mobile wire hoop (22" diameter), and an adhesive ceiling hangar. Complete kit. Shpg. wt., 1 1/2 lbs.

AP-60 Net 5.95

SINGLE SPACE RING® KIT

Similar to above in purpose and scope, but consists of 4 aluminum rings, 4 bobbins of metallic cord and 30 yards of fluorescent elastic wire hoop, and ceiling hangar. Shpg. wt., 12 oz.

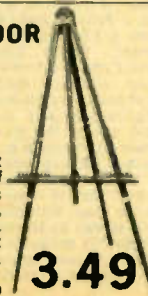
AP-59 Net 4.95

ADJUSTABLE OUTDOOR CANVAS EASEL

- For Oil and Watercolor Painting • Sliding Legs
- Sturdy Wood Construction

Adjustable easel ideal for student and amateur artist. Constructed of smooth-finished lightweight wood; brass fittings. Has 3 sliding legs, adjustable tray and canvas holder. Will hold canvas up to 40". Height closed about 28"; open about 43". Shpg. wt., 2 lbs.

F-565 Easel Net 3.49



NEW! MAGIC-GLO BLACK LIGHT KIT

- Educational—Scientific
- Enjoyable—Interesting
- Learn Invisible Detection
- Write Secret Messages



This new Black Light Kit enables you to see the invisible. Guaranteed completely safe and harmless. This kit allows children to study the phenomena of fluorescence and phosphorescence. Set contains black light, socket and cord, laboratory lamp stand, 4 jars of fluorescent paints, invisible ink, invisible crayon, tracer powder, 3 fluorescent mineral specimens, phosphorogram, optical bleach, brushes and pen, and a box of fluorescent specimens. Enables the student to perform endless numbers of fascinating experiments. The amply illustrated 48 page booklet "The Story of Black Light—The Unseen World Around Us," explains the use of black light in fields such as mineralogy, electronics, crime detection, medicine, stamp collecting, and many others. Shpg. wt., 4 lbs.

AP-61 Net 11.95

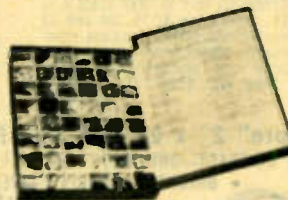
GLO-FLUORESCENT SPRAY PAINT

Gives NEON effect under black light. Makes any white surface up to 4 times brighter. 16 oz. spray cans, non-clogging heads. Shpg. wt., 1 1/2 lbs.

Stock No.	Color	Stock No.	Color
P-387	Red-Orange	P-390	Lemon-Yellow
P-388	Yellow-Orange	P-391	Cerise
P-389	Sunset Gold	P-392	Green

Net, ea. 1.82

MINERAL "TEKNIKIT"®



- 48 Carefully Selected Specimens
- Named—Tagged—and Classified

• Removable for Study

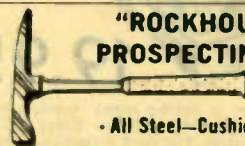
Forty-eight specimens—pre-selected to illustrate such physical characteristics as cleavage, hardness, color, luster, specific gravity, crystal form, etc. Contains specimens of ore—organics—fossils—elements—Plutonics—oxides—volcanics—hypabyssals—effusives crystals—common and uncommon minerals. An aid in the study of mineralogy, petrology, structural geology, physiography, economic geology. Each specimen is tagged and removable from its compartment. Each compartment is correspondingly tagged and named. All are named as well as classified. An excellent introduction to rock and mineral identification. Handy reference for the advanced "rock hound." Shpg. wt., 1 lb.

F-566 Net 2.95

"ROCKHOUNDS" PROSPECTING PICK

1.89

- All Steel—Cushion grip



Forged steel—one piece prospecting hammer. Rubber covered, cushion grip handle. Non-slip 3 oz. hefty, rugged prospectors prime tool. 100% drop-forged steel. Shpg. wt., 3 lbs.

HD-726 Net 1.89

TECHNOLOGICAL AND SCIENTIFIC WEATHER INSTRUMENTS



**"WINDICATOR"
ANEMOMETER**

- Wind Direction and Velocity Indicator
- Direction and Velocity on One Dial
- Indicates Velocity from 0 to 100 m.p.h.
- New "Gyro" Design
- Starting Speed: 5 m.p.h.
- Accuracy for Speed $\pm 5\%$

Registers wind velocity and direction on a single dial. Completely self contained—no outside power source is required. A precision velocity/direction system designed to fill the needs of serious weather students, pilots, colleges, broadcast stations, marinas, airports, farms, testing labs, drilling rigs, forestry stations, yacht clubs, motels as well as private homes and executive offices. The transmitter assembly may be mounted on any suitable elevated position. Utilizes any 1/4" O.D. pipe or mast. Indicating unit can be wall mounted or set on a desk, table, mantle or shelf. The indicator is housed in a handsome wooden cabinet, 5 1/2" x 2 1/2" x 7 7/8", finished in black and gold. Highly legible dial face 4 1/2" x 3 1/2". Two scales for speed, 0 to 25 m.p.h. and 0 to 100 m.p.h. plus third scale for direction. Outdoor parts of aluminum and specially coated and treated steel for maximum corrosion resistance. Self contained battery—no drain except when reading wind direction. Simple installation—similar to TV antenna installation. New "Gyro" design for maximum stability and minimum wind loading. Complete with 60 ft. of 5 conductor, color coded cable, 1 1/2 volt battery and instructions. Shpg. wt., 15 lbs.

F-507WX 2.00 Down Net 48.95

"WINDICATOR" MOUNTING KIT

- Guyless Universal Mounting Assembly

Consists of mini-tower for mounting on any peaked or flat roof or surface. 5 ft., 18 gauge, 1 1/4" O.D. aluminum mast. Special, hardened screw-nails for rigid fastening. Self sealing, adjustable feet. Five standoff insulators. Set up height 9 ft.

AM-20W Shpg. wt., 8 1/2 lbs. Net 17.17

Wire for extended runs, 5 cond., color coded.
WR-121 Shpg. wt., 2 1/2 lbs. Net, per 100 ft. 4.70

ABNEY CLINOMETER LEVEL



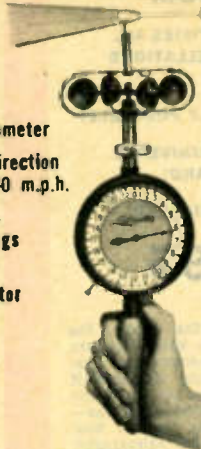
The Abney topographic level enables the user to determine ground elevation—measures degrees of slope or inclination—run a level line—etc. Permits preliminary surveying with little or no experience. Fine prismatic system. Arc scale is divided into 60 degrees both sides of zero. Vernier scale reads 1 to 10 minutes. Arc swings from 0 to 90 degrees. Particularly useful in laying out drains—retaining walls and fences—driveways—fields—etc. Includes feather case and strap. Shpg. wt., 3 lbs.

F-138 Net 7.75

PORTABLE WINDICATOR

- Hand Held Anemometer
- Indicates wind direction and velocity to 50 m.p.h.
- Easy to operate—30 second readings
- Simple—foolproof—direction indicator

27⁹⁵



A completely self contained instrument that registers wind velocity up to 50 m.p.h. and wind direction by means of an integral compass and accurate vane. Requires only 30 seconds exposure for accurate readout. Immediately resettable. Designed specifically for boat owners, marinas, pilots, airports and small weather stations. Indispensable for sports events such as skiing, sailing regattas and shooting meets. Lightweight and rugged, contoured handle for ease of holding. The handle may be removed and the entire unit mounted on a standard camera tripod. This feature permits untended, continuous wind direction indications. Easily read, 3 3/4" white dial face with black numerals and red indicator. Heavily chromed and enameled to resist the elements. Overall height 15", including handle. Shpg. wt., 2 lbs.

F-623 2.00 Down Net 27.95



**STEREO
RELIEF**

GLOBE

13⁹⁵

YOU CAN FEEL THE MOUNTAINS on this beautiful 12-in. globe. More realistic because it is in actual 3-dimensional raised relief. More educational because youngsters can see the fascinating contrasts that create climates, affect populations, boundaries, transportation, the location of great cities. Ocean coloring shows at a glance the flow and direction of currents. Base in handsome sculptured design is genuine American walnut with rich gunstock finish. Globe revolves at a touch, swings up or down with just a twist of the knob. Ht. 15". Shpg. wt., 7 lbs.

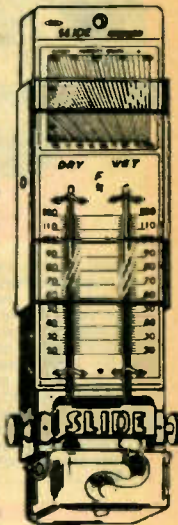
F-663 Net 13.95

HUMIDICATOR—"SLIDE RULE" HYGROMETER

- Slide Rule Readings
- No Computing — No Conversion
- Exceptional Ease and Accuracy

The most recent innovation in weather instruments. Fastest—easiest method of determining relative humidity. With the cursor (slide) set on the temperature, the relating humidity is read directly off the humidity indicator graph. Does away completely with tables, charts and time consuming calculations. The "sliderule" calculator correlates wet and dry bulb readings and "calls-out" percent of relative humidity. The "Humidicator" graph is calibrated in increments of 2%. Lesser figures may be readily estimated. Both thermometers are calibrated in increments of 2° from 20°F. to 120°F. Background colors chosen for easy readability and instant reference to "Humidicator" graph. Specially treated gauge for wet thermometer has increased "wetting" capacity. Overall size, including cistern, is 13 1/2" x 3 3/4". All mounted on a mahogany board with provision for hanging. Shpg. wt., 1 lb.

F-496 Net 4.95



INDOOR-OUTDOOR THERMOMETER

Tell inside and outside temperature— instantly — from the comfort of your room. Inside location—ideal for quick-easy reading. Dual tubes single scale for instant, visual comparison. Plastic case with modern tapered lines. 8" x 2 1/2" x 48" long copper capillary tube and bulb. Large scale numeral for ease of reading. No moving parts to become worn. Shpg. wt., 1 lb.

F-321 Net 2.29



MAXIMUM-MINIMUM THERMOMETER



For weather enthusiasts-gardeners-farmers, etc. Gives three readings at a glance — maximum, minimum and present temperatures. Self-registering — no knobs magnets — or push buttons needed for reset. Magnifying lens case for ease of reading. Maintains automatic check on temperature variations. Makes you the local weather expert. Shpg. wt., 1 lb.

F-372 List 6.95 Net 4.70

RAIN GAUGE



Farmers, gardeners, weather hobbyists. All need this sturdy, molded plastic rain gauge, precision manufactured to give accurate rainfall records. Unique "chisel" shape permits recording of minute quantities of precipitation. Exclusive easily-operated Cumulative Rainfall Indicator. The gauge has large numerals on an easy-to-read scale graduated up to 5 1/2 inches. Scales in black numerals on transparent shell with opaque back for easy readability. With complete instructions for mounting and use, to obtain weather-station accuracy to 1/10th of an inch. Overall length 10 3/4", width 2 1/2". Shpg. wt., 8 ozs.

F-494 Net 15.99

LAFAYETTE SPECIAL SELECTIONS

SCIENCE TECHNOLOGY

ASTROGRAPHIC PLANETARIUM



- LOCATES AND IDENTIFIES ALL IMPORTANT CONSTELLATIONS IN OUR LATITUDES!
- COMPLETELY PORTABLE!
- HOLD THE UNIVERSE IN YOUR HAND!
- SELF ILLUMINATED!

9.95

Based on the centuries old principle of the Astrographic Star Finder. The Astrographic Portable Planetarium simplifies the study of the basic elements of astronomy. Indoors—it teaches the names, locations, appearance and relative positions of all the major constellations in our latitudes. Outdoors—it becomes a "star-finder" without peer. Locates and identifies all the major constellations—stars from the 1st to 5th magnitude—clusters—nebulae—Milky Way. Observable from 30° to 40°N. Latitude. Adjusts for any hour of any day of any month. The "Sky"—as viewed through the Astrographic Planetarium—includes the mythical constellation configurations. Properly placed and named and precisely executed in all their intricacy and beauty. Superimposed celestial equator and ecliptic—Month/Day and Hour Dial—cardinal compass points for viewing direction—"soft-lite" bulb. Includes batteries and instructions. Shpg. wt., 1½ lbs.

Net 9.95

LAFAYETTE BINOCULARS

LOWEST PRICES • HIGHEST QUALITY



17.95

**7X 35
CENTER
FOCUS**



Precise design — quality material — and expert workmanship. All lenses are hard coated — prisms clamped in lightweight alloy frame and body — sealed against dust and moisture — properly collimated and aligned. All are center focus with adjustable right eyepiece. Hard leather case and neckstraps included.

7X35 Popular, versatile, all purpose binoculars. For the sportsmen—hunter—bird watcher—vacationer. High luminosity. Compact design. Shpg. wt., 3 lbs. **F-183** Net 17.95

7X35 Wide Angle. Top performance—highest quality. Almost twice the field of view of ordinary 7x35 binoculars. Spots and holds a moving target faster and easier. Oversize oculars and prisms. Shpg. wt., 3½ lbs. **F-184** 2.00 Down Net 27.50

7X50 Navy style night glasses. Favored for marine use. The choice of professionals because of exceptionally high light gathering power. Superior image brightness. Shpg. wt., 3½ lbs. **F-164** 2.00 Down Net 21.95

20X50 King of the long range. Hunters, mountain climbers, plane spotters, forest rangers—any long distance viewing and observation requirement. Shpg. wt., 4½ lbs. **F-185** 2.00 Down Net 27.50

Add 10% Fed. Tax to the above prices.

LAFAYETTE 14" TRANSPARENT CELESTIAL GLOBE

Basic Aid for Students
and Teachers of Astronomy

- NAVIGATORS
- AERONAUTICS
- ASTRONAUTICS
- Adjustable Satellite Orbits
- Satellites Travel around Earth Automatically
- Adjustable Sun and Moon
- Adjustable Lunar orbital inclination
- 80 Constellations—including all stars of 1st, 2nd, 3rd and 4th Magnitude
- Similar devices used by the Navy—Air Force—and Marines



The Lafayette celestial sphere may be defined as a sphere of infinite radius with its center located at the center of the earth. This system of geocentric coordinates will illustrate the true geographic zeniths of the sun and stars at any time of any day. All systems of astronomical spherical coordinates, such as the equatorial, galactic, ecliptic, etc., which are based on the celestial sphere, rotate with the sphere. The apparent contra-rotation of the stars, actually due to the earth rotating about an axis is clearly demonstrated. The sphere will illustrate how the sky will appear at any hour—on any date—from any point on earth. With it you can tell time by the stars—learn to tell time by the sky—clearly illustrate and help solve navigational problems. Traces the orbits of man made satellites and finds their overhead positions. Serves as a superb star chart. Sun and moon positioned by external controls. Artificial satellites automatically circle around the terrestrial globe. The various stars, constellations and their identifications are permanently molded—not printed—on the celestial sphere. The celestial globe is 14" in diameter with the terrestrial globe centered within. Equipped with horizon ring—time ring—fixed meridian ring—swinging meridian ring—sun and moon pointers—fixed ecliptic—detachable "planet" indications—universal base—and complete instructions. Shpg. wt., 15 lbs. **F-400WX** 2.00 Down Net 39.50

VIEWFINDER 'SCOPES



These are the same fine viewfinders used on Lafayette's refractor telescopes. All have coated, achromatic objectives and eyepieces. Equipped with mounting brackets, and centering screws for collimation.

30 mm (1.2"), 6X: Duraluminum tube finished in white enamel. Draw tube focusing. Eyepiece is interchangeable, 24mm (.97") O.D. Single mounting bracket, as shown with the Polaris, **F-342**. Shpg. wt., 2 lbs. **F-629** Net 6.95

32 mm (1.6"), 25X: Air spaced objective, 500 mm focal lengths. Dual mounting brackets, as shown on the Arcturus, **F-385**. Suitable for use as a small celestial and/or terrestrial telescope. Duraluminum tube, finished in white enamel. Standard rack and pinion focusing. Chrome plated brass draw tube. 20 mm eyepiece supplied can be interchanged with eyepieces of other focal lengths. Shpg. wt., 8 lbs. **F-628** Net 17.95

ACCESSORY EYEPIECES



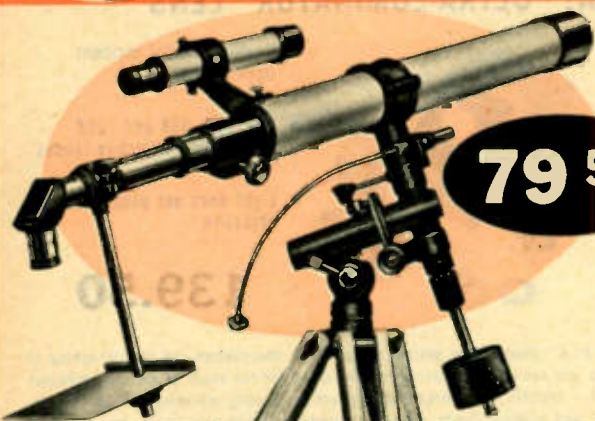
- Highly Corrected
- Hard Coated
- 24.5 mm O.D.
- Finest Quality

Manufactured to extremely close tolerances by one of world's leading manufacturer's of optical accessories. These oculars allow you to obtain maximum performance from your refractor or reflector. You can determine the magnification possible by dividing the focal length of the eyepiece into the focal length of the telescope objective lens. All are hard coated. The 24.5 mm O.D., (.97") fits most telescopes currently available.

Stock #	Description	Net, ea.	Stock #	Description	Net, ea.
F-391	4mm Orthoscopic	8.95	F-396	26-32mm Combination Kellner-Achromatic Huygenian	9.45
F-392	6mm Huygenian-Mittenzwey	5.45	F-397	22mm Kellner	7.95
F-393	9mm Huygenian-Mittenzwey	5.45	F-398	Sunglass—for above oculars	1.25
F-394	12.5mm Huygenian-Mittenzwey	5.45	F-399	Moonglass—for above oculars	1.25
F-395	20mm Huygens	5.75			



LAFAYETTE TELESCOPES for SCIENCE and TECHNOLOGY



79 50

Polaris 2.4" EQUATORIAL REFRACTOR • 320x with Barlow Lens

- Eyepieces for 160x, 88x, 40x, Barlow Lens gives 320x, 176x, 80x
- 800 mm. focal length
- 62-mm. objective
- Micromotion adjustments on both axes
- Coated optics throughout
- Equatorial mount

The unusual value of the Polaris is recognizable in the following specifications. Objective: Fraunhofer-type achromat, hard coated, 62.5-mm., 800-mm. focal length. Collects about 75 times as much light as the naked eye, resolving power 2 seconds, faintest discernible star 10.7 magnitude. All eyepieces are hard-coated Huygenians. Eyepieces included: 160x (5-mm), 88x (9-mm), 40x (20-mm). Barlow Lens included give ranges of 320x, 176x and 80x. Finder scope is 6x, 30-mm. Equatorial mount with slow-motion controls in right ascension and declination. Tripod head with latitude adjustment. Clamp lever for declination and inclination. Accessories include sunglasses, star diagonal, erecting prism, sun projection screen, field tripod, and wooden case. Rack-and-pinion focusing. Heavy plating used throughout to prevent rusting. Shpg. wt., 30 lbs.

F-342WX 5.00 Down Net 79.50
F-391 4-mm. orthoscopic eyepiece for 200x (400x with Barlow Lens) Net 8.95

Galactic RESEARCH QUALITY 3" EQUATORIAL REFRACTOR 454x with Barlow Lens

- Viewfinder Scope 25x, 42-mm
- 910 mm Focal Length
- 76.2 mm Clear Aperture
- Micromotion Controls for Declination and Right Ascension
- Resolving Power 1.6
- Barlow Lens Included

Truly superior quality-advanced design-optically and mechanically suitable for serious research. The objective lens is a 79-mm, hard coated, air spaced Fraunhofer achromat with a clear aperture of 76.2 mm (3"). Focal length 910 mm, focal ratio f/12, resolving power 1.6". Seven coated eyepieces provide magnifications of 227x, 152x, 101x, 73x, 45x, 35x plus 25x through the viewfinder. Barlow lens add ranges of 454x, 304x, 202x, 146x, 90x, 70x and 50x. Focusing by means of micro-precise rack and pinion drive. The viewfinder scope has a 42-mm (1.6 in. clear aperture) objective—500-mm focal length-rack and pinion focusing—and will accommodate various eyepieces. The equatorial mount is oversized—insuring stability and smooth action. Finely calibrated hour and declination circles for rapid finding and setting. Micro-motion and rapid motion controls are provided for both declination and right ascension. Micro-motion controls are fitted with flexible shafts and oversized knobs for ease of positioning while viewing. Body tube of white enameled aluminum for maximum strength with minimum weight. Accessories include three sunglasses, moonglass, two star diagonals, sun diagonal, erecting prism, sun projecting screen, extensible field tripod, chain brace, accessory shelf and wooden cabinet. Shpg. wt., 60 lbs. VIA EXPRESS ONLY.

F-384WX 5.00 Down Net 189.00



189 00

Only 5.00 Down

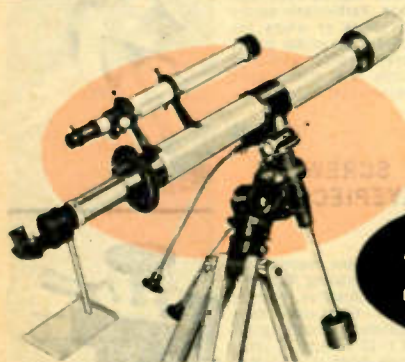
REGULAR VALUE 300.00

Arcturus 3" EQUATORIAL REFRACTOR • 454x with Barlow Lens

- Ultra Precise Helicoid Focusing
- 7 Coated Eyepieces Plus Barlow Lens
- 76.2 mm Clear Aperture
- Mast Advanced Equatorial Mount
- 25x, 42 mm Finder Scope

The finest 3" refractor-true research quality-within the price range of the serious amateur. Incorporating a 79-mm hard coated, air-spaced Fraunhofer achromat of 910-mm focal length with a full 3" clear aperture, focal ratio of f/12 and resolving power of 1.6". Seven coated eyepieces provide magnifications of 227x, 152x, 101x, 73x, 35x, 18x and 25x through the viewfinder. Helicoid focusing—the finest available—by means of a massive wheel and ultra-fine helical gear. Finder Scope, with rack and pinion focusing, features a 1.6 inch clear aperture objective of 500-mm focal length. Provides for interchangeable eyepieces. Equatorial mount of massive construction and advanced design. Incorporates finely calibrated hour and declination circles. Micro-motion controls with extended flexible shafts and compression locks in all axes. Accessories include three sunglasses, moonglass, sun diagonal, two star diagonals, sun projection screen, erecting prism, heavy extensible field tripod, brace, accessory shelf, separate wooden cases for telescope and mount. Shpg. wt., 100 lbs. VIA EXPRESS ONLY.

F-385WX 10.00 Down Net 269.50



269 50



STAR SPECTROSCOPE WITH 3 EYEPIECES

- Observe the spectra of stars of magnitudes — 1 to 3
- Identify Fraunhofer lines from C to c
- Drawtube focus arrangement
- Fits threads of 25.4 mm O.D. and 24.5 mm O.D. eyepieces

The Star Spectroscope (Amici-prism type) is excellent for visual observations of the spectra of bright stars, comets, and novae. The spectroscope consists of a 5-piece prism assembly, threaded ocular tube adaptor and 3 cylindrical-lens eyepieces. These widen the star spectrum for easier recognition of details. Use this direct-vision spectroscope on medium-size telescopes to observe stars as faint as magnitude 3. The dispersion angle between the Fraunhofer C line (wave length 6600 angstroms) and the G line (4300 angstroms) is 9°. The resolution is enough to separate the yellow D lines of sodium. Body is made of black-coated brass. Fits Lafayette telescopes F-342, F-384 and F-385. All in plush-lined case. Shpg. wt., 8 oz. F-569 2.00 Down Net 29.95



4.95

ACHROMATIC BARLOW LENS

- Makes Any Good Telescope Better!
- Doubles Your Telescope's Power!
- Provides Greater Eye Relief!
- Improves Definition!
- Greater Illumination—Wider Field!

The Barlow Lens is a negative (diverging) lens which can increase the range of magnification of any given set of eyepieces. Greater eye relief is provided—even on short focal length eyepieces. Sharpens definition and reduces image deterioration by permitting use of low-power eyepieces to achieve high magnification. This also provides for greater illumination and a wider field. By increasing the effective focal length of the objective—and reducing its relative aperture—it greatly reduces aberrations present in poorly corrected eyepieces. Lafayette's Barlow lens will make any good telescope perform like a much larger one. Fits all Lafayette telescopes except F-330 Explorer. Accepts eyepieces of 24.5 mm (.97") O.D. and fits draw tubes of that size. Shpg. wt., 1 lb. F-423 Net 4.95

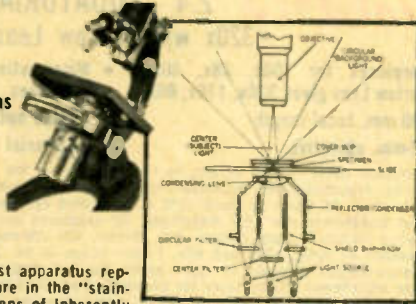
NEW! "COLCON"—COLOR CONTRAST MICROSCOPY APPARATUS

- Dyes LIVING Specimens Optically
- 36 Levels of Light Intensity

99.50

The "Colcon" color contrast apparatus represents a complete departure in the "staining" of specimens. Specimens of inherently low contrast can be "dyed" optically while maintaining striking contrast to the field background. The "Colcon" will also provide "Bright Field" illumination by means of critical (parallel) light, "Monochromatic Bright Field" illumination by the use of its special, long focus (N.A.O.8) reflecting condenser. "Inclined" (high resolution) illumination by means of offset filter, extremely stable and exceptionally versatile illumination for photo microscopy. The "Colcon" is suitable for use with any standard, Society size microscope. The "Colcon" and the microscope then become one versatile functional unit, in perfect, mutual alignment. The "Colcon" consists of the color contrast substage apparatus and a variable transformer power supply. The substage apparatus is composed of a long focal length (N.A.O.8) reflector/condenser of unique design, two separately adjustable revolving turrets containing eight colored filters, concentric light source containing seven lensatic bulbs and removable covers. The lower (axial light) turret contains four filters of daylight, blue, green and violet colors. The upper (background light) turret contains four filters of red, yellow, green and violet. Each light source is independently variable from "off" through six positions of intensity. The variable transformer power supply contains the individual switches and controls. Uses 110V A.C. at 24 watts and delivers 4 to 12V A.C. at 2 amps. Supplied complete with power cords, spare bulbs and wooden storage cabinet. Shpg. wt., 10 lbs.

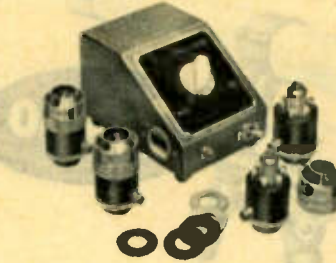
F-615 5.00 Down Net 99.50



NEW! "ULTRA-LUMINATOR" LENS

- Unique Vertical incident light system
- 12X, 24X, 48X and 120X Illuminating objective lenses
- Light does not pass through objective

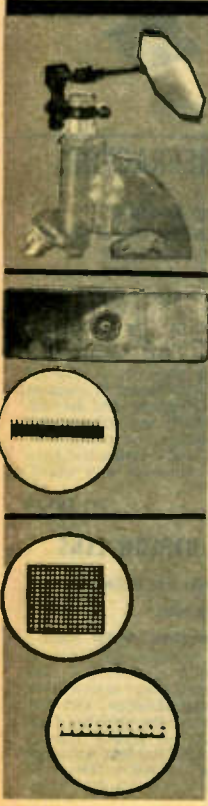
139.50



A "vertical" illumination system designed for observation and photographing of opaque and semi-opaque specimens. Designed for the study of metals—minerals—oils—textiles—chemicals and ceramics. Equally advantageous in the biological and medical fields observing plankton, living specimens, tissues, dust and smog. The objective assembly consists of a circular array of 6 lensatic miniature lamps, a specifically designed lens system and a conical reflector tube. A prime advantage in this system is that the light does not pass through the objective lens. This prevents "scattering" and reflections from the lens surfaces and maintains a higher degree of contrast in the image. The power source is a compact, variable transformer affording a broad range of light intensity. The "Ultra-Luminator" objectives will fit the turret of any standard, Society size microscope. Supplied complete with 4" Ultra-Luminator objectives, 12X, 24X, 48X and 120X (oil immersion) 5 filters, red, yellow, green, blue and frosted (diffusion), 6 spare bulbs, variable transformer for 115 volt, 60 cycle, AC., cords and instructions. Shpg. wt., 6½ lbs.

F-614 5.00 Down Net 139.50

F-657 Polarizing Filter Set 5.95



ABBE DRAWING APPARATUS

- MICRO-CAMERA LUCIDA • HIGH OPTICAL QUALITY • EXCEPTIONAL CONVENIENCES

The Abbe type drawing apparatus can be used with any microscope having a body tube diameter of 24 mm (society size). Permits "tracing" of subject as seen in the microfield by superimposing the image on a drawing plane. High optical quality of the prism and lateral reflecting mirror gives a "projected" image of extreme brightness and clarity. Free of distortion. Calibrated, dove tailed, adjusting slide. Complete with light and dark filters and fitted wooden case. Shpg. wt., 1½ lbs.

F-453 Net 15.95

MICROSCOPE STAGE MICROMETER

- GRADUATED TO 1/100 MM

Measures microscope field sizes—used for calibrating and standardizing micrometer eyepieces. Fine polished glass slide, 75 mm x 25 mm, has a 1.0 mm scale with 100 graduations (0.01 mm) ruled directly on it. Each fifth and tenth calibration is a larger line to aid in measurement. The lines are stained black and protected by a cover glass. Complete in hinged case. Shpg. wt., 6ozs.

F-448 Net 3.95

OCULAR MICROMETER RETICLES

Convert your microscope into a precise, "quantitative" measuring instrument. Use these reticles to measure with extreme accuracy the length of, or the area occupied by, the smallest micro-sized specimens. Excellent for measuring dispersion and distribution of microscopic life in their media. Reticles mount in the ocular of the microscope; yield perfectly clear field. Made of the finest type of engraving on optically flat glass discs which may be easily cleaned before installation. Each disc comes in a plastic case. Reticle Diam.—19 mm.

F-363—10mm—100 divisions Linear Scale Net 1.95

F-364—5mm—100 divisions Linear Scale Net 1.95

F-365—10x10mm—400 squares—0.25mm² Min. Net 1.95

F-366—5x5mm—100 squares—0.25mm² Min. Net 1.95

DUPLEX EYEPIECE ADAPTOR

- SIMULTANEOUS DUAL OBSERVATION

Practical, comfortable viewing of the microscope field by two observers. Exceptional optical quality provides equally clear, undistorted views to either tube. No variation is created in focusing methods. May be used with eyepieces of equal or varying power. Particularly suited to classroom "student-instruction" work or where too few microscopes are available. Provides for ocular power variation without removing eyepiece. Permits "consultation" viewing. Fits standard Society size microscopes and accepts standard (23mm) eyepieces. Shpg. wt., 12 ozs.

F-616 Net 10.95

"MICRO-FILAR" SCREW MICROMETER EYEPIECE

- MAKES 1 MICRON (0.001MM) MEASUREMENTS

Precisely constructed micrometric eyepiece required for extremely precise measurements. 10X focusing Ramsden eyepiece. When used with a 100X (oil) objective, permits measurements of 0.001mm (1 micron). Fixed scale, 8mm long, with 1.0mm numbered graduations. Movable glass slide engraved with cross hair and 1/10 division (0.1mm) of fixed scale. The micrometer screw drum is graduated in 100 parts. Each graduation is equal to 0.01mm. One complete revolution of the drum moves the cross hair and 1/10 division 1.0mm across the field. Complete with hardwood case. Shpg. wt., 1 lb.

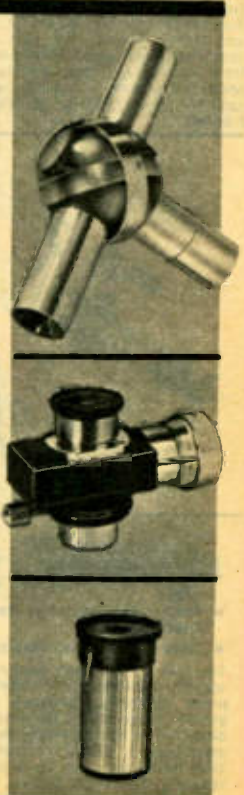
F-447 5.00 Down Net 54.50

DEMONSTRATION EYEPIECE

- VARIABLE OCULAR INDICATOR

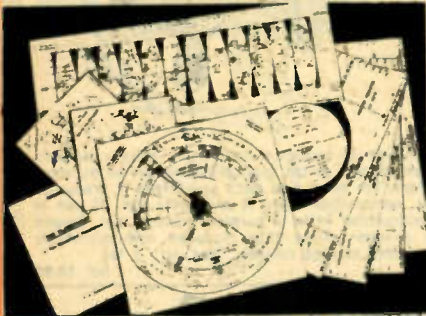
A movable pointer in the eyepiece is visible in the optical field. Permits indication of points of interest—serves as index guide or point of reference. 8X, highly corrected, fits any standard 23mm microscope tube. Complete with case. Shpg. wt., 8 ozs.

F-449 Net 7.95



The PLANETARIAT

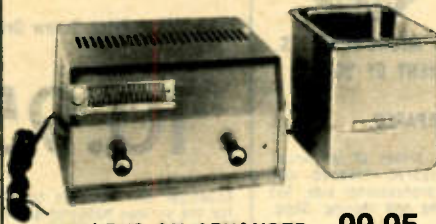
★ TWO DIMENSIONAL
PLANETARIUM



Now available — an accurate, easy to comprehend, graphical representation of the components of the Solar System, relative to the Celestial Universe. The Planetariat permits a practical understanding of navigation in outer space and is widely accepted as an invaluable aid to the study of astronomy in many professional institutions. It has been designed with high precision to demonstrate the motions of the Solar System against fixed stars and the appearance of the heavens at any time. It illustrates many celestial happenings such as: revolution of the earth about the sun, as observed from different positions; revolution of the planets, observed on earth (Geocentric) and their actual revolution about the sun (Heliocentric); Precession of the Equinoxes; Mean Solar Time; Apparent Solar Time; Sidereal Time; Appearance of constellations at different times; Diurnal motion. Important stars, planets, constellations and nebulae can be positioned at any date, any hour and any latitude. The Planetariat consists of Solar System Positioner, Equatorial, North and South Polar charts, Horizon Indicator and Manual. Positioner on 1/8" thick white Masonite, 12" square. Manual thoroughly covers the many facets of the Planetariat, includes 3 year graphs of the Heliocentric positions of the 9 planets and a glossary of terms. Shpg. wt., 1 1/2 lbs.

DF-634 Net 12.50

NEW! DiSONtegrator® ULTRASONIC CLEANER



- EMPLOYS AN ADVANCED CLEANING PROCESS **99.95**
- HIGH CAPACITY — 1/2 GALLON TANK
40 WATT GENERATOR

Lafayette brings you the lowest priced ultrasonic cleaner available. Ultrasonics has resulted in a new standard of time-saving, immaculate cleaning. A special transducer located in the solvent tank is excited by an ultrasonic generator (at 90,000 cps). It sets the solvent in agitation, producing microscopic bubbles (cavitation) which disintegrate dirt particles. Soil can be removed from the finest crevices without damage to delicate parts. DiSONtegrator Ultrasonic Cleaner consists of a 40 watt pulse generator and a 1/2 gallon cleaning tank. Tank constructed of stainless steel with 4A grade polish. Specifications: Input 110-117V, 50/60 cycles; Output 90 kc—40 watts; Generator size: 10Lx7Wx5 1/4"H. Tank size: 6 1/4Lx7Wx6 1/2"H. Complete with 4' connecting cable and 5 year free service guarantee. Exterior of tank and generator finished in baked enamel gray. See listing below for solvents. Shpg. wt., 18 lbs.

- | | | |
|---|-----------|-----------|
| ML-218WX | 5.00 Down | Net 99.95 |
| SONitizer® Ultrasonic Cleaning Chemicals. Avg. shpg. wt., 9 lbs. per gal. | | |
| ML-257 Ammoniated Detergent, 1 gal. | | Net 4.05 |
| ML-258 Detergent Concentrate, 1 gal. | | Net 3.95 |
| ML-259 Zero Residue Fast Dry Solvent, 1 gal. | | Net 3.85 |
| 300 Watt Immersion Heater | | |
| Nichrome alloy heating element. Sheathed and sealed in nickel plated brass. Overall length 6 1/2", 115 V AC/DC 300 watts. Shpg. wt., 8 ozs. | | |
| F-388 | | Net 7.99 |

Super TIGER EYE U/V Light

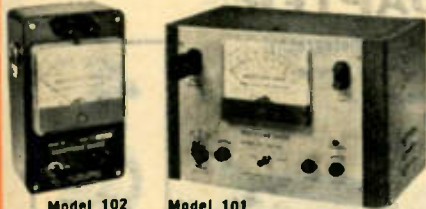


31.95

- ★ Long and Short Wave Ultra-Violet Light
- With 20 Identified Mineral Specimens

New, super Tiger Eye Twin-developed especially for Lafayette as an invaluable aid to lab and field investigations. It employs advanced engineering principles to provide unsurpassed radiation intensity—peak intensity at 2537 angstroms. Wide range coverage of both long and short ultra-violet waves. Yet this versatile unit is completely self-contained in one metal housing and operates from either AC house current or batteries. Easily carried—weighs only 1 lb., 15 ozs. Portability extends its uses. Typical applications: fluorescence demonstrations, mineral determination, prospecting. Special circuit has been designed for high efficiency, low drain operation. Tubes are easily replaced. Extra large filters. Includes 20 identified mineral samples and a 48 page book which describes some of the many uses of ultra-violet radiation. Comes complete ready for use—for 110-120 V, 50/60 cycles. Less batteries (2-45 "B" batteries required for portable use). Battery case optional. Size: 5 1/2x2x8 1/2". Shpg. wt., 4 lbs.

ML-255	2.00 Down	Net 31.95
BA-245 Battery Adapter Case with adjustable shoulder strap. Shpg. wt., 2 lbs.		
ML-256		Net 5.75
45 Volt "B" Battery (2 required for battery operation). Shpg. wt., 3 oz.		
BA-126		Net 2.70



Model 102 Model 101

PARKS LABORATORY MODEL 101 MOISTURE GAGE

A compact, direct-reading moisture percentage meter for soils and granular materials. Completely portable for field work, using a transistorized printed circuit. Weighs less than 1 1/2 lbs. It can be carried in a coat pocket. Accuracy ± 2% at 70° F, 0-85,000 ohms. Includes extra 0-100 scale for special materials. Battery drain only 100 microamps max. Sensitive 100 microamp meter movement. Includes prong-type electrode and carrying strap. Size: 6 1/4Lx3 3/4Wx2 3/4"D. Shpg. wt., 2 lbs.

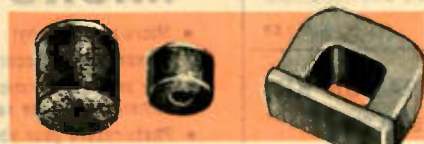
TE-671WX Net 99.50

PARKS LABORATORY MODEL 102 MOISTURE GAGE

A highly sensitive and accurate, direct-reading relative-percentage-of-moisture meter for soils and granular materials. Model 102 employs A.C. conductance measurement at 1 KC for 0-100% and a combination of A.C. conductance and differential bridge for 0-10% range. Sensitivity: 0-100%, 0-10⁷ ohms; 0-10%, 0-10¹² ohms. Accuracy 1% both ranges. Not affected by temperature. Battery drain 2.50 ma. max. battery life 1,000 hours. Includes extraneous duty compensating resistor. Size: 12 1/4Wx8Dx8 1/2"H. Shpg. wt., 10 lbs.

TE-670WX Net 199.50

ALCOMAX MAGNETS



POWER MAGNET

- LIFTS 50 TIMES ITS OWN WEIGHT

Made of Alcomax—a material with 12 times the magnetic energy of tungsten steel. Designed for most efficient performance/weight ratio—will lift up to 50 times its own weight. Horseshoe shape with plated keeper. Ideal for such applications as magnetic clutch, lifting, work holding, elec. relays, etc. Size 1 1/8Hx1 1/8Dx1 3/4"W. Distance between poles is 7/8". Shpg. wt., 1/2 lb.

F-55 Net 2.40

POT AND BUTTON MAGNETS

Magnets, available in 3 sizes, designed to produce a highly efficient magnetic circuit. Suitable for holding and lifting of all sorts. With plated keepers. Avg. shpg. wt., 5 oz.

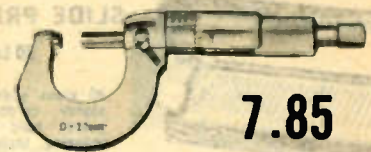
- | | | |
|--|-----------|--|
| Alnico Pot Magnets. | | |
| F-635 5/8"H, 1 1/4" dia. | 1 oz. | Net .69 |
| F-636 3/4"H, 1 1/4" dia. | 1 1/2 oz. | Net .87 |
| F-637 1"H, 1 1/4" dia. | 3 1/2 oz. | Net 1.39 |
| Alcomax Button Magnets. Set of 3. Sizes and weights: | | |
| 3/8"H, 1/2" dia. | 1/2 oz. | 1/2"H, 3/4" dia., 1 oz.; 3/4"H, 1" dia., 1 1/2 oz. |
| F-638 | Set of 3) | Net 1.45 |

POCKET MAGNET

An Alnico magnet useful for inspection of hardware to sort steel from brass, as a retriever of small parts. Highly efficient. Size 1Hx1 1/4x1/4"D. 1/4" between poles. Shpg. wt., 3 oz. With plated keeper.

F-54 Net .50

PRECISION 1 INCH MICROMETER



7.85

- MEASURES TO 0.0001"
- STAY-ACCURATE HARDENED PARTS
- MAGNIFIER AND THIMBLE RACHET

A 1" micrometer — the indispensable tool in engineering work — at a truly low price. The high accuracy of this fine instrument is maintained because of its superior construction and design. It will hold its tolerances during years of frequent use. Solid one-piece frame. Spindle and screw are hardened to withstand the worst abuse. One piece spindle has accurately ground, precision thread. Calibrated surfaces on spindle and anvil are ground and lapped to a highly polished finish. Easy to use lever type lock clamp holds any desired setting of the micrometer. Thimble ratchet allows just the right pressure regardless of how hard it is turned—obtains the proper "feel" every time. Spindle and thimble ratchet are knurled for non-slip turning. Unbreakable plastic magnifier fits securely over micrometer, allows quick clear reading at a glance. The high accuracy of this instrument permits interpolation to the nearest 1/10,000 of an inch, using the magnifier. Measures 0-1". Shpg. wt., 1 lb.

HD-846 Net 7.85

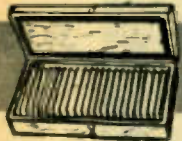
LAFAYETTE *TEKNIKITS* FOR STUDENTS OF SCIENCE AND TECHNOLOGY

MICRO-SLIDE *TEKNIKIT*®



AS LOW AS
89¢
PER SET

- SPECIALLY SELECTED MICRO-SUBJECTS.
- ADD TO THE ENJOYMENT OF YOUR MICROSCOPE.
- PROFESSIONALLY PREPARED.



Specially selected slides of universal interest. Carefully prepared—cleaned, dissected, embalmed, stained, mounted and covered. Slides are professional size. Set includes 12 prepared slides and slotted, covered box for filling and storing. Shpg. wt., 8 ozs.

F-123—Parts of Insects	Net 1.39
F-124—Spiders and Disease Carriers	Net 1.39
F-125—Tiny Creatures found around House	Net 1.39
F-126—Sea Life	Net 1.39
*F-128—Structure of Blood	Net 1.15
F-130—Life cycle of Insects	Net 1.39
F-131—Bacteria	Net 1.79
F-132—Pond, Marsh and Sea Life, Plankton	Net 1.59
F-134—Micro-Animals	Net 1.29
F-135—Micro-Organisms	Net 1.29
*F-136—Substance of Cells	Net .89
*—Set of 6 slides	

MICRO-SLIDE STAINING *TEKNIKIT*®

1.79



Compact staining kit containing liquid stains suitable for both temporary and permanent preparations. Suitable for staining chromosomes, protozoa, tissue, nuclei, animal and vegetable cellular structure, insects, plankton, etc. Permits observations unobtainable in an unstained specimen. Each vial is a "dropper" type for direct application of stain to specimen. Kit consists of one vial each of Safranin, Methylene Blue, Fuchsin, Gentian Violet, Eosin and First Green. Supplied with complete detailed instructions. Shpg. wt., 8 oz.

F-605 Net 1.79

ADVANCED STAINING *TEKNIKIT*®

Contains three additional dyeing fluids. Suitable for staining blood smears, spirilla, bacteria, etc. Supplied in "dropper" type vials complete with instructions. Shpg. wt., 6 ozs.

F-624 Net 1.69

SLIDE PREPARATION KIT

- 30 Large Blank Slides

30 glass slides, 3" x 1", in a fitted, sturdy cardboard container. Slotted guides hold slides upright for easy indexing. Includes slide covers and vial of mounting fluid. Shpg. wt., 1 lb.

F-533 Net .98

LABORATORY MAGNET *TEKNIKIT*®

4.73



This set has been specially designed for schools, laboratories, and technicians, for testing and demonstrating the magnetic properties of permanent magnets. Fine hardwood case contains a pair of bar magnets 2" x 1/2" diam., a horseshoe magnet 1 3/4" high x 1 3/4" x 3/4" deep with 3/8" spacing between poles, and a bridge magnet 3/4" high x 7/8" x 3/8" deep with 1/4" space between poles. Shpg. wt., 1 1/2 lbs.

F-58 Net 4.73

COLLAPSIBLE ILLUMINATED MAGNIFIER

Collapsible lens pulls out, automatically lighting flashlight. Magnifies work 5 times. Ideal for examination of coins, stamps, etc. Size 4 1/4 x 1 3/4". Shpg. wt., 6 oz.

F-426 ea. .98

Lot of 3 ea. .85

Burgess Z battery (2 required for above) ea. .13

BA-155 ea. .13



MICROTOME *TEKNIKIT*®

- Sections to 10 Microns (0.00039 inch)
- Micro-Pitch Screw Drive

10.95



Essential tool for free hand sectioning of biological specimens. Equally suitable for the serious hobbyist and student as well as lab applications where the accuracy of a hand operated feed is sufficient. The micro-fine pitch screw feed is graduated in 10 micron intervals. The dense, composition stage is absolutely flat, 75 mm in diameter. "Straight razor" type micrometer knife of surgical quality steel. Ground and tempered to take and hold a keen cutting edge. Supplied with microtome knife, pith and compartmented wooden storage cabinet. Shpg. wt., 2 lbs.

F-603 Net 10.95

MICROSCOPY *TEKNIKIT*®

- QUICK-EASY MICRO-SLIDE PREPARATION
- PORTABLE BIOLOGICAL LABORATORY

3.95



A completely self-contained lab kit for staining, preparing and mounting micro-subjects. Carefully chosen selection of all the necessary accessories for the proper preparation of micro-slides. Contains equipment for collecting — fixing — dyeing — dehydrating — clearing — finishing — labeling — drying and storing subjects. The kit contains 24 1" x 3" slides, cover slips, labels, tweezers, scalpel, dropper, probe, rod, 2 collecting vials, 2 small dishes, 4 bottles of dehydrating fluid (70%, 80%, 90%, 100% alcohol), bottle of acid alcohol, xylol clearing fluid, Gates' fixing fluid, Canada balsam mounting fluid, 2 vials of dyeing fluid (acid fuchsin and gentian violet). Supplied with complete detailed instructions. Shpg. wt., 2 lbs.

F-604 Net 3.95

"MICRO'DAPTER"®

- Micro-photography! • Astro-photography!
- Inexpensive — accurate — easy to use
- Use any camera/microscope or camera/telescope setup
- Photo-record your observations



The MICRO'DAPTER permits the use of any camera — even movie cameras — with practically all microscopes and telescopes. May be used with all color and black and white film. No need to remove the camera lens. All exposures are made with the camera set at infinity. You view the specimen — choose the field of view — and focus while sighting through the MICRO'DAPTER's viewing telescope. Cross hairs are superimposed on the image for centering. The telescope is focusable for diopter variations. The viewing image is automatically in focus for the camera when viewed in focus through the MICRO'DAPTER. An internal shutter shuts all the light to the telescope for viewing or to the camera when ready for exposure. The camera shutter is operated in the normal fashion. Accessory sleeves permit the MICRO'DAPTER to be used with other than Society size microscopes. The MICRO'DAPTER may be used with any telescope by attaching to eyepieces of 29mm (1 1/8") maximum diameter. Complete with lateral viewing telescope, accessory sleeves and fitted case. Shpg. wt., 1 1/2 lbs.

F-508 Net 19.75

LAFAYETTE MICROSCOPES

SCIENCE TECHNOLOGY

600X "BI-OCULAR" MICROSCOPE

- NEW—TWIN LENS "BI-OCULAR" TURRET!
- BUILT-IN SUB-STAGE MICRO-LITE!
- 600X—400X—300X—200X—120X—80X!
- ONLY AT LAFAYETTE!

The latest advance in Micro-Optic design. Free swinging, twin-lens, Bi-Ocular turret permits instant variation of magnification without disturbing subject set-up. Triple objective click-stop turret in concert with 10X and 15X "Bi-Oculars" give six ranges of magnifications. You can swing instantly from 80X to 120X—or 200X to 300X—or 400X to 600X without resetting subject or microscope. "Micro-Lite," with automatic on-off switch, gives brilliant, color corrected, field of view. Dual knob, rack and pinion focusing, 8½" high, overall. All optics are achromatic. Ocular lenses are Huygenian type. Includes sub-stage mirror for viewing by reflected light. 90° inclination joint. Includes dovetailed wooden carrying case and sample slides. Shpg. wt., 5 lbs. Less batteries.

F-334 Net 9.95

BA-155 Battery (2 required) Net ea. .13

BI-OCULAR MICRO-LAB KIT: Complete portable laboratory kit. Consists of F-454 Micro Lab Kit, with all accessories and cabinet, F-334 600X Bi-ocular Microscope, 2 batteries and latest edition of "Hunting with the Microscope." Shpg. wt., 13 lbs. F-621 Net 16.50

Tested and selected for consistent quality

- BUILT IN MECHANICAL STAGE!
- 100X—200X—300X—500X
- QUADRUPLE REVOLVING TURRET

The latest in microscopes for the student—hobbyist—or budding scientist. Featuring a built-in, micro-drive, mechanical stage. Simplifies the positioning of slide under view. Permits the micro movement necessary to properly examine micro objects. Simplifies use—promotes learning through ease of operation. Quadruple turret holds four achromatic objective lenses giving magnifications of 100X, 200X, 300X, and 500X. Dual knob, rack and pinion focus. Adjustable substage mirror. Complete with wooden carrying case and slides. Shpg. wt., 4½ lbs.

F-357 Net 5.95

"MICRO-MECH" LAB KIT: Complete portable laboratory kit. Consists of F-357 500X "Micro-Mech" microscope and F-454 Micro-Lab Kit, with accessories and cabinet plus latest edition of "Hunting with the Microscope." Shpg. wt., 12 lbs. F-622 Net 12.99

DISSECTING INSTRUMENT TEKNIKS®

- Suitable for Advanced Studies

Carefully chosen kit of most often used dissecting instruments in biology, botany, zoology, anatomy. All of the instruments are high quality. All metal parts plated and polished. Scalpels are of properly tempered, nickel plated steel. Dissecting probes have adjustable chucks and replaceable needles. Kit contains the following 14 pieces: Scalpel—all metal—1½" fine tip blade. Scalpel—all metal—1¾" half blunt blade. Spatula—2" x ¾" blade. Dissecting needle, chuck type, curved. Dissecting needle, chuck type, straight. Dissecting forceps, medium point, straight. Dissecting forceps, medium point, curved. Probe with eye, 6" long. Blow pipe, 5½", I.D. 3mm to 1 mm. Small magnifier. Dissecting scissors, sharp points. Dissecting scissors, bandage type. Syringe, 2cc., with slip on needle. Set of pins. Complete in fitted wooden case. Shpg. wt., 1½ lbs.

F-450 Net 5.49
Same fine quality as F-450. Contains 2 scalpels, spatula, 2 dissecting needles, 2 dissecting forceps, blowpipe, magnifier, scissors, pins. Smaller set contains only the essentials needed for general dissecting work. Instruments exactly as described in F-450. Complete with fitted wooden case. Shpg. wt., 1 lb. F-451 Net 3.79

NEW! 900 X "MICRO-PREP" KIT

- Full Range Fine Adjustment
- Integral Mechanical Stage
- 50X to 900X in 8 Ranges
- Built-in Illumination

A fine research-quality instrument for semi-professional, beginner and advanced students use. Huygenian eyepieces of 10X and 20X, with 4 achromatic objectives of 5X, 20X, 30X and 45X combine to give powers of 50X, 100X, 200X, 300X, 400X, 450X, 600X and 900X. Integral mechanical stage makes it possible to move the stage and slide in any direction while looking through the eyepiece. Dual knob rack and pinion focusing mechanism has coarse adjustment and fine, slow motion vernier adjustment. Sub-stage illuminated by built-in light (uses 2 pen-light batteries). Light is reflected by an adjustable plano/concave mirror. Spring loading prevents damaging of objective against slide. Accessories include 1 bottle balsam, 4 prepared slides, 8 blank slides, spatula, scissors, tweezers, scalpel, probe and magnifying glass. All housed in a handsome wood case with carrying handle and rubber feet. Shpg. wt., 6 lbs.

F-601 2.00 Down Net 25.88

BA-155 Burgess Z-cell battery (2 required) Net Each .13

MICRO-LAB TEKNIK®

- All the most needed home-lab accessories

A carefully preselected assortment of the most often used lab items for biology, botany, anatomy, zoology, microscopy, etc. Perfectly complements the many inexpensive microscopes already in use. The instruments and accessories are of professional quality. The cabinet will accommodate any microscope of no more than 8¾x5x3" overall (such as our F-334 "BI-OCULAR" and F-357 "Micro-Mech" and contains the following accessories: 15 slides, slide labels, slide covers, vial of balsam, dissecting scissors, probe, scalpel, tweezers, spatula, applicator rod, eyedropper, magnifier, 5 test tubes with stoppers, 6 laboratory jars, alcohol burner, polishing cloth. All in fitted drawers. Shpg. wt., 7½ lbs. F-454 Net 7.79

PORTABLE ILLUMINATED MAGNIFIER

- EXTREMELY BRIGHT FIELD
- 5X MAGNIFICATION
- 2" FIELD!
- COMPOUND LENS TYPE

A fine, fixed-focus illuminated magnifier—magnifies work 5 times. Field of vision is 2" at 1½" working distance. Unlimited usage in industry—shop—hobbies. For checking tools and dies—castings—forgings—welds—etc. Inspection of meter movements—fine soldering electronic repairs. Magnified area easily accessible through cut out. Invaluable in hobbies such as stamp or coin collecting, photography, entomology—mineralogy, etc. Excellent map reader. Completely portable—uses two No. 2 cells for power. Weight ¾ lb. Length 8½" overall. Shpg. wt., 1½ lbs.

F-193 Net 2.95

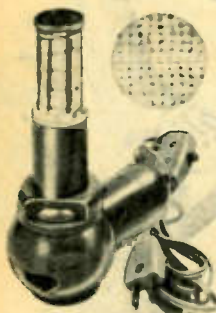
BA-157 Battery (2 required) Net ea. .13

HUNTING WITH THE MICROSCOPE NEW EDITION

Guide for beginners and advanced users of microscopes. How the microscope works. How to prepare and study cultures—set up a microscope zoo and garden—grow micro organism—perform micro surgery. Profusely illustrated with photographs and drawings. 14 chapters of easy-to-read, highly informative text. BK-1440 136 Pages 5½ x 8" wt., 6 oz. Net .89

OPTA SCOPE ILLUMINATED UNIVERSAL MICROSCOPE

- 82X to 120X • Helicoid Focusing • Integral Illumination
- Direct measuring reticle • High Eye Relief



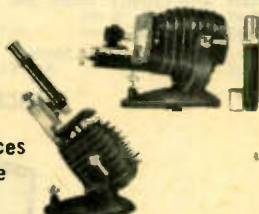
39.50

An extremely versatile, precision microscope for use in laboratories, shop-production, field work wherever inspection or examination under high magnification is required. Adds speed to inspection. High resolving power plus exceptionally efficient illumination factor greatly increases the accuracy of all types of inspection work. Direct measuring reticle, 1 mm divided into 50 parts. Permits estimates down to .0001 inch. Coarse focus by draw tube, chooses gross magnifications of 82X, 90X, 100X and 120X. Fine focus by knurled wheel and helical gear. Focusing eyepiece corrects for diopter variations. Integral light source is a 15 watt 110 v clear bulb. For field use it is interchangeable with a battery operated secondary source. High eye relief, approximately one inch, permits the operator to wear glasses. Accessory slide clips allow the examination of prepared slides while hand holding the Opta-Scope. Eyepiece and objectives lens are standard size and readily interchangeable for variations in power. Supplied complete with 15X focusing eyepiece, 10X, 0.25na objective, blue filter, 110v. light source, battery light source, slide retaining clips, spare bulbs and fitted leather carrying case. Shpg. wt., 3 lbs. F-495 2.00 Down Net 39.50

"MAGNI-SCOPE"

PROJECTION MICROSCOPE

- Society size objectives and eye pieces
- Two professional instruments in one
- Simple — compact — inexpensive



Professionally designed and produced to conform to the standards set by Lafayette's Instrument Division. The "Magni-Scope" is not merely a converted microscope—nor a converted projector. It is a true micro-projector instantly adaptable to use as an extremely fine microscope capable of delivering high magnification (up to 1500x) and excellent definition. The "Magni-Scope" will project every type of prepared slide. Heat absorbing filter glasses also permit the projection of living material. These filters, built into the condensing system, protect valuable slides from damage by heat. The highly efficient 100 watt light source—coupled with a first class optical train, assures projected images of exceptional clarity and brightness. The highly corrected optics permit extremes of magnification without distortion or color aberrations. The "Magni-Scope" has also been designed for use as a shadow graph, making it invaluable in industrial and testing laboratories. All standard (society size) microscope objectives and eyepieces can be used in the "Magni-Scope." Hence the "Magni-Scope" offers all advantages of the most expensive microscopes. Magnifications up to 1500x are possible by using a 15x eyepiece and 100x oil immersion objective. Polarizing filters and an iris diaphragm are mounted substage for light control.

The "Magni-Scope" finned housing and the large stable base are cast aluminum alloy, finished in black crackle enamel. The focusing mechanism is a dovetailed chromed brass slide with a spring-loaded micro-drive for fine focus. Stage is 90mm by 80mm. Supplied complete with a 10x eyepiece, 10x objective, 100 watt projection lamp, instructions and a fitted hardwood carrying case. Shpg. wt., 10½ lbs. F-484 2.00 Down Net 49.50
100X objective: Society size, oil immersion, objective lens. Fits "Magni-Scope" and permits higher magnifications. Shpg. wt., 6 oz. F-557 2.00 Down Net 22.50
15X Eyepiece: Society size ocular. Fits "Magni-Scope" and all other Society standard microscopes. Shpg. wt., 6 oz. F-556 Net 5.95

PORTABLE FIELD MICROSCOPE

5.95

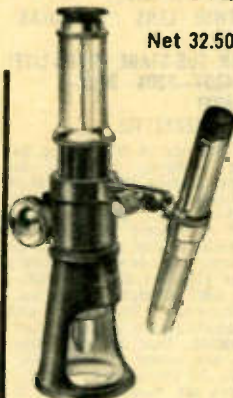
- 20x — 40x — 80x
- POCKET SIZE — FOR FIELD OR LAB
- ACHROMATIC — COATED LENSES



One of finest precision optical imports Lafayette has ever offered. Unparalleled for "rockhounds" prospectors, industrial, coin and stamp collectors, students and hobbyists indispensable for examination of gross and opaque subjects. Highly polished — finely machined chromium plated brass tubes, mount and tripod legs. Sliding draw tube permits focusing on objects from flat surface to 1¾" high. Ideal for inspecting large specimens—small parts—surfaces of large places. Size collapsed is only 3¾"—fully extended 6½" less tripod. Includes soft leather zipper and tripod legs. Perfect portability. Shpg. wt., 1 lb. F-37 Net 5.95

IMPROVED BRINELL MICROSCOPE

Net 32.50



- Reads direct to 0.0005 inch
- Magnification 100X
- Self illuminated

Directly measures the size of Brinnell hardness impressions, or any object, down to .0005 in. Built in eye piece reticle is .05" long divided into 100 parts. Each 200th inch is numbered for direct read-out. Helicoid focusing of eyepiece corrects for diopter variations. Focusing of main tube by extremely fine rack and pinion. Illuminated by a pen light attached to an adjustable arm. Portability, rugged construction and high light efficiency make this an excellent general purpose industrial unit. Suitable for field work as well as lab and shop. Eye relief of approximately one inch permits use while wearing glasses. 60X interchangeable eyepiece available for lower power applications. Complete with adjustable arm, penlight and fitted case. Shpg wt., 2½ lbs. F-625 2.00 Down Net 32.50
60X Eyepiece: Interchangeable eyepiece for F-625 Brinnell Microscope. Reticle is 0.08" long graduated in single divisions of 0.001". Shpg. wt., 4 oz. F-626 Net 15.50

MEASURING MICROSCOPE

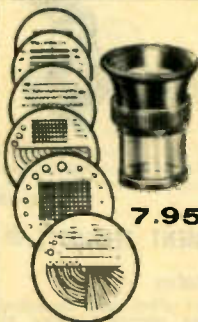
- Dual Scale-Inch and Millimeter
- Fine Pitch Screw Micro Drive



A small, portable microscope specifically designed for inspection of opaque materials. Variable system magnifications, 40X to 60X, ensures accurate inspection at the desired magnification. The perfect microscope for examining mesh and wire net for imperfections. Scale is calibrated in inches (¼" divisions) and also in millimeters (1 millimeter per division). It is possible to use either of the calibrated scales on the unit simply by adjusting the position of the optical section. The optical section can be moved right or left, 1" from center, by means of a fine pitch worm gear with a two inch travel. One complete revolution of the vernier knob moves the scope ¼" to the right or left. This enables the user to examine a certain portion of a specimen without moving the microscope or specimen. May be used in either vertical or horizontal position. Mechanism consists of: An aluminum, gray, frost-coated base; a chrome-plated brass supporter; chrome-plated brass dial plate with calibrated scales; 40X to 60X microscope and a wooden carrying case. Overall Size: 3¼x2¼x5¼"H. Shpg. wt., 1½ lbs. F-617 Net 12.95

OPTICAL MICROMETER

- Pocket sized Comparator
- Direct measurements to .005"
- Measures Diameters- Radii-Angles
- Linear scale in Inches



7.95

High quality optical micrometer using a triplet lens system of approximately 7 power. Triplet system affords a wide flat field of view. Extremely accurate reticle of etched glass. Unaffected by changes in temperature and humidity—impervious to oil, solvents and scratches. 0.5 inch linear scale calibrated to .005 inch. 10 mm scale calibrated to .2 mm. Hole diameters from ¼" to ¾" and from .005 to .05". Thickness scales from ¼" to ¾". Radii from ¼" to ¾" and angles from 0 to 90°. Measures instantly—without adjustments. Accurate to edge of 1" field. Adjustable focus. Reticle removable for use as high power magnifier. Infinite uses in lab and industry. Complete with leather case. Shpg. wt., 6 oz. F-376 Net 7.95

SPECIAL MICROMETER RETICLES

Extremely accurate, etched glass reticles for use with F-376 Optical Micrometer or other comparators of equal quality. Unaffected by changes in humidity and temperature — resistant to scratching — oils — and solvents. All reticles measure 1¼" (27 mm).

- Particle measuring grid 0.4x0.3" subdivided to .005". Hole diameters from 0.1 mm to 3.0 mm. Radii from 1 mm to 10 mm. Angles from 0 to 90°. 10 mm linear scale calibrated to .2 mm. Shpg. wt., 4 oz. F-456 Net 2.75
- Radii and angle scales. 180° protractor scale, 0 to 90° in 1° increments. Radius scale, concentric 0.5 mm to 10 mm with .5 mm subdivisions. Shpg. wt., 4 oz. F-457 Net 2.75
- Thickness gauge. 15 scales consisting of parallel lines—measures from .002 to .016 inches. Shpg. wt., 4 oz. F-458 Net 2.75
- Particle measuring grid and diameters. 10 mm square grid of 0.5 mm squares. Subdivided with 0.1 mm increments. Diameters from 0.1 mm to 2.5 mm in 0.1 mm increments. Shpg. wt., 4 oz. F-459 Net 2.75
- Complete comparator. All five reticles and magnifier. With leather case. Shpg. wt., 8 oz. F-460 Net 16.95

1500X "MICRO-STANDARD" ADVANCED ACADEMIC MICROSCOPE

- 25X to 1500X in 11 Ranges
- Full Range Fine Adjustment
- Integral Mechanical Stage
- Heavy Laboratory Stand
- Variable Sub-Stage Condenser with Iris Diaphragm
- Standard Society Size Optics — both
- All optics coated objectives and eyepieces

89⁹⁵

An unusually fine optical instrument designed especially for precision viewing requiring high magnification with an oil immersion lens. The outstanding features of great range and engineered versatility, optimum clarity and great magnification are usually found in microscopes costing much more.

OPTICAL SPECIFICATIONS: Three Huygenian eyepieces: 5X, 10X, 15X. Four achromatic objectives: 5X, 10X, 40X, 100X (oil immersion).

BODY: Monocular tube 140mm long.

STAGE: Square stage 95mm x 95mm. Integral mechanical stage. Adjustable, with slide, in any direction. Side knob permits complete rotation of stage.

FOCUSING: Coarse focus by dual knob rack and pinion adjustment with adjustable tension to slow motion. Fine focus by dual knob vernier adjustment. Spring loaded safety device prevents objective from driving through slide.

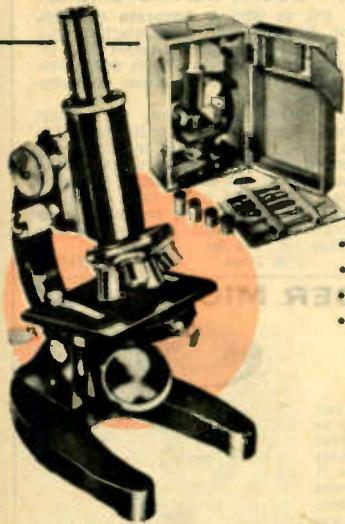
SUBSTAGE: Focusing Condenser with variable Iris diaphragm. 41mm plano/concave mirror.

Satin black baked enamel finish with chrome trim. Heavy laboratory stand. Overall 12½" high, 6½" deep, 5" wide. Includes fitted cabinet with lock and key, specimen slide, blank slide, bottle of cedar oil. Shpg. wt., 11½ lbs.

F-602X 5.00 Down Net 89.95



Sample available on approval to universities and industrial laboratories.



1200X "RESEARCHER"

- 25X to 1200X in 12 Ranges
- Full Range Fine Focus Adjustment
- Integral Mechanical Stage
- Rotating Diaphragm

44⁵⁰

Closely parallels the "Society" grade microscope, yet is available at a very low price. Four Huygenian eyepieces: 5X, 10X, 15X, P20X combine with four achromatic objectives: 5X, 10X, 40X, 60X to yield 12 combinations: 25X, 50X, 75X, 100X, 150X, 200X, 300X, 400X, 600X, 800X, 900X, 1200X. Dual knob rack and pinion coarse focusing with tension adjustment for slow motion. Micro-motion fine focusing adjustment. Spring loaded to prevent objective from driving through

slide. 85mm x 85mm stage can be moved in any direction, with slide, by 2 knurled screws while looking through the eyepiece. Sub-stage has rotating, 5-position diaphragm and 35mm plano/concave reflecting mirror. Stable horseshoe base. Complete with set of 5 basic dissecting instruments, 10 slides, pack of cover slips, tube of mounting fluid. All in a dovetailed wooden carrying case with handle and four rubber feet. Shpg. wt., 10 lbs.

F-369 2.00 Down Net 44.50

900X MICROBE "HUNTER"

- The only Microscope in its class featuring GRADE A optics!
- Power Range 25X, 50X, 75X, 100X, 150X, 200X, 300X, 400X, 600X, 900X
- Full Range Fine Adjustment
- Safety Stop on Coarse Adjustment

34⁵⁰

Made to rigid design specifications—has wide usage in schools, laboratories and law enforcement agencies. All of the most needed features for diversified micro-studies. Power range from 25X to 900X in 12 possible combinations. Geared rack and pinion coarse focusing. Micromotion fine focusing—12 complete revolutions. 36mm (plano/concave) mir-

ror. Fixed square stage, 70mm x 80mm. Rotating 5-hole, disc diaphragm. Three Huygenian eyepieces of 5X, 10X and 15X. Four achromatic objectives of 5X, 10X, 40X and 60X. Oversize base insures stability. Body perfectly balanced at an angle. Complete with upright, wooden carrying case. Shpg. wt., 8 lbs.

F-338—List 69.95 2.00 Down Net 34.50
F-613 Mechanical stage for above. Net 6.95



LAFAYETTE MICROLITE

- USE WITH ANY MICROSCOPE
- FURNISHES BRIGHT, EVEN LIGHT



Specially designed for microscope illumination. Provides a bright, evenly lighted field of view. Controlled intensity, by means of focusable condenser lens. Lamp may be raised or lowered to any desired height on its 4½" stanchion. Inclination and elevation joint permit swinging through 360° in both horizontal and vertical plane. Fully adjustable for transparent or opaque specimens, direct or indirect illumination. Invaluable where oblique light is necessary. Operates on 110-120 volts AC/DC. Lamp is easily replaced. Self contained switch, cord and plug. Lamp body is 5½" long, stand is 5½" high including base. Shpg. wt., 1 lb.

F-268 Net 2.95

SUBSTAGE "MICRO-LUMINATOR"

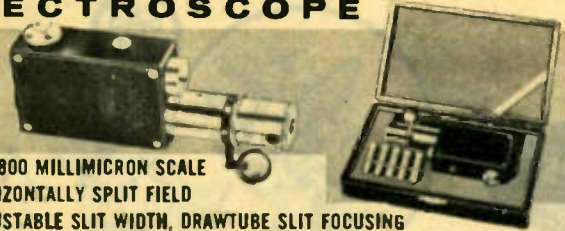
- Brilliant — Even Illumination

Versatile, substage microscope illuminator provides brilliant, even, color corrected light. Mounts in mirror forks of 35 to 40 mm (1¼ to 1½"). Mirror forks of other sizes are readily spread or compressed to fit. Well ventilated—reasonably cool operating—110 volt, 10 watt clear glass, high intensity bulb. Blue filter glass corrects light to proper color for micro-illumination. Suitable for use with Lafayette F-338 "Microbe Hunter", F-369 "Researcher", F-602 "Micro Standard and similar microscopes. Complete with 5½ ft. cord, plug, switch and spare bulb. For 110-120V. AC/DC. Shpg. wt., 8 ozs.

F-612 Net 2.89



DIRECT VISION PRECISION SPECTROSCOPE



- 400-800 MILLIMICRON SCALE
- HORIZONTALLY SPLIT FIELD
- ADJUSTABLE SLIT WIDTH, DRAWTUBE SLIT FOCUSING

A prismatic type, hand-held instrument that has most features of the finest standard laboratory instruments. The millimicron scale is adjustable for sharp focus and for position (with "lock-in" feature to fix scale with relation to known spectral lines). Highest grade optics yield a broad dispersion field of high intensity obtained from best quality glass dispersing prisms, while excellent lens system resolves the closest spectral lines into 2 distinct lines. By a twist of the collar, a horizontally split field is obtained by which a comparison can be made of two light sources simultaneously. Tubes and collars are constructed of highly polished corrosion proof steel. Equally suited to laboratory or field work, the spectroscope has a wide array of applications: emission spectrum analysis of light sources; qualitative chemical analysis and metallurgical analysis by emission spectra; qualitative analysis of absorption spectra by examining aqueous or other solutions contained in the small test tubes provided. Absorption spectrum analysis has application in many branches of technology—color and dye chemistry, blood chemistry, clinical medicine, criminology. Complete with plush-lined case, shipping wt., 1½ lbs.

F-361 5.00 Down Net 76.50

SUGAR REFRACTOMETER

- MODIFIED ABBE DESIGN—READS % SUGAR DIRECT
- NO MOVING PARTS TO WEAR OUT
- CAN BE USED TO DETERMINE REFRACTIVE INDEX



Highly accurate, exceptionally well made, hand refractometer. Especially suited for the "juice" industry. Permits accurate measurements, in the field, of percentages of sucrose or dissolved solids in extracts from fruits and vegetables. Equally useful in the canning plant lab, candy and jelly industries, breweries, soft drink plants and similar operations. Easy to operate — no moving parts except the focusing eyepiece. Completely color corrected, perfectly clear field. Range of 0-32%, reads directly to 0.2%, easily estimated reading to 0.1%. Includes adjusting screw driver, temperature correcting tables, leather case and straps. Shpg. wt., 1½ lbs.

F-358 2.00 Down Net 29.50
F-431	Same as F-358, but range from 30 to 60% 2.00 Down Net 33.95
F-430	Same as F-358, but range from 50 to 80% 2.00 Down Net 41.90
F-432	Same as F-358, but range from 60 to 90% 2.00 Down Net 41.90

DIRECT VISION SPECTROSCOPE



19.50

- SIMPLEST WAY TO OBSERVE SPECTRA
- BETTER THAN ANY GRATING SCOPE OF EQUAL COST
- HIGHEST GRADE OPTICS IN DIRECT VISION FIELD

Every physics, chemistry, science class, or hobbyist can afford to own this superb instrument. It is the simplest means by which one can observe emission spectra from light sources and vaporized chemical salts, and the Solar Spectrum.

A broad dispersion field of high intensity is obtained from several dispersing prisms of matched glass, while a high grade optical system yields good resolution, sufficient to separate 5769.6Å from 5790.6Å in the spectrum of a fluorescent lamp. The slit has adjustable width and can be focused sharply by means of an eye piece draw-tube, assuring easy viewing and establishment of Fraunhofer lines of the Solar spectrum or bright lines of the emission spectra. Metal parts are made of highly polished corrosion-proof steel. Comes in plush-lined case. Shipping wt., 9 oz.

F-359 Net 19.50



NEW

119.50

"TRI-PLEX" SUGAR REFRACTOMETER

- Measures 0% to 90%
- Accurate to 0.2%

The first Hand Refractometer to satisfactorily fill the need for an adequate field instrument. One instrument measures all densities—0% to 90% within 0.2%. The Amici prism feature insures an exceptionally fine division of the field.

The "Tri-Plex" refractometer defines the critical line as clearly as most laboratory instruments. Tri prism system allows the technician to choose any of three ranges at will. Reads dense or clear solutions with equal facility. The exceptionally fine optical train shows a perfectly clear, color corrected field. Small, light and exceptionally sturdy. No loose parts to become lost in field use. Extreme simplicity of operation. Shpg. wt., 1½ lbs.

F-455 5.00 Down Net 119.50

SIMPLEX CYLINDER MICROTOME

- Graduated in 10 micron intervals
- 75mm ground glass stage
- Surgical Steel Knife



19.95

Small, accurate microtome for freehand sectioning. Suitable for school use as well as lab applications where a hand operated feed is sufficient. Extremely well made to very close tolerances. Micrometer feed screw is graduated in 10 micron intervals. The ground glass stage is 75 mm in diameter. The microtome knife is of surgical steel, ground and tempered to produce and retain a keen cutting edge. Complete with knife and wooden storage case. Shpg. wt., 2 lbs.

F-442 Net 19.95

MICRO-STANDARD MECHANICAL STAGE



19.95

- LOCATES ANY SPOT ON A SLIDE, "ON THE NOSE"
- SMOOTH ACTION-HORIZONTAL AND VERTICAL
- FOOL PROOF CO-ORDINATE SYSTEM

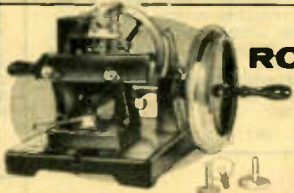
Graduated mechanical stage attaches to any "Society" size microscope stage such as F-367 Medica, F-368 Micro-Plex and F-602 Micro-Standard. Adjustable holder takes any slide up to 90 mm x 50 mm. Essential for methodical examinations such as is required under an oil immersion lens or in blood counting. Locates and relocates portion of the slide quickly and easily. Vertical movement by rack and pinion — horizontal movement by worm gear. Machine engineered scales, graduated in single millimeters with vernier reading to 1/10th mm. All slides can be charted by means of the co-ordinates of these scales. Spring clip automatically fits the slide into proper position. Supplied with fitted wooden case. Shpg. wt., 1 lb.

F-362 Net 19.95

PRECISION ROTARY MICROTOME

Minot Type

- SECTIONS 1 TO 25 MICRONS
- EXTREMELY ACCURATE FEED
- SMOOTH QUIET OPERATION
- EXCEPTIONALLY RAPID OPERATION



Used wherever extreme accuracy is required. Features a reliable, micrometer feed mechanism and exceptional stability. Can be set for sections of any thickness from 1 micron to 25 microns. Each revolution of the drive wheel completes one cutting pass. Drive wheel is heavily counter-balanced to offset the weight of reciprocating parts. The specimen holder can be positioned easily and quickly and is extremely rigid in the "fixed" position. The knife angle is readjustable and the knife is easily secured in position. The specimen holder can be locked at the top of its excursion for ease of specimen adjustment. The micrometer feed screw, indexing head and other movable parts are readily and precisely adjustable. This microtome is capable of exceptionally rapid sectioning of specimens while maintaining an extremely high degree of accuracy. Where practicable the parts are of stainless steel, nickel silver, or heavily enameled to prevent corrosion and discoloration. The instrument is supplied with a section carrying belt, a 150mm Minot type knife, 3 specimen supports, leather strap, honing bevel, stropping paste and case. Shpg. wt., 75 lbs.

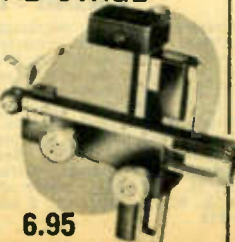
F-444WX 5.00 Down Net 180.00

MICROSCOPE MECHANICAL STAGE

- WITH GRADUATED SCALES
- VERNIER TO 1/10th mm

Attaches to any square microscope stage 70 mm x 80 mm or larger. Accommodates slides up to 75 mm x 50 mm. Both lateral and front-to-back movement by rack and pinion. Adjustment scales are graduated in single millimeters with verniers reading to 1/10th mm. Essential accessory for all high magnification examination. Permits relocating any portion of a slide or charting the entire slide. Spring clip automatically accommodates slides of varying dimensions. Shpg. wt., 12 ozs.

F-613 Net 6.95



6.95

Micro-Plex — Binocular-Monocular Research Microscope

- 20X to 2000X • Interchangeable Binocular/Monocular Tubes
- Vernier calibrated mechanical stage • Eight paired eyepieces
- Quadruple revolving nosepiece



345.00

An outstanding instrument with features of construction and design that will, without reservation, be appreciated by competent experts.

OPTICAL SPECIFICATIONS: Four achromatic, coated objectives 4X/0.15 n.a., 10X/0.25 n.a., 40X/0.65 n.a., oil immersion 100X/1.25 n.a. Eight paired eyepieces. Two each 5X Huygenian, 10X Huygenian, 15X peri-planatic, 20X Kellner. Dust proof quadruple revolving nosepiece.

BODY: Interchangeable Binocular tube inclined 45°, graduated Interpupillary adjustment, left eye-tube adjusts for refractive difference between two eyes. Monocular tube is extendable, graduated in mm from 140 mm to 190mm. Parfocal at 170mm.

STAGE: Square stage 125mm x 130mm. Mechanical stage with 30mm x 70mm range of movement with vernier accurate to 0.1 mm. Slides of practically every shape and size, including petri dishes, can be used.

FOCUSING: Coarse focus by means of coaxial rack and pinion drive on dovetail slide. Fine focus by coaxial micrometer slow motion Meyer's type adjust. Graduated 1 division equals .002mm (2 micron intervals). Spring loaded action prevents driving through subject.

SUBSTAGE: Rack and pinion drive. Double lens bright field condenser (interchangeable) 1.2 n.a. Iris diaphragm, filter holder, stop against over-wind, 50mm plano-concave mirror.

Satin black baked enamel finish. Chrome trim. 13 1/2 x 8 1/2 x 5 1/4" overall. Net weight 34 lbs. Includes fitted cabinet of fine grained oak with lock and key, 5cc of cedar oil, spring clips, spanner, blue filter. Shpg. wt., 42 lbs.

F-368WX 10.00 Down Net 345.00

Medica II — Medical-Bacteriological Microscope

- Standard Society Size
- 20X to 1500X
- Vernier calibrated mechanical stage
- Extendable Monocular Tube
- Par-focal at 170mm tube length



179.00

Outstanding design—features unexcelled optically and mechanically—and priced far below any equivalent instrument.

OPTICAL SPECIFICATIONS: Four coated achromatic objectives. 4X/0.10 n.a., 10X/0.25 n.a., 40X/0.65 n.a., oil immersion 100X/1.25 n.a. Three eyepieces, 5X Huygenian, 10X Huygenian, and 15X peri-planatic.

BODY: Extendable, monocular tube. Graduated from 155 mm to 200 mm. Parfocal at 170 mm.

STAGE: Square stage 120mm x 125mm. Graduated mechanical stage with 50mm x 80mm range. Vernier accurate to 0.1 mm.

FOCUSING: Coarse focus by means of rack and pinion drive on dovetail slide. Fine focus by coaxial, lever type, micro-motion. Full 16 revolutions for 3mm travel. Spring loaded safety device prevents driving through subject. Focusing tension adjustable.

SUBSTAGE: Ring type, rack and pinion drive. Double lens bright field condenser (interchangeable) 1.2 n.a. Iris diaphragm, filter holder, stop against over wind, 50mm plano-concave mirror.

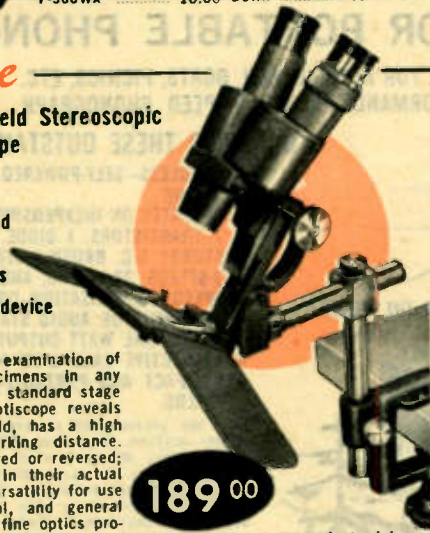
12 1/2 x 8 1/2 x 5 1/4" overall. Net weight 21 lbs. Includes fitted cabinet, 5cc of cedar oil, spanner, spring clips, blue filter. Shpg. wt., 29 lbs.

F-367WX 5.00 Down Net 179.00

Optiscope

Optiscope—Wide Field Stereoscopic Binocular Microscope

- 10X — 90X
- Six paired, wide field eyepieces
- Six paired objectives
- Universal mounting device



189.00

Unique design permits examination of opaque or gross specimens in any plane as well as use of standard stage and hand rests. The Optiscope reveals an extremely wide field, has a high eyepoint and long working distance. The image is not inverted or reversed; all movements appear in their actual direction. Engineered versatility for use in laboratory, industrial, and general research. Exceptionally fine optics produce the most brilliant resolution. Fine stereoscopic (3-dimension) vision—wide flat field with exceptional depth of focus. Unexcelled optical and mechanical design.

OPTICAL SPECIFICATIONS: Six paired, achromatic, coated objectives, 2X, 4X, 6X, interchangeable by means of a dovetail slide. Six paired widefield eyepieces. Coated and corrected for chromatic aberration and field curvature. Two each 5X Huygenian, 10X Kellner and 15X Kellner.

BODY: Inclination 90°, coated prism system for maximum light transmission, interpupillary adjustment 55mm to 75mm, eyepiece diopter adjustment.

STAGE: 90mm x 100mm removable stage. 70mm flush top glass plate, long spring clips, removable hand rests.

FOCUSING: Rack and pinion focusing mechanism with 3" excursion of the rack.

STAND: Universal mounting base clamps on any flat surface up to 2 1/2" thick. Maximum vertical travel of Optiscope on universal stand is 4 3/4". Affords 10" clearance from work surface to objective lens. Horizontal excursion is 4". Rotation through 360° in two axes. Includes fitted cabinet of fine grained oak. Shpg. wt., 25 lbs.

F-443WX 5.00 Down Net 189.00

UNIVERSAL MICROSCOPE ILLUMINATOR

- Transformer with Dimming Control
- Universal Microscope Illuminator with Iris Diaphragm



35.00

Provides an intense, relatively cool light. Designed for use with stereoscopic microscopes (incident light), vertical illumination and as a general laboratory light source. Mounted on a heavy base, the lamp can be adjusted for any angle of above or below stage illumination. Size of the illuminated field is controlled by iris diaphragm. Ventilation openings are baffled to confine stray light. Focusable from an image of the filament to a broad field. The variable transformer permits continuous variation of light intensity. Supplied with a 6.5 volt, 25.5 c.p., clear glass bulb, blue glass filter and variable transformer. Shpg. wt., 10 lbs.

F-445 2.00 Down Net 35.00

SUBSTAGE ILLUMINATOR

- Standard society size



8.50

Provides brilliant, even, illumination generally unobtainable with ordinary substage lamps. Well-ventilated—cool operating—110 Volt, 15 watt clear glass bulb. Mounts in any mirror fork that holds 50mm mirror, such as the Micro-Plex (F-368) or Medica (F-367). Has both diffuser lens and ground glass blue filter. Complete with 2 spare bulbs and wooden case. Shpg. wt., 1 1/2 lbs.

F-438 Net 8.50

NEW!

LAFAYETTE 7 TRANSISTOR MARINE & BROADCAST 2-BAND RADIO



9-Section Antenna Extended

Earphone



Carrying Case

- Covers AM Broadcast Plus 1.6-4.8 MC. Marine Band
- Sensitive Receiver Uses 7 Transistors, 2-Diodes, And 1- Thermistor
- 2 Built-In Antennas. Including 9 Section Telescoping Antenna for Marine Band
- Operates on 2 Inexpensive Penlight Batteries
- Complete With Carrying Case, Batteries, and External Earphone
- A Must For Marine Enthusiasts
- Compact and Light-Weight

29⁵⁰

With this new sensitive transistorized radio, Lafayette answers the needs of the marine enthusiast. Designed to be used by the week-end sailor as well as the serious yachtsman, the FS-223 is a power-packed, 7 transistor, superhetrodyne receiver. It receives both the standard AM broadcast band and the Marine Band (1.6 - 4.8 MC). A built-in antenna is used for the broadcast band and a 9 section telescoping antenna for the marine band. The telescoping antenna is readily detachable and may be carried in the same manner as a pocket pen. The receiver circuitry utilizes 7 transistors, 2 diodes and 1 thermistor for power-packed performance. Simple selector switch allows choice of Broadcast or Marine Bands

and a clearly marked slide dial makes tuning simple. The built-in speaker can be shut-off by inserting an external earphone (supplied) for personal listening. Operates on 2 inexpensive 2 cells giving up to 3 times longer life than ordinary 9 volt batteries. Comes complete with 9 section telescoping antenna, carrying case and earphone. Measures only 5 7/8 x 3 1/2 x 1 1/2". Shpg. wt. 2 lbs.

FS-223 Net 29.50
 Replacement batteries for FS-223 7 Transistor radio. 2 required.
 BA-155 2 Cells Net each .10



For Use On BOATS



For MARINAS



For The HOME

NEW! LAFAYETTE "7" TRANSISTOR PORTABLE PHONO-RADIO

ANOTHER SUPER-VALUE BUY FROM LAFAYETTE! IDEAL FOR HOME, BEACH, BOATS, PICNICS, ETC.
 A POWERFUL 7 TRANSISTOR RADIO PLUS A PERFORMANCE-PACKED 3-SPEED PHONOGRAPH



52.50

ONLY 5.00 DOWN

CONSIDER THESE OUTSTANDING FEATURES:

- CORDLESS—SELF-POWERED ON BOTH RADIO AND PHONO
- OPERATES ON INEXPENSIVE D CELLS
- 7 TRANSISTORS, 1 DIODE, AND 1 THERMISTOR
- STURDY D.C. BRUSH MOTOR
- 3-SPEEDS, 33-1/3, 45, AND 78 PLUS A VARIABLE SPEED COMPENSATION CONTROL
- 2 TRANSISTOR AUDIO STAGE UP TO ONE WATT OUTPUT
- ATTRACTIVE CASE WITH HANDLE
- COMPACT AND PORTABLE—WEIGHS LESS THAN 10 LBS.

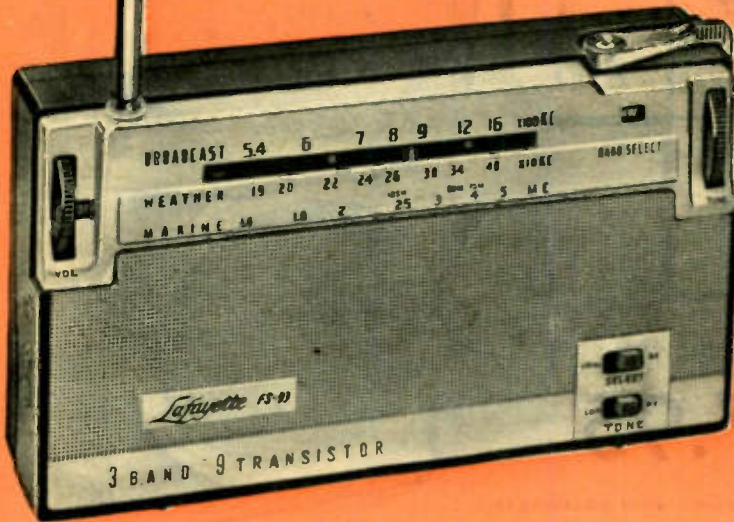
Now the pleasure of recorded music is yours anywhere—anytime. The new FS-225 PORTABLE RADIO-PHONO gives all the performance of a powerful 7 transistor radio plus a complete 3 speed phonograph. Operating on inexpensive D cell batteries, the FS-225 can be used anywhere. The sensitive radio section utilizes 7 transistors, 1 diode and 1 thermistor. The audio stage uses 2 transistors furnishing up to one watt output for both radio and phonograph. A super-sensitive ferrite-tuned antenna insures clear reception of broadcast stations. A clearly marked slide-rule dial makes tuning a breeze. The heart of the phonograph section is a husky three-speed D.C. Brush motor that was designed for trouble-free service. The exceptional power developed by this motor eliminates the drag and slowdown effects often found in portable phonographs. A variable speed compensation control permits fine adjustment of the phonograph speed to allow for battery wear. Comes complete with flip-over cartridge and 2 needles. CONTROLS: ON-OFF; Volume; Tuning; Phono-Radio Selector; Speed Selector—OFF—33 1/3, 45, 78; Speed Compensator. Comes in a distinctly styled three colored (pink, grey and black) portable case with a sturdy handle. Size: 9x13 1/4x5". Shpg. wt., 12 lbs. FS-225 less batteries 5.00 Down Net 52.50
 BA-157 Burgess No. 2 (6 needed) Net ea. .13

NEW!

LAFAYETTE 3 BAND 9 TRANSISTOR PORTABLE RECEIVER

Receives—Weather, Beacon, Marine and Aviation Bands Plus Standard Broadcast.

Employs 9 Transistors, 2 Diodes, plus a Thermistor for high gain performance.



For Boat Owners

For Aviators

For Weather Warnings

For The First Time A Radio That Receives 190-400 KC Weather, Airplane and Direction Beacon Band Plus 1.6 — 5 MC Marine Band Plus Broadcast Band

NO RADIO ON THE MARKET CAN COMPARE WITH ALL THESE FEATURES JUST LOOK!

- **Three Bands**
Long Wave Weather Band 190-400 KC
Broadcast — 540-1600 KC
Short Wave Marine Band 1.6 — 5 MC
- **Built-In Quality Speaker**
- **With Earphone Plug, and Leather Case**
- **Can Be Used As Radio-Direction Finder (with external meter!)**
- **Sensitivity Control**
- **Tone Control**
- **Telescoping 9 Section Antenna**
- **Jack For External Speaker**
- **Compact, Lightweight! Self-Contained**
- **Powered by An Inexpensive 9V Battery**
- **An Outstanding Value At Any Price**

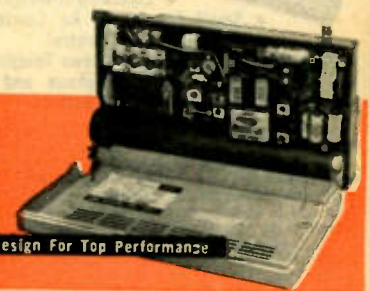


Telescoping Antenna Extended



- **Adapter for External Speaker**
- **Earphones with Cord, Plug, and Case**
- **Leather Carrying Case and Strap**

48.95

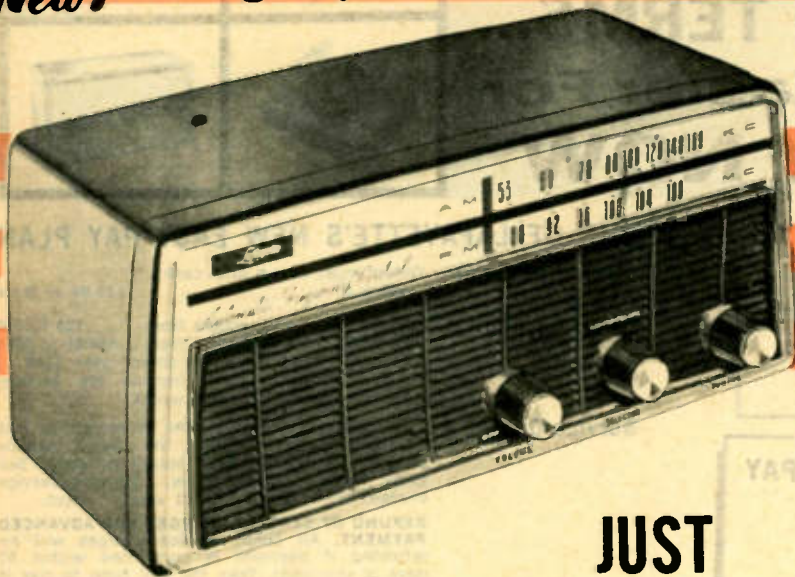


Precision Design For Top Performance

A mighty-mite in any class, the Lafayette 3 band portable outperforms many home radios. Combining extremely sensitive receiver circuitry with compact, design, this receiver is the answer to many boatmen, aviators, weather observers, and outdoorsmen. Giving versatility rarely obtainable in other portable receivers, this unit covers Long Wave, Broadcast, and Shortwave Marine Bands. It can be used to receive Weather, Broadcast, Marine, Aviation, Beacon, and Ham Stations. Features a handsome cabinet with clearly marked slide-rule dial. Nine Transistors, 2 diodes, and 1 thermistor. Powered by an inexpensive 9 volt battery. Built for years of trouble-free operation. SPECIFICATIONS: BANDS—190-400 KC, 540-1600 KC, 1.6-5MC. CONTROLS—ON-OFF Switch, Volume, Tuning, Sensitivity, Tone, and Band

Switch. Two antennas—A 9-section telescoping antenna for long and short waves and a powerful built-in ferrite antenna for Broadcast stations. PUSH-PULL AUDIO POWER OUTPUT STAGE. OUTPUTS—2 Phone jacks, phono, and AGC for external 1 ma meter. This compact, highly sensitive receiver comes complete with a handsome leather carrying case, earphone, plug, earphone case, cord, shoulder strap, battery and adapter for an external speaker. Size—8½x4½x17½". Carrying weight—less than 3 lbs. Shpg. wt., 4½ lbs.
FS-93 5.00 Down Net 48.95
Replacement battery for above receiver (Four Required)
BA-156 Net each .13

NEW! LAFAYETTE "Symphonette" FM-AM TABLE RADIO



LAFAYETTE
DOES IT
AGAIN

NEVER BEFORE HAS SUCH
HIGH QUALITY BEEN OFFERED
AT SUCH A LOW PRICE

JUST

COMPARE
29.50

- 12 Tube Performance—7-Tubes (4 Dual Purpose), 2-Diodes, 1 Rectifier
- Lock-In Automatic Frequency Control
- 2 Super-Sensitive Built-In Antennas
- Provision For External Speaker
- For AC or DC

- Streamline Design Cabinet
- Automatic Volume Control
- 4 Inch PM Speaker
- Outstanding Listening Pleasure
- At an Outstandingly Low Price

Now you can enjoy the pleasure of quality FM as well as AM radio at a price previously reserved for AM radios alone. The Lafayette "Symphonette" is a complete AM-FM table model radio for AC and DC operation. Incorporating features found only in more expensive units, it brings the luxury of FM reception right to your fingertips. Automatic Frequency Control, utilizing effective triode circuitry, assures drift-free FM operation. Lock-in of FM stations eliminates annoying retuning and adds to your listening pleasure. Automatic volume Control softens any sudden blasts of volume and makes tuning stations of different levels a cinch. A supersensitive AM tuned-antenna brings in stations clearly

while reducing unwanted noise. An FM antenna is provided for to assure all the benefits of clear, pure tone. The 4" PM speaker produces rich sound from low to high range to enhance your music-listening pleasure. A stylish polished plastic cabinet, in distinct, contrasting black and white, has an easy to read slide dial for AM and FM bands. Contains 7 tubes, 2 diodes, and 1 selenium rectifier for 12 tube power-packed performance. A receptacle on the rear of the radio allows quick addition of a second speaker. For 117 volts; 60 cps AC or DC. Size 10" wide, 5" deep, 5¼" high. Shpg. wt., 5 lbs.

FS-221

Net 29.50

NEW! LAFAYETTE SUPER BUY AC/DC TABLE RADIO

COMPARE THESE FEATURES

- Power-Packed 7 Tube Performance—5 Tubes (2-dual purpose)
- Advanced Type Super-Heterodyne Circuit
- "Easy-Tune" Dial
- Attractive Decorator Cabinet
- For Home, Store, Office. Wherever Radio Pleasure is desired

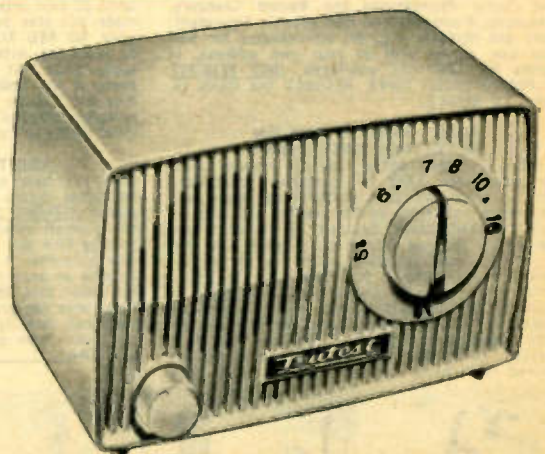
AT AN UNBELIEVABLE

10.95

Now you can have real power-performance and a modern design cabinet at an unbeatable price. This Lafayette SUPER-BUY features 5 tubes (2 Dual Purpose) giving 7 tube performance for clear, steady sound. A sturdy 3½" Alnico PM Speaker gives fine tone response from low bass to high treble.—Makes listening to music a pleasure again. An unusual "Easy-Tune" dial makes station selection simple. The built-in precision loop antenna make stations come in loud and clear, while reducing annoying buzz and static often found in table radios. Covers the entire broadcast band from 530 to 1600 KC. Tubes: 1-12BE6, 1-12BD6, 1-12AV6, 1-50C5, 1-35W4. Will operate on 105-125 volts AC 60 cps or DC. Dimensions 4½" high, 6¾" wide, 3¾" deep. Shpg. wt., 3 lbs.

FS-224

Net 10.95



NEW! LAFAYETTE EASY PAY PLAN TERMS... Makes it Even Easier For YOU to BUY NOW



IT'S SIMPLE TO OPEN AN ACCOUNT—
CHOOSE EITHER STANDARD
OR EXTENDED TERMS

ON ORDERS AS LOW AS \$20!

Take Advantage of these new EASY PAY Features TODAY

- ★ **New Lowest Down Payments**
Only \$2.00 Down on orders from \$20 to \$50
Only \$5.00 Down on orders from \$50.01 to \$200
Only \$10.00 Down on orders over \$200
- ★ **Longer Repayment Period**
New Optional Extended Easy Pay Terms permit payments up to 24 months.
- ★ **It's Easy To Open A Lafayette Account**
Fast — Economical — Confidential
- ★ **Immediate Handling**
Orders shipped immediately upon approval of credit
- ★ **Simplified "Add-On" Purchases**
No Down Payment For "Add-On" Purchases of less than 100.00

Lafayette's EASY PAY Plan enables you to order on new easier terms the equipment you want now even if you are short of ready cash. This sensible plan permits you to pay out of future earnings — and at the lowest carrying charges! You can buy whatever you please under this plan, including High Fidelity Systems; individual Hi-Fi units and accessories; Test Equipment; Kits; Public Address and Intercom Equipment; Amateur Gear; Power and Hand Tools; Binoculars and Photographic Equipment; Telescopes; Books and Manuals, etc. All merchandise for personal use, to be kept at your own address, is eligible for EASY PAY privileges. (NOT ELIGIBLE are PRE-RECORDED TAPES, RECORDS and items intended for RESALE.)

HERE'S HOW TO BUY ON LAFAYETTE'S EASY TERMS

To order your merchandise, use the regular Lafayette order blank. EASY PAY customers must complete the front and back of the order blank and sign, where indicated, on the reverse side. Fill in the Retail Installment Contract by following the step-by-step example shown as a guide. Do not fill in the space indicating sales tax unless delivery is to be made in New York City. To insure prompt processing, the contract must be filled in accurately and completely, and must be properly signed. Answer the simple questions beneath the Retail Installment Contract if this is your first Lafayette EASY PAY order, or if some of the required facts have changed since your last EASY

PAY order. Be sure to give complete names and addresses of references listed. Attach the remittance for your down payment and mail the order/contract. (DO NOT include transportation charges as these should be paid only on arrival of shipment).

As soon as your application is approved, your order will be shipped. Your first installment is not due until 30 days after date of shipment. Lafayette has made this plan as simple and confidential as possible. NO RED TAPE. Any responsible person over 21 years old, with a regular source of income, can apply. EASY PAY privileges are available to residents of the United States (all 50 states), Puerto Rico and Canada, where payment of collect transportation charges is possible. It does not apply to other points or countries.

ADDITIONAL PURCHASES

Once you have established credit with Lafayette, additional orders between \$20 and \$100 may be placed WITHOUT DEPOSIT. If your present account has a small balance, the new order will be given another EP# and they will be treated as two separate accounts. If your present account still has a balance of more than \$50, or if your new order is for more than \$50, the new order may be combined with the present balance and paid in one installment monthly under one account number. If you wish them combined, simply write "Combine with EP# _____" and write in your present EP#.

TERMS OF LAFAYETTE'S NEW EASY PAY PLAN

Minimum Order Orders must have a total cash value of **\$20.00** or more

Down Payment Only \$2.00 down on orders from \$20 to \$50
Only \$5.00 down on orders from \$50.01 to \$200
Only \$10.00 down on orders over \$200
(Larger down payments reduce the service charges and monthly payments).

Service Charge You may choose either the Standard or the Extended plan to obtain the lowest service charges for the greatest length of time. See EASY PAY schedules below. Lafayette service charges are designed to fit every budget.

REFUND OF SERVICE CHARGES FOR ADVANCED PAYMENT. All credit service charges will be refunded if payment is completed within 60 days of shipment. Take the full time to pay if you wish. However, you may pay off your account at any time and obtain a partial refund of the credit service charge.

You can make your monthly payments under Standard or Extended terms shown in the new easy payment table. The extended terms permit smaller monthly payments over a larger period, up to 24 months. When ordering, please indicate in the space provided on the order blank, your choice of standard or extended terms.

Monthly Payments

"EASY PAY PLAN" PAYMENT SCHEDULE

If Unpaid Balance Is	Standard Terms		Extended Terms	
	Credit Service Charge	Monthly Payment	Credit Service Charge	Monthly Payment
UP to 20.00	2.00	5.00		
20.01 — 30.00	3.00	5.00		
30.01 — 40.00	4.00	5.00		
40.01 — 50.00	5.00	5.00		
50.01 — 60.00	6.00	6.00	7.00	5.00
60.01 — 70.00	7.00	7.00	8.00	5.00
70.01 — 80.00	8.00	7.00	9.00	5.00
80.01 — 90.00	9.00	8.00	11.00	5.00
90.01 — 100.00	10.00	9.00	13.00	5.00
100.01 — 110.00	11.00	10.00	15.00	6.00
110.01 — 120.00	12.00	10.00	17.00	6.00
120.01 — 130.00	13.00	10.00	19.00	7.00
130.01 — 140.00	14.00	11.00	21.00	7.00
140.01 — 150.00	15.00	12.00	23.00	8.00
150.01 — 160.00	16.00	12.00	24.00	8.00
160.01 — 180.00	18.00	13.00	27.00	9.00
180.01 — 200.00	20.00	14.00	30.00	10.00
200.01 — 225.00	22.50	15.00	34.00	11.00
225.01 — 250.00	25.00	16.00	38.00	12.00
250.01 — 275.00	27.50	17.00	42.00	14.00
275.01 — 300.00	30.00	19.00	45.00	15.00
300.01 — 350.00	35.00	21.00	51.00	17.00
350.01 — 400.00	40.00	24.00	58.00	19.00
400.01 — 450.00	45.00	27.00	66.00	22.00
450.01 — 500.00	50.00	30.00	73.00	24.00

Available only on orders with unpaid balances over \$50.00

On orders over \$500.00 send down payment of \$10.00 or more. Credit service charge and payments will be in proportion to amounts shown on schedule for Standard Terms. Extended Terms available if desired.



SHOP LAFAYETTE'S CATALOG IT'S FAST! IT'S EASY! IT'S ECONOMICAL

BY MAIL

24-HOUR SERVICE—Orders are fully processed within 24 hours after receipt in our Mail Order Division.

BY PHONE

To place orders at our Jamaica mail order facility, call AXtel 1-7000 (Phone Order Dept.). Our trained staff handles your call and your order is on its way in minutes.

IN PERSON

Visit any Lafayette Store location. Friendly salesmen, specially trained, give you personal attention with your electronic or Hi-Fi shopping problems.

It's so easy to shop at home through your Lafayette catalog. Turn the pages and browse from department to department. You will find your Lafayette catalog carries the most complete listing of Electronic Parts and Equipment; Scientific, Optical, Drafting Equipment; Hobbyist Kits; Hi-Fi and Stereo Components, etc. You will find many items that are available only at Lafayette. Compare our prices—you will be amazed at the values. Our 15-day money back trial period is your guarantee of complete satisfaction or your money back.

OUR PRICING POLICY

Lafayette's policy is to quote the lowest prices possible. Our catalog prices are NET, and do not include shipping charges except where marked POSTPAID. All discounts have been deducted, including 2% discount for cash.

You always receive Lafayette's lowest current price, should economic or other factors affecting our costs, allow us to reduce prices below the stated catalog prices. All prices in this catalog are subject to change without notice. Your order is filled at prices in effect at the time of shipment.

Our low price is possible because of our huge volume purchase.

HOW TO ORDER

1. Print, or write plainly, your name and address on our convenient order blank or any plain stationery (we will provide additional order blanks upon request). If your order is to be shipped to an address or person other than yourself, be sure to provide us with complete information.
2. Indicate how you want your order shipped by checking the proper square. We follow your instructions unless postal or carrier regulations restrict us, or unless a change is in your best interest. "X" after the catalog stock number indicates that the item is shipped via express (see above. "EXPRESS SHIPMENTS").
3. Fill in the complete stock number of each item ordered, quantity desired, description (include manufacturer's name where appropriate), color, price and shipping weight.
4. Total the shipping weights of all items and change ounces to pounds (16 ounces to a pound).
5. Compute the total amount for items ordered. If order is to be shipped Parcel Post, use rate table on this page to estimate postage to be added to your remittance. Overages promptly refunded. Do not send freight or express charges, these shipments are sent shipping charges collect at no additional cost to you.
6. Enter amount for tax (if any), and amount due on previous order (if any).
7. Add up the total amount of your order and enter in TOTAL Space.
8. Enter amount you are remitting in space provided next to kind of order—(Fully Paid, Easy Pay, COD Deposit) in Amount Enclosed space. If you are ordering through our convenient Easy Pay Plan, be sure you use ink, and fill in the full information requested on the reverse side of the order blank.
9. The best way to send money is by Postal Money Order, Cashier's Check, Express or Bank Money Order, Bank Draft, or your own check. We advise against sending cash through the mail unless you register your letter.

PARCEL POST SHIPMENTS

Parcel Post is best for most packages weighing up to 40 lbs. to the 1st and 2nd zones and 20 lbs. to the 3rd to 8th zones. Size of the package is restricted to not more than 72 inches in length plus girth (girth is the measurement around the widest point), if delivered to a first class post office, and up to 100 inches in length plus girth to all zones if not a first class post office. (Ask your local Postmaster or mail carrier to tell you, if you are not certain about the size or weight package deliverable to you). Items which can not be sent Parcel Post are normally sent Express (X next to catalog stock number). We advise against ordering COD since the Post Office charges you a COD handling charge plus a MONEY ORDER fee which adds to your cost, particularly on orders less than \$5.00. If you do desire COD, include 25% deposit. NOTE: Hawaii and Alaska are in the 8th zone.

Amount of Order plus Postage	Postal Money Order Rates	Postal COD Fees
Up to \$5.00	.15	.30
\$ 5.01 to \$ 10.00	.20	.40
\$10.01 to \$ 25.00	.30	.60
\$25.01 to \$ 50.00	.30	.70
\$50.01 to \$100.00	.30	.80

ORDERS FOR EXPORT SHIPMENT

Carefully fill out enclosed order blank or facsimile. Mark envelope and order blank "ATTENTION EXPORT DEPARTMENT". Enclose with completed order blank, dollar check or draft drawn on a U.S. bank; remit international postal money order or open confirmed irrevocable letter of credit. Full payment should accompany order and include 20% above merchandise value to cover international postage, insurance, consular fees and other export shipping costs including crating charges when necessary. Slightly more should be allowed for heavy items and ocean or

air freight shipments. We credit your account for every cent not used or refund balance upon request. Merchandise supplied packed in heavy reinforced corrugated cartons. All prices are F.O.B. our Jamaica, New York warehouse and subject to change without notice. We reserve the right to route order by the best method where order does not indicate routing or when method suggested is impossible or impractical. Items marked "Postpaid" refer only to shipments made to points within the eight U.S. Postal Zones, including Alaska and Hawaii.

EXPRESS SHIPMENTS

The letter "X" after the catalog stock number (Example—HF 671X) identifies items which exceed parcel post size or weight limits or are delicate and require special handling. These items are shipped express to insure safe arrival to you by the fastest possible method.

Do not send any money for Express charges with your order. Charges are collected upon delivery at no extra cost to you. If there is no agent in your town, specify your nearest express office. Insurance is included in your express rates.

APPROXIMATE EXPRESS CHARGES (SUBJECT TO RATE CHANGES)

Express charges are also determined by the weight of the shipment and the distance of consignee from the shipper. The following chart indicates approximate charges. Add 3% Federal Transportation Tax.

Weight	100		150		300		500		750		1000		2000		2500		3000	
	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles
20 lbs.	3.05	3.18	3.67	4.26	4.48	4.53	5.85	6.48	6.58	6.85	7.69	8.65	8.79	10.81	10.99	12.20	12.98	13.20
30 "	3.36	3.55	4.28	5.19	5.49	5.74	6.93	7.69	8.13	8.54	10.81	11.38	12.98	13.20	15.13	15.42	17.29	17.63
40 "	3.66	3.90	4.88	6.09	6.50	6.93	8.54	9.54	10.57	11.73	16.93	19.47	19.85	23.80	24.25	28.64	30.00	31.63
50 "	3.96	4.26	5.49	7.02	7.51	8.13	11.38	12.98	15.13	17.29	21.64	24.25	28.64	31.63	36.02	38.63	43.02	45.63
60 "	4.26	4.64	6.13	7.92	8.55	9.34	13.22	15.13	17.29	21.64	24.25	28.64	31.63	36.02	38.63	43.02	45.63	50.02
70 "	4.57	5.01	6.73	8.84	9.57	10.52	15.09	17.29	21.64	24.25	28.64	31.63	36.02	38.63	43.02	45.63	50.02	54.42
80 "	4.87	5.38	7.34	9.75	10.57	11.73	16.93	19.47	21.64	24.25	28.64	31.63	36.02	38.63	43.02	45.63	50.02	54.42
90 "	5.18	5.73	7.95	10.67	11.60	12.91	18.78	21.64	24.25	28.64	31.63	36.02	38.63	43.02	45.63	50.02	54.42	58.82
100 "	5.48	6.09	8.56	11.57	12.61	14.12	20.62	23.80	26.98	30.16	33.34	36.52	39.70	42.88	46.06	49.24	52.42	55.60

IF IT IS NECESSARY TO WRITE US:

On Fully Paid Orders, we return your original order papers. Please check all explanations on the order and related papers. If you do write, please return all order papers, invoice, and related papers. If you do not have the order papers, please give us the complete stock number, quantity and description of the item in question and be sure you have given us the same name and

address that appeared on your order. On Easy Pay Orders—Be sure you mention your EP Account number. IMPORTANT—If sending in a new order, please write all correspondence or remarks not related to your order on a separate sheet of paper. This will speed handling of both your order and your inquiry.

HOW TO RETURN MERCHANDISE (Merchandise returned must be in new condition)

By Parcel Post—Place all order papers, correspondence, and your instructions, in an envelope INSIDE your package. On the outside of the package, mark "FIRST CLASS MAIL ENCLOSED" and add the additional amount of first class postage for the enclosure. If parcel was received damaged, be sure you receive a report from your postman and

enclose with papers. By Express—If your shipment is received damaged, obtain a report from your express agent and mail to us. Wait until you receive our instructions on how to return. NOTE—Merchandise not regularly stocked that has been ordered special for you is NOT returnable for refund or exchange.

PARCEL POST RATES FOR ALL ZONES

Subject to post office rate changes

SHIPPING WEIGHT	ZONES							
	Local	1-2 up to 150 Miles	3 151 to 300 Miles	4 301 to 600 Miles	5 601 to 1,000 Miles	6 1,001 to 1,400 Miles	7 1,401 to 1,800 Miles	8 Over 1,800 Miles
		3c for the first 2 ounces and 1½c for each additional ounce						
Up to but not including 16 ozs.								
to 2 lbs.	\$0.24	\$0.33	\$0.35	\$0.39	\$0.45	\$0.51	\$0.58	\$0.64
3	.26	.38	.41	.47	.55	.64	.74	.83
4	.28	.43	.47	.55	.65	.77	.90	1.02
5	.30	.48	.53	.63	.75	.90	1.06	1.21
6	.32	.53	.59	.70	.85	1.03	1.22	1.40
7	.34	.58	.65	.77	.95	1.16	1.38	1.59
8	.36	.63	.71	.84	1.05	1.29	1.54	1.78
9	.38	.68	.77	.91	1.15	1.42	1.70	1.97
10	.40	.73	.83	.98	1.25	1.55	1.86	2.16
11	.42	.77	.89	1.05	1.35	1.67	2.02	2.34
12	.44	.81	.95	1.12	1.45	1.79	2.18	2.52
13	.46	.85	1.01	1.19	1.55	1.91	2.33	2.70
14	.48	.89	1.07	1.26	1.65	2.03	2.50	2.88
15	.50	.93	1.13	1.33	1.75	2.15	2.66	3.06
16	.52	.97	1.18	1.40	1.85	2.27	2.81	3.24
17	.54	1.01	1.23	1.47	1.95	2.39	2.96	3.42
18	.56	1.05	1.28	1.54	2.05	2.51	3.11	3.60
19	.58	1.09	1.33	1.61	2.15	2.63	3.26	3.78
20	.60	1.13	1.38	1.68	2.25	2.75	3.41	3.96
FOR EA. ADDED LB. ADD 2c		4c	5c	7c	9c	12c	15c	18c

PARCEL POST HANDLING CHARGES

up to 5.00	.05	10.01 to 25.00	.15
5.01 to 10.00	.10	25.01 to 50.00	.20

AIR SHIPMENT

We can ship your order Air Parcel Post, Air Express or Air Freight if you desire. Air Parcel Post rates are listed below. For Air Express charges see your local Railway Express Agency, and your nearest commercial airport office for Air Freight charges. Air Parcel Post limits are 70 lbs. in weight, 100" in size (combined length and girth), except APO and FPO which are 2 lbs. and 30" combined length and girth.

AIR PARCEL POST RATES

ZONES	1,2,3	4	5	6	7	8	U.S. Territories, Possessions and APO & FPO Addresses
For each	.60	.65	.70	.75	.75	.80	.80 per lb.
Add		Add	Add	Add	Add	Add	
extra lb.	.48	.50	.56	.64	.72	.80	

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"MIGHTY"

The MOST POWERFUL
9 TRANSISTOR PERSONAL PORTABLE
WITH 2-DIODES, AND 1-THERMISTOR

THE RADIO THAT HAS TAKEN THE COUNTRY BY STORM!

9

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NEW!

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LIGHTWEIGHT SHIRT-POCKET SIZE. PLAYS FOR HOURS ON 2 MOST INEXPENSIVE BATTERIES. SEPARATE MIXER AND OSCILLATOR. 2 IF STAGES. 4 AUDIO STAGES. 2 DIODES. AVC AMPLIFIER PERSONAL, BUILT-IN EARPHONE JACK. COMPLETE WITH LEATHER CARRYING CASE, BATTERIES, EARPHONE. FULL-TONE SPEAKER

Lafayette's new "Mighty-9" portable, the most powerful transistor radio, is the answer for those who want the best, without spending the most. Compare this portable with others selling for twice as much—compare feature for feature and you'll see why the Lafayette "Mighty-9" is your best buy. Inside the sturdy, attractive plastic case you'll find an engineer's dream—separate mixer and oscillator, diode detector and diode bias stabilizer, 2 IF stages, AVC amplifier, 4 audio

stages including push-pull audio output. Lightweight (only 9 ozs.), pocket size (4½x3x1¼"D); self-contained stand. Best of all it operates on two of the most inexpensive "Z" cell batteries—plays up to 3 times longer than on other 9 volt batteries. Complete with leather carrying case, batteries and earphone for private listening. Shpg. wt., 2 lbs.

FS-91 2.00 Down Net 26.95
BA-155 (Burgess Z type battery 2 required) Net ea. .13

complete with carrying case, batteries and earphone

NEW!
POWERFUL!

9 TRANSISTOR FM/AM PORTABLE RADIO

NOW HAVE HI-FI Wherever You Go!

- Full FM and AM Broadcast Bands
- 2 Antennas
- 2 Antenna Extension Jacks
- 3 Outputs—Speaker, Earphone and Tuner
- Operates on 4 Inexpensive Flashlight Batteries
- 9-Transistor Superheterodyne Circuit
- Complete with Earphone



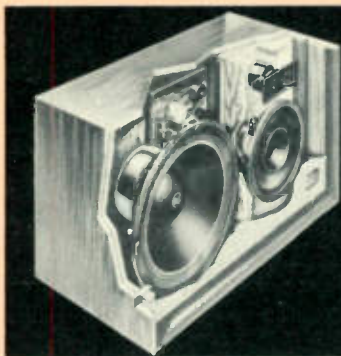
Earphone

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69⁹⁵
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Now you can have all the advantages of a portable radio with all the power of a console . . . at a price lower than you expect. A wonderful combination of advanced technique and design in an extremely efficient 9-transistor AM and FM portable radio. Features a tuner output that converts this portable to a transistorized AM/FM tuner—real hi-fi. Other highlights include speaker output, earphone output for private listening, separate AM and FM antenna extension jacks, built-in AM antenna, and 7-section telescopic FM antenna. Convenient carrying handle; on/off switch on volume control; vernier tuning knob. 2-position band selector—FM Band 86.5-108 MC, AM band 535-1605 KC. Economical

to operate—only 4 of the most popular priced "C" type flashlight batteries. Comes complete with earphone and batteries. Overall 10x2¾x6¾" high.
FS-92 5.00 Down Net 69.95
BA-156 Extra Burgess No. 1 Battery ea. Net .13





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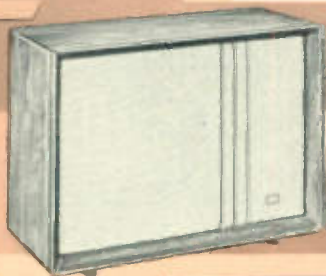
ULTRA-COMPACT SPEAKER SYSTEMS
LOW-RESONANCE SYSTEMS

DESIGNED FOR STEREO

The product of over two years of research and development—Speaker systems that are capable of reproducing the entire musical range of a symphony orchestra. E-V engineers have developed a series of compact multiple speaker systems—with each speaker specifically designed to cover only the range over which it is most perfect; each component engineered to match the other elements in the system. With this degree of specialization, all forms of distortion are held to the lowest possible levels. From relatively small sealed cabinets, bass response of astounding definition and solidity are reproduced. The use of specially designed midrange speakers

and diffraction horns with VHF drivers in their own acoustically isolated chambers, assure extended response with a clarity and definition of sound that can best be described as transparent. E-V brings you Fusion—with 180° dispersion of the high frequencies smoothly and evenly throughout the entire listening area. In addition "Presence" and/or "Brilliance" controls permit quick and easy musical balancing to room acoustics.

All cabinets are custom-crafted of select hardwood veneers, with lustrous hand-rubbed finishes to meet the most discriminating standards.

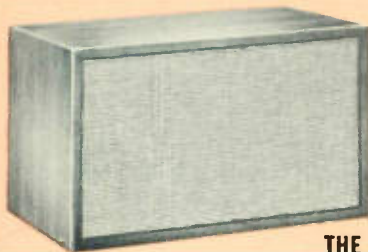


ROYAL 400

ROYAL 400

The most luxurious, compact low-resonance system available. Features a special 18-inch foam cone woofer with an 8-inch cone-type midrange speaker and compression type, diffraction horn-loaded, VHF driver. Electrical crossover points are at 200 and 3500 cycles. Response is 30-18,000 cps. Impedance 8-ohms. Size 23½Hx32Wx14¾"D. Shpg. wt., 103 lbs.

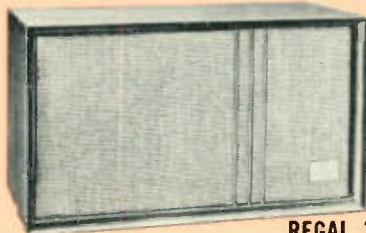
GB-52WX Mahogany	10.00 Down	Net 244.51
GB-53WX Walnut	10.00 Down	Net 244.51
GB-54WX Limed Oak	10.00 Down	Net 244.51
GB-80WX Unfinished Fir.	5.00 Down	Net 195.02



THE LEYTON

A top performer at a modest price. Utilizes a special 12" high-compliance woofer with a matched 8" cone-type speaker for middle frequencies. Electrically crosses over at 200 cycles. Finished on all 4 sides. Response: 40 to 13,000 cps. Impedance 8-ohms. Size 14½Hx24Wx12"D. Shpg. wt., 46 lbs.

GB-62WX Mahogany	5.00 Down	Net 82.81
GB-63WX Walnut	5.00 Down	Net 82.81
GB-64WX Unfinished	5.00 Down	Net 76.93



REGAL 300

Designed to provide the finest overall sound possible in a book-shelf-sized system. Based on a deluxe 12 inch foam cone woofer electrically crossing over at 200 cycles into an 8 inch cone type midrange and at 3500 cycles into a compression-type VHF tweeter. Response from 35 to 18,000 cps. Impedance 8 ohms. Finished on all 4 sides. Size: 14Hx25Wx13½"D. Shpg. wt., 64 lbs.

GB-76WX Mahogany	5.00 Down	Net 175.42
GB-77WX Walnut	5.00 Down	Net 175.42
GB-78WX Limed Oak	5.00 Down	Net 175.42
GB-79WX Unfinished Fir	5.00 Down	Net 146.02

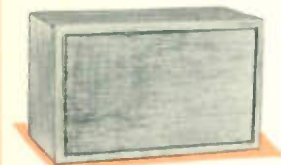


ESQUIRE 200

An economical version of the outstanding Regal 300. Includes special 12" woofer, an 8" mid-range cone-type speaker and a compression-type VHF driver. Crossover points at 200 and 3500 cycles. Response: 40-18,000 cps. Finished on all 4 sides. Impedance 8 ohms. Size: 14Hx25Wx13½"D. Shpg. wt., 50 lbs.

GB-58WX Mahogany	5.00 Down	Net 130.34
GB-59WX Walnut	5.00 Down	Net 130.34
GB-60WX Limed Oak	5.00 Down	Net 130.34
GB-75WX Unfinished Fir	5.00 Down	Net 105.35

THESE FAMOUS ELECTRO-VOICE COMPACT SPEAKER SYSTEMS NOW IN EASY TO BUILD KITS



REGAL 300 KIT

Achieve the same premium—quality performance of the factory assembled Regal 300 bookshelf speaker system by building this new kit. Response 35-18,000 cps. Birch exterior surfaces allow professional-like finishes. Size: 22Hx31½Wx11¾"D. Shpg. wt., 64 lbs.

GB-82WX	5.00 Down	Net 122.50
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The famous E-V Regal and Esquire Low Resonance Speaker Systems now available in completely engineered kits. All wood parts are pre-cut, with glue, screws and nails included. Complete with all speakers and components. Easy Step-by-Step instructions show you how to do-it-yourself. See Index For Finishing Kits



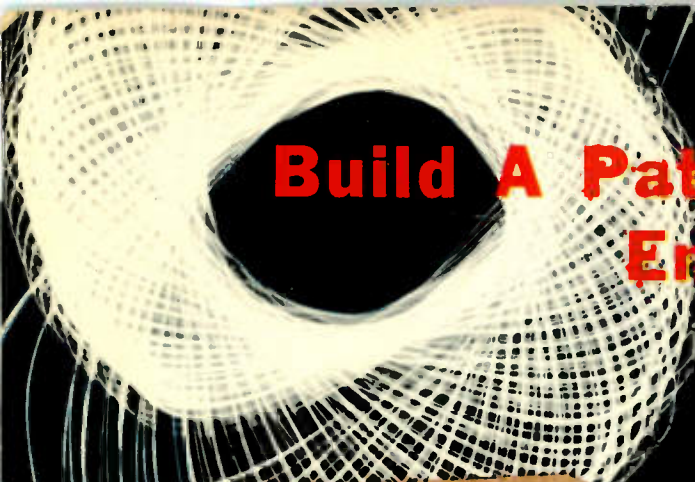
ESQUIRE 200 KIT

The same fine extended bass response and performance of the factory assembled Esquire 200. Response 40-18,000 cps. Exterior surfaces of Birch provide a fine furniture finish. Size: 14Hx23½Wx12"D. Shpg. wt., 50 lbs.

GB-81WX	5.00 Down	Net 91.14
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SEE ELECTRO-VOICE SPEAKER PAGES FOR OTHER QUALITY COMPONENTS

Build A Path to A New World of Entertainment



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50-WATT STEREO AMPLIFIER... 74.50



KT-500A
FM-AM STEREO TUNER... 74.50



KT-600A
STEREO PREAMPLIFIER... 79.50



KT-650 FM TUNER... 54.50



KT-235A
36-WATT STEREO AMPLIFIER... 59.50



KT-550 100-WATT
BASIC STEREO AMPLIFIER... 134.50

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Created with the non-technical builder in mind. There's much more fun in assembling your own kit... and it's so easy.

DESIGN:

Each kit has the fine professional-looking touch. Styled to blend with every decor.

VALUE:

You can't get better units at these money-saving prices.

QUALITY:

Top performance due to high quality parts and engineering.

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For A Complete Selection of Lafayette Hi-Fi Kits, See High Fidelity Kit Pages of the Catalog.
All Lafayette Kits are Available on the Easy Pay Plan.