No. 283
INDEX Page 2-8 Sale Ends April 7, 1969

# Winter Sale 1969 

 BONUS OFFERS • NEW ITEMS - CUT PRICES NO MONEY DOWN . . UP TO 2 YEARS TO PAY

## Was ${ }^{\$ 159.95}$

Cut $\$ 10.00$ $\$ 149^{95}$
\$8 monthly

## Save Now on ALLIED ${ }^{\circledR}$ TR-1035 Solid-State Stereo Portable Tape Recorder with Built-in Speakers

Order now and save $\$ 10.00$ on this feature-packed 4 -track stereo recorder. Two built-in wide-range speakers for easy portability. Solid-state amplifier delivers five watts for true-to-life stereo. Record from stereo FM, make live recordings with the mikes included, or duplicate your prized records. Recorder can also be used as stereo tape deck with a music system for even greater stereo fidelity Full-fidelity monophonic operation, too. Separate volume controls for each channel. Tone control. Push-to-reset digital counter; instant stop for editing; dual level meters. Speeds: $71 / 2,3 \frac{3}{4}, 17 / 8 \mathrm{ips}$. Response: $40-15,000 \mathrm{~Hz}$ at $71 / 2 \mathrm{ips}$. Flutter \& Wow ; under $0.15 \%$ at $71 / 2 \mathrm{ips}$. Inputs: 2 mike, 2 aux. Outputs: preimp, extension speakers, stereo headphones. Vinyl-covered case, $121 / 2 \times 153 / 4 \times 73 / 8^{\prime \prime}$ With $7^{\prime \prime}$ takeup reel, 2 mikes, patch cords. For $110-120 \mathrm{~V}, 60 \mathrm{~Hz}$ AC. From Japan. Shpg. wt., 32 lbs. 15 T 7577 RU. $\$ 8$ Monthly


## Famous Allied 333 Stereo FM-AM Receiver

## GREAT VALUE! LOADED WITH DELUXE EXTRAS

Selector Switch Has Six Positions for Virtually Any Audio Source

Dual-Concentric Volume Control Adjusts Channels for Perfect Balance

Recorder Inputs and Outputs plus Monitoring Switch for 3-Head Decks

Front-Ponel Stereo Headphone Jack with Speaker Switch for Private Listening

Was
$\$ 129.95$
\$5 monthly

- Never Before at This Low Price - 64 Watts Peak Stereo Power Output
- Controls and Inputs for Every Source - FM Stereo Light Shows Stereocast
- Sensitive FM-AM Tuning "Eye"
- $2.5 \mu \mathrm{~V}$ FM Sensitivity
- Tape Input, Output, Monitor
- Velver-Smooth Flywheel Tuning

> Remarkable value! Famous Allied 333 32-watt stereo FM-AM receiver at $\$ 30.95$ savings-Winter Sale standout! Receiver is loaded with features usually found only in much higher priced components. Delivers 64-watt peak power output for amazingly true-to-life stereo FM! sharp, clear monophonic FM and AM too. Deluxe preamp has inputs and controls for virtually every program source. Magnetic phono, tape deck, high and low auxiliary inputs. Full tape recorder and monitoring facilities.

Wide slide-rule dial, flywheel tuning, Magic Eye tuning indicator and stereo indicator light make it easy to pinpoint stations. Time-switching multiplex circuit. AFC locks in FM stations, prevents drift. Loudness control for full-range sound even at low volume. Dual-concentric volume-balance; separate bass and treble controls. Front-panel stereo headphone jack, speaker muting switch. Outputs for 8,16 -ohm speakers. FM Sensitivity: $2.5 \mu \mathrm{~V}$ for 20 dB quieting. Response: $\pm 2 \mathrm{~dB}, 20-30,000 \mathrm{~Hz}$. Harmonic Distortion: less than $1 \%$ at rated output.
Built-in AM antenna, twin-lead FM dipole antenna. Circuit has 13 tubes, tuning eye, 2 silicon rectifiers, 8 diodes. Extruded heavy-gauge metal front panel in Sierra Gold. With handsome metal case; order optional walnut wood case below. Overall size, $53 / 8 \times 1513 / 6 \times 13 \% 6^{\prime \prime}$. For $110-120$ volts, 60 Hz AC . From Japan. Shpg. wt., 28 lbs.
14 T 5073 RU. 85 Monthly
99.00

14 T 5008 RX. Oiled Walnut Wood Case. Shpg. wt., 5 lbs.
14.95

## For Greater Buying Power

## NO MONEY DOWN <br> You Need № Cash

## YOU Can Step Up to Betfer Living Now...



BIG Advantages
When You Have an Allied Credit Fund Account

1. NO MONEY DOWN Allied makes it easy to buy and so convenientl Buy whatever you want to the full limit of your Credit Fund. Nothing to pay for 30 doys.
2. CONTINUOUS BUYING POWER Your Allied Credit Fund is like a lump sum deposit of money invested by Allied under your name, and ready for use by you alone at any time.
3. YOU CAN TAKE UP TO 24 MONTHS TO PAY Allied spreads your payments to suit your budget.
4. A PERMANENT AND SELF-REPLENISHING FUND Purchases are charged against your Credit Fund, but every payment you make reduces the balance due and at the same time increases your credit. Your Credif Fund is always ready for you to use over and over again.
5. MAKE ADD-ON PURCHASES ANYTIME No need to complete payments on a previous purchase to make a new purchase. Just say 'Charge $1 t$ '". After your first order, your signature on any Allied order blank is all you need to make future purchases. Minimum add-on order required is only $\$ 10$.
6. YOU ALWAYS KNOW WHERE YOUR ACCOUNT STANDS You get a full statement each month showing your purchases, payments, unpaid balance, and most importont-the amount of unused credit in your account for odd-on purchases.
7. USE YOUR CREDIT FUND AS A 30-DAY CHARGE ACCOUNT No service charge when you pay in full within 30 days.
8. SHOPPING IS QUICKER AND EASIER You never have to figure freight or delivery charges - we prepay them and include them in your statement. It's the simplest, mast convenient way to buy what you need.

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Wire

# ALLIED <br> guargntees your complete satisfaction OR YOUR MONEY BACK 

If for any reason you are not satisfied with your purchase, return it to us with in 30 days in the original factory carton and we will exchange it or return your money (less transportatian charges). Merchandise returned must not have been abused or altered. This policy does not apply to kits. See page 450 in aur Catalog No. 280 for kit guarantees.

## IMPORTANT

Allied will ship your order the best and lowest cost way. Items weighing up to 30 lbs. and otherwise mailable will usually be sent Parcel Post. Items not mailable because of their fragile nature, or size or weight are generally shipped by truck or REA Express (see below). NOTE: On Credit Fund orders, Allied will figure all shipping charges for you and include them in your statement. On cash orders, remit all shipping charges. Don't worry about sending too much-every extra cent will be refunded promptly. Include handling charge of 50 c if your order is under $\$ 5.00$.

## PARCEL POST RATES AND INSURANCE

PARCEL POST. The post office charges a fraction of a pound as a full pound. For example, if the total weight is 4 pounds and 1 ounce, postage would be for 5 pounds.
INSURANCE. We insure all Parcel Post shipments with a private insurance company. In case of loss or damage, adjustments are fast and easy. Allow for insurance as follows:
$\$ 2.00$ to $\$ 15.00$
204
$\$ 50.01$ to $\$ 100.00$
$\$ 100.01$ to $\$ 150.00$
$\$ 150.01$ and Up
\$ 15.01 to $\$ 50.00 \ldots . . . . . . . . .30$.

PARCEL POST RATES
To verify your Parcel Post zone, see 1969 Catalog 280 or contact your post office.

| WEIGHT <br> 1 Lb \& Not Exceeding | Local | 1st \& 2nd <br> Zone up <br> to 150 mi . | 3rd Zone 150 to 300 mi . | 4 th Zone 300 to 600 mi . | 5th Zone 600 to 1000 mi . | 6th Zone 1000 to 1400 mi . | $\begin{aligned} & \text { 7th Z one } \\ & 1400 \text { to } \\ & 1800 \mathrm{mi} \text {. } \end{aligned}$ | 8th Zone Over 1800 mi |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | \$0.50 | \$0.60 | \$0.60 | \$0.65 | \$0.70 | \$0.80 | \$0.85 | \$0.90 |
| 3 | . 50 | . 65 | . 70 | . 75 | . 85 | . 95 | 1.05 | 1.15 |
| 4 | . 55 | . 70 | . 75 | . 85 | . 95 | 1.10 | 1.20 | 1.35 |
| 5 | . 55 | . 75 | . 80 | . 90 | 1.05 | 1.25 | 1.40 | 1.60 |
| 6 | . 55 | . 80 | . 90 | 1.00 | 1.15 | 1.40 | 1.55 | 1.75 |
| 7 | . 60 | . 90 | . 95 | 1.10 | 1.30 | 1.50 | 1.75 | 1.95 |
| 8 | . 60 | . 95 | 1.00 | 1.15 | 1.40 | 1.65 | 1.90 | 2.15 |
| 9 | . 65 | 1.00 | 1.05 | I. 25 | 1.50 | 1.80 | 2.05 | 2.35 |
| 10 | . 65 | 1.05 | 1.15 | 1.35 | 1.65 | 1.90 | 2.25 | 2.55 |
| 11 | . 65 | 1.10 | 1.20 | 1.40 | 1.75 | 2.00 | 2.40 | 2.75 |
| 12 | . 70 | 1.15 | 1.25 | 1.50 | 1.85 | 2.15 | 2.55 | 2.90 |
| 13 | . 70 | 1.20 | 1.35 | 1.55 | 1.85 | 2.25 | 2.70 | 3.10 |
| 14 | . 75 | 1.25 | 1.40 | 1.65 | 2.05 | 2.40 | 2.85 | 3.25 |
| 15 | . 75 | 1.30 | 1.45 | 1.75 | 2.15 | 2.50 | 3.00 | 3.45 |
| 16 | . 75 | 1.35 | 1.55 | 1.80 | 2.25 | 2.60 | 3.15 | 3.60 |
| 17 | . 80 | 1.40 | 1.60 | 1.90 | 2.35 | 2.75 | 3.30 | 3.80 |
| 18 | . 80 | 1.45 | 1.65 | 1.95 | 2.45 | 2.85 | 3.45 | 4.00 |
| 19 | . 85 | 1.50 | 1.75 | 2.05 | 2.55 | 2.95 | 3.60 | 4.15 |
| 20 | . 85 | 1.55 | 1.80 | 2.10 | 2.65 | 3.10 | 3.75 | 4.35 |
| 21 | . 85 | 1.60 | 1.85 | 2.15 | 2.75 | 3.20 | 3.90 | 4.50 |
| 22 | . 90 | 1.65 | 1.90 | 2.25 | 2.80 | 3.30 | 4.05 | 4.70 |
| 23 | . 90 | 1.70 | 1.95 | 2.30 | 2.90 | 3.40 | 4.20 | 4.85 |
| 24 | . 95 | 1.75 | 2.00 | 2.35 | 3.00 | 3.55 | 4.35 | 5.00 |
| 25 | . 95 | 1.75 | 2.05 | 2.45 | 3.05 | 3.65 | 4.50 | 5.20 |
| 26 | . 95 | 1.80 | 2.05 | 2.50 | 3.15 | 3.75 | 4.65 | 5.35 |
| 27 | 1.00 | 1.85 | 2.10 | 2.55 | 3.25 | 3.90 | 4.80 | 5.55 |
| 28 | 1.00 | 1.90 | 2.15 | 2.60 | 3.35 | 4.00 | 4.90 | 5.70 |
| 29 | 1.05 | 1.90 | 2.20 | 2.70 | 3.40 | 4.10 | 5.05 | 5.90 |
| 30 | 1.05 | 1.95 | 2.25 | 2.75 | 3.50 | 4.20 | 5.20 | 6.05 |

Over 30 lbs. shipped truck or express. Full information in Catalog 280.

## TRUCK AND REA EXPRESS SHIPMENTS

See Allied's 1969 Catalog 280 or call your local transportation agent to determine approximate charges. Items with the suffix " $U$ " in Allied's stock no. will usually be shipped Express. Items with suffix "W" or " $Z$ ' are usually shipped by truck. Express charges usually include home delivery in cities and towns and, in some cases, to rural areas. Truck shipments to some areas may be subject to a residential delivery charge. If you have any questions contact your local REA Express or truck agent.



Extra Savings

32-Watt Stereo FM-AM-Phono System with ALLIED 333 Receiver
Order this excellent stereo FM-AM-phono system now and get savings of \$155.30. Specially-selected components provide thrilling stereo realism. Allied 33332 -Watt Stereo FMI-AM Receiver delivers 64 watts of peak power. Inputs for all sources; tape monitor; headphone jack. Deluxe tube circuit. With metal case; optional walnut case below. Garrard SL75 Automatic Turntable and Base. Precise Synchro-Lab motor. cuing, anti-skate. Shure M91E Deluxe Stereo Elliptical Cartridge. Tracks from $3 / 4-11 / 2$ grams. Two Argos TX-4 Three-Way $12^{\prime \prime}$ Speaker Systems. $12^{\mu}$ Jensen woofer. $8^{\prime \prime}$ midrange, $3 \frac{1}{2}$ " tweeter. Walnut veneer. With cables, hi-fi booklet. Shpg. wt., 106 lbs.
14 T0167' D5Z. 816 Monthly.
14 T 5008 RX. Oiled Walnut Wood Receiver Case. Shpg. wt., 5 lbs............... 14.95

${ }_{\text {Save s }}{ }^{5} 199^{95}$ s59.75 sio mem
(A) Low-Cost 32-Wot Stereo FM-AM-Phono System Featoring ALIIED 333 Receiver
Separately, \$259.70. Enjoy music in exciting stereo at a budget price. Allied 333 32-Watt Stereo FM-AM Receiver provides hi-fi stereo FM and extra-clear AM. Wide slide-rule dial, Magic Eye indicator and stereo light for precise tuning. With metal case; optional walnut case above. Allied 919 4-Speed Automatic Turntable and Base. Manual or automatic operation, cuing, anti-skate. Empire 888 Stereo Cartridge. Diamond stylus. 30 dB separation. Two Allied 3002 Two-Way $8^{\prime \prime}$ Speaker Systems. $8^{\prime \prime}$ woofer, $31 / 2^{*}$ tweeter. Walnut veneer. With cables, hi-fi booklet. Shpg. wt., 75 lbs. 14 T 0165 DSU. $\$ 10$ Monthly. $\qquad$
B Top-Value 32-Watt Stereo FM-AM-Phono System Featoring MLLIED 333 Recoiver
Separately. 8367.70. Outstanding true-to-life stereo at big savings. Allied 333 32-Watt Stereo FM-AM Receiver gives you 64 watts peak power for stirring stereo FM. Superior time-switching multiplex circuit. With metal case; optional walnut case above. Allied 9294 -Speed Automatic Turntable and Base. Low-mass aluminum pickup arm, cuing, pop filter, heavy platter. Pickering V15/ACE-3 Stereo Elliptical Cartridge. With record brush. Two Allied A3030B ThreeWay 12" speaker systems. Assembled. $12^{*}$ woofer. $6^{\circ}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Walnut veneer. With cables, hi-fi booklet. Shpg. wt.. 99 lhs.
14 T 0166 DSZ. $\$ 13$ monthiy. . .......... . 249.95

Save ${ }^{s} 155.30$ $\$ 299^{95}$
$\$ 15$ monthly
Separately, \$455.25


Save ${ }^{s} 117.75$

## Allied 32-Watt Stereo Receiver and Systems




> Save $\$ 17995$ ${ }^{s} 44.80$
> \$9 monthly

Separately, \$294.75. For the hi-fi buff on a budget! Features the Allied 335 Receiver. With metal case; optional walnut case above. Allied 4804 -Speed Automatic Turntable features automatic shutoff, stereo ceramic cartridge with flipover synthetic-sapphire needles, and base. Allied 3002 2-Way Speaker Systems have $8^{\prime \prime}$ woofer, $31 / 2^{2}$ tweeter. Oiled walnut veneer finish. With cables, hi-fi booklet. Shpg. wt., 73 lbs.
14 T 0176 D5U. $\$ 9$ Monthly.
179.95

## B Deluxe ALLIED 335 32-Watt Stereo FM-AM-Phono System

Scparately, \$324.70. Superbly matched component system features the Allied 335 Receiver. FET's, $2.5 \mu \mathrm{~V}$ IHF FM sensitivity. Metal case; optional wood case above. Allied 919 4-Speed Automatic Turntable with Base. Has cuing, anti-skate. Shure M93E Stereo Cartridge has $.0004 \mathrm{x} .0007^{\prime \prime}$ elliptical diamond stylus. Allied 3015B 3-Way Speaker Systems have $10^{\prime \prime}$ woofer, $5^{\prime \prime}$ midrange, $31 / 2^{*}$ tweeter. Oiled walnut veneer finish. Cables, hi-fi booklet. Shpg. wt., 84 lbs . 14 T 0175 D5U. 812 Monthiy. 234.95


Save $\$ 234^{95}$ ${ }^{s} 89.75$
\$12 monthly

## Allied 45-Watt Stereo Receiver and Systems

## ALIIED 355 Solid-State Stereo FM-AM Receiver

## ${ }^{5} 179^{95}$ <br> Metal Case

$\$ 9$ monthly

The Allied 355 is the outstanding choice for those who demand fine performance at low cost. Sensitive front-end and FM switching circuit assure superb mono and stereo FM. Preamp features loudness contour, tape monitor, clutched volume. Flywheel dial, signal-strength meter, and stereo indicator light simplify tuning. Response: $\pm 1 \mathrm{~dB}, 20-30,000 \mathrm{~Hz}$. Separation: 35 dB at 1000 Hz . Neoprene covered plug-in speaker connectors. Metal case; optional wood case below. $5 \times 16 \times 12^{\prime \prime}$. 110-120 VAC. Japan. 14 T 5071 RU. Shpg.-wt., 27 lbs. 89 Monthly............... 179.95 14 t 5003 RX. Oiled Wainut Wood Case. Shpg. wt., 6 ibs...... 19.95

## Check These Importont Features

- 45 Watts IHF, 90 Watts Peak Output
- Transformeriess Output for Wide Response
- 2 Microvolt IHF FM Sensitivity
- Precision Tuning Meter with Stereo Indicator Light for Easy Tuning
- 59-Semiconductor Circult. with FiveTransistor Output Protection
- Preamp Boasts Full Control Facilities


> Save $\$ 229^{95}$
> \$12 monthly

## Extra Savings <br> A) Special-Valve ALIIED 355 45-Wut? Stereo FM-AM Phono System

Separately, 814.70. Delivers dazzling stereo at a low price. Features the Allied 355 with automatic FM switching, tape monitor, stereo headphone jack. Metal case; optional wood case above. Allied 919 4-Speed Automatic Turntable with Base. Cuing, antiskate, Pickering V15/ACE-3 Stereo Elliptical Cartridge has "Dustamatic" record cleaning brush. Allied 3002 2-Way Speaker Systems have $8^{\prime \prime}$ woofer, $31 / 2^{\prime \prime}$ tweeter. Cables, hi-fi booklet. Shpg. wt., 74 lbs.
14 T 0289 D5U. 12 Monthly.
229.95

## (8) Deluxe ALIIED 355 45-Wot Stereo FM-AM Phono System

Separately, 5404.25 . Top-quality system features the Allied 355 with tuning meter, output protection, AFC. With metal case; optional wood case above. Garrard SL-55 4 Speed Automatic Turntable has cuing, antiskate, base. Empire 80sE Stereo Cartridge has . $0004 \times .0009$ elliptical diamond stylus. Allied 3030B 3-Way Walnut Speaker Sys. tems have $12^{\circ}$ woofer, $6^{\prime \prime}$ midrange, $312^{\prime \prime}$ tweeter. Cables, hi-fi book. 99 lbs. 14 T 0173 D5Z. \&15 Monthly.......... 299.95


Save 104.30

Save<br>${ }^{5} 50.00$

Was
$\$ 249.95$
$\$ 10$ monthly


Check These Special Fectures

$\checkmark$ Integrated Circuit IF Section plus Sensitive Field-Effect-Transistor Front-End
$\checkmark$ Automatic All-Electronic Schmidt FMStereo Switching Circuit
/ "Shortproof" Plug-In Speaker Connectors With Neoprene Covers
$\checkmark$ Transformerless Output for Wide Frequency Response and Power Bandwidth

## ALLIED ${ }^{*} 380$ 80-Watt Stereo FM-AM Receiver

One of Allied's best stereo receivers at tremendous savings! Deluxe 61-semiconductor circuit. Sensitive FET fronteend. Four integrated circuits in super-selective IF stage. FM circuit has superior Schmidt electronic automatic stereo-mono switching. Preamp is equipped for all sources including tape monitor, and has tape transport input. Signal-strength meter and stereo indicator light for always-perfect tuning. AFC. Stereo headphone jack. High filter. Ferrite A M antenna, FM dipole. Fused output protection. Main/remote speaker switch. Output, 80 watts IHF at 4 ohms. Response $\pm 3 \mathrm{~dB}, 20-70,000 \mathrm{~Hz}$. FM sensitivity, 1.8 MV IHF. Capture ratio, 3.5 dB . With metal case. Optional wood case below. $5 \times 16 \times 12^{\circ}$. For $117 \mathrm{~V}, 50-60 \mathrm{~Hz}$ AC. From Japan. Shpg. wt., 28 lbs.
14 T 5076 RU. 510 Monthly
: 199.95
14 T 5003 RX. Oiled Walnut Wood Case. Shpg. wt., 6 lbs... . 19.95


## Top-Performing 80-Watt Stereo FM-AM-Phono-Tape Music System

- Allied 380 Receiver - Allied TD- 1030 Tape Deck
- Garrard SL65 Automatic Turntable and Base
- Empire Cartridge - Goodmans Speaker Systems

Separately, sr09.25. Quality matched components for top performance. Features Allied 380 80-Watt Solid-State FM-AM Receiver. Powerful 160 -watts peak output. With metal case; takes optional walnut case above.
Deluxe Allied TD-1030 Three-Speed Stereo Tape Deck. Has capacitor-start motor for smooth, powerful performance. Singlemknob function control with instant stop. Walnutveneer wood case. With 7" takeup reel.
Garrard SL65 4-Speed Automatic Turntable and Base. Synchro-Lab motor; cuing; automatic intermix. Automatic or manual operation. Empire 888E Stereo Elliptical Cartridge.
Two Goodmans G-10 3-Way Speaker Systems. $12^{\prime \prime}$ woofer, $6^{r}$ midrange, $31 / /^{\prime \prime}$ tweeter. Walnut veneer. With cables, hi-fi booklet. 152 lbs . 14 T 0177 O6Z. sil Monthly
499.95

Extra Savings

Shown in walnut case
$\square$


ALLIED Specially Selected 80-Watt Stereo FM-AM-Phono System
Separately, 554.25. Fine-quality ensemble offers great stereo at big savings. Allied 380 80-Watt Solid-State Stereo FM-AM Receiver has integrated circuit IF, FET front-end. Schmidt electronic automatic stereo-mono switching. Plug-in speaker connectors. Metal case; optional wood case below.
Garrard SL65 Four-Speed Automatic Turntable and Base. Synchro-Lab motor for eract speeds. Cuing and pause con-
trols. Full-size platter. Pickering XV15/ AME Stereo Cartridge with elliptical diamond stylus.
Two Argos TX-4 Three-Way $12^{\prime \prime}$ Shelf Speaker Systems. $12^{\prime \prime}$ Jensen woofer, $8^{*}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Oiled-walnut finish. With all cables, hi-fi booklet. Shpg. wt., 105 lbs.
14 T0180 D5Z. \$18 Monthly. .. 379.95 14 T 5003 RX. Oiled Walnut Receiver Case. Shpg. wt., 6 lbs.. . . . . . . . . . . . . . . 19.95

Save ${ }^{s} 164.30$
Complete 80 Watt Stereo Music System

$$
\$ 3799^{95}
$$

\$18 monthly
(4) ALLIED Budget-Priced 80-Watt Stereo FM-AM-Phono System

Separalely, \$414.70. A remarkable value at this special low price. Allied 380 80-Watt Solid-State Stereo FM-AM Receiver has sensitive FET front-end, 4 integrated circuits in IF stage. Schmidt automatic stereo-mono switching. Illuminated tuning meter. With metal case; optional wood case above. Allied 919 4-Speed Automatic Turntable with Base. Has cuing, anti-skate adjustments. Empire 808E Stereo Elliptical Cartridge. Allied 3015B 3-Way Speaker Systems. Have $10^{*}$ woofer, $5^{\prime \prime}$ midrange. $31 / 2^{\prime \prime}$ tweeter. Walnut finish. With all cables, hi-f booklet. Shpg. wt., 95 lbs. 14 T0179 D5z. $\$ 15$ Monthly. ........... . . 299.95

B ALLIED Top-Value 80-Watt Stereo FM-AM-Phono System

Separately, 8497.70. Exciting true-to-life stereo at a moderate price. Allied 380 80-Watt SolidState Stereo FM-AM Receiver features Schmidt automatic stereo FM switching, short proof speaker connections. With metal case; optional wood case above. Allied 929 4-Speed Automatic Turntable and Base. Dynamically balanced pickup arm; balanced platter. Automatic or manual operation. Shure M93E Stereo Elliptical Cartridge. Two Allied 3030B Three-Way Speaker Systems. $12^{*}$ woofer $6^{\prime \prime}$ midrange, $31 / 2$ " tweeter. Assembled. Walnut finish. With cables and hi-fi booklet. Shpg. wt., 99 lbs. 14 T 0178 D5z. \$17 Monthly. . . . . . . . . . . 349.95

# Closeout Sale! $\$ 22995$ Metal Cose $\$ 12$ monthly 



Shown in wood case

## Check These Important Features

- Transformerless Audio Output Assures Extremely Wide Power Bandwidth
- Stable Voltage-Regulated Power Supply
- Between-Station Silencing While Tuning
- Transistorized Output Circuit Protection
- Complete Tape Monitoring Facilities
- Equalized for $71 / 2$ and $33 / 4$ ips.
- Deluxe 82-Semiconductor Circuit


## Model 399 Solid-State Stereo FM-AM Receiver

One of Allied's finest stereo receivers, now offered at a spectacular low price! Deluxe 82 -semiconductor circuit delivers life-like stereo and mono FM, wideband AM. Brute 122-watt IHF output is precisely controlled by the full-feature preamp. Has complete taping controls, stereo headphone jack, interstation muting, tuning meter, stereo indicator light. Four dual-tuned IF stages. Schmidt multiplex circuit assures remarkable 35 dB stereo FM separation. Sensitivity is better than $1.5 \mu \mathrm{~V}$ IFF. No transformers in output circuit-response is ultra-wide: $=1 \mathrm{~dB}, 18-60,000 \mathrm{~Hz}$. Five-transistor output protection circuit; neoprene covered plugin speaker connectors. With metal case. Optional wood case below. $5 \times 16 \times 12^{*} .117$ VAC. Japan. Shpg. wt., 30 lbs.
$14 \mathrm{~T} 5070 \mathrm{U}^{\circ} 512$ Monthly.
.229 .95
14 T 5003 RX. Oiled Walnut Wood Case. Shpg. wt., 6 ibs..... 19.95

## ALIIED 399 Stereo FM-AM-Tape-Phono System



- Dazzling 122-Watt IHF Power
- Complete Tape Facillities
- Precision Automatic Turntable

Separately, $\$ 750.25$. Tremendous power and versatility are at your fingertips with this super-system. Allied 399 has tape jacks and tape monitor, plus equalization switch for $71 / 2$ and $33 / 4 \mathrm{ips}$. With metal case; optional wood case above.
Allied TD-1030 3-Speed Stereo Tape Deck features capacitor-start motor, dual recording controls and mike inputs, single-knob function control. Has walnut-veneer wood case, 7 ' takeup reel.
Garrard SL-75 Automatic Turntable has Synchro-Lab motor, cuing, and antiskate. With Base. Pickering XV15/AME Stereo Cartridge has "Dustamatic" brush, $.0003 x$ $.0009^{\prime \prime}$ elliptical diamond stylus. Goodmans G-10 3-Way Acoustic Suspension Speaker Systems have $12^{\prime}$ woofer, $6^{\circ}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Walnut. With cables, hi-fi booklet. Shpg. wt., 154 lbs.
14 T0172 D6Z. f89 Monthly......... . 549.95

## 122-Watt Stereo Systems E Extra Savings



Shown in wood case

## Top-Valve ALLIED 399 Stereo FM-AM-Phowo System

Separately, \$994.70. An outstanding system for the costconscious audio buff. Features the Allied 399 Receiver with tape monitor, headphone jack, and interstation muting. Metal case; optional wood case above. Allied 919 4-Speed Automatic Turntable has cuing, antiskate, base. Empire 808 E Stereo Elliptical Cartridge. Allied 3015B 3-Way Speaker Systems have $10^{\circ}$ woofer, $6^{\circ}$ midrange, $31 / 2^{\circ}$ tweeter. Cables, hi-fi booklet. Shpg. wt., 88 lbs. 14 T 0347 D5U. $\$ 16$ Monthly.


Shown in wood coso

## Deluxe ALUED 399 Stereo FM-AM-Phono System

Separately, $\$ 507.70$. This is a top-quality system featuring the Allied 399 Receiver with transistorized output protection and all-silicon transistors. Metal case; optional wood case above. Allied 929 4-Speed Automatic Turntable with cuing, antiskate, and base. Shure M93E Stereo Elliptical Cartridge. Argos TX-4 3-Way Walnut Speaker Systems have $12^{\prime \prime}$ woofer, $8^{\prime \prime}$ midrange, $31 / 2^{\prime \prime}$ tweeter. With cables and hi-fi booklet. Shpg. wt., 102 lbs.
14 T 0171 D5Z. $\$ 18$ Monihly.......
389.95

## ALLIED 160-Watt Stereo Receiver and Systems



# $\$ 299^{95}$ 

 \$15 monthly
# ALLIED 395 160-Watt 

 Stereo FM-AM ReceiverFinest and most powerful Allied stereo receiver! Deluxe solid-state circuit; sensitive FET front-end; integrated circuits in IF stage for high selectivity. Tuning meter, smooth flywheel tuning, and automatic FM stereo switching. Between-station muting. Solidstate protection circuit for output transistors. Tape monitor. 160 watts IHF at 4 ohms; 55 watts rms per channel. $\pm 1.5 \mathrm{~dB}, 16-100,000$ Hz. Inputs: magnetic phono (2), ceramic phono, tape head, aux. AM, FM antennas. With metal case; optional wood case below. $5 \frac{1}{2} \times 16 \times 133 / 4$. For $110-120$ VAC. Jspan.
14 T 5074 RU. Shpg. wt., 30 lbs. $\$ 15$ Monthly
299.95

14 T 5003 RX. Oiled Walnut Wood Case. Wt., 6 lbs........... 19.95


Value-Priced 160-Watt System

'197.75
$\$ 18$ monthly

Lowest Price Ever!
(A) Big-Value ALIUED 395

160-Watt Stereo FM-AM-Phono System
Separately, $857 \pi, 70$. Priced for value. Allied 395 160-Watt FM-AM Receiver. 71 semiconductors; IC's, FET's. Metal case; optional wood case above. Allied 929 4-speed Automatic Turntable with Base. Antiskate, sutomatic or manual operation. Empire 888 E Stereo Elliptical Cartridge. Argos TX-4 Speaker Systems have $12^{\circ}$ Jensen woofer, $8^{*}$ midrange, $31 /{ }^{\prime \prime}$ tweeter. Walnut. With cables, hi-fi broklet. Wt., 103 lbs. 14 T 0168 D5L. 818 Monthly.
379.95

## (B) Superb ALILED 395 160-Wett <br> Stereo FM-AM-Phono Music System

Separately. \$685.50. Our best "395"' system. Allied 395 160-Watt FM-AM Receiver pours out 300 watts peak power for spectacular stereo. With metal case; optional wood case above. Garrard SL95 3-Speed Automatic Turntable and Base. Synchro-Lab motor for perfect speed. Shure M91E Stereo Elliptical Cartridge. Goodmans G-10 Speaker Systerns each with $12^{\prime \prime}$ woofer, $6^{\prime \prime}$ midrange, $31 / 2^{\circ}$ tweeter. Walnut veneer. With cables and hi-fi booklet. Wt., 132 lbs. 14 T 0169 D5Z. seio Monthly.
479.95


Our Best 160-Watt System
Save ${ }^{s} 205.35$ $\$ 479^{95}$ $\$ 20$ monthly

## New Fisher 127 40-Waft Solid-State Stereo Tape Cassefte-Phono-FM System

This "do-everything" compact features 40 -watt solid-state stereo FM receiver, quality 4 -speed automatic turntable, stereo tape cassette recorder and two speaker systems, each with $8{ }^{\prime \prime}$ woofer and $3^{7}$ tweeter. FET's and integrated circuits for superb stereo FM. Wide array of controls.
Stylish walnut matching cabinets. Response: $25-25,000 \mathrm{~Hz}$. Sensitivity: 2.0 $\mu \mathrm{V}$ IHF. Cassette recorder has level meters, includes two mikes. Receiver, $8 \times 233 / 8 \times 16^{\prime \prime}$. Speaker systems, $81 / 2 x$ $171 / 2 \times 15 /^{\circ}$. For $110-120$ VAC. Shpg. wt. 80 lbs. 13 T 0941 L3U. seo Monthly. . . 449.95


Records Up to 2 Hours on Compact Cassettos

## New Scott 3600 65-Watt Stereo FM "Casseiver"

Scott's Cassette/Receiver features 65 watts controlled by a versatile preamp, plus stereo tape cassette recorder. Tuner has silver-plated FET front end and IC's in the IF strip. Preamp has speaker switches, noise filter, headphone jack. Recorder has mike inputs, record level meters, digital counter, pushbutton controls. Records directly from Casseiver's deluxe FM tuner. 65 watts IHF@4 ohms. $2.5 \mu \mathrm{~V}$ sensitivity. Size, $221 / 2 \times 113 / 4 \times 4^{7 / 8}{ }^{\circ}$ deep. Shpg. wt., 24 lbs.
13 T 2036 U. $\$ 16$ Monthly... . . 359.95


- Silver-Plated FET Front End
- IC's in Preamp and IF Strip
- Versatile Preamp for All Music Sources
- Synchronous Recorder Motor
$\$ 16$ monthly



## Stereo FM-Phono

 Systems with the Sherwood S-7600
## (A) Deluxe 80-Watt Stereo System

Separately, $\$ 85.25$. Outstanding system features Sherwood Stereo FM Receiver with FET front end. Optional cases below. Garrard SL-75 Automatic Turntable with Base. Synchro-Lab motor, cuing, antiskate. Empire 888VE Stereo Super-Elliptical Cartridge. Two Goodmans G-10 Acoustic Suspension Speaker Syatems have 12" woofer, $6^{\prime \prime}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Walnut veneer. With cables, hi-fi booklet. 122 lbs. 13 T 0499 D5Z. \$21 Monthly...
499.95

## Top-Value 80-Watt Stereo System

Separately, 8587.25 . Quality system features Sherwood S-7600 with all-silicon transistors, tape monitor, headphone jack. Optional cases below. Allied 929 4-Speed Automatic Turntable with Base. Cuing, antiskate. Shure M93E Stereo Elliptical Cartridge. Two Argos TX-4 Speaker Systems have $12^{\circ}$ woofer, $8^{\circ}$ midrange,

Save ${ }^{\$}{ }^{185.30} 499^{95}$
\$21 monthly $31 / 2^{\circ}$ tweeter. Oiled walnut veneer. With cables, hi-fi booklet. Shpg wt., 96 lbs. 13 T 0927 D5U. $\$ 19$ Monihly.
429.95 13 T 2428 RX . Walnut Metol Case. 8 lbs..... 9.00 13 T 2427 RX. Walnut Wood Case. 8 Ibs..... 28.00

# Save Up to $\$ 75.003$ 

# Scott's Finest, Most Powerful Siereo FM-AM Receiver 

## Was $\$ 474.95$

${ }^{8} 3999^{959}$
Cut 575.00

## Scott 388B 120-Watt Stereo FM-AM Receiver

- Super-Sensitive FET Frant-End and IC's in IF Stages for Dazzling Stereo FM - Preamp Has Complete Control Focilities for Tape, Phono, and Mikes

Tremendous savings on Scott's finest stereo FM-AM receiver. Sensitive FET front-end plus four IC's in the IF stages assures magnificent reception of stereo and mono FM. Excellent AM reception. Preamp has full facilities for tape, phono, and mikes. Muting, tuning meter, tape monitor, stereo indicator light, scratch and rumble filters, and main/remote speaker switch. Power: 120 watts IHF at 4 ohms. Response: 41 dB , $15-30,000 \mathrm{~Hz}$. Sensitivity: $1.5 \mu \mathrm{~V}$. Harmonic distortion : $0.8 \%$. Tuner Stereo Separation: 40 dB . Capture Ratio: 1.9 dB . Outputs: $4-16$ ohms, stereo headphones, tape. Size $4^{15} 1_{16} \times 15^{9} 96 \times 121 / 4^{\prime \prime}$. Optional case below. For $110-$ 120 V. 60 Hz AC. Shpg. wt., 291 bs.
13 T 2717 RU. 818 Monthly.
399.95

13 T 2733 RX. Walnut Wood Case. Shpg. wt., 8 lbs. s5 Monthly..... 26.95


Shown in walnul sase

3828 65-Watt Stereo FM-AM Receiver

## Cut ${ }^{5} 30.05{ }^{\$} 25995$

Was 8990.00. Renowned Scott quality at an exciting low price! Advanced FET front-end and four IC's provide superior FM reception. Excellent AM reception. Preamp features complete taping facilities. Has transformerless silicon output stage for wide response: $=1$ $\mathrm{dB}, 18-25,000 \mathrm{~Hz}$. Sensitivity: $2.2 \mu \mathrm{~V}$. FM separation: 36 dB . Outputs: $4-16$ ohms, tape, stereo headphones. $4^{7}$ 伯 $\times 151 / 16 \times 113 / 4^{3}$. Optional case below. For $110-120 \mathrm{~V}$. 60 Hz AC . Shpg. wt., 17 lbs.
13 T 2713 RU. $\$ 13$ Monihly.................... 259.95
13 T 2001 RX. Brown Metal Case. Wt., 5 lbs......... 12.50
13 T 2040 RX. Walnut Wood Case. Wt., 6 lbs. .

## Prices Cut on SCOTT Solid-State Stereo FM Receivers



## Scott 348B 120-Watt Stereo FM Receiver

- Deluxe Preamp Boasts Complete Cantrof Facilities for All Sources
- Mighty 120. Watt IHF Output with Transformerless Output Stoge

Magnificent stereo FM receiver at huge $\$ 70.00$ savings. Offers famous Scott engineering, deluxe features and superlative performance. Silverplated Field-Effect-Transistor front-end plus four integrated circuits for super-sensitivity and high selectivity. Preamp has control facilities for every audio source including microphones and guitar. Computer-type pushbutton switches. Muting, tuning meter, tape monitor, stereo indicator light. Power: 120 watts IHF @ 4 ohms. Response: $=1 \mathrm{~dB}, 15-30,000 \mathrm{~Hz}$. Sensitivity: $1.5 \mu \mathrm{~V}$. Harmonic distortion: $0.8 \%$. Outputs: $4-16 \mathrm{ohms}$, stereo headphones, tape recording. $4^{15} / 6 \times 15 \% / 16 \times 121 / 4$. Optional case below. For $110-120 \mathrm{~V}, 60 \mathrm{~Hz}$ AC.
13 T 2720 RU. Shpg. wt., 25 lbs. $\$ 18$ Monthly.
13 T 2733 RX. Walnut Wood Case. Shpg. wt., 8 lbs . 85 Monthly.
379.95


Shown in wolnut case

## 342B 65-Watt Stereo FM Receiver

$$
\text { Cut }^{\$} 15.05 \$ 2399^{95} 9
$$

[^0]Allied Has The Latest in Stereo High-Fidelity

Dazzling Stereo FM, 120-Watts
IHF Power, Luxurious Styling
Was $\$ 449.95$

## ${ }^{5} 3799^{955}$

Cut $\$ 70.00$


## 344C 90-Watt Stereo FM Receiver

$$
\text { Cut }^{\$} 40.00{ }^{\$ 299} 99^{95}
$$

Was \$399.95. Lowest price ever on one of Scott's finest receivers. Siliver-plated FET front-end with four IC's in the IF's assures superb mono and stereo FM. Tuning meter, interstation muting, main/remote/both speaker switch, and tape monitor, Preamp has facilities for all sources including mikes and guitar. Transformerless silic on transistor output. Response: $15-30,000 \mathrm{~Hz}, \pm 1 \mathrm{~dB}$. Sensitivity: $1.9 \mu \mathrm{~V}$. Outputs: $4-16$ ohms, stereo headphones, tape. $51 / 2 \times 171 / 8 \times 13^{\circ}$. Optional case below. For 115 VAC . Shpg. wt., 25 lbs.
13 T 2714 RU. Sis Monthly.
299.95

13 T 2733 RX . Wainut Wood Case. Wt., 6 ibs.
.. 26.95

## Price Slashed on Fisher 200T Stereo FM Receiver

## Save $\$ 50.00$ $\$ 229^{95}$

Was $\$ 279.95$

## SPECIFICATIONS

Amplifier Circuit. Rated Ponver Output (IHF): 70 watts at 4 ohms; 50 watts at 8 ohms. Frequency Response: $+0,-2$ dB, 20 to $25,000 \mathrm{~Hz}$. Harmonic Distortion: $0.8 \%$. Hum and Noise: 80 dB down. Oulpuls: 4 to 16 ohms main and remote speakers; stereo headphone; tape recorder. Inputs: Magnetic Phono, Tape Monitor, Auxiliary. Tuner Circuit. Sensitivity (IHF): 2.0 microvolts. Sionai-fo-Noise Ratio: 65 dB. Capture Ratio: 2.5 dB (IHF). Channel Separation: Exceeds 35 dB . Power Requirement: $105-120$ volts, 50 60 Hz AC. Size: $418 / 15 \times 151 / \mathrm{K}^{2} \times 11^{\prime \prime}$.

## Sensational Low Price on Value-Packed 70-Watt Solid-State Stereo FM Receiver

\author{

- Automatic Stereo-Mono FM Switching - Main/Remote Speaker Swith <br> - Front-Panel Stereo Headphone Jack - Gold-Plated Front Panel <br> - Illuminated D'Arsonval Meter and Slide-Rule Dial for Easy Tuning
}

Exciting $\$ 50.00$ price-cut on a deluxe receiver featuring traditional Fisher excellence, luxurious styling, and superb stereo performance. Offers true hi-f reception of stereo FM, plus control facilities for every music source. Uses latest Field-Effect transistors in the front end for purest reception. Time-division multiplex circuit for maximum stereo separation. Integrated circuit IF amplifier.
Advanced circuit bousts four IF stages, three limiters, and widebanddesign detector for exceptionally high sensitivity and selectivityprovides outstanding reception in all signal areas. "Stereo Beacon" stereo indicator light glows and circuit automatically switches to stereo when stereocast is received. Muting switch prevents noise when dialing between stations. Wide easy-to-read slide-rule dial. Convenient front-panel stereo headphone jack. Transistorized overload protection circuit protects output transistors.
Controls include Dual Bass and Treble, Balance, Volume; Speaker switch with Main/Remote, Main Only, Remote Only and Off positions plus rocker switches for Mono/Stereo, Muting, Loudness. Inputs for magnetic phono, tape recorder, auxiliary. Beautiful gold-plated front panel for lasting elegance. Optional case below. Shpg. wt., 241 lbs.
13 T 2082 RU. 812 Monhiy.
229.95

13 T 2074 RX. Oiled Walnut Wood Case. Shpg. wt., 6 lbs...
. 22.45

## Deluxe Stereo Systems Featuring Fisher 200T

## ( 8 Superb 70-Watt Stereo FM-Phono Music System

Separately, 8574.25. Enjoy big savings on a top-quality stereo system, selected to satisfy the comnoisseur. Fisher 200T 70-Watt SolidState Stereo FM Receiver has Field-EffectTransistors and integrated circuits for superior FM reception. Between station muting. "Stereo Beacon" indicator light, tuning meter. Optional case below.
Garrard SL65 Four-Speed Synchro-Lab Automatic Turntable with Base. Has cuing lever, anti-shate compensation. Automatic or manual operation. With Pickering XV-15/ AME Stereo Elliptical Cartridge, complete with record-protecting stylus brush.
Two Argos TX-4 Three-Way Walnut Speaker Systems each with $12^{*}$ Jensen woofer, solid-back $8^{\prime \prime}$ midrange, $31 / 2^{\prime \prime}$ tweeter. With cables and hi-fi booklet. Wt., 100 lbs.
13 T 0487 D5Z. $\$ 18$ Monthly
399.95

## 13 T 2074 RX. Walnut Wood Case. 6 lbs. 22.45

## (B) Budget-Priced 70-Watt Stereo FM-Phono Music System

Separately, 8444.70. Thrilling stereo at a money-saving low price. Features the deluxe Fisher 200r 70 -Watt Solid-State Stereo FM Receiver. Has latest eircuit design with Field-Effect-Transistors and integrated circuits for extraordinary stereo FM reception. "Stereo Beacon" indicator light. Between station muting. Optional case below.
Allied 919 4-Speed Automatic Turntable with Base. Has low-mass arm for high trackability. Cuing lever, anti-skate, stylus pressure adjustrnent. Automatic or manual operation. "Pop" filter. Empire 808E stereo cartridge with elliptical stylus.
Two Allied 3015B 3-Way Oiled Walnut Speaker Systems each with $10^{\prime}$ woofer, $5^{\prime \prime}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Complete with cables, hi-fi booklet. Shpg. wt., 81 libs.
13 T 0489 D5U. $\$ 16$ Monthly.
339.95

13 T 2074 RX. Walnut Wood Case. 6 lbs. 22.45

## [) Special Value 70-Watt <br> Stereo FM-Phono Music System

Separately, s.517.70. Excellent quality stereo systena at a moderate price. Fisher 200'T 70Watt Solid-State Stereo FM Receiver has sensitive Field-Effeet-Transistors and integrated circuits for unsurpassed stereo FM reception. "Stereo Beacon" indicator light. Tuning meter. Between-station muting cuts noise when dialing. Optional case below.
Allied 929 4-Speed Automatic Turntable and Base. Has extra-heavy cast, balanced platter. Stylus pressure and anti-skate adjustments. Cuing, pause controls. Automatic or manual operation. "Yop" filter. Pickering V15/ACE3 Stereo Elliptical Cartridge.
Two Allied 3030B 3-Way Speaker Systems each with $12^{\prime \prime}$ woofer, $6^{*}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Assembled. Handsome oiled walnut finish. Complete with cables and hi-fi booklet. Shpg. wt., 94 lbs.
13 T0488 D5U. \&18 Monthly....... 379.95
13 T 2074 RX. Walnut Wood Case. 6 lbs. 22.45
(1) Save ${ }^{5} 174.30$ $\$ 399^{95}$ $\$ 18$ monthly
${ }^{\text {B }}$ Save ${ }^{8} 104.75$ \$339 ${ }^{95}$ 950
$\$ 16$ monthly



## © Save

 ${ }^{\text {s }} 137.75$ ${ }^{\text {s }} 37995$ $\$ 18$ monthly
# FISHER 190 <br> WATTS $\$ 449^{95}$ <br> $\$ 20$ monthly 

Sensational New Features


## NEW

## 500-TX Solid-State Stereo FM-AM Receiver . . Fisher's Finest!

- Mighty 190 Watts IHF Music Power
- AutoScan Electronic Touch Tuning
- Tune-O-Matic ${ }^{(8)}$ FM Pushbutton Tuning plus Conventional Flywheel Tuning
- High-Sensitivity FM Tuner Has Crystal IF Filter and Dual-Gate MOSFETs
- Five-Way Speaker Selector Including Center Channel, Main, Remote
- Fisher's Famous Stereo Beacon
- Pushbutton High and Low Filters, Loudness Contour and Muting
- Ceramic Ladder Filter on AM

Finest Fisher solid-state receiver ever offered. Features tremendous 190 watt power, superb stereo FM and razor-sharp AM reception. Three methods of tuning FM-flywheel tuning, AutoSern touch tuning, and Tune-O-Matic pushbutton memory tuning. AutoScan electronically seans the dial and converts the signal-strength meter to a frequency indicator. Tune-O-Matic pushbuttons for your four favorite FM stations.
Extremely sensitive FM tuner has dual-gate RF MOSFETs and crystal IF filter to assure finest reception under the most difficult conditions. New 4 resonator ceramic ladder-filter reduces interference on AM. Five-way speaker selector (including center channel), between-station muting, high and low filters, loudness contour.
Power Output: 190 watts IHF at 8 ohms. Response: $\pm 1.5 \mathrm{~dB}, 15-25,000$ Hz . Sensitivity: $1.7 \mu \mathrm{~V} .51 / 8 \times 167 / 8 \times 141 / 2 *$. Optional case below. 13 T 2627 U. Shpg. wt., 30 lbs. 820 Monthly.
449.95 13 T 2042 X. Walnut Vinyl Case. Shpg. wt., 9 lbs.
22.95

\$27 monthly

## Stereo FM-AM-Phono Sysfems Featuring the Fisher 500-TX

## (A) Finest Fisher System

Separately, \$815.25. Our finest Fisher system features the Fisher 500-TX 190-Watt Stereo FM-AM Receiver with AutoScan, Tune-O-Matic, and dual-gate MOSFETs. Garrard SL-75 Automatic Turntable has cuing, antiskate, and stylus force adjustment. With Base. Pickering XV15/AME Stereo Elliptical Cartridge. Goodmans G-10 3-Way Acoustic Suspension Speaker Systems have $12^{*}$ woofer, $6^{*}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Walnut veneer finish. With cables, hi-f booklet. Shpg. wt., 131 lbs.
13 T0490 D5Z. \$27 Monthly... 649.95

## Deluxe Fisher System

Separately, s787.70. Outstanding component system features the Fisher 500 TX 190-Watt Stereo FMM-AM Receiver with AutoScan, Tune-O-Matic, and crystal IF filters. Allied 9294 -Speed Automatic Turntable has cuing, antiskate, stylus force adjustment. With Base. Empire 888E Stereo Elliptical Cartridge. Argos TX-4 3-Way 12" Speaker Systems have $12^{\prime \prime}$ Jensen woofer, $8^{\prime \prime}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Oiled walnut veneer. With cables, hifi booklet. Shpg. wt., 106 lbs.
13 T 0491 DSZ. S25 Mouthly... 579.95


150


## 400-T Powerful Solid-State Stereo FM-AM Receiver

- 150 Watts IHF Music Power
- Automatic Mano/Stereo Switching
- Tune-O-Matic FM Pushbutton Tuning plus Smooth Flywheel Tuning
- $2.0 \mu \mathrm{~V}$ Usable IHF Sensitivity
- 5-position Program Selector
- Fisher's Famous Stereo Beacon
- d'Arsonval Tuning Meter
- Pushbutton for Main and Remote Speakers, Loudness and Muting
- Direct Tope Monitor Pushbutton
- Front Panel Stereo Heodphone Jack

Deluxe new Fisher receiver offers magnificent stereo FM, enough power to drive several sets of speakers, and modern convenience features, Latest solid-state circuits assure the sensitivity and selectivity required for outstanding FM and AM. Exclusive Tune-O-Matic pushbutton memory tuning lets you preset four favorite FM stations on the dials at the right side of the receiver. To hear your station press the desired pushbutton . . the easy and modern wry to tune.
In addition, has conventional flywheel tuning, complemented by Stereo Beacon, automatic mono/stereo switching and d'Arsonval tuning meter. Dual concentric bass and treble with Baxandall feedback circuits. Pushbuttons for muting, tape monitor, loudness, main and remote speakers. Power Output: 150 watts IHF at 8 ohms. Response: $\pm 2 \mathrm{~dB}, 15-20,000 \mathrm{~Hz}$. $151 / 2 \times 51 / 4 \times 141 / 2^{*}$. Optional case below. Shpg. wt., 25 Ibs.
13 T 2626 U. 917 Monthly.
349.95
$13 T 2041 \mathrm{X}$. Wolnut Vinyl Cose. Shpg. wt., 9 Ihs..........
22.95


Save
${ }^{s} 114.75$

## Stereo FM-AM-Phono Systems Featuring the Fisher 400-T

## © 8 Special Stereo System

Separately, $\$ 574.40$. Outstanding component system features the Fisher 400-T 150-Watt Stereo FM-AM Receiver with Tune-O-Matic, muting. Stereo Beacon. Allied 919 4-Speed Automatic Turntable has cuing, antiskate. With Base. Pickering V15/ ATE-3 Stereo Elliptical Cartridge has dustamatic brush. Allied 3030B 3Way Speaker Systems have $12^{\prime \prime}$ woofer, $6^{\prime \prime}$ midrange, $3^{1 / 2 "}$ tweeter. Oiled walnut veneer cabinets. With cables, hi-f booklet. Shpg. wt., 95 lbs.
13 T 0492 D5U. 819 Monihly. . 459.95

## B Top-Value Stereo System

Separately, $\$ 694.25$. High quality system features the Fisher $400-\mathrm{T}$ with Tune-O-Matic, muting, tape monitor, main and remote speaker pushbuttons. 150 watts IHF. Garrard SL-65 4-Speed Automatic Turntable has Synchro-Lab motor, cuing, antiskate. Base. Shure M93E Stereo Elliptical Cartridge has .0004x.0007" diamond stylus. Argos TX-4 3-Way Speaker Systems have $12^{\circ}$ Jensen woofer, $8^{\prime \prime}$ solid-back midrange, $31 / 2^{\prime \prime}$ tweeter. Walnut veneer. Cables, hi-fi book. Shyg. wt., 99 lbs .
13 T0493 DsU. s21 Monthly. . 499.95


Save ${ }^{5} 134.30$
${ }^{\$} 499^{95}$ $\$ 21$ monthly

## Save! Stereo Systems with Eico 3570 Receiver Kit

Save ${ }^{\text {s } 137.75}$
$\$ 319^{95}$
$\$ 16$ monthly

## 70-Watt Stereo FM-Phono Kit System

Separately, 2457.70. Deluxe component system features the Eico 3570 Receiver Kit with an impressive array of preamp controls, excellent $2.4 \mu \mathrm{~V}$ FM sensitivity, and 70 watts IHF music power. Has switchable AFC, tape monitor, all-silicon transistors, and a vinyl-clad metal case. Allied 929 4-Speed Automatic Turntable has cuing, antiskate. With Base. Pickering XV15/AME Stereo Elliptical Cartridge. Two Argos TX-4 Speaker Systems. $12^{\prime \prime}$ woofer, $8^{\prime \prime}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Walnut veneer. Cables, hi-fi book. 13 T 0494 D5U. Wt., 88 lbs. E16 Monthly..... 319.95 13 T 2342 U. 3570 Kit Alone. Wt., 14 lbs.
169.95

Save ${ }^{5} 74.75$ ${ }^{5} 269^{95}$
\$14 monthly


## Budget-Priced 70-Watt Stereo Kit System

Separately, \$444.70. Low priced sytem features the Eico 3570 Cortina 70-Watt Stereo FM Receiver Kit. Has response of $=0.5 \mathrm{~dB}, 8-60,000 \mathrm{~Hz}$. Separation, 40 dB . Five tuned circuits and four IF stages assure superb FM reception. Allied 919 4-Speed Automatic Turntable with cuing, antiskate, walnut finished base. Empire 888E Stereo Cartridge features . 0004 4 $.0009^{\prime \prime}$ elliptical diamond stylus. New Allied 3015B 3-Way Speaker Systems have $10^{\circ}$ woofer, $5^{\prime \prime}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Walnut veneer, matching beige grille cloth. Cables, hi-fi booklet.
13 T 0495 D5U. Wt., 72 lbs. $\$ 14$ Monthly..... 269.95

## Stereo Phono Systems with the Eico 3070 Amplifier Kit

Save ${ }^{5} 99.30$
$\$ 254^{95}$
$\$ 13$ monthly


## Deluxe 70-Watt Stereo Phono Kit System

Separately, 3354.25 . Features the Eico 3070 70-Watt Solid-State Stereo Amplifier Kit with all silicon transistors. Response, $\pm 1.5 \mathrm{~dB}, 5-100,000 \mathrm{~Hz}$, Harmonic distortion less than $0.8 \%$. Full preamp facilities for every music source. With metal case. Garrard SL65 4-Speed Synchro-Lab Automatic Turntable. With Base. Shure M93E Stereo Elliptical Cartridge Two Allied 3030B Speaker Systems. 12* wonfer, $6^{\circ}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Cables, hi-fi booklet 13 T 0496 DSU. Wt., 82 lbs. 113 Mmthly..... 254.95 13 T 2338 X. 3070 Kit Alone. Wt., 8 lbs. 99.95


Low-Cost 70-Watt Stereo Phono Kit System
Separately, \$264.70. Value-priced quality system with the Eico 3070 Solid-State Stereo Amplifier Kit. Has tape monitor, loudness contour, scratch and rumble filters, speaker selector switch, and stereo headphone jack. Metal case. Allied 919 4-Speed Automatic Turntable features cuing, antiskate. With walnut wond base. Pickering V15/ACE-3 Stereo Elliptical Cartridge. Allied 3005A 3-Way Speaker Systems have $10^{\circ}$ woofer, $6^{\prime \prime}$ midrange, $312^{\prime \prime}$ tweeter. Walnut veneer. Cables, hi-fi booklet. 13 T 0497 D5U. Wt., 63 lbs. $\$ 10$ Monthly..... 199.95

## Save on Deluxe Automatic Turntable Outfits

\section*{MIRACORD PW5OH Automatic Turntable Outfit <br> | Miracord PW 50H Turntabl | 149.50 |
| :---: | :---: |
| RB2A Walnut Base | 6.95 |
| PC-600 Power Attachment | 8.95 |
| DC-3 Dust Cover. | 5.95 |
| Empire 888VE Cortridge | 59.95 |
| TOTAL | \$231.30 |
| Outfit Price | 159.50 |
| You SAVE | \$71.80 |

- Cuing and Anti-Skating Devices
- Hysteresis Motor, 6-lb. Platter

Professional quality turntable offers manual, semi-automatic and fully automatic operation. Cuing, antiskating devices. $1 / 2$-gram tracking. Balance indicator. Calibrated head for cartridge positioning. Hysteresis motor, $6-1 \mathrm{~b}$. platter. Four speeds. $141 / 2 \mathrm{x}$ $121 / 2^{\prime \prime}$. Req. $51 / 8^{\prime \prime}$ above, $33 / 4^{\prime \prime}$ below, $2^{\prime \prime}$ to right of mounting board. With walnut base, power attachment, dust cover and Empire 888 VE cartridge. For 115 VAC. W. Germany. 13 T 0440 D4U. Wt. 36 lbs. . . . 159.50


## DUAL 1009F Turntable Outfit

Dual 1009F Automatic Turntable . . . . . . . . . . . . . . $\$ 109.50$
WB93 Deluxe Oiled Walnut Base. . . . . . . . . . . . . 11.95
DC3 Dust Cover . . . . . . . . . . . . . . . . . . . . . . . . . . . 8.95
Pickering Stereo Ellipticol Cartridge . . . . . . . . . . . . 49.95

Save $\$ 57.05 \quad$| Ountit priev |
| :---: |
| rou save |$\frac{123.30}{\$ 57.05}$

$\$ 1233^{30}$
\$7 monthly

- $6 \%$ Vari-Pitch Speed Range
- Precise One-Groove Cuing
- Balonced 4 -pound Platrer


## DUAL 1019 Turntable Outfit

Dual 1019 Automatic Turntable . . . . . . . . . . . . . . $\$ 129.50$
DCB3 Deluxe Base and
Dust Cover Combination . . . . . . . . . . . . . . . . . . . 29.50
Pickering Stereo Ellipticol Cartridge . . . . . . . . . . . 49.95
Ouftri Price 149,70
YOU SAVE $\quad \$ 59.25$

## $\$ 44070 \underset{\substack{\$ 8 \\ \text { monthly }}}{\$ 8}$ <br> - Tracks As Low As $1 / 2$-Gram <br> - Adiustoble Counterweight <br> - Balanced $71 / 2-\mathrm{lb}$. Platter

Dual's finest turntable. Automatic or manual operation. Four-speed continuous motor; $6 \%$ vari-pitch range. Precision cuing. Anti-skate. $128 / 4 \times 10^{8} / 4^{\circ}$. With deluxe base/dust cover combination and Pjckering XV-15/ AME Cartridge. 117 VAC. West Germany. 13 T 0397 D2U. Wt. 33 lbs. $\$ 8$ Monthly. 149.70


Automatic Turntable Complete With Stereo Cartridge

## $\$ 19^{95}$

 \$5 monthly
## - Automatic Intermix

- Light Tracking for Long Stylus and Recard Life


## ALLIED 480 low-Cost 4-Speed Automatic Turntable

Exciting value in an automatic turntable. Plays stack of sis $12^{\prime \prime}, 10^{\prime \prime}$ or $7^{\prime \prime}$ records automatically at $163 / 5,331 / \mathrm{s}, 45$ or 78 rpm . Mixes $10^{\prime \prime}$ and $12^{\prime \prime}$ records of same speed. Ceramic stereo cartridge with syntheticsapphire flip-over stylus. $13^{13} / 66^{11} /{ }^{7}{ }^{\circ}$. Takes optional base, 45 -rpm spindle below. $110-120 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$.10 lbs . 14 T 5460 RX. $\$ 5$ Monthly.
19.95

14 T 5471 RX. Walnut Finish Base. 3 lbs... 4.95
14 T 5463 R. 45 -rpm Spindle. 8 oz........ 1.29

## Save ${ }^{8} 47.85$

## YOU GET ALL

THIS FOR ONLY
${ }^{8} 74{ }^{95}$

\$5 monthly

Separately
$\$ 122.80$


Your Choice of Stereo Cartridge


Empire 888E
Reg. \$39.95

Pickering V15/ATE-3 Reg. $\$ 39.95$

Shure M93E Reg. $\$ 39.95$

## Above Items, but with Deluxe Stereo Elliptical Cartridge

 only $\$ 10$ moreEmpire 888VF Stereo Cartridge Reg. $\$ 59.95$

Outfit
Save
${ }^{8} 57.85$


Separately \$142.80


Extra-Heavy Cost, Balanced Platter


Adjustable AntiSkating Control


Easy-Maunt Cartridge Halder


Automatic Lack Secures Arm

## ALLIED 929 four Speed Automatic Turntable plus All Accessories for Only $\$ 5$ More

Separafely, 122.80. Outfit includes Allied 929 Automatic Turntable, Oiled Walnut Wood Base, Molded Styrene Dust Cover, plus Choice of Empire 888E, Pickering V15/ATE-3, or Shure M93E Stereo Elliptical Cartridge. Turntable has dynamically balanced low-mass tubular pickup arm with adjustable stylu: pressure, precise cuing and pause control, adjustable anti-skate ${ }_{\text {, }}$ heavy cast platter, "Pop" filter, muting, automatic or manual operation. Flutter, less than $05 \%$ : wow, less than $0.12 \%$. $131 / 8 \times 111 / 4^{\prime \prime} .115$ VAC. England. 20 lbs.
14 T0130 RCD3U. Specify Cartridge. \& Monthly. ........ 74.95 Allied 929 Autamatic Turntable Outfit with Deluxe Stereo Elliptical Cartridge for $\$ 10$ More. Separately, $\$ 142.80$. Same as outfit listed above but with Empire 888 VE deluxe Stereo Elliptical Cartridge Shpg. wt., 20 lbs.
14 T 0184 D3U. © 5 Monthly.
84.95

Allied 929 Automatic Turntable with Stereo Elliptical Cartridge for $1 \notin$ Mare. Choice of Empire 888E, Pickering V15/ATE-3 or Shure M93E stereo elliptical cartridge. Takes optional turntable base, dust cover listed below. Shpg. wt., 11 lbs.
14 TO129 RCDX. Specify Cartridge. 55 Monthly.
14 T 5429 RU. Allied 929 Tumtable Alone. Wt., 11 lbs. 69.95

## ACCESSORIES

14 T 5430 RX. Deluxe Oiled Walnut Wood Base. Wt., 3 lbs. . 7.95 14 T 5614 RX. Mounting Board. Wt., 2 lbs.
1.95
14 T 5453 RX. Dust Cover. Molded styrene. Wt.. 5 lbs......... 4.95
14 T 5454 R. $\overline{4} 5$-rpm Automatic Spindle. Wt., 12 oz............. . 1.69

## Stereo Elliptical Cartridge With Either SL95 or SL75





Deluxe Elliptical Cartridge With Either SL95 or SL75


Bases sold separately

# Garrard Synchro-Lab Automatic Turntables 

## SL95 Turntable and Stereo Cortridge

With Elliplical Cartridge

## $\$ 129^{51}$

5195 Elliptical Alone

Save 539.94 . Magnificent automatic turntable is the choice of audiophiles everywhere-has every deluxe feature! Syn-chro-Lab motor assures smooth, perfectly constant speed. Dynamically balanced, ultra-low-mass pickup arm; adjustable counterweight; sliding-weight anti-skating control; stylus force dial. Auto rise safety record platform. Combined manual-cuing-pause control; gimballed needle pivots. Plays up to six records automatically or operates manually. $331 / 3,45,78 \mathrm{rpm} .15^{13}$ 亿6 $\times 14^{\frac{5}{5}} 8^{\circ}$. Req. $4^{3} / 8^{6}$ above. $3^{\prime \prime}$ belou mounting board. Choose Empire 888E, Pickering V15/ ATE-3 or Shure M93E stereo elliptical cartridge. Order base, $45-\mathrm{rpm}$ auto. spindle, p. 23. England. 13 lbs. 13 T 0081 RCDU. Specify Cartridge. $\$ 7$ Monthly.... 129.51 SL95 with Empire 888VE "Lighter-Tracking" Deluxe Elliptical Cartridge for $\$ 5$ More. Save $\$ 54.95$. Wt., 13 lbs .
13 T0441 DU. 57 Monihly
134.50

13 T 3061 RU. SL95 Alone. 13 lbs, 87 Monthly......... 129.50

## SL75 Turntable and Stereo Cartridge

With Elliptical
Cartridge
$\$ 109^{51}$

With Deluxe Elliptical
$\$ 114^{50}$
$\$ 109^{50}$
Save 589.94 . Deluxe automatic turntable features the Synchro-Lab motor for perfect speed accuracy. Twinbraced low-mass pickup arm, adjustable counterweight, stylus force assembly, anti-skating control, full $12^{\prime \prime}$ turntable. Easy-to-use combined speed and record size selector: combined manual and cuing controls. Plays up to 6 records automatically or operates manually. $331 / 3,45,78 \mathrm{rpm}$. "Auto-Rise" platform telescopes out of way during single play. $16^{1} / 15 \times 14^{9} 96^{\prime \prime}$. Rea. $43 / 8$ " above. $3^{"}$ below mtg. hoard. Choose Empire 888 E , Pickering V15/ATE-3 or Shure M93E cartridge. For $110-120 \mathrm{~V}, 60 \mathrm{~Hz}$ AC. Order base, 45rpm auto. spindle, p. 23. England. 13 lbs . 13 T 0084 RCDU. Specify Cartridge. $\$ 6$ Monthly
109.51

SL75 with Empire 888VE Deluxe Stereo Elliptical Cartridge for $\$ 5$ More. Save $5 \overline{5} 4.95$. Shpg. wt. 13 lhs .
13 T 0442 DU. 86 Monthly.
114.50

13 T 3062 RU. SL75 Alone. 13 lhs. Monthly. ...... . . 109.50


# Garrard Automatic Turntables and Stereo Cartridge 

## SL65 Turntable and Cartridge

| With Elliptical <br> Cartridge | With Deluxe <br> Elliptical | SL6s <br> Alone |
| :---: | :---: | :---: |
| $\$ 79^{51}$ | $\$ 84^{50}$ | $\$ 79^{50}$ |

Save Up to s29.94. Synchro-Lab motor; cuing and pause control; antiskate; balanced pickup arm. Plays up to six records automatically, or operates manually. $16 \frac{2}{3}, 331 / 3,45,78 \mathrm{rpm}$. $151 / 8 \times 1318^{\circ}$. Empire 808 E , Pickering V15/ACE-3, or Shure M32E stereo cartridge-specify. $110-120 \mathrm{~V}, 60 \mathrm{~Hz}$ AC. Order base below. Wt., 13 libs 13 T 0079 RCDU. \$ Monihly. .... 79.51 SL65 with Deluxe Elliptical \$5 More. Sane 394.95. Empire 888E, Pickering V15/ATE-3, Shure M93E-specify. 13 T 0080 RCDU. Wt., 13 lbs. ... 84.50 13 T 3063 RU. SL65 Alone........ 79.50

## Choice of Elliptical Cartridge



SL55 Turntable and Cartridge

| With Elliptical | With Deluxe <br> Elliptical SL55 |
| :---: | :---: |
| Alone |  |

$$
{ }^{8} 59^{51} \quad{ }^{5} 64^{50}{ }^{8} 59^{50}
$$

Save Up to \$29.94. Synchro-Lab motor, tubular pickup arm, cuing lever, oversized turntable. Two spindles. Intermix. Automatic or manual operation. $162 / 3,331 / 3,45,78 \mathrm{rpm}$. $147 / 8 \times 1233^{\circ}$ Empire 808E, Pickering V15/ACE-3 or Shure M32E cartridge $\rightarrow$ specify. $110-120 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$. Order base below. Shpg. wt., 11 lhs. 13 T 0077 RCDU. \$ $\overline{5}$ Monthly..... 59.51 SL55 with Deluxe Elliptical \$5 More. Save \$34.95. Empire 888E, Pickering V15/ATE-3 or Shure M93E-specify. 13 T 0078 RCDU. Wt., 11 lbs.. . . 64.50 13 T 3064 RU. SL55 Alone.......... 59.50

## Genuine Garrard Accessories for Garrard Automatic Turntables

Boses. Garrard co-ordinated bases with accessory trays. Molded of simulated pin-seal leather and ebony with black and silver trim. Provision for easy mounting of slides if desired.
Model B-1. Base for SL65, SL55, 40 MKII and 30 Garrard turntables. Shpg. wt., 5 lbs.
13 T 3275 RX.
Model B-2. Base for SL95 and SL75. Wt., 6 lbs.
13 T 3276 RX.
5.95

Dust Covers. Clear molded styrene. New design lets you slide cover into place from front or titt-up and lock into place for loading or adjusting turntable. Can be left in place while playing.
Model D-1. Dust cover for B-1 Base. Wt., 5 lbs.
13 T 3290 RX
Model D-2. Dust cover for B-2 base. Wt., 5 lbs.
13 T 3291 RX.
Model LRS20 45 -rpm Automatic Spindle. For SL65, SL55, 40 MK II and 30 Garrard turntables. Shpg. wt., 8 oz. 13 T 3087 R.
3.80

Model LRS25 45-rpm Automatic Spindle. For SL95 and SL75 turntables. Shpg. wt., 8 oz .
13 T 3076 R.
3.80


## 40 MK II Automutic Turntable with Cartridge

Save Up to \$\$4.94. Precision Garrard at low cost. 4-speed Choose 888, V15/AC-3, or M75-6. 115 VAC. 11 lbs. 13 T 0001 RCDX. Specify Cartridge. sis Mromihly. Choose 808E, V15/ACE-3, or M32E. 11 lbs .
13 T 0002 RCDX. Specify Cartridge. 85 Monthly. . . . . . 49.50



## Empire 398C Turntable, Base plus $\mathbf{8 8 8 V E}$ or 999VE Stereo Cartridge

Bring professional turntable performance to your home stereo system at a remarkable low price, Exciting combination offer includes Empire's 398C broadcast-quality turntable with walnut base, plus an Empire stereo elliptical cartridge. Turntable features hys-teresis-synchronous motor, isolated suspension, vibration-free performance. Rumble-free belt drive turns the balanced $6-\mathrm{lb}$. machined platter. Top-of-plate belt positioning provides accurate $331 / 3,45,78 \mathrm{rpm}$ speeds. "Dyna-Lift" raises pickup arm at end of record. Balanced arm boasts free suspension -perfect tracking at lowest pressure. Adjustable from 0-8 grams. No feedback. Flutter/wow: inaudible less than $0.05 \%$. Rumble: better than -65 dB . Retractable 45-rpm adapter. Rubber mat. Satin chrome finish. Walnut base, $8 \frac{8}{4} \times 17 \times 15^{\circ}$. For 117 VAC. 398C with Empire 888VE. Lower priced version of the famed 999 VE . Has $.0002 \mathrm{x} .0007^{\prime \prime} \mathrm{di}$ amond stylus. $6-32,000 \mathrm{~Hz}$. Output, $5.0 \mathrm{mV} /$ ch. Compliance, $30 \times 10^{-6} \mathrm{~cm} /$ dyne. Separation, 30 dB . Tracks $1 / 2$ to $1 \frac{8}{4}$ grams. 13 T 0443 DU. 398C and 888VE. 28 lhs. 144.88 398 C with Empire 999VE. Empire's finest stereo cartridge for unmatched performance. Has $.0002^{\prime x} .0007^{\prime \prime}$ extra-high compliance elliptical diamond stylus. $6-35,010 \mathrm{~Hz}$. Output: 5.0 mV per channel. Separation: 30 dB . Compliance: $30 \times 10^{-6} \mathrm{~cm} /$ dyne. $1 / 2-11 / 2$ grams. 13 T 0004 DU. 398 C and 999 VE. 28 lbs. 159.88

## Save Up to 539.95 on Acoustic Research Turntable Outfits



| With |
| :--- |
| Conicol |
| cortridge |$\$ 7801$| With |
| :---: |
| Elliptical |
| Cartridge |$\$ 00000$

## AR "XA" Turntable Outfit with Your Choice of Stereo Cartridge

Widely acclaimed two-speed manual turntable boasts many unusual features. The $31 / 2-$ lb . aluminum platter is belt-driven by a synchronous motor which operates at $400-$ rpm. This unusually low motor speed plus the unique rigid I-bearn mounting of pickup arm and turntable assure superlative performance. Meets or exceeds NAB specifications for broadcast equipment for wow, flutter, rumble, and speed accuracy.
Vicious damping of pickup arm avoids accidental damage to records. $331 / 3,45-\mathrm{rpm}$. Flutter, less than $.02 \%$. Wow, less than $.05 \%$. Rumble. -38 dB at 8 Hz . Includes stylus force gauge, cartridge shell, turntable pad, dust cover, and walnut base. $51 / 4 \times 163 / 4 \times$ $121 / 2^{\prime} .115$ VAC.
${ }^{X A}$ Turntable Outfit with Stereo Cartridge. Save Up to \$24.94. With your choice of the Empire 888, Pickering V15/AC-3, or Shure M75-6 Stereo Cartridge-specify. Shpg. wt., 20 lbs.
13 T 0066 CDU. 55 Monthly.
78.01

XA Turntable Outfit with Stereo Elliptical Cartridge. Save $\$ 39.95$. With your choice of the Empire 888TE or Pickering XV15/AME Stereo Elliptical Cartridge-specify. Shpg. wt., 20 lhs.
13 T 0309 CDU. 85 Monthly.
88.00

13 T 3119 RU. XA Alone. Wt., 20 lbs.... 78.00

## Stereo Cartridge and Hi-Fi Accessory Values

## Empire 8885E Super-Elliptical Cartridge

Was $\$ 21.95$. Outstanding stereo cartridge for finest manual or automatic turntables. Offers superb reproduction of the entire musical range. With $15^{\circ}$ $.0007 \times .0003^{\prime \prime}$ diamond stylus. Response, 6-32,000 Hz. Compliance: $25 \times 10^{-6} \mathrm{~cm} /$ dyne. Separation: 30 dB . Tracks from $1 / 2$ to 3 grams. Shpg wt, 4 oz. 13 T 3991 RS 85 Monthly.
19.95

## Empire 888P Conical Stereo Cartridge

Was 829.95 . Huge savings on this fine cartridge! For manual or automatic turntables. Has hand-polished $15^{\circ} .0006^{\circ}$ conical-tip diamond stylus. Response, $10-$ $28,000 \mathrm{~Hz}$. Output, $8.0 \mathrm{mV} /$ channel. Separation, better than 30 dB . Compliance, $15 \times 10^{-6} \mathrm{~cm} /$ dyne. Tracks from $1 / 2$ to 4 grams. Shpg. wt., 4 oz. 13 T 3986 RS $\$ 5$ Monthly
19.95

## Empire 808 Conical Stereo Cartridge

Was $\$ 1$ \%.95. Get, fine performance at low cost with this stereo cartridge. For manual or automatic turntables. With $.0007^{\circ}$ conical diamond stylus Response; $15-20,000 \mathrm{~Hz}$. Output, $8.0 \mathrm{mV} /$ channel. Separation, 30 dB . Compliance, $8 \times 10^{-6} \mathrm{~cm} /$ dyne. Tracks 1 to 5 grams. Shpg. wt., 4 oz. 13 T 3982 RS
13.95

## Pickering V15/AC-2 Conical Cartridge

Was \$21.95. Magnetic stereo cartridge is suitable for manual and automatic turntables that track down to 3 grams. Features . $0007^{\prime \prime}$ conical tip diamond stylus. Response: $20-20,000 \mathrm{~Hz}$. Channel Separation: 26 dB . Tracks from 3-7 grams. Wt., 3 oz. 13 T 3844 RS.
15.95

## Pickering VI5/AME-2 Stereo Elliptical Cartridge

Was $\$ 19.95$. Low-cost quality stereo cartridge for manual or automatic turntables. Reproduces the entire musical range with preciseness and clarity. Features $15^{\circ} .0003 \times .0009^{\circ}$ elliptical diamond stylus. Response, $20-25,000 \mathrm{~Hz}$. Separation, 35 dB . Tracks from $3 / 4$ to $11 / 2$ grams. Shpg. wt., 3 oz . 13 T 3895 RS.
14.95

## Shure M7/N21D Conical-Tip Cortridge

Was $\$ 15.95$. Stereo magnetic cartridge at a low, low price. Has $0007^{\prime \prime}$ conical-tip diamond stylus for automatic or manual turntables. Response: 20-20,000 Hz. Compliance: $9 \times 10-6 \mathrm{~cm} /$ dyne. Separation: 20 dB . Tracks from 1-21/2 grams. Shpg. wt., 3 oz . 13 T 3915 RS
12.95

Empire 8885 E
Save ${ }^{\text {s }} 2.00$
$\$ 1995$


Empire 888
Save ${ }^{\text {s }} 10.00$
$\$ 19^{95}$


## Empire 208

Save ${ }^{5} 4.00$ $\$ 13{ }^{95}$ ickering VI5/AC-2 Save ${ }^{\text {s }} 6.00$ $\$ 15^{95}$


Pickering VI5/AME-2
Save ${ }^{\text {s }} 5.00$ $\$ 14^{95}$


## Shure M7/N210

Save ${ }^{5} 3.00$ $\$ 12^{95}$


[^1]
## Save on Allied's 15-Record Stereo Extravaganza



## Comprehensive Stereo LP Library with 262 Favorite Selections 15 Records- 15 Hours of Musie!

Complete collection includes five packages of three $12^{*}$ LP's each. Famous "Time" label records feature excellent stereo quality and wide dynamic range, and have extra-playing time for more music per record. Includes favorites like The Sound of Music; People Will Say We're in Love; Summertime; A Fogy Day; Marie; Always; Smoke Gets in Yonur Eyes; Givi; Camelot: You Were Meant for Me; More Than You Krow: My Man; Volare; Greensleeves; Hioh Noon: Clair De Lune; Blue Danube: Malanuena; Frenesi; Yours: Flight of the Bumble Bee: Wcarivg of the Green: plus 240 others. 8 lbs. 13 T 2027 EX.
17.95

## Columbia "Musical Treasury" Record Set



## Save ${ }^{2} 2.00 \quad 27$ records $\$ 20^{95}$

Was \$28.95. Premium-quality stereo record collection of first-rate, big-orchestra performances. Three-box set includes 27 LP ( $331 / 3-\mathrm{rpm}$ ) records with 321 all-time great songs in sparkling stereo. Top songs from the "big band" era of the 30 's, 40 's and 50 's as well as popular, movie and stage hits of the 60's.
13 T 3207 EX. Wt., 14 lbs. \$5 Monthly.
20.95


Great value! Done in the fresh, exciting style of the mariachi band. "The Band I Heard in Tijuana" by Los Norte Americanos. Five-record set with 50 exciting stereo hits including. Whipped Cream. Taste of Honey, Tijuana Taxi, Spanish Flea and more. 4 lbs. 13 T 3007 EX. .

5-Record Set 3.98


Over three hours of the greatest country and western music sung by famous stars-Patsy Cline, Jimmy Dean, Ferlin Husky. Hank Locklin, Webb Pierce, Johnny Horton, Rex Allen, many more. Lots of exciting stereo entertainment at a low price. Wt., 4 lbs.
13 T 2028 EX.
5-Record $12^{\prime \prime}$ Album 3.98

## Save on Capitol Stereo LP 5-Record Sets


"That's Entertainment"

"Big Iand Big Sound"
$\$ 850$ Save $\$ 1.45$

## SPECIAL PACXAGE OFFER! BUY BOTH CAPITOL SETS at combimation paice <br> Save ${ }^{3.95} \$ 15^{95}$

"Thot's Entertainment." Favorites by Alfred Newman, Les Baxter, Judy Garland, Gordon MacRae, Nancy Wilson, Matt Monroe, Al Martino, F. Waring. 3 lbs. 13 T 2008 EX. Was 89.95.

5-Record Set 8.50
"Big Sound of Big Bands." Sounds of Glen Gray, Harry James, Stan Kenton, Les Brown, Ray Anthony. 3 lhs. 13 T 2010 EX. Was 89.95.

5-Record Set 8.50
SPECIAL OFFER. Both set-save $\$ 3.95$.
13 T 0323 L2EX. Wt., 6 lbs...
Both Sets for 15.95


## Famous 5-Record "Stereo Launcher" Set

Great value and a favorite with hi-fi fans. Each record in this set is specially selected by Allied. Five LP records include percussion, jet planes, powerful classical music, big-band dance music, original motion picture sound tracks, swinging triple-play jazz record, stereo sound effects. Helps you set up your hi-fi system -great entertainment, too.
13 T 3215 EX. Wt., 4 lbs....... . 5-Record $12^{\circ}$ Album 7.79

## Now-See Your Favorite Music Displayed in Thrilling Color I

## Eico 3440 Color Organ

Tune in to the "now" sound-the exciting kinetic sound of today. New color organ lets you "see" your favorite music in spectacular colorl Color and intensity change with the frequency and volume of the music. Connects in seconds to speaker leads of any hi-fi, guitar amplifier, recorder-you can use one or two 3440's with your stereo system. Volume control assures full performance with any power input level. Has no effect on sound quality. Solid-state circuit-not mechanical. Shatterproof 9x14' screen. Easy-to-assemble kit. Walnut grain wood case, $10 \times 15 \times 6^{\circ}$. For 115 VAC. Wt., 12 lbs. 13 T 2255 RU. $\$ 5$ Mfonthly. 49.95 13 T 2256 RU. Fully Assembled49.95

Kit Form $\$ 49^{95}$ $\$ 5$ monthly Spectacular Light Display Follows Music



## Great Value! ALLIED H885-Our Finest Stereo Headphones

## Save

${ }^{s} 10.00$
Was $\$ 34.50$
$\$ 24^{50}$
$\$ 5$ monthly

Model H885. Price cut $\$ 10.00$-outstanding buy for the audio connoisseur who enjoys "private" listening. Unexcelled engineering permits you to tailor hi-fi sound to your individual pleasure. Separate, adjustable tone and volume controls in each earpiece assure precision stereo sound reproduction. Designed with revolutionary moving coil dynamic transducers to give you a full frequency response of $15-20,000 \mathrm{~Hz}$. Comfortable. cushioned stainless steel headband with airtight polyvinyl chloride ear-seals offers a tailor-made fit for hours of listening enjoyment. Impedance: 8 ohms. Complete with 8 ft . cord and standard $1 / 4$ inch phag. Shpg. wt., 2 lbs. 20 T 9580 R. 55 Monthiy.
24.50

## Save <br> ${ }^{5} 5.00$

Was $\$ 26.00$
$\$ 21^{00}$
$\$ 5$ monthly


Koss K-6 Quality Hi-Fi "Stereophones"

Lowest price ever on this stereo headphone set. Provides breath-taking full-dimensional sound with outstanding realism. Accepts up to 60 -watts per channel from any normal music program source. Padded headband plus airtight, vinyl-covered, foam-filled earcushions. Lightweight ( 15 oz .), lets you listen in complete comfort for hours. Earcushions are removable for easy cleaning. Frequency response spans 10 to $15,000 \mathrm{~Hz}$. Impedance, $4-16$ ohms. Complete with 8 foot cord, plug. Shpg. wt., 2 lbs. 20 T 8358 R. $\$ \overline{0}$ Monthly.
21.00

Final
Closeout!

Special $\$ 12^{95}$

## Koss B-4A Economy Stereo Headphones

Now you can have amazing hi-fi stereo realism at a new lower-than-ever price! Make stereo listening a personal experience. Use with stereo records, tapes, FM broadcasts, even electric guitars and organs. Lightweight, may be worn for hours in perfect comfort. Foam-filled earcushions are removable for easy cleaning. Dynamic transducer in each earpiece delivers full-range sound from $50-18,000 \mathrm{~Hz}$. Impedance: $4-16$ ohms. Complete with cord and standard $1 / 4$ plug. Shpg. wt., 2 lhs.
20 T 8022
12.95

## Our Lowest Priced Fully Assembled Stereo Headphones $\$ 6^{95}$

Priced for a Sellout . . . Order Now of This Sensational Low Price!

- Full Channel Separation Assures Stereo with Amazing Realism
- Form Fitting Earcups Help Seal Out Room Noise Podded Headband

The experts agree that headphones give the greatest possible stereo realism. Headphones also permit full-volume listening without disturbing others-even in the same room where someone else is watching TV. So start enjoying stereo headphone listening now at this low, low price. Comfortable form-fitting vinyl flex earcups seal out room noises. Adjustable, padded headband permits hours of listening without fatigue. Impedance, 8 ohms. Complete with 6 -foot cord and standard $1 / 4$ "plug. From Japan. Shpg. wt., 1 lb . Order two pairs at this bargain pricel
20 T 8036 ..
6.95


## Save on Two Utah Three-Way 12" Speakers

- 4-lb. Magnet Structure for Powerful Bass and High Power Capacity
- Cloth Roll Suspension and $11 / 2^{\prime \prime}$ Voice Coil for Smooth Response
- Coaxially Mounted Compression Tweeter Delivers Superb Highs
- Rigid Die-cast Frame Assures Maximum Structural Sirength

Another spectacular Allied value! Now you can buy two high-quality Utah three-way 12 -inch high-fidelity speakers for only $\$ 1.00$ more than the price of one. You save $\$ 38.95$. Allied's vast purchasing power makes it possible for us to make this money-saving offer.
The Utah HF12PC-H is as easy on the ears as it is on the budget. There's a sound reason-quality. A massive 4-1b. magnet structure is expertly coupled with a highly compliant cloth-roll-suspension woofer and an oversize $1 \frac{1}{2}$-inch copper voice coil for smooth, full bass down to 23 Hz ; midrange cone produces clear middle frequencies. Crystalclear high frequency response is assured by the coaxially mounted compression tweeter. Built-in crossovers, mechanical at 2000 Hz , electrical at 5000 Hz . Open-frame design permits maximum freedom of cone travel for superior transient response. High efficiency and generous power handling capacity permit this speaker to be driven by almost any amplifier.
The rigid, die-cast frame and baked-on lacquer finish assure top performance and long life. This speaker is designed for easy installation in any enclosure. Spring loaded finger-tip terminals are colorcoded for easy phasing in stereo systems. Engineered for mounting from either front or rear of the baffle board. Frequency response, 23 $20,000 \mathrm{~Hz}$. Power handling capacity, 45 watts peak. Impedance, 8 ohms. Outside diameter, $121_{4}^{\circ}$. Mounting depth, $57 / 8^{\circ}$. Shpg. wt. each, 13 lbs .
20 T 8200 RX. One Speaker. $\$ 5$ Monthly.
39.95

Two Speakers. Shpg. wt., 26 lhs. \$ó Monthiy.

## GEI SECOND SPEAKER FOR

 only more

## Save ${ }^{3} 38.95$

One Speaker ${ }^{\$} 39^{95}$
\$5 monthly

Two Speakers

\$5 monthly

## Deluxe ALLIED' Speakers at Low Sale Prices



## Finest ALLIED Speaker .. 15" Model 615HC Three-Way

- $15^{\prime \prime} \mathrm{Hi}$-Compliance Woofer for Powerful Bass
- Radax Cone Adds Realism to Mid-Frequencies
- Full 100-Watt Peak Music Power Capacity

Reoularly sir4.95. Huge 15 -inch high compliance woofer with 5-1b. magnet reproduces magnificent bass frequencies down to 20 Hz . Midrange cone enhances middle frequencies. VHF tweeter with rectangular diffraction horn for wide dispersion and finest highfrequency response to $20,000 \mathrm{~Hz}$.
Full 100-watt peak power capacity handles most powerful musical passages without distortion. Moving elements are locked in perfect alignment by super-strong cast alloy frame. Calibrated brilliance control adjusts highs to match acoustics.
Crossovers at 2000 and $3500 \mathrm{~Hz} .20-20,000$ Hz response. Capsecity: 50 watts, 100 watts peak. 8 ohms. Binding post terminals. Depth, $91 / 8^{\prime \prime}$. Shpg. wt., 32 lbs.
20 T 9702 RU. *s Monthly.
59.95

## Save ${ }^{s} 10.00$ <br> $\$ 54^{95}$ <br> $\$ 5$ monthly

## Best ALIIED 12" Speaker . . Model 612HC Three-Way

- Smooth Overall Frequency Response
- Level Control for Tweeter Adiustment
- 70-Watt Peak Power Handling Capacity

Reoularly 564.95 . Finest $12^{\prime \prime}$ speaker you can buy at this price! Big $12^{\prime \prime}$ high-compliance woofer is damped by a powerful $5-\mathrm{lb}$. ceramic magnet. Low resonant frequency permits outstanding bass response, without booming. Midrange Radax cone with crossover at 2000 Hz greatly enhances the midfrequencies. Electrical crossover channels frequencies above 3500 Hz to VHF compres-sion-type diffraction-horn tweeter that reproduces highs to $20,000 \mathrm{~Hz}$ over a wide area. Rigid frame locks $21 / 2^{\prime \prime}$ copper-ribbon voice coil and moving elements in precise alignment. Culibrated tweeter brilliance control. $22-20,000 \mathrm{~Hz}$ response. Capacity: 35 watts, 70 watts peak. Impedance, 8 ohms. Binding post terminals. Shpg. wt., 30 lbs. 20 T 9701 RU. 55 Momthly. .
54.95

# Popular Hi-Fi Speakers Priced for Maximum Customer Savings 

 , Save ${ }^{8} 13.05$Was $\$ 63.00$

## $\$ 4995$ ss <br> monthly

E-V 12TRXB Three-Way 12" Speaker
World-famous E-V 12TRXB, designed for the most critical listener. Combines $12^{\prime \prime}$ woofer with $11 / 3 \mathrm{lh}$. magnet. Radax midrange, and wide-dispersion horn tweeter. Response, 35 Hz to beyond audibility, 60 watts peak. 16 ohms. $7^{\circ}$ deep. Shpg. wt., 16 lhs. 2018137 RX. ${ }^{5} 5$ Monthly.
49.95

## ALTEC-LANSING <br> Save <br> \$27.62 <br> W as $\$ 77.50$ <br> $$
\$ 4088 \underset{\substack{\text { monthly }}}{\$ 5}
$$ <br> <br> monthly

 <br> <br> monthly}
## Altec 415C Two-Way 15" Speaker

Fine value in a full-range two way 15 -inch speaker. Fxclusive "Biflex" multiple compliance for unusually wide frequency response. Cast aluminum frame. $3^{\prime \prime}$ voice coil. Response, $25-14,000 \mathrm{~Hz}$. Capacity, 25 watts. Impedance, 8 ohms. $7^{*}$ deep. Mechanical crossover at 1000 Hz. Shpg. wt., 19 lhs. 20 T 8211 RX. 85 Monthly
49.88

## UTAH

Closeout Special

$$
\$ 1888
$$

## 12" Acoustic-Suspension Speaker

Closeout sale on Utah 3-way $12^{\prime \prime}$ acousticsuspension speaker. Boasts $12^{\prime \prime}$ cloth-roll woofer with $4-\mathrm{ib}$. magnet structure and $11 / 2^{\prime \prime}$ voice coil for rich bass. Midrange cone assures smooth middle frequencies. $4^{2}$ tweeter covers highs with sparkling clarity. $20-18,500 \mathrm{~Hz} .20$ watts, 40 watts peak. Crossovers at 1200 and 4500 Hz . Shpg. wt., $81 / 4$ lbs.
20 T 8327 X. .
18.88


## Save on Two Goodmans 8 " Twinaxiette-8 Speakers

- Plasticized Cone and Ceramic Magnet for Smooth Bass Response - High-Stability Inner Cone Provides Extended Brilliant Highs
- Only $3 \$ s^{"}$ Deep for Easy Mounting in Limited Space

Sensational speaker value! Get two Goodmans of England widerange $8^{\prime \prime}$ twin-diaphragm speakers for only $\$ 1.00$ raore than the price of one speaker. Regularly $\$ 29.95$ each, get two during this Winter Sule for only $\$ 30.95$. Perfent for low-cost quality stereo systems. Enclosure volume needed is only 3000 cubic inches, making it an ideal reproducer for compact installations. Twin diaphragm design provides wide response. Plasticized hyperbolic main cone with high-efficiency ceramic magnet and $1^{\prime \prime}$ sluminum voice coil. Inner cone for extended high-frequency response. Housing is heavy non-resonant die-cast chassis. Response, 40$18,000 \mathrm{~Hz}$. Power capacity, 20 watts. Impedance, 8 ohms. Depth, $358^{\circ}$. From England. Shpg. wt., each $41 / 2 \mathrm{lbs}$.
2078000 R. One Speoker. $\$ 5$ Monhiy.
29.95

Two Speakers. 8.5 Monthly.


## "Axiom 201" Full-Range 12" Speaker

- Efficient Feroba li Ceramic Magnet
- Plastic Surround for Smooth Response

A \$119.90 Value. Buy two deluxe Goodmans of England $12^{\prime \prime}$ speakers for just $\$ 1$ more than the price of one speaker! Features efficient Feroba II ceramic magnet for rich, natural bass. Plastic surround assures flexibility and strength. Die-cast chassis with aluminum voice coil is fully dustproof. Twin diaphragm for smooth response, $30-16,000$ Hz . Power capacity 40 watts. 8 ohms. $5^{27 / 32^{\circ}}$ deep. Shpg. wt., each, $121 / 2$ lbs.
20 T 8001 RX. One Speaker. so Monthly. ..... 59.95
Two Speakers. 85 Monthly. . . . . . . . . . . . . . . . . . 60.95


NEW
\$5 monthly

## G00DMANS G-10 Deluxe Three-Way 12" A coustic-Suspension Speaker System

New acoustic-suspension speaker system from Goodmans of England. Delivers solid natural bass, excellent sound over a wide range. Handsome modern styling. $12^{\prime}$ ' woofer has a vinyl cone surround and $13 / 4^{\prime \prime}$ voice coil coupled to $1-\mathrm{lb}$. ceramic magnet for stunning bass down to $20 \mathrm{~Hz} .6^{*}$ midrange has $1^{\prime \prime}$ voice coil, closed back and high-compliance plasticized cloth suspension. Wide-dispersion $31 / 2^{\prime \prime}$ tweeter with closed back and 9/16" voice coil responds to $20,000 \mathrm{~Hz}$. Electrical crossovers at $4,000 \mathrm{~Hz}$ and $10,000 \mathrm{~Hz}$. Enclosure is $3 / 4$ " wood with walnut veneer, solid walnut moldings and decorator grille cloth. Brilliance control at rear of cabinet. Response, $20-20,000 \mathrm{~Hz}$. Capacity, 20 watts, 40 peak. 8 ohms. $143 / 4 \times 233 / 4 \times 11 \frac{1}{4}{ }^{\prime}$ deep. England.
20 T 7141 U. Shpg. wt., 41 lbs. $\$ 5$ Monthly...
99.95


ALLIED
2375 Compact Extension Speaker $\$ 9^{95}$

[^2]Here's the answer for those who need a low-cost radio, TV, or hi-fi extension speaker system! Features convenient front-mounted volume control; $7 \times 5^{\prime \prime}$ oval speaker with $99^{\circ}$ voice coil. Enclosure has walnut finish with a matching cane grille. Includes $25^{\prime}$ speaker cable with alligator clips attached. Power handling capacity, 12 watts peak. Impedance, 8 ohms. Size, only $71 / 4 \times 111 / 2 \times 31 / 2^{\prime \prime}$. Shpg. wt., $33 / 4$ lbs.
20 T 9744 X .
9.95


## $12^{\prime \prime}$ Acoustic-Suspemsion

Was s21.60. $12^{\prime \prime}$ acoustic suspension woofer reduced to sell. Features $17 / 8-\mathrm{lb}$. ceramic magnet; $2^{\prime \prime}$ voice coil; cloth roll suspension. Response, $25-2500 \mathrm{~Hz}$. $\mathrm{Ca}-$ pacity, 30 watts, 60 peak. 8 ohms. $5^{\prime \prime}$ deep.
20 T 8325 X. 9 lbs.
19.95

## Two-Way 8" Speaker

Budget-priced speaker has 10-oz. ceramic magnet; cloth roll suspension; coaxially mounted cone for high frequencies. Response, $30-20,000 \mathrm{~Hz} .30$-watts peak power. 8 ohms. $3^{\prime \prime}$ deep. Shpg. wt., $23 / 4$ lbs. 20 T 8326.
7.50


D8P Two-Way $8^{\prime \prime}$ Speaker
Deluxe compact $8^{\prime \prime}$ 2-way speaker features $13 / 5-1 \mathrm{~b}$. magnet; $1 \frac{1}{2}$ " voice coil; rigid construction. Response, $35-13,000 \mathrm{~Hz}$. Capacity, 37 watts peak. 8 ohms impedance. $51 / 16^{\circ}$ deep. Shpg. wt., $51 / 2 \mathrm{lbs}$.
20 T8158 X. $\qquad$ 9.88


## HFD208-X Horm Tweeter

Perfect choice to complete low cost speaker systems! Features 4.28 Alnico $V$ magnet; electrical crossover. Response, $2000-19,000 \mathrm{~Hz}$. Capacity, 40 watts. Impedance, 8 ohms. $71 / 4 \times 3 \times 63 / 8^{\prime \prime}$ deep. Wt., 2 lbs. 20 T 8164 ..
9.95


## ALLIED $^{\circ}$ Deluxe 2380 Three-Way $15^{\prime \prime}$ Floor/Shelf Speaker System

- Frequency Response from 20 Hz to Beyond Audio Range
- Woofer Has Massive $5 \mathrm{1} / 4-\mathrm{lb}$. Magnet Structure

Finest Allied speaker system! Get ultra-deluxe construction plus a special sale price!-save $\$ 30.45$. Giant $15^{\prime \prime}$ woofer. plus midrange and treble speakers, give you tonal quality and realism that actually rivals the concert hall. It is compatible with the finest high-fidelity components.
Distinctive appearance is achieved through sculptured solid-walnut molding, flush-grooved $31 /{ }^{4}$ " base, richly accented grille cloth and fine furniture veneers.
Precision speakers include: giant $15^{*}$ high-compliance cloth-roll suspension woofer with $51 / 4-1 \mathrm{l}$. magnet structure, die-cast compression midrange horn with 4 -oz. magnet structure, dome-radiator tweeter with 9-oz. magnet structure. Hear the full music spectrum from deep organlike bass and ultra-smooth midrange to highs of exceptional purity and brilliance.

## - Level Controls for Midrange and Tweeter

- Dome-Radiator VHF Tweeter, Midrange Horn

Full-range response from the lowest bass notes to the highest treble you can hear, and beyond. LC crossover network with crossover frequencies at 2000 and $10,000 \mathrm{~Hz}$ blend speakers into a perfectly balanced system. Presence and brilliance controls for midrange and tweeter adjusts system to room acoustics and to your personal listening preference. Optimum performance is assured.
Selected 3/4" hardwood with hand-rubbed oiled walnut veneer on all 4 sides. Includes a satin-black base for floor use. Operates equally well in horizontal or vertical position, with or without base.
Power capacity, 50 watts, 100 watts peak. Voice-coil impedance, 8 ohms. With satin black base. $301 / 4 \leq 201 / 2^{\times 14^{*}}$. Shpg. wt., 70 lbs .
20 T 9714 RZ. s6 Monthly.
119.50


# Save on Acoustic-Suspension Speakers by Acoustic Research 

(A) Popular AR-4X $8^{\prime \prime}$ Two-Way Bookshelf System Save Up to ${ }^{5} 5.70$

Was $\$ 57.00$. Save $\$ 5.70$ on one of the finest low-cost speaker systems available. Acoustic-suspension design for pure, natural sound. $8^{\prime \prime}$ woofer delivers rich bass; $2^{1 / 2 "}$ tweeter (with level control) for life-like highs. 1200 Hz LC crossover. Requires amplifier rated at least 15 watts per channel. Impedance, 8 ohms. Size, $10 \times 19 \times 9^{\prime \prime}$. Shpg. wt., 22 lbs. 20 I 7629 RU. Oiled Walnul Finish. sit Monthly 20 T 8015 RX. Walnut Floor Base. Designed to fit AR-4 speaker systems. Size, $11 \times 141 / 2 \times 13^{\prime \prime}$. Shpg. wt., $33 / 4 \mathrm{lbs} . .$.
7.50
B Deluxe AR-2ax $10^{\prime \prime}$ Three-Way Bookshelf System

Save Up to $\$ 12.80 \underset{\text { Reody-to-Finish }}{\$ 9810}$| $\$ 5$ |
| :---: |
| monthly |

Wos $\$ 128.00$. Sare 12.80 . Has $10^{\circ}$ acoustic-suspension woofer; $31 / 4-1 \mathrm{~b}$. magnet; $31 / 2^{\prime \prime}$ midrange; $13 / 8^{\prime \prime}$ dome-type super tweeter; level controls; LC crossovers at 2000 and 7500 Hz . 42-20,000 Hz . Requires amplifier rated at least 20 watts per chan. 8 ohms. $131 / 2 \times 24 \times 111^{\circ} 2^{\circ}$. Floor base above. 43 lbs.
20 T 7046 RU. Oiled Walnut. \$t Mmihly.
115.20

20 T 7044 RU. Natural Birch Was $\$ 122.00$. Save $\$ 12.20 . \ldots 109.80$ 20 T 7047 RU. Reody-to-Finish Pine Was $\$ 109$. Sare $\$ 10.90 .98 .10$
[C] Superb AR-3 12" Three-Way Bookshelf System

$$
\text { Save Up to } \$ 22.50 \quad \$ 182^{70} \quad \$ 10
$$

Was $\$ 225.00$. Save \$22.50 on one of AR'e best! $12^{\prime \prime}$ acousticsuspension woofer and $2^{\prime \prime}$ midrange dome radiator with $31 / 4-\mathrm{lb}$. magnets; $1 \frac{1}{8} 8^{\prime \prime}$ dome tweeter; level controls. LC crossovers at 1000 and 7500 Hz . Requires amplifier rated at least 25 watts per channel. 4 ohms. $14 \times 25 \times 1138^{\prime \prime} .553^{4} \mathrm{lbs}$.
20 T 7624 RZ. Oiled Walnut. s11 Monthly
202.50

20 T 7149 RZ. Natural Birch Was $\$ 216.00$. Save $\$ 21.60 . . . .194 .40$ 20 T 7002 RZ. Ready-to-Finish Pine Was $\$ 203$. Save $\$ 2.30 .182 .70$

## Lowest Price Ever!

## Price Slashed on Deluxe Jensen TF-3BU Four-Speaker Three-Way 10" Speaker System

## Save ${ }^{\text {s }} 23.15$



- Famous Jensen Quality Construction Throughout
- Wide Frequency Response-25-20,000 Hz

Two special $3 \frac{1}{2}$ " midrange speakers and a Sono-Dome ${ }^{\circ}$ ultra-tweeter complement the woofer and provide a wide response of $25-20,000 \mathrm{~Hz}$. Built-in electrical crossovers divide the audio spectrum at 2000 Hz and $10,000 \mathrm{~Hz}$. Impedance, 8 ohms. Power capacity, 25 watts. Tweeter balance control at the rear of the cabinet permits adjustment of sound. With grille cloth. Sturdy cabinet is ready-tofinish. $131 / 2 \times 233 / 4118 / 3^{\prime \prime}$. Shpg. wt., 40 lbs. 20 T 8363 RU. $\$ 5$ Monthly.
74.95


## ALLIED 3015B Three-Way $10^{\prime \prime}$ Acoustic-Suspension System

Werc $\$ 79.90$ per pair. Unbeatable valuebuy two of these top performing Allied speaker systems and pocket $\$ 10.00$ savings. Boasts wide frequeacy response, high quality construction, and uncolored sound. The $10^{\circ}$ moofer with cloth surround and massive 2-lb. magnet structure providea rich, natural bass down to 35 Hz . Deluxe acoustic-suspension design assures peakfree output. A $5^{\prime \prime}$ midrange speaker and a
$31,2^{\circ}$ tweeter round out the system. Both have $11 / 3-0 z$. magnet etructures. Electrical croseovers at 2200 Hz and 4500 Hz . Froquency response, $35-17,000 \mathrm{~Hz}$. Power capacity, 40 watts peak. Impedance, 8 ohms. Handsome oiled walnut wood venear with matching beige grille cloth. Size, 12x $20 x 712^{2}$. Shpg. wt., each, 22 lbs.
20 T 9732 U . One System.
Two Sydtems. Save 10.00.
39.95

## UNIVERSITY



## Debonaire Three-Way 12" Speaker System

$\$ 7988$
$\$ 5$ monthly - Handsomie Oiled Walut Veneer
The superb Debonaire 12" 3-Way Speaker System offers delure features, walnut finish on all four sides, and excoptional sound at a very low sale price. Has husky $12^{\prime \prime}$ woofer for excellent bass. Efficient $31 / 2^{\prime \prime}$ speaker provides smooth midrange sound. Famous Sphericon super-tweeter for brilliant highs, wide dispersion. Response, $25-40,000 \mathrm{~Hz}$. Capacity, 30 watts. Impedance, $8-16$ ohms. Brilliance/Presence control. $157 / 8 \mathrm{x}$ $233 / 4 \times 111 / 2^{*}$. Limited Quantity.
20 T 7108 U. Shpg. wt., 44 lbs. \&onthly..... 79.88

FISHER


## Famous XP-6 Three-Way $10^{\prime \prime}$ Speaker System

$\$ 58^{88}$
$\$ 5$ manthly

- $10^{\prime \prime}$ Free-Piston Woofer
- 60-W att Power Capacity
- High Efficioncy System

Magnificent sound at a closeout price. The XP-6 is carefully designed for amazingly faithful reproduction. A $10^{\prime \prime}$ high-compliance free-piston woofer with massive $51 / 2-1 \mathrm{~b}$. magnet structure delivers solid bass. The $5^{\prime \prime}$ midrange speaker is sealed in an Acousti-Glas-filled sub-enclosure. The tweeter delivers bell-like highs. Crossovers, 1000 Hz and $3000 \mathrm{~Hz} .35-20,000 \mathrm{~Hz}$. Capacity, 60 watts ( 10 watts min.). 8 ohms. Walnut veneer. $13 \times 23 \times 101 / 2^{*}$. Shpg. wt., 37 libs. 20 T 7304 U. $\$ 5$ M onthly.
58.88

## Save on Special ALILIED Microphone Packages <br>  <br> Save ${ }^{\$ 29.50}$ <br> ${ }^{8} 64^{95}$ <br> \$5 monthly <br> Save ${ }^{\$ 15.40}$ <br> $\$ 54^{95}$ <br> \$5 monthly <br> 

## ALLIED 3310P Cardioid-Dynamic Mike Outfit with Deluxe Stereo Headphones

Separately, 994.45 . Model 3310 cardioid-dynamic mikes suppress unwanted noise, reverberation, feedback. Ideal for recording and PA. Hand-held design; also mountable on stand with coupler and swivel mount (included) or usable with desk stand. Response, $40-16,000 \mathrm{~Hz}$. Impedance, 50,000 ohms. Sensitivity ${ }^{2}-54 \mathrm{~dB} .7^{27} / 32 \times 11^{13} / 6^{\prime \prime}$ dia. Satinchrome zinc die-cast housing. With 5 3-cond. shielded cable, 3 -prong connector, on-off switch, $5 / 8^{\prime \prime}-27$ stand coupler, swivel mount, desk stand. Beige polystyrene velveteen-lined carrying case. H885 headphones tailor sound to your taste; have volume and tone controls. 15 $20,000 \mathrm{~Hz}$. 8 ohms. Mikes from Japan.
12 T 0029 L2. Shpg. wt., 8 lbs. 85 Monthly.
64.95

12 T 7158 R. 3310 P Mike Pair Alone. Wt., 6 lbs........ . 59.95
12 T 7159 R. 3310 Single Mike Alone. Wt., $11 / 2$ Ibs...... 24.95
12 T 7160 R. Case Alone. Shpg. wt., 3 lbs................ 12.95

## AlLIED 3311P Dynamic Mike Outfit with Two Atlas Floor Stands


#### Abstract

Separately, 870.35 . Quality-constructed Model 3311 omnidirectional dynamic mikes give high performance for general-purpose applications. Hand-held design, but usable as desk mike with stand included. $45-15,000 \mathrm{~Hz} .10,000$ ohms impedance. $101 / 8 \times 13 / 8$ diameter. On/off switch. Chrome and black zinc die-cast housing. With $5^{\prime} 2$ 2conductor shielded cable and 2-prong connector, stand, mike holder, $5 / 8^{\prime \prime}-27$ stand coupler, swivel mount. Rugged beige polystyrene carrying case is velveteen lined, form fitted. Atlas MSIIC all-chrome stands are inner lined to prevent jamming or sudden dropping. Adjust from $35^{\prime \prime}$ to $63^{\prime \prime} .10^{\prime \prime}$ base. $5^{\circ}-27$ thread. Mikes from Japan. 12 T 0031 L5X. Shpg. wt., 32 lbs. $\$ 5$ Monthly...... 54.95 12 T 7155 R. 3311P Mike Pair Alone. Wt., 6 lbs.......... 49.95 12 T 7156 R. 3311 Single Mike Alone. Wt., $11 / 2$ lbs...... 19.95 12 T 7157 R. Case Alone. Shpg. wt., 3 lbs............... . 12.95


## REPEAT OF A CLOSEOUT



## E-V American D20 Stereo Mike Set

- With Desk Stands, Cords, Couplers, Lavalier Cord
- Ideal for Quality Tape Recording Applications
- Attache-type Case Holds Mikes and Accessories

Closeout priced! Omnidirectional dynamic mikes may be mounted on the floor or desk stand, held in the hand, or worn as a lavalier. $80-12,000 \mathrm{~Hz}$ frequency response. High impedance. -58 dB . Black case, $63 / 85^{5} 16^{\prime \prime}$. With two desk stands, $41 / 2$ ft . cords, one lavalier cord, floor stand couplers. From Japan. Shpg. wt., 4 lbs.
12 T 7039 . \&5 Monihly........
19.95


## Attractively Styled Equipment/Record/ Book Cabinet

## Ready to Assemble

> ${ }^{8} 49^{95_{5}^{5}}$
> monthly
> - Hide-away Space for 250 LP Albums
> - Has Smooth-Sliding Doors with Hardware
> - Handsome Smooth Walnut Grain Finish

Practical and handsome addition to your home. Base cabinet stores over 250 LP records. Top of record cabinet, $16^{\circ}$ deep, has ample space for hi-fi components. Bookcase and cabinet have sliding doors with hardware. Wood and hardboard with smooth-finished walnut grain. Record cabinet, $26 \times 37 \times 16^{\prime \prime}$. Bookcase, 36x37x11". Overall height, 62". Shipped knocked down. Less equipment shown above.
20 T 0013 L2U. Shpg. wt., 53 lbs . $\delta 5$ Monthly.

## NEVER BEFORE AT THIS LOW PRIC:! <br> Price

## ALIIED Automatic-Reversing Solid-State Stereo Tape Deck

Was $\$ 299.95$


$\$ 13$ monthly

Model TD-1070. The stereo tape deck bargain of the year! It's Allied's finest deck, and loaded with special features for top performance. Records and plays in both directions without reel turnover. Can be set for one complete play and shutoff, continuous replay, or automatic stop at a predetermined point. Effortless solenoid operation.
Has solid-state preamps for playback through your stereo system or console, plus stereo headphone anplifier output with level control. Fold-down panel conceals recording interlocks and inputs. Automatically equalized response at all three speeds. Four heads (two in each direction). Sound-on-sound.
Record level meters, 4 -digit counter. Pause control with instant reset. $71 / 2,33 / 4,17 / 8$ ips. Oversize capacilor-start motor. $30-20,000$ $\mathrm{Hz}_{\mathrm{z}}$ at $7 \frac{1}{2}$ ips. Inputs: 2 mike, 2 aus. Outputs: 2 line, headphones. With oiled walnut-veneer case, $7^{\prime \prime}$ takeup reel. patch cords. $125 / 8 \times 19 \times 71^{\prime} 2^{\prime}$. Less mikes. For $117 \mathrm{~V}, 60 \mathrm{~Hz}$ AC. From Japan. Shpe. wt., 35 lbs.
is t 7578 RU. $\$ 19$ Monthly

# COMPARE THESE QUALITY FEATURES 

- Records and Plays Both Tracks Without Reel Turnover
- Automatic Stop at any Preset

Point or Continuous Replay

- Four Heads, Two Each Direction
- Positive Solenoid Operation
- Records Sound-on-Sound and Sound-with-Sound
- Oversize Capacitor-Start Motor for Smooth Performance
- Built-in Stereo Headphone Amplifier and Contral
- Dual Recording Level Meters
- Pause with Instant Release
- Response from 30 to $20,000 \mathrm{~Hz}$
- Counter for Indexing Selections
- Walnut Veneer Wood Case

- Automatic Level Control Melps Prevent Distortion
- Monitor and Level Moter for Qually Recordings
- Solid-State Circuit Delivers Plenty of Output Power
- Digital Counter and Pause Control Make Editing Easy



## LOADED WITH DELUXE FEATURES

- Convenient 5-Position Function Control with Instant Stop
- Hinged Panel Conceals Recarding Controls and Inputs
- Built-In Stereo Headphone Amplifier with Level Control
- Powerful Capacitor-Start Motor for Smoother Running
- Two Level.Meters - Digital Counter - Record Light

> ALLIED 1050 Full-Feature Solid-State $7^{\prime \prime}$-Reel 2-Speed Monophonic Recorder

## Save ${ }^{\$ 7} 79^{95}$ s20.00 <br> \$5 monthly

Was $\$ 99.95$. Solid-state recorder is loaded with deluxe extras for outstanding 2 -track monophonic recording and playback. Compact for easy portability, yet takes up to a full-size $7^{*}$ reel. Automatic level control maintains constant recording level, prevents distortion from over-loud sounds; can be switched off for recording music-assures perfect recordings every time.
Quality engineered recorder provides response of 50 $12,000 \mathrm{~Hz}$ for fine music reproduction. Delivers 2-watt peak output power to built-in $4 \times 6^{*}$ wide-range speaker. Accurate record level meter, high or low level speaker monitor switch, push-to-reset digital counter, tone control, record interlock button. Line output for use as a tape deck. External speaker jack.
Luxuriously styled with uncluttered design for convenient vertical operation. Accessory compartment on rear. $131 / 2 \times 131 / 8 \times 73 / 8^{\circ}$. With carrying strap, molded transparent dust cover, $5^{\prime \prime}$ reel of tape, takeup reel, splicing tape, patch cord. For 117 VAC. From Japan. Shpg. wt., 18 libs.
1577575 RU. $\$ 5$ Monthly
79.95

## ALLIED TD-1030 Stereo Tape Deck with Bonus Pair of Mikes in Carrying Case

BONUS
OFFER

## Save $\quad \$ 139^{95}$ ${ }^{\text {s }} 30.80$ <br> \$7 monthly

Separately, 170.75. Súperb solid-state stereo tape deck with micrephone bonus for only $\$ 4.95$ more than the price of the tape deck alone. Record and play 4-track stereo or mono through your stereo system or console. Three speeds: $71 / 2,3 \frac{1}{4}$ and $17 / 8$ ips. Features include: stereo headphone amplifier, single-knob control, 2 levei meters, push-to-reset counter, automatic tape lifters, end-of-tape shutof.
Inputs: 2 mike, 2 aux. Response. $\pm 3 \mathrm{~dB}, 30-18,000 \mathrm{~Hz}$ at $71 / 2$ ips. Flutter/Wow, less than $0.15 \%$ at $71 / 2$ ips. $50 \mathrm{dBS} / \mathrm{N}$. Walnut-veneer wood case, $151 / 2 \times 131 / 2 \times 6 \%^{*}$. With $7^{*}$ takeup reel, patch cords, splicing tape, dust cover, plus Bonus: Two Allied 4525 dynamic mikes in deluxe fitted carrying case. $80-10,000 \mathrm{~Hz} ;-58 \mathrm{~dB}$ output, high impedance, omnidirectional. With cords and plugs. 117 VAC. Japan. 26 Ibs.
15 T 0082 RL2U. Deck with Bonus. 85 Monthly.... 139.95 15 T 7103 RU. TD-1030 Alone. Wt., 23 lbs......... 135.00

## ALIIED TR-1040 Stereo Tape Recorder with Professional Tape Care Kit Bonus

## BONUS OFFER

with Allied TR-1040 Recorder


Complete Professional Robins Tape Care Kit with finest Accessories Only $\$ 5$ More

## Save

 s24.95Separately, 8609.90 . Recorder, plus Robins professional tape care kit bonus. Record and play 4-track stereo or mono at $71 / 2,3 \frac{1}{4}$ and $17 / 8 \mathrm{ips}$. Inputs, outputs, controls for all your recording needs. Singleknob function control, 2 large level meters, digital counter, automatic tape lifters, headphone jack. $135 / 8 \times 181 / 2 \times 97 / 8^{\circ}$.
With 2 mikes, pateh cords, $7^{\prime \prime}$ takeup reel, plus bonus tape care kit in attaché case: bulk tape eraser, head demagnetizer, splicer, $7^{*}$ takeup reel, $1200^{\prime}$ reel of tape, tape lubricant, head cleaner, tape clips, splicing tape, 117 VAC. Redr. from Japan.
15 T 0085 L2U. Wt., 44 lbs. $\$ 10$ Monthly . . . 184.95 15 T 7104 RU. TR- 1040 Alone. Wt., 34 lbs.
179.95

## ALLIED TR-1080Automatic-Reversing Stereo Recorder with Headphone Bonus

## BONUS OFFER

## Two Allied

 H885 Stereo Headphones, plus Allied H881 20' Extension Cord for Iwo Headphones
## Save s66.95



\$17 monthly

Separately, $\mathbf{W}^{226.90}$. Automatic-reversing recorder records and plays in both directions without reel turnover. Can be set for one complete play and shutoff, continuous replay, or automatic stop at any predetermined point. Deluxe features include: 2 level meters, 4-digit counter, solid-state stereo amplifier, preamp outputs, pause control.
Equalized $71 / 2,33 / 4,17 / 8$ ips speeds. $123 / 4 \times 191 / 8 \times 121 / 4^{\prime \prime}$. With 2 mikes and stands, patch cords, $7^{\circ}$ takeup reel, sensing tape, plus honus of two stereo headphones and $20^{\circ}$ cord with jacks for 2 headphones. 117 VAC. Japan. $501 / 2 \mathrm{lbs}$. 15 T 0140 (2U. $\$ 17$ Monthly.
359.95

15 T 7579 RU. TR-1080 Alone. Wt., 45 lbs...... . 349.95


## TOP PERFORMANCE FEATURES

- Ten-Watt Peak Power Output Solid-State Amplifier
- Two Detachable Speakers Close to Form Cover
- Separate Volume and Tone Controls for Each Channel
- Preamp Outputs for Use As a Deck with Your System
- Fold-Down Panel Conceals Recording Controls, Inputs
- Single-Knob Function Control with Instant-Stop Feature
- Handsome Portable Case - Clean, Uncluttered Styling



## EXTRA-DELUXE FEATURES

- Records/Plays Stereo in Both Directions Automatically
- Sound-on-Sound plus Sound-with-Sound Special Effects
- Positive-Acting Solenoid Operation with Rocker Switches
- Automatically Equalized Response at All Three Speeds
- Tape Lifters - Oversize Capacitor-Start Motor
- Speakers Separate for Siereo and Close to Form Cover
- Portable Case Covered with Scuff-Resistant Vinyl



## Stereo FM-AM-Phono-Tape System with ALLIED 395 and TD-1070 Reversing Deck

Save ${ }^{\text {s }} 285.25$<br>$\$ 689^{95}$<br>Metal Case<br>Separately $\$ 975.20$

This is one of the finest systems ever offered at Alliedlook at the spectacular $\$ 285.25$ savings! Features the Allied 395 Solid-State 160-W att Stereo FM-AM Receiver with FET's and IC's. tuning meter, tape monitor, stereo indicator light, between-station muting, and controls for all music sources. Metal case; optional wood case above.
The Allied TD- 1070 records and plays in both directions. Features three equalized speeds: $71 / 2.38 / 3,17 / 8 \mathrm{ips}$, four heads, solenoid controls, instant pause oversize capacitorstart motor. Records sound with sound. Stereo headphone jack with its own level control and 4-digit counter simplify tape editing. Also has record interlocks and dual recording meters, walnut veneer hase, $7^{\prime \prime}$ takeup reel, and patch cords. The Garrard SL75 Automatic Turntable has Syachro-Lab motor, cuing, antiskate, and stylus force adjustment controls. With Base. Empire 888VE Stereo Cartridge has $.0002 x .0007^{\prime \prime}$ elliptical diamond stylus.
Goodmans G-10 3-Way Acoustic-Suspension Speaker Systems have $12^{\prime \prime}$ woofer, $6^{*}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Walnut veneer enclosure with matching beige grille eloth. With cables, hi-fi booklet. Shpg. wt., 166 lbs. 14 T 0182 D6Z. $\$ 29$ Monthly...
689.95

## ALLIED' Tape Cassette Recorder and 's1 Bonus

Bonus: 3 C- 60,3 C-90, 3 C-1 20 Allied Blank Tape Cassoftes plus 6 " C " 8 attories

## Save ${ }^{2} 24.38$ 



## AILIED Deluxe Baftery/AC Cussette Recorder with Tape and Battery Bonus

\author{

- Easy Pop-Up Cassette Loading and Removal <br> - Switchable Automatic Leval Control <br> - Wide 200-11,000 Hz Frequency Response
}

Model 1150. Save $\$ 24.38$ on this solid-state cassette recorder with bonus of nine blank tape cassettes and six "C" batteries for only $\$ 1$ more than the price of the 1150 alone! Operates on batteries or 120 VAC. Records and plays up to 2 hours mono on tape cassettes (both tracks).
Snap-in cassette loading and pop-up removal simplify operation. Handy keyboard-type pushbuttons for fast forward, rewind, and pause. Switchable automatic level control prevents fading and annoying overload distortion.
Tone control; monitar switch; auxiliary input for recording from radio, phono, or TV; battery/ level meter. With remote stop-start dynamic mike, leatherette carrying case, shoulder strap, cassette, plus 6 "C" batteries, 3 C-60 (1-hour), 3 C- 90 ( $1 \frac{1}{2}$-hour), and $3 \mathrm{C}-120$ ( 2 -hour) cassettes. $93 / 8 x$ $6 \times 2 \frac{1}{8}{ }^{*}$ Japan. Shpg. wt., $13 \frac{1}{4}$ lbs.
15 Y 0143 L2X. $\$ 5$ Monthly.
90.95

## ALIIED Battery/AC Portable Tape Cassette Recorder

- Convenient Keyboard Pushbutton Controls
- Cassettes Snap in and Out Easily
- Plays Anywhere with Snap-On AC Adapler or Five "C" Batteries

Model 1100. Whopping $1 / 5$ off on this quality compact portable tape cassette recorder! Just right for on-the-go recording in classroom, car, home, office, at. parties. Cassette snaps in and out instantly. Records and plays up to two hours (C-120 cassette) on standard cassettes.
Operates anywhere with snap-on AC adapter or five "C" batteries. Adapter has cord storage compartment, Features pushbutton operation, record interlock, fast forward/reverse, battery/level meter, and external speaker jack.
With AC adapter, mike, earphone, vinyl carrying case, cassette, $5^{\text {" }} \mathrm{C}$ " batteries. $12 \times 6 \times 4$ ". Japan. Shpg. wt., 17 lbs.
15 T 7138 RX. 55 Monthly.
39.95

## Save ${ }^{2} 20.00$

$\underset{\$ 59.95}{\text { was }} \$ 3995$
$\$ 59.95$ \$5 monthly

## Lowest Price Ever!

## Solid-State Stereo Tape Decks and Recorders



## PANASONIC

## RS-760S Stereo Tape Recorder

## $\$ 149^{95}$

- Features Sound-on-Sound
- Two Built-In $6 \times 4^{\prime \prime}$ Speakers
$\$ 8$ monthly
- Automatic End-of-Reel Shutoff

Was $\$ 159.95$. Records and plays 4-track stereo and mono at $71 / 2,33 / 4,17 / 8 \mathrm{ips}$. Sound-on-Sound and Trans-a-Track. Source monitoring, two VU meters, pause control, automatic shutoff. Two built-in $6 \times 4^{\text {2 }}$ speakers. $50 \times 17,000 \mathrm{H}$ at $7 \frac{1}{2} \mathrm{ips}$. Inputs: 2 mike, 2 radio/phono/TV. Outputs: Preamps, external speaker, headphone. With two mikes, $7^{* \prime}$ reel tape, $7^{*}$ takeup reel, splicing tape, patch cords. $14 \times 131 / 2 x$ $7^{\prime} .110-120 \mathrm{~V}, 60 \mathrm{~Hz}$ AC. Japan.
15 T 7224 RU. Wt., 22 lbs. \& 8 Monthly. ..... 149.95

Save $\$ 15.94$. . Five Reels
ALLIED 265 Tape FREE


## PANASONIC

## RS-766US Three-Speed Stereo Tape Deck $\$ 129^{95}$ <br> - Two Recording Level Meters <br> - Automotic End-of-Tape Shutaff <br> - Complete With Walnut Case

Separately, \$145.89. Solid-state deck records and plays four-track stereo through your present stereo music system or console. Has two recording level meters, four-digit tape counter. Single-lever for rewind, play, instant stop, fast forward. Automatic shut-off. $71 / 2,33 / 4,17 / 8 \mathrm{ips} .40-16,000 \mathrm{~Hz}$ at $71 / 2$ ips. $7^{*}$ reel capacity. Walnut case. $14 \times 12 \times 6^{3} / 4^{\prime \prime}$. With $7^{\prime \prime}$ takeup reel, plus five $1875^{\prime}$ reels of tape. For 117 VAC. Japan. Shpg. wt., $171 / 2$ lbs. 15 T C14412U. S7 Monthly.
129.95

## Special Value

 AIWABattery/AC Operation
$\$ 149^{95}$ so momir


## TP-1012 Portable Siereo Recorder

Records and plays full-range 4-track stereo or mono tapes anywhere-home, car, parties, outings, Level meters for each channel, automatic shutoff, digital counter, pause control, $7^{\prime \prime}$ reel capacity. $71 / 2,38 / 4,17 / 1 / \mathrm{ips} .50-16.000 \mathrm{~Hz}$. Inputs: 2 mike, 2 aux. Outputs: headphones, external speakers. Compartment for mikes, cord. With 2 mikes, $5^{\circ}$ reel tape, takeup reel, 8 " $D$ " batteries, AC cord. 12 V car cord. $131 / 2 \times 123 / 8 \times 7 \frac{1}{4}$. Japan.
15 T 7151 RU. Shpg. wt., 17 lbs. 88 Monthly.
149.95


## 433 Professional Three-Head Tape Deck

Features three heads to permit monitoring, switch-controlled echo, sound-on-sound. Iluminated function windows, 3 motors, counter, level meters, total shutoff, pause control. Vertical or horizontal operation. $71 / 2,33 / 4$, $17 / 8$ ips. Mike, aux. inputs with mix facilities. Headphone jack. $143 / 8 \times 153 / 4 \times 83^{\prime \prime}$. $7^{\prime \prime}$ takeup reel. Less mikes. Takes case below. 117 VAC.
is T7448 RU. Wt., 30 lbs. \$16 Monthly........ 319.95 is T7449 RX. Wood Cose, 4 lbs. \$5 Monthly......... 29.50

# Solid-State Stereo Tape Decks Featuring Three-Head Design for Direct Tape Monitoring and Special Effects 

## AMPEX

## 755 Three-Head Stereo Tope Dedk with Dual Capstan Drive

\author{

- Solid-State Record/Play Preamps <br> - Sound-with-Sound and Echo <br> - Automatic Tape Lifters
}

Deluxe deck has preamps for record/play of 4-track stereo and mono at $71 / 2,38 / 4,17 / 8 \mathrm{ips}$. Long-life deepgap heads, dual capstan drive. Tape monitoring, sound-with-sound, sound-on-sound, echo. Digital counter, automatic shutoff, two level meters, pause control. $15-15,000 \mathrm{~Hz}$ at $71 / 2$ ips. Flutter/Wow: $0.15 \%$. With $7^{\prime \prime}$ takeup reel. $13 \times 153 / 4 \times 61 / 2^{\prime}$. Takes case below. For 115 VAC. 29 lbs. 15 T 7265 U. $\$ 12$ Monthly. .
229.00

Model 1455. Automatic reverse; automatic threading; pause control; four heads; tape monitor; sound-withsound. $50-15,000 \mathrm{~Hz}$. Takes case below.

## 15 T 7263 U . Wt., 29 lbs. $\$ 16$ Monthly

329.00
 15 T 7301 X. Wood Cose. Wt., 13 lbs..
.9 .95


## PANASONIC

RS-768 Three-Head Stereo Tape Deck
$\$ 179^{95}$
$\$ 9$ monthly

- Two Integrated Circuits
- Sound-on-Sound with Switch
- Easy Threading System

Records and plays four-track stereo and mono through your music system or console at $71 / 2,38 / 4$, $17 / 8 \mathrm{ips}$. Two record level meters; tape counter; automatic stop at end of tape. Tape/source monitor switch. Sound-on-sound with switch and volume control. Sound-with-sound. Easy-threading system. Noise suppressor switch. Response, $30-21,000 \mathrm{~Hz}$ at $71 / 2$ ips. Flutter/Wow: less than $0.09 \%$ at $71 / 2$ ips. Inputs: 2 mikes, 2 aux. Outputs: 2 line, headphone. $7^{*}$ reel capacity. Wood cabinet and cover. With $7^{\prime \prime}$ takeup reel, reel holders, splicing tape, patch cords. For 117 VAC. $14 \times 191 / 2^{2 \times 3} 3^{\prime \prime}$ From Japan. 15 T 7494 U. Wt., 23 lbs. 8.9 Monthly....
179.95


Deluxe Features of Low Cost-Model 355 Three-Head Solid-State Stereo Tape Deck

$\$ 199^{50}$<br>- Sound-on-Sound and Echo<br>- Direct Tape Monitoring<br>- Scrape-Flutter filter

Excellent value in a three-head deck. Solid-state preamps for record/play of 4 -track stereo and mono at $71 / 2,33 / 4,17 / 8$ ips. Separate erase, record and play heads permits direct tape head monitoring, echo, sound-on-sound. Scrape-flutter filter and nonmagnetizing head circuit help prevent tape modulation distortion. Level meters, digital counter, automatic tape lifters, easy threading. Noise suppressor switch. $20-22,000 \mathrm{~Hz}$. Flutter/Wow: below $0.09 \%$ at $71 / 2$ ips. Walnut case. With dust cover. $7^{\prime \prime}$ takeup reel. $153 / 16 \times 71 / 16 \times 14^{\prime \prime}$. For 117 VAC. From Japan. Shpg. wt., 26 lbs. 15 T 7587 RU. 810 Monthly.
199.50

# Prices Cut on Aiwa Portable Tape Recorders 



## TP-802 Solid-State 7" Reel Recorder in Attache-Style Case <br> $79^{95}$ <br> $\$ 5$ monthly <br> - Level Meter - Digital Counter <br> - Tone Conirol - $7^{\prime \prime}$ Capacity <br> - Vinyl-Coated Steel Cose <br> - Built-In 6-inch Speaker

Was $\$ 89.95$. Top-quality monophonic recorder has hefty 2-watt output with $70-15,000 \mathrm{~Hz}$ response for excellent clarity. Built-in $6^{\prime \prime}$ speaker, outputs for hi-fi system or external speaker. Recording level meter: digital counter; pushbutton fast forward; tone control. $71 / 2$ and $33 / 4$ ips. Vinyl-coated steel case, $6 \times 14 \times 14^{\prime \prime}$. With remote start/stop mike, earphone, $7^{\prime \prime}$ takeup reel. reel of tape, patch cords for taping from radio-TV-phono. For 115 VAC. From Japan. Shpe. wt., 18 lhs.
15 T 7258 RX. 85 Monthly
79.95


TP-705 Solid-Stute Battery/AC 5" Recorder with AVC
Was 884.95. Monophonic portable boasts Automatic Volume Control to prevent distortion. Capstan drive at $33 / /$ or $17 / 8$ ips, battery or AC powered. Pushbutton controls, recording/battery meter, tone control, counter. Die-cast frame and handle. $3^{3} / 8 \times 108 / 8 \times 12^{\prime}$. Stop $/$ start mike, earphone, tape, batteries. Japan. 15 T 7272 RX . Wt., 12 lhs . 55 M onthly.


TP-730 Solid-State Battery/AC 5" Reel Recorder Was 5.59.95. Great for note-taking, "living letters"up to 3 hours monophonic on $900^{\circ}$ reel. Capstan drive for constant $33 / 4$ or $17 / 8$ ips on hattery or AC. Input for radio/TV: Automatic Level Control; tone control; level meter. $33 / 8^{\times 1} \times 121^{1 / 4}$. Stop/start mike, earphone, batteries, tape ${ }^{\text {™ }}$ " reels. Japan. 15 T 7516 RX . Wt., $81 / 2 \mathrm{lhe}$. 5 Monehly.
54.95


TP-713 Solid-State Battery/AC 5" Recorder with AVC Was \$69.95. Powered by 4 " $D$ " batteries or 110 VAC. Capstan drive at $33 / 4$ and $11 / 8$ ips. Monophonic: Automatic Volume Control prevents blasting. Tone control; record level battery meter; input for radio-TV-phono; $4 \times 28 / 4$ " speaker; digital counter. $3 \times 117 / 8 \times 12^{\prime \prime}$. With stop/ start mike, earphone, tape, reels, batt. Japan. 15 T 7274 RU. Wt. 10 lbs. 55 Monthly.
64.95


## TP-714 Budget-Prised 3 3 " ${ }^{\prime \prime}$ Reel Portable Recorder

Was s29.95. Records and plays monophonic tapes at $33 / 4$ and $17 / 8 \mathrm{ips}$. with capstan drive for uniform speed. Solid-State. Pushbutton controls: tone control; $6 \times 2^{2}$ oval speaker; aux input jack; extension speaker jack. $2^{55} \times 9 \times 9 \times$ ". With start/stop mike, 4 " $D$ " batteries, reel of tape. takeup reel, earphone. Japan. 15 T 7183 RX. Wt., 7 lhs. $\$ 5$ Mouthly.
27.95

# Big Values in Solid-State Portable Tape Recorders 

## ALLIED 1055 Bettery/AC $5^{*}$-Reel <br> Mono Recorder with Tope Bonvs

## Save ${ }^{s} 7.40 \$ 7095$


#### Abstract

Versatile recorder has switchable automatic level control, $3 \times 6^{\circ}$ speaker, monitor switch, counter. Record/battery meter. $33 / 4,17 / 8 \mathrm{ips}$. Mike, aux. inputs. Extornal speaker, headphone outpute. $11 / 4 \times 91 / 2 \times 31 / 2^{2}$. With startstop mike, 6 "D" batteries. AC cord, reel of tape, tnkeup reel. plus 10 -reel tape bonus. Japan. Wt., 16 lbs . 70.95


$15 \mathrm{~T} O 139$ L2X. 25 Monthly.
only $\$ 1$ more


Ten 900-ff. reels of Allied 255 tape. Recorder ond tape seporotely, $\$ 78.35$.

- Automatic Shutoff
- Instant Threading
- Pouse Control
- Level Meter


## $\$ 112^{50}$

$\$ 6$ monthly


Somy 104-A $7^{\prime \prime}$-Reel Mono Recorder with Level Control
Automatic record level control ${ }_{\text {c }}$ plus manual with level meter. Easy threading; automatic shutoff; amplifier doubles as PA; pause; counter; tape lifters. $1 \frac{2}{3}, 3 \frac{1}{4}, 71 / 2$ ips. $40-18,000 \mathrm{~Hz}$ at $71 / 2 \mathrm{ips}$. $6 \times 4^{\prime \prime}$ speaker; low, high-imp. inputs; outputs for monitor, speaker. Mike, earphone, 7 takeup reel. $61 / 2 \times 16 \times 10^{3} 4^{\prime \prime}$. For 115 VAC. Japan. 15 T 7253 RU. Wt., 16 lbs. $\$ 6$ Monthly.
112.50

Save s20.00 $\$ 149^{95}$ $\$ 8$ monthly

Was $\$ 169.95$


Concord F-89 Bottery/AC 31/4" Mono Recorder with Two Speakers
Records and plays high-quality mono at $33 / 4,17 / 8$ ips. Pushbution controls. Two speakers. $91 / 4 \times 43 / 8 \times 10^{\circ}$. Stopstart mike, stand. $31 /^{*}$ takeup reel. Order batteries below.
15 T 7149 RX. Japan. 41/2 lhs...... 39.50 18 T 5078 R. "C" Botteries. Uses 4. Shpg. Wt., 10 oz.......Pkg, of 2 for 33 \%

# Solid-State Portable Cassette Tape Recorders 



## TP-728 Bottery/AC Recorder

ALC Feature Prevents Overload Distortion

Wras 808.95 . Excellent value. Operates on 4 "C" batteries or 117 VAC. Records and plays up to 2 hours (2-track mono). Automatic level control prevents overload. Pushbutton operation-cassette pops-up when stop button is pressed. $4 \times 21 / 2^{\circ}$ speaker. $103 / 4$ x6x31/8". Stop-start mike, batteries, AC cord, earphone, cassette. Japan.
15 T 7517 RX. $41 / 2$ lbs.... 49.95


AIWA
IPR-103 Recorder/Radio $\$ 59^{95}$

Records AM Rodio on Cassettes

Was $\$ 69.95$. Recorder with built-in AM radio records from radio or mike. Cassette pops up at end of tape. Automatic level control, level/battery meter, tone control, monitor switch. ferrite antenna. $33 / 4 \geq 21 / 4$; speaker. Uses 4 " C " batteries or 117 VAC. Mike, batteries, earphone, AC cord, cassette. Japan.
15 T 7195 RX. 5 lbs.
58.95


This fine portable cassette recorder plays on batteries or 117 VAC with built-in cord, plug. Has fingertip cassette ejector, automatic level control, tone control, pushbutton operation, radio/TV input, and battery /level meter. Mike, earphone, case, cassette, 4 "C" batts. $91 / 2 \times 2^{5 /} / 8 \times 51 / 2^{\text {" }}$. Japan. 15 T 7071 RS. Wt., 7 Ibs. 55 Monthly.
99.50


CONCORD
Madel F-103 FM-AM Rediocorder
$\$ 99^{50}$
$\$ 5$ monthly

Cassette recorder with built-in FM-AM radio records from radio or mike. Records and plays up to 2 hours on standard cassettes. Tone control, AFC, level/battery meter, mike, AM, FM antennas. Uses 5 "D" batteries (order below) or 117 VAC. Japan. 15 T7536 RX. Wt., $51 / 2$ lbs. $\$ 5$ Monthly.
99.50 18 T 5079 R. Batteries. Wt., 10 oz...... . . . Pkg. 4/65\$


## CONCORD

F-400 Portable Steree Recorder ${ }^{5} 1399^{50}$ $\$ 7$ monthly

Records and Plays 4-Track Mono or Sterea . . . Has ALC Cassette recorder operates on batteries or 117 VAC. Records and plays 4-track mono or stereo. Has 8 watt stereo amplifier, outputs for external speakers and preamp, switchable automatic level control, and pushbutton operation. With mike, 6 batteries, blank cassette. $93 / 4 \times 123 / 8 \times 33 / 4$ ". Japan.
15 T 7322 RU. Wt., 12 lbs. *í Mmithly........ 139.50

# Cassette Recorders, Decks 

## 5 Save

 $\$ 5.00$ Norelco"Carry-Corder" 150<br>$\$ 5450$<br>\$5 monthly

Was \$59.50. Uses 5 batteries or AC adapter (order below). Records and plays up to 2 hours. Level meter, radio input, preamp output. carrying case, remote mike, patch cord, C-60 cassette. $73 / 4 \times 41 / 2 \times 21 /{ }^{\prime \prime}$. Holland.
15 T 7212 RS. 4 llbs. . . 54.50 18 T 5865R. Batts. 4 oz. $2 / 33$ ¢ 15T7215R. AC Adapler. Shpg. wt., 1 lb........ 19.90


Model 2704. Features pushbutton controls with car-tridge-ject button. Records 4-track stereo or 2-track mono for playback through your music system. Two illuminated level meters, digital counter, two mike inputs, two aux. outputs, headphone jack. Response, $50-10,000 \mathrm{~Hz}$ at $17 / 8 \mathrm{ips}$. Size, $31 / 4 \times 141 / 4 \times 91 / 2^{2}$. For 117 VAC. From Japan. Shpg. wt., 13 lhs.
15 T 7252 RU. 56 Monlhly.
119.95

$\$ 13995$

## Ampex "Micro 50" Stereo Tape Cassette Deck

Compact solid-state cassette deck plugs into music system for full tape facilities. Records and plays up to 120 minutes with standard instant-load cassettes. Has pushbutton operation, pause control, digital counter, level meter. With 2 mikes and stand. Walnut-finished cabinet, $31 / 2 \times 141 / 2 \times 8^{5} / 8^{\prime \prime} .117$ VAC. 15 T 7519 X. Wt., $61 / 2 \mathrm{lbs}$. 57 Monthly
139.95
 NEW

Cassette Recorder at Low Cost $\$ 2995$ $\$ 5$ monthly E

PANASONIC Recorder RQ-204S Portable Tope Cassette Recorder

- Cassette Pops Up for Easy Instont Change
- Solid-State with Eight Semiconductor Devices

Exciting low price for this fine tape cassette recorder! Runs on batteries or optional AC adapter. Features onelever operation, pop-up cassette ejection, battery/level meter, automatic level control, mike inputs, preamp output. Response: $80-8000 \mathrm{~Hz}$. Charcoal gray and antique white plastic case, $9 \times 23 / 4 \leq 10^{*}$. With remote-control microphone, C-7 cassette, and 6 " C " batteries. From Japan. Shpg. wt., 5 lbs.
15 T 7477 S. $\$ 5$ Monehly.
29.95

15 T7478. AC Adapter. Shpg. wi., 1 lb.
6.95


[^3]
## NEW <br> Wollensak Stereo Tape Recorders and Deck

These new Wollensak solid-state recorders feature two-motor drive. They run whisper-quiet. Wow and flutier is reduced to less than $0.15 \%$. One motor drives the capstan. The other handies speed functions and the exclusive electro-dynamic braking.

Open-front threading provides tape handling precision. Die-cast oluminum chossis provide moximum structural stability for years of service. Prafessionally colibrated level metern. Compressionloaded speakers reproduce sound with amazing realism.

# Wollensak 6300 Solid-State Stereo Tape Recorder with Two Speaker Systems 

Records and plays stereo and mono at $71 / 2,35 / 4,17 / 8$ ips. Delivers 8 watts per channel to two compression speaker enclosures. Open-front threading. Two motors. Electro-dynamic braking. Tone, pause controls, VU meters automatic shutoff, counter, monitor, stereo headphone jack, AM-FM multiplex ready. Die-cast aluminum chassis, $40-20,000 \mathrm{~Hz}$ at $71 / 2$ ips. Flutter/Wow, $0.15 \%$ at $71 / 2$ ips. With two mikes, $7^{\circ}$ reel of tape, takeup reel. Size, $141 / 2 \times 101 / 2$ $x 10 \frac{1}{2}$. Shpg. wt. 35 lhs.


Wollensak new solid-state deck records and plays through stereo music system or console at $71 / 2,3 \% / 4,17 / 8 \mathrm{ips}$. Openfront threading. Two-motor drive. Electro-dynamic braking. Tone control, pause control, VU meters, automatic shutoff, counter, monitor. Stereo headphone jack. Inputs: mike, preamp. $40-20,000 \mathrm{~Hz}$ at $71 / 2 \mathrm{ips}$. Flutter/Wow. $0.15 \%$ at $71 / 2 \mathrm{ips}$. With $7^{\prime \prime}$ reel of tape, plus $7^{\prime \prime}$ takeup reel. $13 \times 16 \times 5^{*}$. Shpg. wt., 23 ibs. 15 T 7582 U. f8 Monihly......... . . . . . . . . . . . . . . 149.95

## Featuring Compression-Looded Wing Speakers



## Wollensek 4800 Solid-State Stereo Tape Cussette Recorder

Records and plays monophonic and stereo standard cassettes at $1 / / \mathrm{i}$ ips. Two compression-loaded speaker systems provide excellent stereo. Interlocked start, stop. play and record controls make it possible to go from one function to another without stopping recorder. Two level meters, digital counter. Cassette ejector. Mike and phono inputs. Preamp and speaker outputs. Power Output: 8 watts per channel ELA. Response: $70-10,000 \mathrm{~Hz}$. Recorder, $41 / 2 \times 13^{7 / 891 / 4 " ; ~}$ speakers, $41 / 8 \times 131 / 981 / 8^{\prime \prime} .115$ V.A.C. With 2 mikes, 60 -minute cassette.
15 T 7583 U. Wt., 22 lbs. s 10 M onthly. . 199.95
Wollensak portable solid-state recorder boasts 16 -watt amplifier and two built-in speakers. Response of $40-20,000$ Hz for fine reproduction. 712, 3/4, 17/8 ips. Open-front threading. Two motor drive. Electro-dynamic braking. Tone control, pause control, VU meters, automatic shutoff, counter, monitor. Headphone jack. With two omnidirertional dynamic microphones, $7^{\prime \prime}$ reel of tape, take-up reel. Size, $13 \times 16 \times 5^{\circ}$. Shpg. wt., 32 lbs.
15 T7581 U. $\$ 10$ Momehly.
199.95


## 4 and 8-Track Tape Cartridge System

## Save

$\}$


# $\$ 99^{95}$ 

\$5 monthly

- Powerful 20-Wat Peak Power Output - 40-12,000 Hz Respome for Fine Stereo
- Fine-Tuning for Full Sterea Separation
- Tone, Balance and Volume Controts

Was $\$ 149.95$. Add a thrilling new dimension of sound to your home with a fully automatic 4-track and 8-track solid-state tape cartridge player system. Contemporary styling to complement your home decor. Speakens can be widely separated for full stereo sound. Matching enclosures give an integrated console look. Fine-tuning control aligns playback head for finest stereo. Tone, balance, Yolume controls. Amplifier delivers 20 watts of peak music power. Beautiful hand-rubbed oiled walnut cabinetry with rich grille cloth. $33 / \mathrm{ips}$. Response, $40-12,000 \mathrm{Hs}$. Player, $41 / 2 \times 131 / 4 \times 9^{\circ}$. Speakers, $41 / 2 \mathrm{~s} 101 / 9^{\circ}$. For 117 VAC. From Japan. Wt., 29 ibe. 15 T 7442 RU. 35 fonthly. ............................................ . . 99.95


Stereo 4 and 8-track tape cortridge ployer with matching anclosures that give on integrated console look or separote for best sterso sound. seautiful olled wood cabinets. Listen to the magnificent stereo sound of four ond sight-irock lape cartridges whout the inferference of commercial messages or needle scratches.

Values in Siereo Tape Cartridge Players


Exciting addition to your music system plays 8-track cartridges through your high-fidelity system or console. Built-in solid-state preamplifier plugs into auxiliary input of amplifier. Automatic or manual track changing. Track indicator lights. Tape speed, $33 / 4 \mathrm{ips}$. Rexponse, $50-12,000$ Hz . Signal-to-noise ratio, 51 dB . Elegantly finished oiled walnut cabinet, $41 / 2 \times 16 \frac{1}{2} \times 816^{\prime \prime}$. For 117 VAC. From Japan. Shpg. wt., $81 / 2$ lbs.
15 T 7209 RX. \$ Monthly.
69.95
matic solid-state 4 -track and 8-track stereo cartridge player. Plugs into amplifier having tape, phonograph or auxiliary input. Level controls for each channel. Fine-tuning control assures full stereo realism. Plays at $3^{3 / 4}$ ips. Response, $40-12,000 \mathrm{~Hz}$. Signal-to-noise ratio, 40 dB . Oiled walnut cabinet, $41 / 2 x 131 / 4 \times 9^{\circ}$. For 117 VAC. From Japan. Shpg. wt., $121 / 2$ lbs.
15 T7443 RX. \$5 Monthly.
69.95

Was $\$ 89.95$. Enjoy uninterrupted music on fully auto-


## TC- 8 Stereo Record/Playback Cartridge Deck

Plays Through Your Present Stereo Amplifier

Record and play stereo cartridges at home-also plays standard pre-recorded 8-track cartridges. Plugs into your present stereo amplifier and speaker system. Solid-state dependability. No reel threading and changing. Stereo headphone jack lets you listen in privacy. $33 / 4 \mathrm{ips} .40-12,000$ Hz . Flutter/Wow, less than $0.17 \%$. Automatic shut-off; visual channel indicator. Less mikes. 87/i6x1131/3x $4^{17 / 2^{2}}$ ". $117 \mathrm{~V}, 60 \mathrm{~Hz}$ AC. Japan. Shpg. wt., 11 lbs .
15 T 7047 RU. IV Monthly.
129.50


FREEI $\$ 3.98$ Value
Robins Tape Head Demagnetizer. Free with five reels of " 265 " tape. 8 oz. Specify 15 T 8127 RG.
IS T 8127 R. Dernag. Alone... 3.98

# ALLIED "265" Deluxe-Quality Recording Tape . . Head Demagnetizer fREE with Five Reels 



1. Head-Cleaning Tape Spliced to End of Reel
2. Sensing Foil at Each End of Tape Actuates Recorder with Reversing Mechanism
3. Color-Coded Leader at Each End of Tape

Allied's deluxe Ultra-Range " 265 " Magnetic Recording Tape gives you quality and features designed for the most critical demands. $7^{*}$ reels. Specially developed micro-polishing process cuts abrasion to a minimum. High signal-to-noise ratio.
Each reel contains a book of siliconimpregnated rayon tape-cleaning pads that extend tape and tape head life. Red and green colored polyester leaders are attached to opposite end of the tape to cut tape waste and ease editing and indexing. Ultra-thin bonded sensing foils at both ends of the tape for automatic reversing recorders.


A length of head-cleaning tape is spliced into one end of each reel to remove excess oxide from the tape heads. Has the latest and most advanced binder system that features built-in homogenized lubrication which prevents oxide peeling or flaking.
$11 / 2$ mil acetate is recommended for taping parties, dictation, home recordings; 1 -mil polyester for stereo LP's or for recording directly from a tuner; $1 / 2-$ mil polyester for extended recordings. Convenient tape log and time chart is printed on the back of every box. Order five reels of "Q65" tape and get the bonus Head Demagnetizer.

| Steok No. | Lengen In Feet | Mil | Ease | We. Lbs. | EACH |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 1.11 | 12-24 | 25-Up |
| 15 T 8269 R | 1275 | 1.5 | Acetate | 1 | 2.09 | 1.88 | 1.67 |
| IST8270 R | 1875 | 1.0 | Polyester | 1 | 3.19 | 2.97 | 2.65 |
| 15 T 8271 R | 2475 | 0.5 | Polyester | 11/2 | 4.60 | 4.14 | 3.89 |



## FREE CASE! $\$ .49$ Value

Free with Purchase of 5 Reels of 260 or 255 tape. Hardboard with hinged top. Wt., 2 lbs.

Specify 15 ' 8950 G.
15 T 8950. Cose Alone.. ..... 1.49

## ALLIED " 260 "

## Recording Tape

- Full Frequency Respónse - Migh Signal-to-Noise Ratia
- Deep-Lubricated for Minimum Tape Head Wear

Manufactured to Allied's high standards to meet the needs of cost-conscious recordists. This high quality tape is absolutely free from microscopic irregularities. Fine oxide coating assures optimum aignal-to-noise ratio. Has deep lubrication to prevent head wear from oxide build-up on tape heads. Highly resistant to temperature and humidity extremes. "2660" tape will deliver years of service, true high fidelity performance at low cost. Polyester, except acetate; thensilized polyester.

| Stoek No. | $\begin{aligned} & \text { Reel } \\ & \text { Slize } \\ & \hline \end{aligned}$ | Lengeh <br> (Feat) | M II | We. Lbes. | EACH |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 1-11 | 12-24 | 25-UP |
| 15 T8740 A | $31 / 4{ }^{*}$ | 600 | 0.5 | y | . 89 | . 79 | . 69 |
| 15 T 8741 R | $5^{\prime \prime}$ | 900 | 1.0 | $1 / 2$ | 1.18 | 1.06 | . 95 |
| 15 T 8742 ค | 7* | 1200 | 1.5* |  | 1.49 | 1.34 | 1.19 |
| 15 T 8743 m | $7 *$ | 1800 | 1.0 | 11/4 | 2.14 | 1.93 | 1.75 |
| 15 T 8744 m | 7" | 2400 | $0.5 \pm$ | 1 | 3.49 | 3.14 | 2.86 |
| 15 T 8745 m | 7* | 3600 | 0.5) | 1 | 4.98 | 4.49 | 3.99 |

## ALLIED "255"

## Recording Tape

- Special Oxide Formula for High-Fidelity Recordings
- Deep Lubrication for Longer Tope Head life

Now you can record your irreplaceable reconds at exceptionally low cost with Allied " 255 " recording tape. Guaranteed splice-free, this tape has a specially developed oxide formula to assure outstanding recording fidelity. Uniform sensitivity throughout permits smooth response. Deep lubrication protects both the tape and your expensive tape recorder heads. High tensile strength virtually eliminates tape breakage. Sturdy high-impact plastic reels preserve tape quality for years of hi-fi playback. Acetate base, except tpolyester.

| Stoch No. | Reel Slx. | Len椑th (Feor) | M ${ }^{\text {M }}$ | $\begin{aligned} & \text { We. } \\ & \text { Lbs. } \end{aligned}$ | EACM |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 1-11 | 12-24 | 26-Up |
| 15 T 2275 | 31/4* | 375 | 1.0 | 12 | . 69 | . 59 | . 56 |
|  | $5{ }^{*}$ | 900 | 1.0 | $3 / 4$ | . 84 | . 76 | . 72 |
| 15 T8277 | $7{ }^{\circ}$ | 1200 | 1.5 | 11/2 | . 99 | . 94 | . 89 |
| 15 T8278R | $7 \times$ | 1800 | 1.0 | 11/2 | 1.59 | 1.43 | 1.39 |
| 15 T 8279 ( | 7" | 2400 | 0.54 | 2 | 2.99 | 2.69 | 2.54 |

## ALLIED Super-Coated Blank Tape Cassettes

- Deep Lubrication Pratects Tape Heads Moisture and Heaf Resistant
- Excellent Response with Uniform Output - Durable Polyester Base
- Oxide is Super-Coated for Superior Signal-to-Noise Ratio

Allied's top-quality tape recording cassettes are made to rigid specifications to assure the best recording fidelity. Deep lubrication protects both the tape and your expensive tape heads. Reduced friction for instant starts and smoother operation.

Super-coated for high \$/N ratio. Uniform output for smooth response. Moisture and heat-resistant polyester base assures years of service. Get the Auto Butler Tape Carrier with purchase of 10 cassetter. Mounts anyushere. Holds 72 cassetles.

| Steck No. | Recording Time | Type | Wt., Les. | EACH |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 1-11 | 12-Up |
| 15 T8001 R | 60 min . | C-60 | 1/2 | 1.79 | 1.61 |
| 15 T8002 R | 90 min . | C-90 | $3 / 4$ | 2.69 | 2.42 |
| 15 T8003 F | 120 min . | C. 120 | 1 | 3.65 | 3.28 |

Magnetic Recording Tape Cartridge $0 \rightarrow$ Coneres




## Robins Deluxe Jape Care Kit with Accessories for Better Recording

Was \$19.95. Contains these deluxe accessories: "Junior" Tape Splicer; Head and Guide Cleaner and Lubricant; Head Demagnetizer; 75 Tape Clips; Splicing Tape; $7^{*}$ Takeup Reel; Color Coding Title Labels; Book on Tape Splicing; three Reels of $1200-\mathrm{ft}$. 11/2-mil Recording Tape; four Empty Boxes in a sturdy attame case. Size, 31/4×16×11'. Shpg. wt., 7 lbs. 15 T 8089 R.
16.95

## Robins Complete Tape Care Kit with Finest Recording Accessories

War 599.95 . Professional kit includes: Bulk Tape Eraser; Head Demagnetizer: ${ }^{*}$ " Takeup Reel: "Junior" Tape Splicer; $1200-\mathrm{ft}$. $11 / 2$-mil Recording Tape; Tape Lubricant and Head Cleaner; 75 Tape Clips; Splicing Tape; two Empty Boxes. With handsome attache case for compact storage. Has everything you'll normally need. $31 / 4 \times 183 / 2 \times 13 \frac{3}{4}$. 10 lhs. 15 T 8443 RX. $x_{5}$ Monuhly...... 24.95

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## Robins Low-Cost Tape Care Kit with Selected Recording Accessories

W'as 59.95. Get longer and better service from any recorder. Contains: "Cut-N-Splice" Splicer; Head and Guide Cleaner and Lubricant; Splicing Tape; 7 * Takeup Reel; 75 Tape Clips; One Reel 1200 -ft. $11 / 2$-mil Recording Tape; six Empty Tape Boxes in handsome attache case for compart storage, convenient carrying. $3^{1 / 4} \times 16 x$ $11^{\circ}$. Shpg. wt., $51 / 2 \mathrm{lbs}$.
15 T 8088 R.
8.45


A THS-1 Head-Kleen Spray. Aerosol spray removes dirt, oxides, other particles on recorder heads. Shpg. wt., 6 ox. 15 T 8760 R. $\qquad$ .1 .19 (B) TS-8D Splicer. Splices 4track stereo and mono tapes. Cuts diagonally. Blade adj. $100^{\prime \prime} 1 / 2^{\prime \prime}$ splicing tape. 15 T 8142 R. Wt., 1 Ib...... 779 [] Aiwa Universal Replacement Mike. Remote on/off switch, double plug. 10,000 ohms. 60$12,000 \mathrm{~Hz}$. Stand. Japan. 15 T 7565 RS. Wt., $1 \mathrm{lb} . .$. . 9.95


## Robins Tape Recording Accessories for Home and Studio



TM-44 Bulk Tape Eraser. For reels to $7 \times 1 / 4^{y}$. $51 / 4 \times 21 / 8 x$ $31 / 8^{*}$. For $115 \mathrm{~V}, 50-60 \mathrm{~Hz} \mathrm{AC}$. U.L. Listed. Wt., $23 / 4$ lbs.

15 T8242R.
..... . . . 10.95
[E] TCB-18 Mailing Boxes. For cassette tapes. Unique design protects cassettes for safe mailing. Wt., 6 oz .

## 15 T 8235. <br> Pkg. of 12/99

F TC-3 Storage Canister. For cassette tapes. Built-in reel stops prevent tape unwinding. slacking. Wt., 14 oz .


## Save on Ranger 4 and 8-Track Car Stereo Tape Players with Speaker Bonus Offer



## BONUS OFFER



Four of Our Best Car Stereo Speakers (Reg. $\$ 12.50$ Per Pair)

## (A) RR-42 Solid-State Car Tape Player with Bonus

Separately, 5104.95. Plays both 4 and 8 -track stereo tape cartridges with true-to-life realisin. Features fully automatic operation; safe, non-protruding thumbwheel controls. Has 20 -watt solid-state stereo amplifier; volume, balance, tone controls; illuminated channel selector. Fine-tuning control assures full channel separation-eliminates crosstalk even on worn or damaged cartridges. Response, $50-10,000$ Hz . Metal case, $27 / 8 \times 7{ }^{7} / 8 \times 8^{4}$. Mobile mounting bracket. ${ }^{2}$ VDC positive or negative ground. Bonus $51 / 4$ speakers have $5.5-0$. ceramic magnets; eloth-cone edges. Player from Japan.
19 T 0059 L3X. RR-42 with 4 Speokers. Shpg. Wi., 18 lbs. .
19 T 4575 RX. RR- 42 Alone. Shpg. wt., 12 lbs...
79.95

## B RR-60 Solid-State Tape Player/FM Rodio with Bonus

Separalely, \$144.95. Deluxe car stereo tape cartridge player plays 4 and 8 -track cartridges; provides brilliant mono-FM radio, too. Illuminated slide-rule FM dial flips back to accept cartridges. Has fully automatic operation; non-protuding thumbwheel controls for safe, convenient car use: 20 -watt solid-state stereo amplifier. Response: tape, $50-10,000 \mathrm{~Hz} ; F M, 50-15,000 \mathrm{~Hz}$. Handsome front panel. $27 / 8 \times 77 / 8 \times 8^{\circ}$. With mobile mounting bracket. For 12 VDC negative ground. Bonus $5 \frac{1}{4}$ 4 round hi-fi speakers have cloth-cone edges for full, rich bass; snap-in construction. Player from Japar:. 19 T 0039 L3U. RR-60 with 4 Speokers. Shpg. wt., 21 lhs..
19 T 4576 RU. RR- 60 Alone. Shpg. wt., 13 libs.

Automatic Radio 4/8-Track Car Stereo Tape Player with GW Plug-in Stereo FM Tuner

Gibbs Combination Solid-State 8-Track Car Stereo
Tape Player with Builtin Stereo FM Radio Now At A Sensational Low Sale Price!


Universol Tuner Cortridge Adds
Save ${ }^{530.00}$
Now
Only

$\$ 7$ Save $\$ 20.00$ ${ }^{\$} 129^{95}$ monthly

# - Automatic 4 and 8-Track Operation <br> - 10-Wat Solid-State Stereo Ampliffor <br> - Slimline Syling for Easy Mounting 

Separately. \$139.30. Model CFE. Automatically plays 4 und 8-track cartridges. Insert cartridge to begin play; depress "off" button to eject cartridge. Volume, tone, balance controls; lighted channel indicator. Mounting bracket. Tuner cartridge converts player to stereo F.M radio. Complete with battery, anteans connector. Size of player, $7 / \mathrm{zax}$ 7. 12 VDC negative ground. From Japan. Wt., 14 lbs.
19 Y 0063 L2U. Ployer, Tuner, 6 Monthly. . . 119.90
19 I 4055 RX. CFE Player Alone. 11 lbs......... 79.95 19 T 4052 RS, FM Tuner Alone. 3 lha..
59.95

- Boasts Powerful 12-Waft Solid-State Stereo Amplifer
- Handsome Black Leatherette Case with Brushed-Chrome Trim

Was \$169.95. Gibbs (Division of Hammond Oraan) Model CR-627. Deluxe car entertainment center boastis full-fidelity 8 -track tape player plus stereo FM radiol Automatic operation; 12-watt solidstate stereo amplifier; track indicator lights; manual channel selector. Stereo-FM reidio has illuminated slide-rule tuning dial; function switches for FM-only, FM-MPX, and FM/AFC. Power and stereo indicator lights. Response: tape, $70-10,000 \mathrm{~Hz}$; Wow and Flutter less than $0.3 \%$; Stereo $\mathrm{FM}, 70-10,000 \mathrm{~Hz}$. FM-stereo channel separation, $25 \mathrm{~dB} ; \mathrm{B} / \mathrm{N}$ ratio, 30 dB . Volume, tone and balance controls. Black leatherette case, $8^{3} / 4 \times 8 \times 31 / 8^{\circ}$. With mobile mounting bracket. Requires speakers. 12 VDC negative ground. 19 T 4057 RU. Japan. Shpg. wt., 13 lhs. ${ }^{7} \% \mathrm{Month}$.
129.95


## Universal Momophonic FM Twner Cartridge

Slips into 4 or 8-track car tape player and converts it into a full-fidelity monophonic FM radio. Tunes your favorite FM broadcasts with unique roll-bar tuning dial. With auxiliary antenna jack. $7 / 8 \mathrm{x}$ $3^{15} / \mathrm{fr}_{6} \times 1 / 2^{\prime \prime}$. Battery below.
19 T 4600 S. Wt., 12 oz. 5.5 Monihly. ......... 26.95
18 T 5980 R. 9-V Battery. (Use 1.) $6 \mathrm{oz} . .$. Pkg. $2 / 59 \not \subset$


## Aotomatic Radio 4*/8-Track Car Stereo Tape Player

Separately, 864.93. Compact car stereo tape cartridge player features 8-watt solid-state stereo amplifier; automatic operation; "Gidget adapter for 4 -track tapes (included). Volume, tone, separation controls; track indicator light. Response: $80-12,000 \mathrm{~Hz}$. Handsomely styled metal case, $23 / 2 \times 6 \times 61 / 4$. With mobile mounting bracket. For 12 VDC negative ground. With Car Speaker Bonus. 19 T 0064 L2X. Player from Japan. Shpg. wt., $12 \frac{1}{2}$ lbs....... . . 59.95


## Save ${ }^{s} 11.95$

With Bonus ${ }^{\$} 29^{95}$

## AILIED ${ }^{*}$ Solid-State Car Stereo

## Reverb System with Speaker Bonus

- Adds A New Dimension to Stereo Tapes and Stereo FM
- Contrals Reverberation Separately for Each Channel
- Handsomely Styled Grained Chrome Die-Cast Front Panel Separately, 541.90. Deluxe car stereo reverb adds a pleasant new dimension to your car stereo tapes and stereo-FM broadcasts. Enhances mono FM or AM broadcasts, too. Mixes sound from each stereo channel and delays it through rear speaker-fills that hole-in-the-middle with reverberation. Infinite control selections; solid-state circuit ; front panel operation. Volume, Balance, Reverb controls-pilot lights for "On" and "Stereo". Die-cast panel, grained chrome with polished chrome edges. $13 / 4 \times 8 \times 53 / 4$ " 12 VDC. With Bonus. 19 T 0052 L2X. Shpg. wt., $81 / 2 \mathrm{lbs} .85$ Monthly.... 29.95 19 T 4133 R. Reverb less speaker. 5 lbs.
28.95


## ALIED Dash-Mount Tunable Reverb with $6^{\prime \prime}$ Round Hi-Fi Speaker

Was \$21.95. Double-spring reverb with tunable control gives powerful "concert hall" sound from radio broadcasts. Mounts easily under dash, connects to your car radio. Has safety knobs, on-of switch, pilot light. Reverb, Balance controls. Solid-state circuit. Handsomely styled in chrome and non-reflecting pebble grain. $11 / 2 \times 7 \times 516^{\prime \prime}$. Includes $6^{\prime \prime}$ round speaker (for convertibles and hard-tops) with 6x $9^{\prime \prime}$ adapter-board (for rear deck mounting), handsome chrome speaker grille. For 12 VDC negative ground systems. Shpg. wt., 6 lbs.
19 T 4543 R. $\$ 5$ Monthly.
19.95

## ALIIED Trunk-Mount Tunable Reverb with Under-Dash Control Unit, Speaker

Was 224.95. Deluxe solid-state trunk-mount reverb unit has variable control on dash panel that lets you adjust reverberation for thrilling "live" sound from oar radio broadcasts. Double-spring system for full, wide-range sound. Control panel mounts easily under dash, has safety-type recessed knobs, pilot light. Reverb, Balance controls. With $6^{2}$ hi-fi speaker, (for hardtops and convertibles), $6 \times 9^{\prime \prime}$ adapter board (for rear-deck mounting), $6 \times 9^{\prime \prime}$ chrome grille. Reverb mounts in trunk. 12 VDC negative ground. Shpg. wt., $51 / 2 \mathrm{lbs}$. 19 T $4541^{\text {R. }}$. 5 Monthly.


## Save s 10.00 <br> $\$ 89^{95}$

## Inland Deluxe Sterea-FM Car Radio

Fas 899.95 . Double your driving pleasure with true stereo-FM. Solid-state radio mounts easily under dash, pulls in thrilling stereo-FM programs, plus mono FM. Powerful circuit with 30 watts ( 15 per channel) peak output. Channel separation, better than 20 dB . Four double-tuned IF stages; AFC for drift-free reception; electronic mono-stereo switching. Balance, volume, tone controls, mono-stereo switch. $2 \frac{1}{2} \times 93 / 4 \times 61 / 2^{\prime \prime} .12$ VDC. 19 T 4539 RU. Japan. Shpg. wt., 7 lbs.
89.95


## Save ${ }^{5} 2.88 \underset{\substack{\text { winh } \\ \text { Bons }}}{\substack{\text { Win }}} \mathbf{2 9}^{95}$

## Uni-Tach Motor Monitor with FREE Bonus

Separately, \$8.83. Versatile test instrument can be dash or console-mounted or used as tune-up tester. Measures engine rpm: $0-1600,0-6400$; dwell angle, $0-45^{\circ}-60^{\circ}$; battery output, $0-16$ volts. Determines point condition, monitors timing. For 4, 6, 8-cylinder engines, 6 or 12 -volt systems, positive or negative ground. Easy to install, only 3 connections. $61 / 4 \times 33^{3} \times 2^{\circ}$. With cable, hardware, test leads. FREE Bomus.
19 T 0062 L2X. Shpg. wt., 6 lbs. 55 Monthly........ 29.95

# Combination Offer! Ignition System with Auto Tester 

## Save ${ }^{\$ 10.00} \quad \$ 49{ }^{90}$

Separately, 559.90 . Delta "Mark 10" capacitivedischarge ignition system features Silicon-Con-trolled-Rectifier (SCR) switching develops 3 to 4 times more energy with spark rise-time 10 times faster for complete combustion. Provides $20 \%$ better gas mileage; 3 to 10 times longer spark plug life; 60 to $80 \%$ less engine maintenance. Unaffected by temperature extremes, assures fast starts in any weather. Dual-Range Dwell/ Tach/Points tester has 31/2" meter; 0-1000 and $0-5000 \mathrm{rpm}$ ranges; $0-45^{5}, 0-60^{\circ}$ dwell ranges; resistance scale for points. Idling speed, highspeed adjustments. 12 VDC neg. gnd. 4 lbs. 19 T 0061 L2X. Ignition System, Tester.


## Deluxe DC Power Timing Light

## Save ${ }^{\$} 5.00 \quad \$ 19^{95}$

Was $\$ 24.95$. Provides brilliant. blue-white flash bright enough to check ignition timing even in daylight. Safe, shockproof. Tripleplated chrome finish. Comfortable formfitted handle, trigger switch Operates from 6 or 12 -volt car batteries. Fully protected against burnout caused from reversed polarity. Test leads. $31 / 2 \mathrm{lbs}$.
19 T 4463 R. $\$ 5$ Monihly.
19.95

## RAC Idle/Dwell/Tach Auto Tester Save ${ }^{5} 3.00 \quad \$ 14{ }^{95}$

Was $81 \% .96$. Measures dwell and rpm on 4, 6, 8 -cylinder engines without changing connections of instrument. Scales: $0-1000 \mathrm{rpm}$; $0-45^{\circ}, 0-60^{\circ}$ dwell angle. Tells when points are spaced correctly; reveals dwell angle variations. Checks weak cylinders, valves, plugs, air-filter capacity, air fuel ratio. Burnout-proof meter. With test leads. 19 T 4197 R. Shpg. wt., 1 lb..

## Professional Exhaust Gas Analyzer Save ${ }^{5} 5.00 \quad{ }^{\$ 6495}$

 Was 869.95. Checks combustion problems and assists in making caburetor adjustments. Carburetor can be set while car is idling, or pickup unit can be hung on bumper and receiver placed in car for precise settings while on the road. Measures air fuel ratios from 10.2 to 15 , and percent of combustion. Color-coded scales. 81/2x10x $63 / 4$. Shpg. wt., 12 lbs.19 T 4207 RX. 85 Monthlu.
64.95

## Solid-State Auto Analyzer

## Save ${ }^{\text {s }} 10.00$ <br> \$5995

Was 599.95 . Deluxe analyeer combines 7 instruments in one! Tach reads engine rpm; dwell meter tests points, distributor, etc.; voltmeter, ammeter and ohmmeter for electrical systems; condenser checker; ignition test scale. Has color-coded scales; $6^{\circ}$ meter. For 4, 6, 8-cyl. engines, 6, 12-V systems. With batteries, leads.
19 T 4208 RX. Shpg. wt., 8 lbs.
59.95


- Silicon-Transistor Ignition System
- Requires Just Two Wires from Coil
- Manual Covers U.S. Cars, 1960-1969

Separately, \$49.85. Performance-proven electronic-magneto ignition system offers improved ignition for faster starts, better high-rpm engine performance, longer spark plug and point life. Like the air-craft-type mechanical magneto, voltage increases with engine speed, matching ignition requirements of the engine. Even output waveform is the same as magneto, giving hotter spark and reduced plug wear. One-piece unit installs easily-simply transfer two wires from present coil. Uses less current than standard ignition, too. For 6 or 12-volt negative ground. Chilton's 1969 Auto Repair Manual covers over 50 makes and models; has detailed repairs and adjustments. 1400 pages, 3000 photos, diagrams. Shpg. wt., $101 / 2$ lbs. 19 T 0053 L 2 K . Ignition and Manual.
39.88

## Save ${ }^{\$} 4.00$

$\underset{\$ 39.95}{\text { Reg. }} \$ \underbrace{\$ 5} \underset{\substack{\$ 5 \\ \text { monthly }}}{ }$

- Cover: $\mathbf{2 0 0 - 4 0 0} \mathrm{kHz}, 500 \mathrm{kHz}$ to 30 MHz in Five Bandswitched Ranges
- Superhet Circuit Has High-Selectivity Controlled-Regenerative IF Amplifier
- AVC Assures Even Volume When Receiving Signals of Widely Different Strengths
- Illuminated Signal Strength Meter
- Automatic Noise Limiter Cuts Static
- Code Key Jack for Code Practice


## 

## Rontolit-Nedt

## 100-in-I Electronic Science Lab Kit

$$
\begin{array}{ccc}
\substack{\text { Save } \\
\$ 5.07} & \$ 248 \\
\$ 29.95
\end{array}
$$

## Knight-Kit's Star Roamer 5 -Band Shortwave Receiver Kit. . Tune In on the World

Thrill to the excitement of hearing around-the-world broadcasts; ship-to shore signals; or set your watch to the exact time given by U.S. Government's station WWV in Colorado; aviation weather reports; Const Guard signals. Listen to Hams, Citizens Banders; radio-telephones-plus AM programs on this shortwave receiver kit that you can build yourself.
Full coverage of these bands: $200-400 \mathrm{kHz}$ Longwave; $500-1800 \mathrm{kHz}$ standard AM; $1.8-4.8 \mathrm{MHz} ; 4.8-12 \mathrm{MHz}, 12-30 \mathrm{MHz}$ Shortwave bands. Five bandswitched ranges; electronic bandspread control. Illuminated signalstrength meter. IF sensitivity control. AVC assures even volume. Automatic Noise Limiter cuts static for clear reception. Antenna trimmer peaks incoming signals. Built-in $4^{*}$ speaker; front-panel headphone jack. Illuminated slide-rule dial.
Code key jack for code practice. Ideal for novice kit builders. Includes all parts, with precut, stripped and tinned wire; non-technical instructions. Gray cabinet. aluminum front panel. $51 / 2 \times 12 \frac{1}{4} \times 8^{*}$. Optional accessories below. For 110-130 volts, 60 Hz AC. Japan.
22 T 3102 RX. Shpg. wt., 12 lhs. 85 Monthly.
35.95

22 T 3099 RX. Antenna Kit for Outdoor or Attic. Shpg. wt., 1 lb............. 1.39
22 T 3257 RX, Dual Headset with Cord and Plug. Shpg. wt., 1 lb............ . 2.50
17 T 6656 R. Code Practice Key. Shpg. wt., 1 Ib.
2.35

Deluxe kit lets you create exciting, instructive projects-build a crystal set radio, code buzzer. transistor radio, audio amplifier, many othersmore than one-hundred projects. Easy assembly, no soldering, all you need is a screwdriver. Includes: solar type photocell, meter, tube, transistors, power transformer, dual headset, speaker and antenna. Power transformer isolates AC line for safe operation. 156-page instruction manual includes basic electronic principles. $8 x$ $141 / 2 \times 8^{\prime \prime}$. For $110-130$ V, $50-60 \mathrm{~Hz} \mathrm{AC}. \mathrm{Japan}$. Shpg. wt., 8 lbs.
22 T 3997 RX. $\$ 5$ Monthly.
24.88



# Knight-Kit KG-865 Silicon-Transistor 50-Wath 

## Stereo Amplifier Kit at Lowest Price Ever

Extraordinary value in a fine amplifier. Offers outstanding hi-fi performance, full 50 -watt power output, super-stable silicon transistors. Boasts exceptionally wide response and power bandwidth due to special Complementary Symmetry Circuit that eliminates driver and output transformers. Delivers full rated power from $20-20,000 \mathrm{~Hz}$. Response, $\neq 1 \mathrm{~dB}, 18-30,000 \mathrm{~Hz}$.
Has 22 premium semiconductors, including special preamplifier transistors that alash internal noise. An array of controls puts you in command of both stereo and mono functions. Separate on-off switch-volume control settings need not be disturbed. Ganged volume, bass and treble controls. Frontpanel stereo headphone jack aud speaker muting switch.
Printed circuit boards for easier assembly. Heavy-gauge extruded aluminum front-panel with walnut finish inserts. Inputs for magnetic cartridge, tuner and auxilisry. Two AC outlets on rear of chassis. $35 / 15^{5} \times 13 \times 10^{\prime \prime}$. With solder, step-by-step instructions. Optional case below. From Japan.
22 T 3700 RX. Shpg. wt., 10 lbs. 85 Monthly.
64.95

22 T 3713 RX. Oiled Walnut Wood Case. Shpg. wt., 6 lbs....
12.95

## SPECIFICATIONS

Output: 50 watts IHF, 25 watts per channel; 34 watts sine wave. Response: $\pm 1 \mathrm{~dB}, 18-30,000 \mathrm{~Hz}$. Power Bandwidth: $20-20,000 \mathrm{~Hz}$ at $1 \%$ harmonic distortion. Hum and noise: Tuner, Aux. inputs. -65 dB ; Mag Phono, -60 dB , Channel Separation: over 50 dB . Impedances: $4-16$ ohms; plus stereo headphones. Damping Factor: 50. IM Distortion: under $1 \%$ at 60 Hz and 7000 Hz mixed 4:1 at rated power. Input Sensitivity: Mag. Phono, 5 mV ; Tuner and Aux, 400 mV . Power Requirement: $110-130$ volts, 60 Hz AC.

## Save ${ }^{55} .00$

$$
\begin{gathered}
\text { Reg. } \\
\$ 69.95
\end{gathered} \leftrightarrow<\substack{\text { less } \\
\text { case }} \underset{\text { monthly }}{\$ 5}
$$

## DELUXE FEATURES

- Transformerless Audio Circuits for Exceptionolly Wide Response
- Silicon Transistors Exelusively for Cleanest Possible Hi-Fi Sound
- Two Printed Circuit Boards For Eosier and Quicker Assembly
- Front-Panel Stereo Headphone Jack, plus Speaker Muting Switch
- Two AC Convenience Outlets for Plugging In Tuner or Changer


## Save ${ }^{8} 15.95$

Case Sells Alone for $\$ 16.95$. Deluxe wood case with handsome hand-rubbed oiled walnut veneer gives your tape deck a custom appearance. Great for use on shelf and table, or in cabinet

## KG-415 With Bonus

$$
\$ 250^{913} \text { montily }
$$



# DELUXE FEATURES 

- Preassembled Viking 2-Motor Tape Transport
- Separate Hyperbolic Record, Play and Erase Heads for Direct Monitoring
- Built-in Bias Test Oscillator
- Separate Solid-State Record and Play Preamplifiers
- Stereo Headphone Ampliffer
- Cue Control for Editing
- Push-to-Reset Digital Tape Counter
- Flip-Up Tape Head Cover
- Automatic End-of-Reel Shutoff
- Single-Knob Tape Operation
- Precision VU Mefer for Each Stereo Channel
- Operates Vertically or Horizontally


## knight-Kit Professional-Quality 4-Track Stereo Tape Deck Kit

Separately, 266.90 . The perfect addition to any quality music system. Solidstate record/playback preamp; three 4-track heads for sound-on-sound, echo, special effects; exclusive stereo headphone amplifier module for instant playback through low-impedance stereo headphones. Boasts complete mounting flexibility-plays in both vertical and horizontal positions.
Two speeds: $71 / 2$ and $33 / 4 \mathrm{ips}$. Precision capstan motor with flutter/filter belt drive; separate takeup motor. Six illuminated windows show record and playback functions. Two VU meters; volume and level controls for each stereo channel. Digital tape counter with push-to-reset button, cue control, and easy-edit flip-up head cover make tape editing easier than ever. Automatic end-of-reel shutoff. Single knob tape motion control.
Special $100-\mathrm{kHz}$ bias test oscillator permits precision adjustments of bias and erase voltages. Solid-state module-type circuits with preassembled Viking tape transport for simplified assembly. $141 / 2 \times 14 \times 8 \frac{1}{2} 2^{\prime \prime}$. With all parts, easy-to-follow assembly instructions. For $110-130 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$. Order dynamic mikes below. With Oiled Walnut Wood Case Bonus.
22 T 0665 L2Z. Shpg. wt., 39 lbs. $\$ 15$ Monthly.
250.95

22 T 3788 RZ. KG-415 Kit Alone. Shpg. wt., 30 lbs.
249.95

22 T 3366 RX. Knight KN-45208 Mike. Japan. Shpg. wt.. 2 libs........ Each 9.95

## SPECIFICATIONS

Response: $\pm 2 \mathrm{~dB}, 50-18,000 \mathrm{~Hz}$ at $71 / 2 \mathrm{ips} ; \pm 2 \mathrm{~dB}, 50-14,000 \mathrm{~Hz}$ at $3 \frac{3}{4}$ ipe. Flutter/Wow: less than $0.2 \%$ rms at $71 / 2$ ips. $S / N$ Ratio: 50 dB or better. Harmonic Distortion: less than $1.5 \%$ at "O" VU. Max. Reel Size: 7". Equalization: $71 / 2 \mathrm{ips}, \mathrm{NAB} ; 38 / 4 \mathrm{ips}$, EIA. Input Impedances: Mike, 3000 ohms; Line, 50,000 ohms. Outpul Impedances: Playback, 250 ohms; Source, 1000 ohms; Monitor Playback, 250 ohms. Solid-State Modular Circuit: 17 transistors, 6 diodes. Mntors: Capstan motor; separate takeup motor.



#### Abstract

Separately, 507.72. Deluxe solid-state auto analyzer helps you do your own tuneups and make many of your own repairs or adjustments. Accurately checks generators, regulators, alternator diodes. Detects distributor wear, variation in dwell angle, condition of point surfaces. Determines coil resistance, locates poor or open ground circuits, much more. Battery-powered and portable to permit actual road tests. Single function switch; easy-to-read $7^{\prime \prime}$ meter with D'Arsonval movement. Has scales for 0-1200-6000 rpm; $0-3.2-16$ volts; $0-90$ amps; $0-20,000$ ohms; $0-45^{\circ}-60^{\circ}-90^{\circ}$ dwell angle, spark output and leakage. For 6, 12 volt systems; 4, 6, 8-cylinder engines; positive or negative ground. Rugged case, $6 \frac{1}{2} \times 12 \times 5 \frac{1}{2}$ ", has roll bars, carrying handle, soft rubber feet. With comprehensive tuneup and troubleshooting manual, batteries, $90-\mathrm{amp}$ shunt. Bonus items for complete car testing and care-Chilton's 1969 Auto Repair Manual covers U.S. cars, 1960-1969; Compressiom Tester; Vacuum and Fuel Pump Tester; Remote-Starter for oneman under-hood lesting. Analyzer from Japan. 22 T 0707 L5X. Shpg- wt., 22 lbs. 85 Monthly. 50.95

22 T 3323 RX. KG-375A Kit Alone. Shpg. wt., 11 lbs.



(A) Auto Manual
(B) Compression

Tester


Save ${ }^{5} 16.77$
$\underset{\text { Bonus }}{\text { With }} \$ 50^{95}$

## KG-371 Solid-State Timing Light Kit

Easy-to-build timing light kit, ideal for setting ignition timing, checking synchronization of breaker arms, distributor cam wear, spark advance mechanism. Builtin solid-state DC power supply and 600 -volt flashtube. Gives up to 1200 flashes per minute ( 2500 rpm with 4 cycle engine). High impact housing, form-fitting trigger switch. All cables are $5 \frac{1}{2}-\mathrm{ft}$. long for easy under hood testing. High-voltage cable attaches between spark plug and its wire; DC cables attach directly to battery. For 6, 12-V systems, positive or negative ground. $67 / 8 \mathrm{x}$ $83 / 4 \times 2^{\prime \prime}$. Japan. Shpg. wt., 2 lbs. 22 T 3312 RX. \$5 Monihly.
19.95





8-175

Save on Knight-Keit T-175 Linear Amplifier Kit for 6 and 10-Meter SSB/AM/CW

- Covers 6, 10 and 11-Meter* Bands
- Operates with Most Transmitters
- No Internal Connection to Exciter

Was 599.95 . Finest Ham Radio value "on-the-air." The T-175, the choice of experts, puts extra power in your Hamshack. Delivers plate power input of up to 300 watts PEP on SSB, 120 watts AM, 150 watts CW. Drive requirements are $1-15$ watts PEP SSB, $1-4$ watts AM, 1-7 watts CW (50ohm 5-watt swamping resistor supplied for higher power exciters). Two illuminated meters for plate current and combination grid current, relative power. Internal automatic antenna changeover circuit for SSB, AM and low speed CW-no internal connections to transceiver are required. Dependable, premium quality components.
Rugged fan for forced air cooling during transmit. Thermal radiators on plate caps reduce tube temperature. Standard SO-239 coaxial connectors. Input impedance, 50 ohms nominal; output impedance, $50-70$ ohm pi matching network. $51 / 2 \times 131 / 8 \times 11^{\prime \prime}$ deep. Coils supplied for ${ }^{*} 26.960-29.700 \mathrm{MHz}$ and $50-54 \mathrm{MHz}$. With all parts, wire, solder, instructions. For $110-130 \mathrm{~V}, 60$ Hz AC. *Illegal for Class D CB Operotion in U.S.
22 T 3463 RX. Shpg. wt., 22 lbs. 55 Monthly.

Save s 10.00 ${ }^{\$ 8} 895$
\$5 monthly

SPECIFICATIONS
Power In put (Depends on input drive level): AM, 120 watts max.; CW. 150 watts max. ; SSB, 300 watts PEP max. Class of Operalion: Class $\mathbf{B}_{2}$, grounded grid, triode connected beam pentodes. Input Impedance: 50 ohms nominal. Output Impedance: Pi-matching network for $50-70$ ohm loads with a VSWR of 3:1 or less. Tubes: 6JE6A output amplifiers; 12AT7 relay amplifier. Pouner Consumption: 200 W max. 45 W standby.

C-577 Audio Compressor/Preamplifier Kit
Was \$19.95. Increases efficiency of your CB outfit. Gives higher average modulation output for greater peak power, far greater range, voice clarity. Solidstate. Serves as low level preamp for low and high impedance mikes. Separate, adjustable compression and output level controls. Edge-reading meter shows relative compression. Front panel on-off switch bypasses compressor without disconnecting. Switches in and out of circuit as needed. Assembles easily on rugged printed circuit board. $27 / 8 \times 61 / 4 \times 3^{\prime \prime}$. All parts, wire, solder, instructions. Order battery below. Shpg. wt., 3 lbs.
22 T 3816 X . 14.95
22 T 3005 X. 9-V Battery. (Uses 1.) $12 \mathrm{oz} . .$. Pkg. $3 / 79 \mathrm{f}$


Buy Your Knight-Kit Equipment with Alled's Credit Funt Plan


## KG-372 Capacitive-

 Discharge Ignition System Kit
## With Bonus <br> $\$ 29^{14}$



Kit Sell. Alane for 828.95 . Boosts gas mileage; increases spark plug life; assures fast, sure starts in any weather. Silicon-Controlled-Rectifier (SCR) switching. Complete combustion process reduces formation of engine contaminants. Input current, $1-5$ amps; 400 -volt discharge pulse. Installs with no rewiring into standard ignition; disconnects for easy performance comparisons. $3 \times 51 / 2 \times 35 / 8{ }^{\prime \prime} .12$ VDC. Fith Bonus.
22 T 0092 L2X. Shpg. wt., $21 / 2$ libs. $\$ 5$ Monthly
29.14

## KG-385 FM Wireless <br> Microphone Kit Broadcasts Through FM Radio

With Bonus<br>\$907



Kit Sells Alone for 88.88 . No larger than a pack of cigarettes. Broadeasts through any FM radio or tuner up to 50 feet. No wires or connectors needed. Uses vacant frequency on FM band ( $90-100 \mathrm{MHz}^{2}$ ). Can be used as intercom. Solid-state. Front panel transmit switch; telescoping anteuna. Aluminum case, $31 / 2 \times 21 / 2 \times$ $1^{\prime}$. Order 9 -volt battery below. With Bonus.
22 T 0093 L2X. Shpg. wt., 1 lb.
is T 5980 R. 9 -Volt Battery. 6 oz.
Pkg. of 2 for 59 \&

14-Watt
Mono $\mathrm{Hi}-\mathrm{Fi}$ Amplifier Kit With Bonus
$\$ 2269$ cover


KM-15 Kit Sells. Alone for ${ }^{2} 22.50$. Versatile push-pull amplifier has 14 -watt IHF output. Equalised input for magnetic cartridge; high level input for tuner or ceramic cartridge. Response, $\pm 1.5 \mathrm{~dB}, 30-15,000 \mathrm{~Hz}$. Volume, Bass, Treble controls. Phono-Tuner, On-Off switches. Premium EL-84 tubes. Jet black chassis, 5x $91 / 2 \times 6^{\circ}$. Cover below. 110-130 VAC. Japan. With Bomus. 22 T 0094 L2X. Shpg. wt., $81 / 2$ lbs. si Monthly . . . 22.69 22 T 3783 RX. Gray Mefal Cover. Wt., 2 lbs.......... 4.50

## KG-201 Motor Speed/Light Control Kit With Bonus <br> 



Kit Sells Alome for $\$ 9.95$. Solid-state. Controls speeds of power tools, appliances, other tools with universal AC-DC motors. Varies brightness of incandescent lamps and floodlights. Handles motors to 7.5 amps resistive loads to 900 watts; lamps to 500 watts. Takes 10 -amp surges. Thermal circuit breaker. 3 -wire ground-ed-type 6 -ft. AC cord. Compact case, $27 / 8 \times 4 \times 13 \frac{1}{2}^{\prime \prime}$. For $110-130 \mathrm{~V}, 50-60 \mathrm{~Hz} \mathrm{AC}$. With Bonus.
22 T 0095 L2X. Shpg. wt., $21 / 2 \mathrm{lbs}$.
10.14

C-100 SolidState WolkieTalkie Kit Outfit With Bonus ${ }^{8} 10^{07}$


Outfit Sells Alone for $\$ 9.88$. Includes Two C-100 Walkie-Talkies; Two Handy Carrying Cases; Three $9-$ Volt Batteries. Solid-state walkie-talkies have crystalcontrolled transmitter; super-regenerative receiver. Send and receive messages up to $1 / 4$ mile. Push-to-talk switch; volume control; $40^{\circ}$ telescoping antenna; $2^{\prime \prime}$ speaker/mike, 3-transistor circuit. $53 / 8 \times 27 / 6 \times 18 / 4$. Complete with Channel 7 transmit crystals. With Bonus. 22 T 0096 L6X. Shpg. wt., 3 lbs..
.10 .07


Outfit Sells Alone for 824.88 . Deluxe Walkie-Talkie Outfit includes Two C-555 Walkie-Talkie Kits; Two 9Volt Batteries; Two Transmit and Two Receive Crystals. Walkie-Talkies have crystal-controlled transmit and receive; superhet receiver; $3 / 4$-mile range; volume control; $40^{\circ}$ telescoping antenna; earphone jack; 5 -transistor circuit; $2^{\prime \prime}$ speaker/mike. $7 \times 31 / 8 \times 2^{\prime \prime}$. Specify Channel 2-22 for crystals. With Bonus. 22 T 0097 L3X. Shpg. wt., 5 lbs. $\$ 5$ Monthly.
25.07

# ONLY 19: MORE WHEN YOU BUY ON THESE TWO PAGES . . SAVE $\$ 2.37$ 

## KG-646 Sensitive 20,000 Ohms-per-Volt VOM Kit Fits Right in Your Pocket

## 

Kit Sells Alone for 811.95 . Invaluable aid for servicemen, technicians, hobbyists. Reads AC, DC volts to 1000 ; DC current to 250 mA ; resistance to 1 megohm L(Self-Inductance) to 5 kH ; C (Static Capacity) to 250 pF . Has 2 dB scales: -20 to +20 ; and -20 to +36. AC, DC accuracy: $=2 \%$ full seale. 20,000 ohms/volt DC ( 10,000 ohms/volt AC) sensitivity. $5 \times 31 / 2 \times 14^{2}$. Batteries, leads. With Bonus. Japan. 22 T 0098 L2X. Wt., $11 / 2$ Ibs. 12.14

## G-30 Grid-Dip Meter

 Kit-An Invaluable Ham Shack Aid
## With Bonus

$\$ 24^{14}$


Kit Sells Alone for \&Os.95. Extremely useful for any Ham shack, lab or shop. Features continuous overlapping coverage of 1.5 to 300 MHz ; color-coded dial scales to match coils ( 6 coils included) variable sensitivity control. Dial calibration; movable hairline cursor. Only $1.5 / 8^{\prime \prime}$ deep, fits easily in your hand. Phone jack for use as modulation monitor or regenerative detector. $6 \frac{1}{8} \times 31 / 4 \times 15{ }^{\prime \prime} .115$ V, $50-60 \mathrm{~Hz} \mathrm{AC} .\mathrm{With} \mathrm{Bonus}$. 22 T 0114 L2X. Shpg. wt., $21 / 2$ lbs. $\$ 5$ Monlhly... . . 24.14

## KG-275 Exposure Meter Kit Is So Sensitive It Even Reads Moonlight

## With Bonus <br> ${ }^{5} 20^{14}$

Kit Sells Alone for $\$ 19.95$. CdS (Cadmium-Sulfide) light meter has color-coded scales, precision Honeywell taut-band movement. Low range: 0.014-28 f3. High range: $28-28,000 \mathrm{fc}$. ASA settings: 6 to 12,000 . f/Stop: $0.5-64.41 / \frac{1}{x}$ $21 / 2 \times 188^{*}$. Batteries, neck cord Order case, extra batteries below With Bonus. Wt., $11 / 2$ lbs. s5 Monthly.
22 T 0099 L2X. Wt., $11 / 2$ lbs. 20.14 22T3186RX. Deluxe Cose. 6 oz. 3.95 18 T 5317 R. Boths. Use 2. Ec. $50 \nless$


## KG-666 200-Wat

 Power Inverter/ Charger KitWith Bonus<br>${ }^{8} 45^{14}$



Kut Sells Alone For $\$ 44.95$. Converts 12 VDC to $110-130$ VAC to let you operste AC appliances in car or boat. DC output for universal motor loads; delivers Hi-Lo b-amp tapering charge to $12-\mathrm{V}$ batteries. Silicon diode starting; capacitive/diode despiking. Square wave output, $55-65 \mathrm{~Hz}$. Rated 200 watts continuous. Load optimizing switch; pilot light; fuse. 4 germanjum power transistors. $48 / 4 \times 8 \times 81 / 4^{\circ}$. With Bonus.
22 T 0115 L2X. Shpg. wt., $91 / 2$ lbs. $\$ 5$ Monthly..... 45.14


KG-225 Kit Sells Alone for $\$ 37.90$. Two-station wireless intercom system for utmost convenience and versatility. No wiring needed between stations-simply plug into AC outlet. Solid-state units can originate calls; have push-to-talk button with lock bar. Two channels let you operate independent systems ( 4 or more units) on the same line. Handsome sea-foam green and cream cases, $31 / 4 \times 81 / 4 \times 534^{2}$. 115 VAC. Japan. With Bonus. 22 T 0117 L2X. Shpg. wt., $81 / 2$ lbs. 55 Monthly.... 38.09

## 



## (A) KG-645A 5000 Ohms/Volt VOM Kit

Here's big news in a VOM that's a great value for hobbyists and technicians. It has 38 measuring ranges; 5000 ohms /volt AC and DC sensitivity; meter movement protection on voltage, current and dB ranges; precision $1 \%$ multiplier resistors; ohms/zero adjust; range switch; function switch. $41 / 2^{\circ}$ two-color meter with 8 scales. AC-DC Volts and Output: 0-1-5-10-50-100-500-5000. AC-DC Current, 0-1-10-100 mA-1A. Ohms: $0-5 \mathrm{~K}-50 \mathrm{~K}-500 \mathrm{~K}$. $\mathrm{dB}:-20$ to +76 in 6 ranges. Rugged case, $68 / 4 \times 51 / 4 \times 23 / 4$. . With battery, leuds, carrying strap, manual with "How to Use" section. 22 T 3914 X. Japan. Wt., 3 lbs. $\$ 5$ Monthly. 19.95

## [B] KG-644 Solid-State Signal Injector Kit

Exciting low price for one of the handiest trouble shooters ever. Completely portable and self-contained signal injector kit is a must for anyone who works on radios, audio amplifiers. TV, other electronic devices. Produces a signal rich in harmonies for tracing audio, RF and IF circuits. Pushbutton operation. Insulated test probe. Battery condition light. Cylinder-type handle houses circuit-permits. long use without tiring. With 4 penlight batteries, and assembly instructions. Japan. Shpg. wt., 8 oz .
22 T3915 X.
4.95

## © KG-229 Remote Control Speaker/Timer Kit

 Extension Speaker/Timer Confrols V dome, On-OffHere's a complete remote control center, with built-in 60 -minute timer and speaker, that does all this from up to 15 ft. from your radio, TV or phono; turns set on and off; controls set's volume; controls volume of remote unit's own speaker; turns off set automatically siter preset delay of up to 60 minutes. Main/Extension speaker switch. Earphone and jack. With $15^{\prime}$ remote cable. 115 VAC cord. Japan. 1 ib. 22 T 3331 X.
7.95

## Big Values for the Hobbyist and Servicemal

## © RG-234 Two-Station Intercom Kit

Our lowest price yet for a complete all-transistor 2 -sta tion intercom kit. Ideal for baby minding-sensitive enough to pick up baby sounds in bedroom. Simple to operate-just press button to talk, release to listen Volume control is on Master-station. Circuit permits signal to be sent even if switch is in "off" position on Remote-station. Attractive high-impact plastic cases, gold-color grilles. $3 \times 1 \frac{3}{4} \times 4^{\prime \prime}$. With 9 -volt battery, 66 -ft. interconnecting wire, plugs, Includes step-by-step instructions. From Japan. Shpg. wt." 1 lb . 22 T 3334 X .

## B KG-205 Telephone Amplifier Kit

Double the usefulness of your telephone for one low price! Handy telephone amplifier kit permits "hands free" phone conversations. Lets the whole family listen to calls. Ideal for the hard of hearing, too. Solid-state circuit amplifes the sound from your telephone to room level. No electrical connection to phone necessarypickup has suction cup mount for instant attachment to any phone. Volume control, on-off switch. With $9-$ volt battery, step-by-step instructions. Japan. Shpg. wt., 1 lb .
22 T 3333 X
6.95

## © KG-801 Low-Priced Stereo Heodphone Kit

 Comfortable Fitting . . 20-20,000 Hz ResponseFull-fidelity headphone kit reproduces stereo with excellent realism and response. Large earcushions seal out room noises. Lets you listen in private, and enjoy all the volume you want without disturbing others. Light in weight and has adjustable headband and padded earcushions for maximum comfort. Frequency response, $20-20,000 \mathrm{~Hz}$. Complete with $6-\mathrm{ft}$. cord with standard 1/4" phone plug. All parts and step-by-step instructions. From Japan. Shpg. wt., 1 lb. 22 T 3359 X.
5.95



## ALIEE SCIENCE CENTER

## Latest in Science Kits Fun and Informative!

## Nova Planetarium Brings Mysterious Outer Space into the Home

$\$ 14^{88}$

- Shows More Than 60 Constellations As Seen in the Northern Hemisphere
- Pointer Uses Planetarium's Current
- Includes Instructions and Star Charts

Now you can study the wonder and majesty of outer space in your home with the Nova Home Planetarium. Shows more than 60 constellations as they are seen in the Northern Hemisphere, plus all major southern constellations. Lighted pointer, which uses planetarium's current, lets you point out stars and constellations of interest. Planetarium adjusts for any latitude north of the equator, any month of the year, any hour of the night. You can even manually track star motion in daily increments. Built-in horizon maintains proper perspective regardless of latitude setting. With brightness control, star charts, instructions. $15 \times 10 \times 10^{\circ}$. For $110-120$ VAC. Shpg. wt., 4 lbs. 22 T 3696 X.
14.88


## Renwal Visible Mon and Visible Head



Operating scale model has molded parts in 4 colors and clear plastic. Moving parts may be viewed in operation. Electric motor. plastic and metal parts. Order 2 "C" batteries below. $141 / 2 \times 101 / 2 \times 71 / 4$. 22 T 9554 RX. Shpg. wt., 5 lbs.
18 T 5865 R. "C" Batteries. 6 o7. Pkg. of $2 / 33$ d


## Digi-Comp 1 Digital Computer

Digi-Comp 1 is an operating deak top digital computer. Programing this binary machine makes it easy to see the basic operating principles of bigger computers. Performs all basic arithmetical operations, solves problems, processes data, does missile countdown and checkout, and more. With instructions. $12^{*}$ long, $5^{*}$ high. 22 T 3699 X. Shpg. wt., 2 lbs..
4.95

> Piggyback 90-Watt Amplifier Kit with Assembled Speaker

| BONUS OFFER |  |
| :---: | :---: |
| only 19 c more |  |
|  | Save $\$ 14.76$ <br> 3.Tronistor fuzz Foxiniroduces to ony Amplifier |


${ }^{170} 0^{14}$
$\$ 9$ monthly
KG-387 Alone
${ }^{8} 169^{95}$
\$9 monthly

Separately, 8184.90 . Solid-state 90 -watt peak music power amplifier kit has versatile controls. Reverb and tremolo for the grooviest sound effects. Speaker system has two husky Jensen $12^{\prime \prime}$ speakers.
Solid-state amplifier kit has FET's in the preamp stages for low noise. Dual channels with two inputs each. Normal channel is for the lead guitar or other instrument. Second channel hias Hammond reverb unit with separate rate and intensity controls. Foot switch and jack permit remote control of the reverb and tremolo effects.
Speaker system and amplifier are covered with gray Tolex. Amplifier, $51 / 2 \times 19^{3 / 488^{3} / 4^{\prime \prime} \text {. Speak- }}$ er system, $261 / 2 \times 10 \times 221 /{ }^{\circ}$. With precut wire, solder, and step-by-step instructions, phes bonus Fuzz Box. For 110-130 V, 60 Hz AC. Shpg. wt., 62 lbs .
22 T 0712 227. 89 Monthly.


## Delta Model 3000 Field-Effect-Transistor VOM Kit

- Ten-Turn Zero and Ohms Adjust Potentiometers
- Low-Circuit-Looding $10-$ Megohm Input Impedance
- FET Input with Linear Current Regulation
- Integrated Circuit Amplifier
$\$ 5$ monthly

This exciting new VOM kit gives you the accuracy of a fine VTVM. Its Field-Effect-Transistor input permits full 11 -megohm input impedance for negligible circuit loading. Invaluable for radio and TV servicemen, technicians, hobbyists, and experimenters. Ideal for working with modern transistorized equipment, signal tracing, alignment, current, voltage, and resistance messurements. Advanced design includes integrated circuit amplifier-it's highly stable, completely portable. and easy to use. Has stable current regulation with a linear diode on resistance ranges. Low 0.3 V and $0.03 \mu \mathrm{~A}$ ranges for servicing transistor radios and other transistorized devices. Ranges: AC and DC Voltage, $0-1000 \mathrm{~V}$ in eight ranges; AC and DC Current, $0-300 \mathrm{~mA}$ in eight ranges; Resistance, 10 ohms to 10 megohms center-scale in eight ranges. Size, $61 / 2 \times 8 \times 31 / 2^{\prime \prime}$. With all parts, step-hy-step instructions, test leads, and battery. Shpg. wt., 8 lbs.
22 T 3750 X. 5 Monthly.
59.95


## Double Bonus Sale! Lamp Kit plus Book with Any Knight-Kit on This Page


(4) KG-640 20,000 Ohms/Volt VOM Kit

With Bonus
$\$ 40^{14}$
\$5 monthly

Kit Alone, ss9.95. AC, DC to 4000 V : output, ohms, current, dB, 0.8 VDC scales. Taut band meter movement. 57 ranges. $63 / 4 \times 71 / 4 \times 33^{\prime \prime}$. Batteries leads plus $\$ 3.50$ book, " 101 Ways to Use Your VOM and VTVM" Lamp Kit. 22 T 011 L3X. Japan. Wt., 8 lbs. . . . 40.14

## (B) KG-625 Precision $6^{\prime \prime}$ VTVM Kit

With Bonus
$\$ 40^{14}$
\$5 monthly

Kut Alome, $899.95 . \pm 3 \%$ DC accuracy $=5 \%$ AC. $1 / 2-\mathrm{V}$ full scale DC range. AC, DC to 1500 V , direct reading $\mathrm{p}-\mathrm{p}$ AC. Pre-aged bridge tube, gimbal bracket. $73 / 4 \times 12 \times 51 \frac{2}{2}^{\prime \prime}$. 115 VAC. Battery, probe plus $\$ 3.50$ book " 101 Ways to Use Your VOM and VTVM', Lamp Kit. 22 T 0119 L3X. Japan. Wt., 12 lbs.

## © KG-685 Color Bar/Pattern Generator Kit

With Bonus
$\$ 90^{14}$
$\$ 5$ monithly

Kit Alone, $\$ 89.95$. Solid-state. Seven crys-tal-controlled patterns. - 2 V output for Zenith sets. Zener regulation. Service light. $45 / 8 \times 95 / 8 \times 12^{\prime \prime}, 115$ VAC. With leads. plus $\$ 2.50$ book "Know Your Color TV Teat Equipment", Lamp Kit.
22 T 0120 L3X. Wt., 17 Ibs..
90.14
[0] KG-635 DC to $5.2 \mathrm{MHz} 5^{\prime \prime}$ Oscilloscope Kit
Kit Alone, s119.95. 1650-V CRT poten-
With Bonus
${ }^{\mathrm{s}} 120^{14}$位/shunt peaking. DC coupled amps; $X$ and $Y$ linear grids. 5 time base ranges; nuto astigmatism correction. Regulated power supply. $117 / 8 \times 157 / 8 \times 7^{7 / 8}$. 115 VAC. With $\$ 2.50$ book. "Know Your Oscilloscope", Lamp Kit.
22 T 0113 L32. Japan. Wt., 32 lbs... . 120.14

## (A) KG-687 Precision Sweep/ Marker Generator Kit

Was $\$ 120.00$. Silicon-transistor circuit. All-electronic sweep from 1 Hz to as high as 18 MHz at highest center frequency; cyrstal-controlled and variable post-injected marker system. Sweep range: $3-220 \mathrm{MHz}$ on 5 bands; marker: $2-225 \mathrm{MHz}$ on 4 bands. Regulated power supply; dual regulated and calibrated 0 to -20 V AGC bias supplies. Automatic level control: AC/DC coupled feedback; 5-band saturable reactor. 4-step decade attenuator with level control. 4" metal dials; 6:1 vernier drive. RF retrace blanking and horizontal phase adjustment for use with scopes (front panel scope outputs). Crystal may be mixed with variable marker. On-off switeh for crystal function. $101 / 4 \times 143 / 4 \times 7 / 4$ ". 4.5 M Hz crystal, $\mathrm{HC}-6$ /U holder. 110 $130 \mathrm{~V}, 50-60 \mathrm{~Hz} \mathrm{AC}$. 22 T 3994 RX. Wt., 13 lte.
99.95

22 T 3356 RX. $5-\mathrm{MHz}$ Crystal. 3 oz .4 .95 22 T 3357 RX. 10.7 MHz Cry. 3 oz .4 .95

## B KG-686 Laboratory RF

 Signal Generator KitW'us 895.00 . Boasts silicon transistor circuit; built-in $100 \mathrm{kHz} / 1 \mathrm{MHz}$ crystal calibrator. Covers 100 kHz to 54 MHz (covers all TV IF frequencies). Accuracy is $=1.5 \%$ on any of 5 fundamental bands, usable to $\pm 0.1 \%$ with erystal calibrator. Floating, chassis-isolated nscillator; tunable $\overline{\mathrm{L}}$ and $\mathbf{C}$ on every band. Six separate-step attenuators for 21 discrete levels to -96 dB . Fine attenuator control covers -10 to +2 dB . Detector-ampli-fier-speaker system gives audible ".gero" beats from calibrator. Bridged "T" 2-stage modulation oscillator, $4^{\prime \prime}$ metal dial; $6: 1$ vernier drive. Regulated power supply. Output is calibrated into 50 -ohm load, $120,000 \mu \mathrm{~V}$ max. Steel case, $101 / 4 \times 143 / 4 \times 71^{\prime \prime}$. With BNC output jack, mated terminal cables. $110-130 \mathrm{~V}$, b Hz AC 22 T 3993 RX. Wt., 15 lhs.
79.95

## c) KG-688 Deluxe Sine/Square Wave Generator Kit

Was 576.00 . Ideal signal source for all types of equipment. Sine wave coverage: 20 Hz to 2 MHz (covers entire AM radio band). Square wave coverage: 20 Hz to 200 kHz . Silicou transistor circuit. Sulzer oscillator circuit uses Field-Effect-Transistor. Complementary symmetry output; multiple feedback circuit with barreter element for constant amplitude output. Sine wave output voltage adjusts from 0-7.5 Vrms into 10 K ohms or higher. Square wave output adjusts from $0-10$ volts p-p into high impedance loads; rise time: less than 0.1 $\mu$ sec at 20 kHz . Constant-impedance step attenuators for up to 41 dB attenuation in 1 dB steps. $4^{*}$ dial; $6: 1$ vernier drive. Ground post at rear of chassis. 5-way binding posts accept standard GR plugs. $73 / 4 \times 73 / 8 \times 101 / 4$ ". $110-130 \mathrm{~V}, 50-60 \mathrm{~Hz}$ AC.
22 T 3995 RX. Wt., 10 lbs.
59.95

## knight-kit ProfessionalQuality Test Generators


(4)

## Save 20.05 \$ 9995 s5 monthly



## Save ${ }^{5} 15.05$ <br> $\$ 5$ monthly



# Sale Priced! Knight-Kit ${ }^{\oplus}$ TR-106 6-Meter and TR-108 2-Meter Amateur Transceiver Kits 



## VHF Transceiver Kits with Solid-State Power Supply

TR-106 6-Meter Transceiver Kit. Feature-packed transceiver has solid-state 115 VAC/12 VDC power supply. Factory assembled and aligned nuvistor RF and orystalcontrolled mixer stages simplify construction. Dual conversion receiver has $0.5 \mu \mathrm{~V}$ sensitivity. ANL; AVC. Efficient three-stage transmitter has doubler, tripler and straight-through final amplifier.
Includes: separate AF and RF gain controls, "S" /RF meter, spot switch, vernier drive tuning, transmit indicator light. Front mounted speaker. front panel headphone jack. Three front-panel crystal sockets, rear-panel VFO input, VFO power output. SO-239 co-ax connector. With noise-cancelling push-to-talk mike, metal case, detailed instructions. $51 / 2 \times 131 / 8 \times 11^{\prime \prime}$. Order crystals at right or VFO below. 22 lbs. 22 T 3460 RX. 8.5 Monthly
99.95

TR-108 2-Meler Transceiver Kit. As above, but covers $144-$ 148 MHz . Has tube-type RF stage. Sensitivity, 1.0 $\mu \mathrm{V}$. Doubles in final. $51 / 2 \times 13^{1 / 8 \times 11^{\prime}}$. Order cyrstals at right or VFO below. Shpg. wt., 22 lbs. 22 T 3462 RX. s5 Monthly.

## TR-106 AND TR-108 SPECIFICATIONS

RECEIVER. Coverape: TR-106; 6-meters, $50-52 \mathrm{MHz}$. TR108; 2 -meters, $144-148 \mathrm{MHz}$. Input Impedance: 50 ohms. Sensitivity: $6-\mathrm{M}, 0.5 \mu \mathrm{~V} ; 2-\mathrm{M}, 1.0 \mu \mathrm{~V}$. Selectivity: $8-\mathrm{kHz}_{5}$ bandwidth at 6 dB down. Audio Output: More than 5 watts at $10 \%$ distortion. TRANSMITTER. RF Power In put: 15 watts nominal. Output Impedance: $30-90$ ohms; pinet coupling. Modulation: AM (hi-level plate and screen). Frequency Control: Fundamental ( 8 MHz ) crystals or VFO.

## ACCESSORIES FOR KNIGHT-KIT TR-106 AND TR-108 AMATEUR TRANSCIEVER KITS

## 22 T 3140 RX. Base for Desk-Top Use. 5 lbs.

Each 2.95

## Knight-Kit Model V-107 VFO Kit for 6 and 2 Meters



## Designed for use with

 TR-106 and TR-108 $\$ 24^{95}$ \$5 monthly- Clapp Oscillator Circuit
- Effortless Vernier Tuning
- Témperafure Compensated

Why be "rock-bound" when you can go where you want with this quality VFO kit. Designed especially for use with TR-106 or TR-108 transceiver kits. Boasts Clapp oscillator circuits, carefully temperature compensated for maximum stability. DC supply for oscillator stabilized by voltage regulator. Draws power from transceiver. Calibrated, backlighted dial with smooth vernier tuning. Converts for either 6 or 2 meter operstion. B+ switch and indicator light for standby operation. Metal case, $51 / 2 \times 41 / 4 \times 61 / 4$. With all parts, wire, solder and easy-to-follow step-by-step assembly instructions. Shpg. wt., 5 lbs.
22 T 3461 RX. 85 Monihly. .
24.95

# Sale Priced! knight-kit Safari ${ }^{\otimes}$ III Solid-State Two-Way CB Radio Kit 



## Citizens Band 5-Watt Two-Way Radio Kit with 23 Channels

- Factory Assembled and Aligned Transmitter Circuit
- Unique Push-to-Talk Mike Also Serves As Speaker
- Fine-Tuning Control Pulls In Off-Frequency Stations
- 23 Crystal-Controlled Transmit/Receive Channels
- All Silicon Transistor Circuit for Super Stability
- Generous Heat Sinking Assures Longer Transistor Life


#### Abstract

Two-way citizens band radio gives you top performance and versatility at an exciting low sale price. Our bestselling Knight-Kit Safari III is loaded with deluxe features. Compact, all-silicon solid-state model offers full 23-channel crystal-controlled transmit/receive capability. Crystals simply plug into circuit. Illuminated channel selector. Factory assembled and aligned transmitter circuit simplifies assembly and assures you of excellent performance with full 5 -watt input power. Transmit indicator lights when you are transmitting. Circuit has 14 silicon transistors and 9 diodes for excellent stability. Massive, heat sinks assure long, trouble-free transistor life. Sensitive superhet receiver features a fine-tuning control that lets you tune in stations that are operating slightly off frequency, Accurate " S " meter reads incoming signal strength and serves as a tuning meter. Built-in series-gate noise limiter effectively overcomes pulse-type interference. Adjustable squelch control silences receiver between calls, eliminating annoying background noise.


Unique hand-held push-to-talk microphone also serves as a speaker-lets you bring those weak stations "up close." Efficient double-pi output circuit with standard So-239 coax connector matches 50 -ohm antennas. A minimum of front-panel controls makes this outstanding transceiver as easy to use as your car radio. Operates with very low current drain.
Metal case, only $21 / 8 \times 67 / 8 \times 81 /{ }^{\text {a }}$. With crystals for Channel 9; mike/speaker; all parts, wire, solder and detailed step-by-step assembly instructions. For 12 VDC, negative ground. Order AC supply, battery pack, extra crystals below. Shpg. wt., 3 lbs. 22 T 3842 RX. 85 Monthly.
59.95

## SPECIFICATIONS

RECEIVER. Sensitivity: $1.5 \mu \mathrm{~V}$ for 10 dB S/N ratio. IF Selectivity: $\pm 4 \mathrm{kHz}$ at 6 dB down for $10 \mu \mathrm{~V}$ input. Adjacent Channel Rejection: over 30 dB on 5 tuned circuits. TRANSMITTER. Power Input: 5 watts. Output Impedance. matches $50-\mathrm{ohm}$ antenna. Modulation: $\pm 80 \%$ minimum. Power Output: 3 watts.
22 T 3197 RX. Mobile Mounting Bracket. 3 lbs.3.95Extra Crystals. Sperify Channel. 1-23. 3 oz.
22 T 3217 RCX. Transmit. . Ea. 2.50 Lots of 3 ..... Ea. 1.95
22 T 3218 RCX. Receive. Ea. 2.50 Lots of 3 ..... Ea. 1.95
AC Power Supply and Charger. Factory assembled. Letsyou use your Safari III on 115 VAC. Also serves as acharger for portable pack. $28 / 4 \times 57 / 8 \times 8^{\prime \prime}$.22 T 3180 RX . Shpg. wt., $31 / 2 \mathrm{lbs}$......... . . . . . . . 15.95

## Accessories to Add Extra Versatility to Your Safari III CB Transceiver

Accessories to Add Extra Versatility to Your Safari III CB Transceiver

Portable Battory Pack. Uses 9 " $D$ " cells, rechargeable or regular. Battery condition meter. With cables, carrying strap. $11 / 2^{x} 7 \times 81 / 2^{\prime \prime}$. Order batteries below. 22 T 3196 RX. Shpg. wt., 2 lbs......................... . . 9.95 18 T 5815 R. Rechargeable Cells. 4 oz....................ch 1.00 18 T 5779 R. "D" Cells. Wt., 5 oz........ . Pkg. of 2 for $33 \phi$ Canvas Carrying Bag. Holds unit, battery pack.
22 T 3199 RX. Shpg. wt., 2 lbs.
.9 .95

## AlliED Dual-Band VHF-FM Monitor Receiver

DELUXE RECEIVER TUNES BOTH $30-50 \mathrm{MHz}$ AND $152-174 \mathrm{MHz}$ BANDS

## 

Lowest Price Ever!

Save ${ }^{8} 5.00$

## A-2589 Solid-State VHF-FM

 Receiver For Exciting Listening
## 152-174 MHz FM Band

Police, fire, civil defense, other emergency services, United States Weather Bureau forecasts, railroads, taxicabs, forestry and conservation, highway trucks, private mobile telephone.

## NOTE

Frequencies used differ in various parts of the country. Check with lacal authorities for the specific frequencies used by the various services in your own region.
Range: $30-50 \mathrm{MHz}$ and $152-174 \mathrm{MHz}$. Sensitivity: Better than $4 \mu \mathrm{~V}$ for 20 dB S/N. IF: 10.7 MHz . Power Supply: Full wave, transformer operated; zener diode regulation. Semiconductor Complement: 20 transistors, 10 diodes, and two thermistors.

- 20 Transistars, 10 Diodes, and 2 Thermistors
- Four IF Stages Provide Excellent Selectivity
- Stable Zener-Diode-Regulated Power Supply
- Squelch Circuit Silences Speaker Between Calls

Was $\$ 79.95$. Listen to dramatic Industrial, Land Transportation, Public Safety and Domestic Public Service messages in your area. Covers both the $30-50 \mathrm{MHz}$ and $152-174 \mathrm{MHz}$ FM bands. Solid-state circuit offers instant operation and dependable reception. Sensitive receiver is designed to provide clear, static-free reception. Powerful push-pull audio output drives a built-in $4^{*}$ speaker. Boasts four IF stages, tuned RF and mixer stages for greater sensitivity and selectivity. Automatic Volume Control (AVC) prevents overload or blasting by strong signals and builds up weak signals. Adjustable squelch eliminates background noise during standby operation. Highly stable regulated power supply. Panel jack for external 8-ohm speaker or headphones. $50-75 \mathrm{ohm}$ antenna input. Order antenna below for best longrange reception. Gray metal case, $57 / 16 \times 117 / 8 \times 73 / 4^{\prime \prime} .117 \mathrm{~V}, 50-60 \mathrm{~Hz}$ AC. From Japan. Shpg. wt., 11 lbs.
17 I 6980 RU. 8.5 Monthly.
74.95

7 T 6226 R. 8-Ohm Dual Headset with Plug and Card. Wt., 1 lb......
5.95

## SPECIFICATIONS

## Boost the Performance of Your Receiver with a VHF-FM Antenna



## ALLIED Ham/SW Receiver and Speaker Offer




Four Mechonical Filters For Best Selectivity

## CHECK THESE DELUXE FEATURES



## A-2515 Solid-State Five-Band AM/CW/SSB Receiver with Matching Speaker for only \$1 More

- Two FET's in RF Stage for High Sensitivity - Front-Panel Antenna Trimmer - Product Defector for SSB Reception - Illuminated Signal-Strength Meter

Separately \$109.90. Bring the world into your home or heighten your Ham shack enjoyment with this sensitive, versatile receiver. Receives longwave and shortwave signals on four big bands, plus standard AM broadcast band. Covers $150-400 \mathrm{kHz}, 550-1600 \mathrm{kHz}, 1.6-4.8 \mathrm{MHz}, 4.8-14.5 \mathrm{MHz}, 10.5-30$ MHz . Receives all Amateur bands from 80 to 10 meters, international shortwave, foreign broadcasts, aircraft and marine broadcasts, many more. Choose your listening from AM, CW or SSB. Calibrated bandspread for $80-10$ meters. Logging scale for other frequencies.
Modern solid-state circuit uses two Field-Effect-Transistors in the RF stage for high sensitivity and lowest noise. Large illuminated slide-rule dial. Four mechanical filters provide superior selectivity for good station separation. Receiver muting connections. Dual power supply makes the A-2515 ideal for emergency, mobile, and field-day uses.
Noise limiter and automatic volume control reduce noise, blasting and fading. Built-in variable BFO and product detector give clear reception of code and single-sideband. Illuminated $S$-meter for easy visual tuning. Push-pull audio output stage with thermistor for low distortion. Handsome gray metal cabinet, $75 / 8 \times 15 \times 10^{\circ}$. Vinyl cover. For 117 VAC or 12 VDC, negative ground. Accessories at right. With bours speaker. Japan.
$17 \mathrm{~T} 0075 \mathrm{L2U}$. Shpg. wt., 23 lbs. so Monthly.
100.95

17 T 6985 RU. A- 2515 Alone. Shpg. wt., 20 lbs.

## A-25 15 Receiver plus Matching $3 \times 5$ " Speaker



## Accessories for A-2515

Matching Speaker. Large 3x5" perma-nent-magnet speaker for crisp, clear sound reproduction. Non-marring vinyl feet protect surfaces. Impedance, 8 ohms. Handsome steel cabinet. $718 / 15 \times 39 / 16 \times 518 / 16^{\prime \prime}$. Shpg. wt., 3 lbs. 17 T6986 RX.
9.95

17 T 6226 R. Deluxe Dual Headphones. Lightweight. Adjustable headband. 8 ohms. Phone plug. Wt., 1 lb...... 5.95 17 T8424 RX. Low-Cost Fully-Assembled Shortwave Antenna. Covers $1.8-30 \mathrm{MH}$ range. Wt., $21 / 2$ lbs.
6.95

## Midland VHF Aircraft-Band Converter at Sale Price

- Usten-In on Fascinating Pilot-to-Control Tower Communications
- Wireless . . Just Place Next to on AM Rodio, Tune to Unused Frequency

Model 10-502. Was \$11.95. Hear local aircraft transmission (108-135 MHz ) through any standard AM radio. Wireless-just place next to radio, tune radio to unused frequency. $22^{\circ}$ telescoping antenna. $4 x$ $2^{13}$ /16 $\times 19 / 10^{\circ}$. Japan. Order batteries below (uses 1).
17 T8500. Shpg. Wt., 8 oz .
9.95

18 T 5980 R. Nine-Volt Battery. Shpg. wt., 3 oz............. . . Pkg. of $2 / 59$ \&

Save $\$ 2.00$
$\$ 995$


# Sale on Deluxe Hallicrafters AM/SW/FM Receivers 

## Save

 $\$ 10.00$
\$5 monthly

Four s-p-r-e-a-d shortwave bands-5.9-6.25, 9.45-9.8, 11.65-12.05, 1 5.05-15.55 $M H z$, plus standard $A M$ \& $F M$

- Sensitive Built-in Triple Antenna System
- Slide-Rule Dial for Easy Accurate Tuning
- Tone Control Adiusts Sound to Taste


## Hallicrafters S-210 AM/SW/FM Receiver

Was $\$ 69.95$. A great bargain for the shortwave listener! Four fulldial shortwave bands for wide station separation and easy tuning: $5.9-6.25,9.45-9.8,11.65-12.05$, and 15.05-15.55. Also tunes standard AM and FM broadcast bands. AFC prevents drift on FM. Major international stations are marked on the dial. Features tone control, built-in speaker, and jack for external speaker or headset. Has loopstick AM antenna, FM line antenna, and SW wire antenna. With provisions for external antennas. Walnut-grain metal cabinet. Six tubes. Size, $6 \times 13 \frac{5}{8} \times 814^{*}$. For $110-120 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$. Japan. Shpg. wt., $11 / \frac{1}{4} \mathrm{lbs}$.
17 T P547 X. \$5 Monthly.
59.95

17 T 5226 R. Dual Headset. Shpgl wt., 1 1b............................... 5.95


## S-240 Five-Band AM/SW/FM Receiver <br> - Deluxe Solid-State Circuit <br> - Fine-Tuning Spreads SW Stations $\$ 5$ monthly - BFO for Reception of CW Signals

Here's a top performing solid-state receiver at a special low price! Five bands: $550-1600 \mathrm{kHz} \mathrm{AM} ; 2-5 \mathrm{MHz}$, 4.8-11.5 MHz and $11-30 \mathrm{MHz} \mathrm{SW}$; and $88-108 \mathrm{MHz}$ FM. Has tuning meter with an illuminated slide-rule dial for fast, easy tuning. Fine-tuning control spreads out crowded shortwave stations. Has BFO for CW reception. AFC locks in FM stations for drift-free reception. Three antennas: loopstick AM antenna, FM line antenna, and SW wire antenna. Built-in speaker plus provision for external speaker or headset. Order headset listed above. One-watt push-pull output. Vinylcovered metal cabinet. $67 / 8 \times 137 / 8 \times 8^{\circ}$. For $115 \mathrm{~V}, 50-60$ Hz AC. Japan. Shpg. wt., 10 lbs.
17 T 9896 RU. 85 Monthly,...
89.95


## S-214 Six-Band AM/SW/FM Receiver $\$ 79^{95}$ <br> - Modern Solid-State Circuit <br> - Four Spread Shortwave Bands <br> \$5 monthly <br> - Triple Antenna System

Was $\$ 89.95$. Save $\$ 10.00$ on receiver that offers exciting international and domestic listening. Instant-on solid-state circuit tunes six bands: $550-1600 \mathrm{kHz} \mathrm{AM}$, $88-108 \mathrm{MHz}$ FM, $5.9-6.25 \mathrm{MHz}$ ( 49 metert), $9.4-9.8$ MHz ( 31 meters), $11.65-12.05 \mathrm{MHz}$ ( 25 meters), and $15.05-15.55 \mathrm{MHz}$ ( 19 meters). Features s-p-r-e-a-d dial tuning on shortwave bands; AFC for drift-free FM reception; one-watt audio output; built-in speaker; tone control to tailor the sound to your taste; and built-in triple antenna system with provision for external antennas. Illuminated slide-rule dial for easy tuning. Vinyl-covered metal cabinet. $57 / 8 \times 137 / 8 \times 8^{\prime \prime} .115 \mathrm{~V}, 50-60$ $\mathrm{Hz}_{2}$ AC. Japan. Shpg. wt., 10 lbs.
17 T 9884 RU. 5 Monthly.
79.95

# Big Savings on AlLIED' CB Equipment 

## Save ${ }^{\$ 10.00}$

## A-2569 Solid-State 23-Channel Two-Way Radio With All Crystals

## ${ }^{8} 139^{95}$

\$7 monthly
Latest Solid-State Circuit and
Deluxe 2-Way Radio Features

- Powerful Five. Watt input
- $0.2 \mu \mathrm{~V}$ for $10 \mathrm{~dB} \mathrm{~S} / \mathrm{N}$ Ratio
- Zener-Diode Regulated Power Supply
- Push-Pull Audio Output
- Speech Compressor Circuit
- Solid-State T/R Switching
- Illuminated S-Meter
- 31-Semiconductor Circuir

Was \$149.95. Deluxe 1969-model CB two-way radio at $\$ 10.00$ savings! Full 5 -watt input and speech compressor assure maximum talk-power and transmitting range. Dual-conversion superhet receiver captures the weakest signals. Compact and strikingly styled for use in car or boat. 31 semiconductor devices: 15 silicon transistors, 4 FET's, an integrated circuit, 10 silicon diodes, and zener diode for power supply regulation.
The ultrasensitive receiver is all solid-state with $0.2 \mu \mathrm{~V}$ sensitivity for 10 dB S/N ratio. Adjustable squelch, AGC, and ANL. Transmitter features $100 \%$ modulation capability, solid-state transmit/receive switching, and a stable frequency synthesizer for crystal controlled transmission and reception on all 23 CB channels. Separate power switch eliminates resetting of volume and squelch controls every time the unit is turned on or off.
Takes 50 -ohm antenna. With jacks for external speaker or PA. Size, $15 / 8 \mathbf{X}$ $61 / 4 \times 71 /{ }^{\prime \prime}$. With push-to-talk ceramic mike and mounting bracket for simplifed installation in a car or boat. Shpg. wt., 4 lbs.
17 T 6469 RU. s7 Monthly................... 41 lbs. Monthly.
139.95
19.95

## SPECIFICATIONS

Receiver Circuit: Sensitivity: $0.2 \mu \mathrm{~V}$ for 10 dB S/N ratio. Selectivity: 7 kHz @ 6 dB down. Dual conversion, 10.7 MHz and 455 kHz ; tuned LC filter. Adjacent channel rejection: $80^{\circ} \mathrm{dB}$ down $\pm 20 \mathrm{kHz}$. Squelch sensitivity: 0.5 $\mu \mathrm{V}-50 \mu \mathrm{~V}$, adjustable. Audio Output: 3.5 watts. Transmitter Circuit: Final input power: 5 watts. RF output power: 3 watts nominal. Generol: Power consumption: receive, $13.8 \mathrm{VDC}, 450 \mathrm{~mA}$ standby. Transmit, $13.8 \mathrm{VDC}, 1.3$ amps at $100 \%$ modulation.

## Allied-Knight KN-2574 Beam Antenna with Bonus SWR Meter

- $24^{\prime}$ Boom Permits Spacing for Maximum-Gain
- Five Elements - 25 dB Front-to-Back Ratio


## Beam Alone ${ }^{8} 39^{95}$ <br> $\$ 5$ monthly

Separately, 861.90 . Allied-Knight anteans delivers forward gain of 12.3 dB with a front-to-back ratio of 25 dB which helps cut interference. Has gamma matching for low VSWR with 52 -ohm coaxial cable. Can be used horizontally or vertically. Wind load, 62 lbs . For $11 / 2^{\prime \prime}$ dia. mast. Dual meter reads output and reflected power in $100 \mu \mathrm{~A}$ movements; handles up to 2 kW , up to 175 MHz . Can be left in line. Gray enameled metal case. Size, $41 / 4 \times 21 / 4 \times 21 / 2^{\prime \prime}$. Wt., 26 lbs.
17 T 0154 L 2 ZW . Antenna and Bonus. $\$ 5 \mathrm{M}$ mithly.
54.95

17 T 9398 RZW. Antenna Alone. Wt., 24 lbs. 55 Monthly.
39.95


# Allien A-2567 23-Channel 2-Way CB Radio 



## Deluxe 23-Channel 2-Way CB Radio with All Crystals

## Was $\$ 179.95$ <br> ${ }^{8} 164^{95}$ <br> $\$ 9$ monthly

- Frequency Synthesized-No Crystols to Buy - Public Address Focility
- Solld-State 115 VAC/12 VDC Power Supply - Dual Conversion Receiver

Save $\$ 15.00$ on Allied's own deluxe 23 -channel 2 way CB radio featuring built-in solid-state 115 VAC base and 12 VDC mobile power supply. Fre-quency-synthesis circuit gives you crystal-controlled transmit and receive on all 23 channels-no extra crystals to buy. Illuminated channel selector shows channel in use. Full power 5 -watt transmitter has $100 \%$ modulation plus switchable Range-Expander to boost "talk power." Illuminated 3-scale meter reads SWR, forward/reverse reflected power output and serves as " S " meter. Dual-conversion superhet receiver with delta tuning to pull in offfrequency stations. Adjustable squelch, ANL, 4" speaker. PA facility with external speaker. 10 tubes, 13 diodes, 2 transistors. $71 / 2 \times 133 / 8 \times 512^{\prime \prime}$. With all crystals, power cords, noise-canceling mike, mobile mounting. 17 T 6435 RU. Shpg. wt., $188 / 4 \mathrm{lbs} .89$ Monthly.
164.95

## MODEL A-2567 SPECIFICATIONS

RECEIVER. Sensitivity: $0.5 \mu \mathrm{~V}$ or better for 10 dB S/N ratio. Selectivity: $\pm 3 \mathrm{kHz}$ for 6 dB . Audio Output: 2.5 watts. IF: Two stages, dual conversion. TRANSMITTER. Power In put: 5 watts. Modulation: $100 \%$ capability; Range-expander circuit. Output: Pi-network; matches any CB antenna. CONTROLS: Channel Selector Switch; Delta Tune; On/Off Volume; Squelch; PA/Receive Switch; Range Expander Switch; Meter Function Switch; Set-Calibrate.


## Courier Port-a-Lab Ham-CB Tester

## A Must for Best Ham or CB Performance

## - Monitors and Melps Assure Proper Tronsmitter Operation

- Completely Portable for Use at Base or Field Lacation

Port-a-Lab tester is an important and useful addition to any Ham or CB station. Versatile unit lets you test significant operating factors that previously required two or more separate instruments. Helps assure proper operation of your transmitter. Completely portable for convenient use at any base or field location. Measures standing wave ratio, true RF power to 50 watts, modulation percentage, relative field strength. Audibly checks modulation distortion. $6 \times 8 \times 31 / 2^{*}$. Shpg. wt., 5 lbs.
17 T 6532 X. 85 Mondhly.
44.95

# Money-Saving Values in Quality CB Equipment 



## Midland 13-870 Solid-State 23-Channel 5-Watt CB 2-Way Radio


#### Abstract

Was $\$ 149.95$. New low price on this deluxe solid-state CB two-way radio offering crystal-controlled transmit/receive on all 23 CB channels. Frequency synthesis circuit-no extra crystals to buy. Has sensitive dual-conversion superhet receiver with mechanical filter for superior image rejection and greater selectivity Full 5-watt transmitter input With minumum $90 \%$ modulation for plenty of talk-power. Variable squelch control silences receiver between calls. Illuminated channel selector for easy mobile use: dual-


purpose front panel RF/S meter. PA switch permits use as public address amplifier. Audio output is better than 3 watts. Call Signal8 circuit alerts other units to your calls. Automatic noise limiter cuts ignition noise and other interference. Built-in $31 / 2^{\prime \prime}$ speaker, external speaker jack. $21 / 8 x$ $6 \times 81 / 2^{\prime \prime}$. With all crystals. mobile mounting bracket, push-to-talk dynamic mike. For 12 VDC negative ground. Shpg. wt., $41 / 2$ lbs. Japan. 17 T 9721 RU. 87 Monthly.
129.95


## CHECK THESE FEATURES

$\checkmark$ Superhel Receiver Tunes 23 Channels
$\checkmark$ Up to 10 Crystal-Cantrolled Chonnels
$\checkmark$ Automatic Volume Control Circuir
$\checkmark$ High Effeiency Noise Limiter

- Dual Power Supply for 6 VDC/ 110 VAC

Was 5129.95 . Price slashed on a CB two-way radio with up to 10 crystal-controlled transmit/receive channels, plus 23 -channel tunable receiver. Dual $6 \mathrm{VDC} / 115 \mathrm{VAC}$ power supply-great as a base station in the home, or as a mobile station for Volkswagens or other foreign cars having G-VDC systems. High-efficiency noise limiter circuit. Automatic Volume Control circuit prevents distortion at close ranges. Variable squelch silences speaker between calls. Full 5-watt input with $100 \%$ modulation capability. Sensitive superhet receiver. Illuminated channel selector. Handsomely styled in chrome, black and gray. $5 \frac{5}{8} \times 7 \times 11 \%^{\prime \prime}$. Circuit has 10 tubes (including rectifier) and 3 diodes. With press-to-talk ceramic mike, coiled cord, transmit and receive crystals for Channel 11. Shpg. wt., 17 lhs.
17 T8600 U. 66 Monthly.
109.95

## Save..Big Values in Citizens Band 2-Way Radios



## Save ${ }^{5} 70.00$

$\$ 259^{95}$
$\$ 13$ monthly

## Squires-Sanders Base Station

Was \$399.96. Professional Citizens Band two-way radio boasts exclusive Pulse Noise Eliminator, plus frequen-cy-synthesized 23-channel crystalcontrolled transmit and receive. Ideal as base station with built-in accurate digital clock. Has $0.5 \mu \mathrm{~V}$ sensitivity ( $10 \mathrm{~dB} \mathrm{~S} / \mathrm{N}$ ); crystal lattice filter; squelch; ANL; AGC; speech booster; S-meter; $30-75$ ohm pi-netowrk. Solidstate circuit uses 29 silicon transistors, 6 diodes, 2 zener diodes. Vinyl covered cabinet with teakwood panel. $51 / 2 x$ $133 / 4 \times 103 / 4$ ". With all crystals, push-to-talk ceramic mike with built-in preamp, mike stand. 115 VAC. 17 T 6272 RU. Shpg. wt., 11 lbs. $25 \% .95$

$\underset{\text { Bonus }}{\text { With }} 917095 \underset{\substack{\text { monthly }}}{\$ 9}$
(A) Midland 13-875 CB 2-Way Radio

Separately, \$189.90. Frequency-bynthesized 23-channel crystal-controlled transmit and receive. Full 5-watt input; dual conversion receiver. Mechanical filters; RF stage; ANL; squelch; $3 \times 5^{\prime \prime}$ speaker; RF/S meter; illuminated channel selector. 50 -ohm pi-network output. $51 / 4 \times 12 \times 9^{\circ}$. With mike, all crystals. 117 VAC/ 12 VDC. Japan. With Antenna. 17 T 0066 L2U. Shpg. wt., $121 / 2$ lbs..... 170.95

## (C) Kuar "Skyhawk II" TR-337 CB Radio

Separately, \$249.90. Solid-state 23-channel crystal-controlled CB two-way radio. $8 \mathrm{Hi}-\mathrm{Q}$ LC circuits for top selectivity ; positive-action AGC, ANL, squelch. 5 -watt input; superhet receiver. Illuminated $\mathrm{S} / \mathrm{mod}$. meter. $25 / 8 \times 61 / 2$ x914. Mike, mtg. bkt. 12 VDC neg. ground. With Antenna.
17 T0067 L2U. Shpg. wt., 161/2 lbs..... 230.95 17 T 6464 RX. 117 VAC Supply. 5 lbs. . . 34.95

## (B) Pace Base-Station CB 2-Way Radio

Separately, \$349.95. 23-channel base station CB 2-way radio. Silicon transistor circuit; double-conversion superhet receiver; 5 -watt input. Standing wave ratio meter; VSWR bridge and meter/RF wattmeter; "S" meter. Squelch; speaker switch; headphone jack. RF gain control. $17 \times 22 \times 13^{\prime \prime}$. Desk mike. 117 VAC; provision for 12 VDC. With Antenna. 17 T 0068 L2U. Shpg. wt., $231 / 2 \mathrm{lbs} . . . .331 .00$

## [0] Sonar FS-23 CB 2-Way Radio

Separately, \$319.90. Frequency-syn thesized 23-channel transmit and receive. 5-watt input; superhet receiver. AGC, ANL, adjustable squelch, illuminated " S "' meter. 13 tubes, 7 diodes, 2 transistors. Mike. $5 \frac{8}{4} \times 118 / 4 \times 113 / 4$ ". 120 VAC/ 12 VDC. With Anienna.
17 T 0069 L2U. Shpg. wt., $201 / 2 \mathrm{lbs}$ l. . . 300.95 17 T 6794 X . Antenna Specialists "Miniskirt" Antenna Alone. Shpg. wt., $51 / 2 \mathrm{lbs} . . . . . .19 .95$

$$
\underset{\text { Bonus }}{\text { With }} \$\} \bigcirc 95 \quad \begin{gathered}
\$ 15 \\
\text { monthly }
\end{gathered}
$$

## BONUS OFFER

> Save ${ }^{\text {s }} 18.95$


nien


# Special Offers on CB 2-Way Radios and Antennas 



Squires-Semders "Skipper" CB Two-Way Rodio

- 23-Channel Frequency-Synthesized Circuir
- Ulira-Sensitive Receiver with FET/IC
- Front-Panel Pushbuttons for All Functions
- 5-Watt Transmitter with Solid-State Switching

Solid-state 23-channel CB two-way radio designed to satisfy CB'ers exacting demands. Crystal-controlled transmit/receive on all 23 CB channels; ultra-sensitive receiver uses latest FET's and integrated circuits; 5 -watt transmitter with solid-state transmit/receive switching. 23-channel frequencysynthesized circuit with provision for one additional channel. Pushbutton controls for PWR, ANL. PAD, SPK, PA functions. Thumbwheel type volume, squelch and channel selector. Illuminated channel indicator and " $S$ " meter. 50 -ohm output. Push-to-talk ceramic mike, multi-position mounting bracket. $13 / 4 \times 6 \times 7 \frac{3}{4}$ ". 12 VDC neg. gnd.
17 T 6791 U. Shpg. wt. 4 lbs. $\$ 8$ Monthly . . . 159.95.

## ALLIED ${ }^{6}$ A-2507 Solid-State 12-Chonnel CB Two-Way Radio

- Up to 12 Crystal-Controlled Transmit/Recoive Channels
- Series-Gate Noise Limiter Overcomes Interference
- Ulira-Stable Silicon Transistor Circuit - Compact Size

Was $\$ 79.95$. Deluxe solid-state two-way tadio offering up to 12 crystal-controlled transmit/receive channels. Has superhet receiver with five tuned circuits for top-notch selectivity and excellent adjacent channel rejection, plus long-distance sensitivity. Full 5 -watt transmitter input. Ultra-stable silicon transistor circuit. Front panel volume and squelch controls; illuminated channel selector and transmit indicator light. Series-gate noise limiter overcomes ignition interference. Adjustable squelch silences receiver between calls. Built-in $31 / 2^{\prime \prime}$ speaker; separate communica-tions-quality push-to-talk mike with coiled cord. Compact size, $21 / 8 \times 81 / 2 \times 67 / 8^{\prime \prime}$, for convenient mounting anywhere. With mike, power cable, transmit and receive crystals for Channel 9 . 12 VDC negative ground. Shpg. wt., 4 lbs.
17 T 6790 X. 85 Monthiy. ..........
64.95

## New-Tronics PRO-27-SD Base Station Antenno with Mobile Antenno Bonus

## only $\$ 1$

Reg. $\$ 11.95$ TGF-27-L TrunkGroove Mount CB Mobile Antenna. $48^{\prime \prime}$ long. With $16^{\prime}$ coax, mounting hardware.

## Save ${ }^{s} 10.95$

$\underset{\substack{\text { RO-27-SD } \\ \text { Alone }}}{\$ 39^{95}} \begin{gathered}\text { With } \\ \text { Bonus }\end{gathered} \$ 40^{95}$

- Low-Angle Radiation Pattern for Concentrated Power
- Tunoble Feed for Proper Match with Any Length Feedline

Separately, 851.90. Deluxe base station antenna has lowangle radiation for concentrated power; . 64 -wave colinear design. Non-drooping radials and $11 / 4^{\prime \prime}$ dia. vertical element withstand extreme weather conditions. Capacity-hat is placed low on antenna for proper electrical extension, base impedance and radiation. $19^{\prime} 8^{\prime \prime}$ high. With CB Mobile Antenna Bonus. Shpg. wt., 18 lbs.
17 T 0156 L2X. 85 Monthly.
40.95

17 T 8332 RX. PRO-27-SD Alone. Shpg. wt., $151 / 4 \mathrm{lbs} . . .39 .95$


## Demce "Super Sotellite" CB Base Station with Bonus

Separately, 5570.15. 23-channel CB base station outfit has separate receiver and transmitter units, speaker/power modulator. 3-position transmit switch; antenna selector; voice tone control. Hluminated meters and dials. Dualconversion receiver with Delta tune; audio compressor; auto/manual ANL. Receiver, transmitter units, $133 / 4 \times 9 \mathrm{x}$ $63^{\prime \prime}$. Speaker, $6{ }^{3} / 4 \times 814 \times 9^{*} .115$ VAC. With Antenna.
17 T 0070 L2ZW. Shpg. wt., 62 lbs. $\$ 21$ Monthly..... 496.00 17 T 6793 2. Denco Satellite Alone. 44 lbs............. . . 495.00


## Walkie-Talkies for Personal or Business Use

## (a) 9-Transistor $100-\mathrm{mW}$ Walkie-Talkie

Midiond 13-113. Was \$22.95. Rugged design for personal or industrial use. $100-\mathrm{mW}$ power requiren no license-nc age limit-anyone can use it. Crystal-controlled transmit and receive. Has sensitive superhet receiver. Tough all-metal case has durable die-cast grille. Size, $71 / 8 \times 23 / 1 \times 2^{\prime}$. With handsome leather carrying case, Channel 11 crystals. Uses eight "AA" penlight batteries, order below. From Jspan. Shpg. wt., $1 / 2 / 2 \mathrm{lhs}$.
17 T 9808 RS. 50. Monthly. ............................. 19.95
18 I 5083 R. " $\mathcal{A}$ " Batteries. Wt., 4 oz....... Pkg. of 2 for $27 \nmid$

## (B) Deluxe 12-Transistor $100-\mathrm{mW}$ Walkie-Tclkie

Lloyds 8422. Was 832.95. Has three crystal-controlled channels, plus "Call Signal" to alert other units. Separate speaker and mike; push-to-talk switch. Sensitive superhet receiver with variable squelch. $49^{\prime}$ telescoping antenna. Battery-strength indicator. Circuit has 12 transistorsi Requires no license-no age limit. Metal case has cartying strap. Size, $93 / 8 \times 2$ 年做 $2^{3} 16$ ". With 6 "AA" batteries (extra batteries above), Channel 9 crystals. From Japan. Ahpg. wt., 2 lbs.
17Tig 9720 RS. s5 Montky.
29.95

## (c) 1-Wott 3-Channel Walkie-Talkie with IC

Fonon IC-1000. Was s49.95. Solid-state/integrated circuit design. One-watt power input. Three channel erystal-controlled transmit/receive. Separate mike and speaker; variable squelch; strong-signal limiter to prevent overload; battery-strength meter; jacks for external antenna and power. Handstrap, shoulder strap, earphone, Channel 9 crystals. Order 8 batteries below. FCC license requiredno exam. $10,2 \times 23 / 4 \times 15 / 8^{8}$. Japan. 17 T 9789 RS. Shpg. wt., 2 lbs. ts. Monthly......... 44.95 18 T 5131 R. Alkaline Battories. $4 \mathrm{oz} . . . . .$. .. Pkg. of 2 for 66
[D] 3-Watt 6-Channel Walkie-Talkie with IC's
Fanon IC-3000. Wias $\mathbf{s} \mathbf{7} 9.95$. Deluxe walkie-talkie with solid state/three integrated eircuit design. Three-watt power input. Six-channel capability. Ideal for camping, farm. warehouse. anywhere. FCC license required-no exam. Features range-broster; separate microphone and speaker; squelch; ANL; AGC; battery indicator; and RF power meter. Has hand strap and shoulder strap. $10^{1 / 2} \times 1^{3} / 4^{15} / 8^{\circ}$. Unit comes with Channel 9 crystals installed. Order 10 alkaline batteries from listing above. Wt., 4 lbs.
17 T 9862 S. 85 Monthly.
69.95

## Powerful 5-Watt 6-Channel Walkie-Talkie <br> SAVE NOW ON THIS WALKIE-TALKIE WITH THE POWER OF A BASE STATION PLUS RANGE-BOOSTER AND POWER-BOOST ANTENNA AND MANY DELUXE EXTRAS

## DELUXE FEATURES

$\checkmark$ Solid-State With Three integrated Circuits
$\checkmark$ Power-Boost Antenna and Range Booster for Top Performance Even Under Difficult Conditions
$\checkmark$ Weatherproof Construction for Long Life

- $\checkmark$ Full Legal-Limit Five-Watt Power Input
$\checkmark$ Versatile Six-Channel Operation
$\checkmark$ Built-In Public Address Facility


## Save <br> ${ }^{s} 10.00$

An instrument of unprecedented quatity . . . Its integroted solid-state circuit assures professiond performance... . Rugged construction for depeadability and long lite.

# \$8995 

\$5 monthly

## Fanon IC-5000 Five-Watt Six-Channel Professional Solid-State CB Walkie-Talkie with Integrated Circuits

[^5]
# CB and Amateur Accessories, CB Crystals 



\$5 monthly


Reads Output and Reflected Power

## Dwalmeter-SWR and Power

## Droke W-A RF Wathmeter

Reads forward and reflected power dinectly in watts (VSWR from nomogram). Has 2 scales in each direction, 200 and 2000 watts full-scale. Calibration accuracy, $\pm 5 \%$. $51 / 2 \times 33 / 4 \times 4^{\prime \prime} .41 \mathrm{lbs}$. 17 T 8245 RX. 85 Monehly . . . . . 49.50

Accurate, simultaneous readings of RF output and reflected power with dual $100 \mu \mathrm{~A}$ movement. Handles up to 2000 watts, 175 MHz . Low insertion loss. Can be left in line. $41 / 4 \times 21 / 4 \times 21 / 2^{\prime \prime} .2$ lbs. 17T9821. 85 Monthly.

Model 2405C. White $12^{\prime \prime}$ dial; black hands, numerals; red sweep. $131 / 2^{\prime \prime}$ chromed case. UL List. 117 VAC. 17 T 8470 RX. 5 lbs. 55 Monthly. . 19.95

## $\$ 19^{95}$ monthly <br> Mastercrafters 24-Hour <br> Electric Clock



Save $\$ 1.25$

Pennwood 24-Howr Clock

Model $100-24 \mathrm{H}$. Was 815.00. Digitalreadout dial shows hours, minutes. Ebony case, $4 \times 73 / 4 \times 4^{\prime \prime}$. For 117 VAC. 17 T 8474 R. Shpg. wt., 5 lbs..... 13.75
[ SWR/FS Meter. Was $\$ 9.95$. Reads forward, reflected power. SWR 1:1 to $1.3: 1$, field strength. $1 \mathrm{~kW} .2-30$ MHz. $6 \times 2^{1 / 4} \times 2^{3} / 4^{\prime \prime}$. From Japan.
17 T 6588 R. Shpg. wt., $10 \mathrm{oz} . . . . .8 .95$ Field-Strength Meter. Was $\$ 5.95$ $1-250 \mathrm{MHz} .31 / 4 \times 31 / 2 \times 11 / 2^{\prime \prime}$. Japan. 17 T 6589 R. Shpg. wt., 10 oz.. . . . 5.35
[C "Blitz-Bug" Lightning Arrester. Was 83.96. Type 83 connectors,

17 T 8044 R. Shpg. wt., 4 oz.

- $\$ 3^{50}$
(D) Coaxial Switch. Two-pole, 5-position. 1 kW . For $80-10$ meters, including 11 -meter CB. Shpg. wt., 3 lbs, 17 T 6444 R

Crystals for Popular CB Equipment and Walkie-Talkies (Save $30 \%$ when you buy in lots of 10 )
New 10 -lot price offers savings with 10 or more crystals. Specify Stock No. from Table. Channel 1-23. Wi., 3 oz. (Channels May Be Assorted for Quantity Prices. To Order: Each......2.50 3-9...... Each 1.94 10-Up......Each 1.75

| Manufacturor and Madel | Stock No. |  | Manufacturer and Model | Stock No. |  | Manufacturer and Model | Stook No. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Transmit | Recolve |  | Tranamit | Aeceive |  | Trantmit | Recolvo |
| Allied A-2507 |  | 1 |  |  |  | stayerte "Comsiat 19" | 17 T9354 ACS |  |
| Allied A-2530 | 17 |  | CB3A CB5A, CB7, C89. C810, C817. CB27 |  |  | 2. | 17 T9369RCS |  |
| 2543, |  |  |  |  |  | Lincoln L-2700 | 353 RCS |  |
| A-2545 | S | 1 |  | s | 17 T9359 RCS | incoin L-2700A | 366 RCS |  |
| Amphenal 510B Amphenal 600, 625. 650, 675 <br> Amphenol 750 | 17 T6600 RCS |  | Heath C82. GW10, 13, <br> $12,22,32,34,42$, MW30, NW33 Heath G14, GW21. GWS2, GRS-65A | 17T9366 RCS | 17T9360RCS 17T9365 RCS | Lincoln L-2710 |  | $17 \mathrm{T9375}$ RCS |
|  |  |  |  |  |  | Lleyds 7AOR, 11, 8422 Metrotek "Coll 23" Melrolek "Musiang," 65 ह II, "Pacer" Metrotsk "Pacer II" | 17 T9369 ACS17 T9408 RCS | 17T9401 RCS |
|  | 17 T6600 RCS 17 T6600 RCS | 17 T9963 RCS17 T9343 ACS |  |  |  |  |  |  |
|  |  |  |  | T9353 RCS |  |  | 17 T9354 RCS <br> 17 T9408 RCS | $\begin{aligned} & 17 \text { T9360RCS } \\ & 17 \text { T9409RCS } \end{aligned}$ |
| B \& $K$ Cobras Cadre 500 Cadre 510, 510A, 515, 520 Cilifene 5A, 6, 7, 11, 99 Claricon Century | 17 T9394 RCS17 T9394 RCS | 17 T9409 RCS 17T9370 ACS | In'1 Executive 50, 100, 100A, 1006, 100D, CTZ-50, CTZ-5AZ, CT2-5E2 |  | 1779374 ncs |  |  |  |
|  |  |  |  |  |  | Midtand 13-042, 105,$106,108,110,111$,$113,12 C, 124,132$,$13,143.150,410$,$430,710,722,732$,$760,765,775,2910$ |  | - |
|  | 17 T6600 RCS <br> 17T9371 RCS <br> 17T9369RCS | 17T6601 RCS 17T9372 RCS 17T9401 RCS |  |  |  |  |  |  |
|  |  |  | Kart Sky Hawk (Transmit/Recoive I <br> Kart Sky Lark <br> 17 T6600 RCS |  |  |  |  |  |
|  | $\begin{aligned} & 17 \text { T9366 RCS } \\ & 17 \text { T9354 RCS } \\ & 17 \text { T6600 RCS } \\ & 17 \text { T9366 RCS } \end{aligned}$ |  |  |  |  |  |  | 1779401 RCS |
| Courier AGS200 Courier Flsel, A-58 Courier TR-S, TR-6 Courier 12 |  | 17 T9358 RCS17 T9363 RCS17 T9401 RCS17 T9363 RCS | Knieht-Kit C-22, C-560 | 17 T6602 HCS17 T6602 RCS | 17T9358 RCS |  | 17T9369 RCs |  |
|  |  |  | Knisht-Kit C.540 |  |  | Monarch TC500, 66 | 17 T9369 AC | 17 T9401 RCS |
|  |  |  |  |  |  |  |  |  |
| Demec Satellite <br> Demeo Chalet <br> Demco Ravelle | 17 T6604 RCS17 T9369 RCS17 T6604 RCS | 17T9401 RCS 17 T9378 RCS | Knight-Kit Saferill. III, IV | 17 T9394 RCS | 17 T9409RCS | Olsen RA396, RA442 <br> Oison RA446 <br> 0 ison 717 <br> Olson RA482, RA52 | 17 T9366 ACS 17 T9366 RCS 17 T9369 ACS 17T9354RCS 17 T9366 RCS | 17T9358 RCS 17T9401 RCS 17T9360 ACS |
|  |  |  | $\begin{aligned} & \text { Knight KN-2500, KN- } \\ & 2550, \text { KM-2580 } \\ & \text { Knight KN-2520, } 2522 \\ & \text { Knight KN-2585 } \\ & \text { Knight KN-2590 } \\ & \hline \end{aligned}$ |  | $\begin{aligned} & 17 \text { T9358 RCS } \\ & 17 \text { T9409 RCS } \\ & 17 \text { T9358 RCS } \\ & 17 \text { T9360 RCS } \end{aligned}$ |  |  |  |
|  |  |  |  |  |  |  |  |  |
| crissens Messen |  | $\begin{aligned} & 17 \text { T9375 RCS } \\ & 17 \text { T9362 ACs } \end{aligned}$ |  |  |  | Pace 1, II, IIs, 5000 Parce Simpson Comp. II <br> Polytronics Poly Pup | T6600 RCS | 17 T9406 RCS |
| E. F. Johnson Messenger 1, 11 | 17 T9352 RCS |  |  |  |  |  | 17 T9394 RCS17 T6600 RCS | 17T9401 RCS <br> 17 T9409 RCS |
| fer 1, 11 <br> E. F. Johnsan Messen- |  |  | Lafayetie HE15, 158, HB1IS. 115A | 17 T9366RCS |  |  |  |  |
| 0. | $\begin{aligned} & \text { 17T9394 RCS } \\ & 17 \text { T9394 RCS } \end{aligned}$ | $\begin{aligned} & 17 T 9401 \text { RCS } \\ & 17 T 9963 \text { RCs } \end{aligned}$ | $\begin{aligned} & \text { Lafayetto HE20, 20A } \\ & 20820 \mathrm{C}, 23,24 \text {. } \\ & 43 \mathrm{~B}, 43 \mathrm{C}, 65,90 \end{aligned}$ |  |  | Raytheon TWR-5. 6. 7. <br> B, 9,11 <br> RCA Mark VHII, ix <br> RCA Mark X <br> Realistic CBKI. <br> TRC27A <br> Rerency Ranger | 17 T6600 RCS 17 T6602 RCS 17 T6600 RCS | 17T6603 RCS 17T9359RCS 17T9406RCS |
| $\text { ger 111, } 300$ |  |  |  | 17 T9366RCS | 1779358 RCS |  |  |  |
|  | $\begin{aligned} & 17 T 9371 \text { RCS } \\ & 17 T 9366 \text { RCS } \end{aligned}$ | $\begin{aligned} & \text { 17T9356 ACS } \\ & \text { 17T9360 RCS } \end{aligned}$ | tafoy. ME20), HA450, Dynacom 5. 6 | 17 T9394 RCS | 1779401 月cs |  |  |  |
| Eico Sentinel 12, 712 |  |  |  |  |  |  |  |  |
| Fanon DCL-50, RCB10, FCE-11, 12, 13, |  |  | Lafay. HE29 (ven |  | 17 T9363 Acs |  | 17T9366RCS <br> 17T6600 RCS | $\begin{aligned} & 17 \text { T9363 RCS } \\ & 17 \text { T941I RCS } \end{aligned}$ |
|  |  |  | 298, HLOTC, HESI, HE66, 82,83 |  |  |  |  | 17 T9401 RCS |
|  | 17T9394RCS | 17 T9401 RCS |  | 17T9366 9CS |  | ears Cal. No. 6450. 6455 | 17T9369 MCS |  |
| $\begin{aligned} & \text { anon IC. } 10,-500, \\ & -1000,-3000,-5000 \end{aligned}$ | 17 T6600 RCS | 17 T9 |  |  | 17 T 9363 ncs | Sears Cat. No. 6550 | 17 T9352 ACS <br> 17T6600RCS | 17T9359 RCS <br> 17T9407 RCS <br> $17 T 9401$ RCS <br> 17T9963 RCS |
| Gtaba C8100 |  |  | Latayetie HE29C. HA60, HA62, HE75, B5, B6, 88, HA99, HE $100,100 \mathrm{~A}$, HAI 30, 135, 150, 210, 295, 303, 111 Dynacom 2, 3 | 17 T9369RCS | 17 T 9401 RCS |  |  |  |
| Globe CBIOOA | 17 T9366 RCS | 179363 |  |  |  |  | 17 |  |
| Globe | 17 |  |  |  |  | Sanar E (briow 915) <br> Sonar E (below 915) <br> Sanar 6 <br> Sonar H <br> Squires Sanders S5S | 17T9377 RCs <br> 17T9377 RCS <br> 17T6604 RCS <br> 17T9368 RCS <br> 17 T6600 RCS | 17 T9363 RCS17 T9378RCS17 T9378RCS$17 T 9378$ RCS17 T 9344 RCS |
|  | 17 T9353 RCS | 17 |  |  |  |  |  |  |
| CB19, CB21 | 17T6600RCS 17T9407 RCS 17T6600RCS 17 T6603 RCS |  | Lafayette HB11t, 200 <br> Lisforelle "Comslat g" | $\begin{aligned} & 17 T 9354 \text { RCS } \\ & 17 T 9354 \text { RCs } \end{aligned}$ | $\begin{aligned} & 17 \text { T9358 RCS } \\ & 17 \text { T } 9363 \text { RCS } \end{aligned}$ |  |  |  |
| Colicratters C |  |  |  |  |  |  |  |  |  |

# VHF Monitors and RDF's with Antenna Bonus 

## Sonar Mabile/Buse VHF Monitor and Antenna Bonus

Alone<br>$\$ 140^{00}$<br>$\$ 7$ monthly<br>\section*{With Antenna} ${ }^{8} 141^{00}$<br>$\$ 8$ monthly

Model FR-105. Sensitive $150-175 \mathrm{MHz}$ FM monitor operates in any 12 -volt vehicle or from $117 \mathrm{~V}, 50-60 \mathrm{~Hz} \mathrm{AC}$. Solid-state with 6 crystal-controlled channels. Temperature-compensated noise-free squelch; provision for con-tinuous-tone decoder module; built-in heavy-duty $2 x 6^{\circ}$ speaker with moisture resistant cone; provision for external speaker; $11 / 2$-watt audio output. Aluminum case, $25 / 8 \times 67 / 8 \times 81 / 2^{\prime \prime}$. Installs virtually anywhere. With AC and DC cables, mtg. bracket. Order crystal card below. Bonus Antenna Offeronly 81.00 more. Wt., 5 lbs. 17T0147L2U. FR-105 with Antenna Bonus. 11 lbs. 88 Monthly. . . . . 141.00 17 T 9726 RU. FR-105 Alone..... 140.00 17 T 8192 RS. Crystal Certificate. Fill out, mail to Sonar. Sonar ahips you crystal within 30 days. . . . . Eoch 5.00


> Regulariy $\$ 9.95$

> Madel KN-2505A

Hallicrafters Table Model VHF Monitors with Antenna Bonus
$\$ 4095 \quad$ With Antenna

Choice of 30-50, 108-135, or 152-174 MHz . Solid-state with squelch, AVC, ANL. Superhet circuit has RF stage, 3 IF stages. l-watt power output to $4 \times 6$ front-mounted speaker. Easy-toread slide-rule dial. Handsome polystyrene case, $5 \frac{1}{2} \times 131 / 8 \times 31 / 2^{\prime \prime}$. Built-in antenna; provision for external antenna. $110-120 \mathrm{~V}, 60 \mathrm{~Hz}$ AC. Japan.
17T0151 L2X. CRX-105 with Antenna Bonus. 11 lbs. $\$ 5$ Monehly. ...... 50.95 17 T 9723 RX. CRX-105 Alone. For 152 174 MHz (FM). 5 lbs. $\$ 5$ Monthly. . 49.95 17 T0152L2X. CRX-103 with Antenna Bonus. 11 lbs. 85 Monthly. . ..... 50.95 17T9747 RX. CRX-103 Alone. $30-50$ MHz (FM). 5 lbs. 85 Monthly. . . . 49.95 17 T 0153 L2X. CRX-104 with Antenna Bonus. 11 lbs. s5 Monthly....... 50.95 17 T 9748 RX. CRX-104 Alone. 108 -135 MHz (AM) Aircroft. 5 Ibs..
49.95


## Petersen RM2-4 Base/Mobile Monitor and Bonus

Four-channel capability, $2-200 \mathrm{MHz}$, with frequency plugin cards. Built-in speaker, squelch. For 117 VAC/ 12 VDC. With certificate for 1 plug-in card to be filled out and sent to factory. $38 / 8 \times 5 \$ 4 \times 71 / 2^{\prime \prime}$. Order $12-\mathrm{V}$ cord below. Bonus Antenna (described above) only $\$ 1.00$ more.
17 T 0150 L2U. RM2-4 with Bonus Ground Plane Antenna. Shpg. wt., 10 lbs. \&5 Monthly. 70.95 17 T 8525 RX. RM2-4 Alone. 4 lbs. 85 Monthly ........ . 69.95
17 T 8526 R. Mobile Mounting Bracket. Wt., 1 lb 69.95

17 T 8527 R. DC Power Cord. Shpg. wt., 8 oz................ 2.95
17 T 8528 RS. Additional Frequency Card. Fill out and mail
to Petersen. Petersen will ship within 30 days. ...... 14.95

## Hallicrafters Radio/Direction-Finder, Bonus

CR- 50 "Sea-Air." Portable radio tunes $540-1600 \mathrm{kHz}$ AM BC band; $185-400 \mathrm{kHz}$ AM band; $2-5.2 \mathrm{MHz}$ AM band; $5.2-15.5 \mathrm{MHz}$ AM band; $108-135 \mathrm{MHz} \mathrm{AM}$ VHF aircraft band. Direction-finder tunes $540-1600 \mathrm{kHz}_{2}, 185-400 \mathrm{kHz}$ and $2-5.2 \mathrm{MHz} .6 \times 12 \times 3^{\prime \prime}$. Order batteries below. Japan. $17 T 0148$ L2U. CR-50 with Antenna Bonus. 16 lbs. . ... . 100.95 17 T 9910 RU. CR- 50 Alone. 10 lbs. 55 Monthly....... . 99.95 CR-44 "Ranger." Above, but $88-108 \mathrm{MEz}$ FM and $152-174$ MHz FM Publie Service instead of $5.2-15.5,108-135 \mathrm{MHz}$. 17 T 0149 L2U. CR-44 with Antenna Bonus. 16 lbs....... . 120.95 17 T 9915 RU. CR-44 Alone. 10 lbs .56 Monthly....... 119.95 18 T 5079. "D" Batteries. (Uses 4.) 10 oz. Pkg. of 4 for 65 "


Nova Tech "Action" Radio and Antenna Bonus
Separately, 8149.90 . Buy radio, get Antemna Specialists MON-8 VHF base-station antenna for $\$ 1.00$ more. Tunes standard AM; VHF-FM, $30-50,150-175 \mathrm{MHz}$; marine weather, beacons, $190-400 \mathrm{kHz}$; marine, $1.5-4.5$ MHz . Direction finder has level control, null meter, bearing scales, rotating antenna. Squeleh, dial lights, telescoping antenna, headphone jacks. With case, batteries, AC adapter. $6 \times 9 \times 21 / 2^{\prime \prime}$.
17 T 015512 U . Shpg. wt., 14 lbs. 87 Monthly. 130.95 17 T 6541 RU. Radio Alone. Japan. 8 lbs..
129.95

## Courier Business-Band Linear Amplifier with Low Current-Drain-Ideal for Mobile


$\$ 99^{00}$
\$5 monthly

This mobile Business-Band linear amplifier increases your input operating power to 200 watts PEP, 100 watts DC. Provides up to 50 watts RF output. Only 3.5 -watt drive for full output. Improves dependability of communications over longer distances. Covers $25-50 \mathrm{MHz}$ band. Solid-state/two-tube circuit. Draws under 2 amps in receive position. No internal connections to transceiver. Built-in antenna relay; tuning light. For 12 VDC. $23 / 4 \times 71 / 4 \times 81 / 2^{\prime}$. Hlegal on Citizens Band Class $D$. Shpg. wt., 7 lbs .
17 T6530 RU. 85 Momehly.
99.00

Save ${ }^{3} 5.00$

For Car or Home

## Midand Solid-State VHF Converters

Were $\$ 99.95$. Add a VHF converter to your AM car or home radio to monitor public services. Battery-operated. Jacks for 12 VDC and antenna. Metal cabinet, 4x4x $51 / 2^{\prime \prime}$ Japan. Shpg. wt., 4 lbs.
$17{ }^{2} 9822 \mathrm{R}$, 152 -174 MHz (FM).
34.95

17 T 9823 R. 108-135 MHz Aircraft (AM) ............ . . 34.95
17 T 9824 R. $30-50 \mathrm{MHz}$ (FM) ....................... 34.95
18 T 5083 R. Batteries. (Uses 8 .) 4 oz.........Pkg. of $2 / 20$.


## Nova CB 5-Band Radio/Direction Finder

Receives standard AM; $200-400 \mathrm{kHz}$ for weather, marine beacons; $1.5-4.5 \mathrm{MHz}$ marine band; and all 23 Citizens Band channels, spread over 2 bands. Squelch, whip antenna, dial light. Radio direction finder works on all bands. Null meter, CB loop, optical sights. Jacks for external battery, antenna. Bracket. batteries, AC adapter. Japan. Shpg. wt., 8 lbs. 17 T 6792 U. si Momthly.
129.95

Save ${ }^{s} 145.00$

Was $\$ 395.00$
$\$ 250^{00}$
$\$ 13$ monthly

## Hallicrafters HT-46 SSB/CW Transmifter

Transmitter offers all you would want for a quality Ham station. Covers $80-10$ meters with built-in high-stability VFO with $500-\mathrm{kHz} 180-$ watt PEP filter input on SSB, 150 watts on CW. Grid-block CW keying. USB/LSB via $9-\mathrm{MHz}$ quartz filter. Plate-current/relative output meter; press-to-talk; automatic amplifier level control. Self-contained solid-state power supply for $110-120$ VAC. $57 / 8 \times 131 / 8 \times 11^{\prime \prime}$.
17 T9244 RU. Wt., 26 lbs. $\$ 13$ Monthly......... 250.00

## Save at Allied's Low Prices . . . Stock Up Nowt

Automatic Hi-fi System Shutoff Switch

## Min' Torch Pocket Blowtorch Kit

## Unique Sound-Reprodecer Installs on Wall or Daer



For Background Music
Eary to Connect

$$
\$ 845
$$

Exciting new concept in sound reproduction turns entire surface on which it is placed into a sounding board. For PA or background music systems. Connect speaker outputs to reproducer and mount on desired surface. $2 \times 2 \times 2^{*} .8$ oz. 24 T 9224.


For the audio buff who has everything! Convenient switch automatically shuts off entire hi-fi system after the last record has played. For record changers with sutomatic shut-off. Shpg. wt., 2 lbs.
24 Y9234R
4.95

Develops $3500^{\circ}$ pinpoint flame with disposable butane cartridges Holds 1/2 hr. fuel supply. Turns on or off at any time. Solder, or braze, small pipe joints. 24 T 9263. Wt., 10 oz.. . 3.75 24 T9264. Extra Cartridges. 6 oz .......... Pkg. of $1 / 1.09$

## Uliracomport Shelf Speaker System



## Repeat of Sale! <br> 

Big value! Plastic woodgrained enclosure with handsome walnut finish. Has 6x4* speaker with 1-oz. magnet. Power capacity, 5 watts. Impedance, 8 ohms. With $20-\mathrm{ft}$. connecting cable. Size, $6 \times 9 \times 41 / 2^{\prime \prime}$. Shpg. wt., 3 lba.
24 T 9012 R.
6.88

ALLJED \&-Book Homeowners Librory with Slip-Case
Seve
$14 \%$$\$ 5^{80}$

Eight-book set in slip-case -great value for homeowners. Covers: olectric wiring, small home appliances, large home appliances, home power tools, minor home repairs, TV, color TV, and FM antennas, concrete pouring and patching, and interior decorating ideas. An indispensable home repair reference Postpaid in U.S.A.
23 T 7229 REP..
5.80


## Pocket-Size 30,000 Ohms/Volt VOM

> Save $13 \%$ Now $\$ 1988$ Only

Was $\$ 14.95$. Accurate VOM has wide mirrored scale with bold numbers, d'Arsonval meter movement; 30,000 ohms/volt DC: 15,000 ohms /volt AC sensitivity. Reads AC or DC volts to $1200 ;$ DC current to 300 mA ; ohms to 16 megs . -20 to +63 dB . Has recessed nylon range selector. Bize, $51 / 2 \times 31 / 2 \times 1 \frac{3}{8} 8^{\circ}$. With durable leatherette case, leads, battery. From Japan. Shpg. wt., I lb.


30,000 Ohms/Volt $D C, 15,000 \quad \mathrm{Ohms} / V$ oft AC Sensitivity

24 T 9372 R.
12.88

## Pocket-Size $\mathbf{2 0 , 0 0 0}$ Ohms/Volt VOM

## Speciol Low Pricel <br> Save 13\% <br> $\$ 777$

Was 88.95. Handy, seńsitive VOM, great for quick field checks. About the size of a pack of cigarettes. Precision resistors throughout. Reads DC volts to 2500; AC volts to 1000; ohms to 6 megs; -20 to 22 dB . Has recessed mylon range selector; easy-to-read $31 / 2^{\prime \prime}$ two-color scale; d'Arsonyal meter movement. $41 / 2 \times 31 / 2 \times 1$. Case. leads, battery. From Japan. Shpg. wt., 1 lb .
24. T 9318 R .
7.77


20,000 Ohms/Volt DC, 10,000 Ohms/Volf AC Sonsifivity

## Pocket-Size 1000 Ohms/Volt Multimeter

## Volue Priced! <br> $\underset{\text { Easy-to-Use }}{\text { Compat }} \$ 4,95$

Pocket-sized VOM at an amazing low price. For quick checks of radio, TV's, and other appliances. Reads AC and DC volts: 0-10-50-250 1000 . DC current $0-100 \mathrm{~mA}$. Ohms, 0-150K. 1000 ohms/ volt sensitivity DC; easy-to-read meter; single range/ function switch. Size, 31/2x 21/4x1". High-impact plastic case. With test leads and battery. From Japan. Shpg. wt., 10 oz.
24 T 9590 R
.4 .95


For Quick Field Tests of Radios and Appliances

## Dollar Stretchers for Home and Shop


(A) AM Shirt Pocket Rodie

Compact, 8-transistor shirt pocket radio. Handsome black shock-resistant case with walnut accents. With 9-volt battery, vinyl carrying case, earphone with pouch. $21 / 4^{\prime}$ speaker. $41 / 4 \times 25 / 8 \times 13 / 8^{\prime \prime}$. From Taiwan. 10 T 4110 RS. Shpg. wt., 12 oz. .
4.88

## (B) FM-AM Portable Rodio

Was $\$ 11.88$. Sensational low price! Has $\mathbf{A F C}$ circuit for drift-free FM reception; FM-AM selector switch: teleacoping antenna. For local reception. $5 \times 3 \times 13 / 4$ ". With earphone and battery. From Taiwan. Shpg. wt., I lb. 10 T 4225 RS


Closeour
$166^{95}$ $1 \%$
[c] "Min Eer" Sensitive Percholic Möve
Have funl Picks up whispers at 50 feet. sonversation at 150 feet, hird calls at 200 feet. Tripod, $18^{\prime \prime}$ reflector, mike, stethoscope, earphones. Order battery below.
24 T 9024 X. Shpg. wt., 5 Ibs.
.16 .95
18 T 5980 R. Bottery. 6 os.
21594

## Pristed-Circuit Boerd Xit Closeow

Assortment of 3 perforated, 1 solid cipeuit boards. Sizes from $3 x 3^{\prime}$ to $5 \times 6^{\prime \prime}$. Heavy copper coating on $1 \mathrm{~K}^{\circ}$ phenolic. Limited Quartity. 24 T9200. Wt., $603 . . . . . . . .4$ Boords for $98 \not$
47 T 1102. Resist Pen. 2 oz..
47 T 11 159. I PI. Etch Solution. 6 as.
75

Switch for High/low Impedance

## Repeot of Sale

## $\$ 2^{95}$

## Cardioid Dynamic Mike

Sphere-top mike eliminates feedback. Ideal for PA, indoors or out. Switch selects $150-250$ ohms or 50 K impedance. Mesh screen wind and "pop", filters. -62 dB at 1000 Hz . Satin-chrome finish. On-off switch; $20^{\prime}$ cable. From Japan. $11 / 2$ lbs.
24 T 9222 R.
12.95


Dual-Impedance Dynamic Mike
Was 89.95. Semi-directional $175^{\circ}$ pickup pattern. $50-14,000 \mathrm{~Hz}$. -50 dB . On-off switch; swivel mount-std. $5 / 8^{\prime \prime}-27$ thread. $20^{\prime}$ cable. Less stand. Japan. 3 lbs. 24 T 9348 R.
.8 .95


## Solid-Stute Mike Mixer

Was 86.95. Mixes 4 signals into single output. 2-conductor phone inputs, phono jack output. 6 dB gain. $28 / 8 \times 6 \times 31 / 2^{\prime}$. With battery. Japan. Wt., 4 lbs.
24 T 9352 R.
5.88


Wide-Ronge with "Pop-Proof" Wire Mesh Grille, Swivel Holder

## $\$ 895$

## Ball-Type Dynamic Mike

Wide-range with omnidirectional pickup pattern. Can be hand-held or mounted on stand using holder (supplied). Satin chrome finish. On-off switch. Response, $100-$ $12,000 \mathrm{~Hz}$. Output, -60 dB . Impedance, 50,000 ohms. With $20^{\prime}$ cable, swivel adapter. Japan. 24 T 9023 R. Wt., 1 lb.


## Slim Crystal Microphone

Looks like an expensive mike. Ideal for hand use High impedance. On-off switch. Response, $100-9000 \mathrm{~Hz}$ With B $^{\prime}$ cable. From Japan. Wt., 8 oz . 24 T 9587 R.
2.95


## Solid-State DC Power Supply

Zener-regulated; provides voltage regulated within $10 \%$ of rated load. Converts 110 VAC to 12 VDC, at up to 2 amps . Can power most auto tape players. 2! T 4385. Wt., 1 lb........ 12.95


Turn light
On, Off $\$ 95$
Turns light on at dusk, off at dawn. For yards, alleys, etc. Unaffected by temporary flashes. Sealed CdS cell. Instant installation. For par 38 lamp. $150-\mathrm{W}$. cap. U.L. Listed. $11 / 2 \mathrm{lbs}$. 24T 9452................. . 6.95

Solid-state dimmer adjusts intensity of light in any room for reading, TV watching, relaxing. Lights turn on or off by pushing knob, so setting is not changed. For up to 600 watts of incandescent lighting. Requires minimum load of 100 watts. Wt., $1 / 2 \mathrm{lb}$. 26 T 2303 R.

## Special Bargains for Home or Shop

## Prices Slashed on Lincoln Dual-Cone Speakers

- Whizzer Cone
- Heavy Ceramic Magnet
- Internal Dust Cap

Save $\$ 1.008^{\prime \prime}$ Speaker. Was 85.95 . Frequency response, $50-16,000 \mathrm{~Hz}$. Power capacity, 20 watts. Im$\$ 495$ pedance, 8 ohms. 13 -ounce magnet. $4^{\prime \prime}$ deep. Shpg. wt., 3 lhs.

Save 5.00 $\$ 595$

Save 5.00 $\$ 895$

12" Speaker. Was $\$ 6.95$. Frequency respouse, $35-15,000 \mathrm{~Hz}$. Power capacity, 25 watts. Impedance, 8 ohins. 13-ounce magnet. $51 / 2^{\prime \prime}$ deep. Shipg. wt., $31 / 2$ lbs.
24 T 9631 RX.
5.95

15" Speaker. Was 89.96. Frequency response, $30-14,000 \mathrm{~Hz}$. Power handling capacity, 30 watts. Impedance, 8 ohms. 20 -ounce magnet. $61 / 8^{\prime \prime}$ deep. Shpg. wt., 9 lbs.
24 T 9630 RX .

## 4×10" Midrange Horn Cut 12\%

(A) Was $s \% .95$. Die-cast construction. Response, $600-12,000 \mathrm{~Hz} .30$ watts peak power capacity. $101 / 2 \times 35 / 6 \times 11^{\prime \prime}$ deep. Impedance, 8 ohms. With capacitor crossover. Shpg, wt., 3 lhs. 16 T 3540 R
6.95

2x6" Compression Tweeter Cut 14\%
(B) Was s6.95. Wide-angle dispersion; built-in crossover capacitor. Response, $2000-18,000 \mathrm{~Hz}$. 1.4-oz. magnet; $3 / 4$ " voice coil. Capacity, 30 watts. 8 ohms. Wt., $13 / 4 \mathrm{lbs}$.
1\% T 3539 R.
5.95

## Giant-Magnifier Light

Was 8.49. Powerful 3.5X magaifier, $31 / 8^{\circ}$ diameter view plate. Uses two "C'" batteries (order below). Chrome with ivory color hood and switch. 24 T 9055. Shpg. wt., $1 \mathrm{lb} . . . . . .2 .10$ 18 T 5078 R. "C" Batts. $6 \mathrm{oz} . .2$ for 338


Fused AC.Outlet Boxes with Cord ond Plug

American-made. Fit many transistor radios. Replaces 2U6. $17 / 8 x^{39} 9_{4} \times 1^{5}$. Wt., 6 oz. 18 T 5980 R... Pkg. 2 for 59 ¢


Was $\$ 10.95$. Holds 143 tubes, plus meter and tools. Brown vinyl covering, clasp lock, plastic haudle. $121 / 2 x$ $153 / 4 \times 8^{\prime \prime}$. Wt., 8 lbs.
9.85

## $\$ 495$

4 or 6
Oullat

(C) 4-Outiet Box. 4 outlets, 4 switches. Rated at 15 amps. Fused. $10^{\prime}$ cord, plug. $13 \times 21 / 4 \times 114^{\prime} .21 / 4 \mathrm{lbs}$. 24 T 9343 R.
4.95
[D] 6-OHlet Box. 6 outlets, 1 switch. Pilot light. 15 amps, fused. $10^{\prime}$ cord, 2 -wire plug. Wt., $21 / 4 \mathrm{lbs}$.
24 T 9342 R .

## 30-Drawer Steel Parts Cabinet <br> Save $10 \%$ <br> $\$ 494$

Was 25.49. Organize small parts with this rigid weldedframe cabinet. Durable enamel finish. Clear plastic drawers, each $13 / \times 23 / 45^{2} / 4^{\circ}$. Handle, plastic divider, and labels. Size, $98 / 4 \times 17 \times 6^{3} / 6^{\circ}$. Shpg. wt., 9 lbs.
24 T $9028^{\prime \prime} \mathrm{RX}$.
4.94


## Closeout Sale-Save 25\% Popular ACOUSTONE Speaker Grille Cloth

$$
\begin{aligned}
& \text { Buy } A_{s} \\
& \text { Much As } \\
& \text { You Need }
\end{aligned} \quad \$ 795 \begin{aligned}
& \text { Per } \\
& \text { Yord }
\end{aligned}
$$

Was 89.95 Per Yard. Chic and durable grille cloth is laboratory tested and approved. Color-fast-won't sag, shrink or fade. Made of acoustically transparent Saran plastic. Black with gold cobweb design. Shpg. wt. per yard, 15 oz .
16 T 2148 RX.. . Per Yd. 2.95

## Gulton Home Fire Alorm

Automatically sounds loud continuous tone when room temperature reaches $126^{\circ}-$ $140^{\circ} \mathrm{F}$. Safety test button. Permanent Nickel-Cadmium batteries (included) recharge when plugged into 115 VAC outlet. Wt., 1 lb .
24 T 9302.
7.95

## Automatic Timer <br> $\$ 595$

"Ti-Mite." Home lighting control plugs directly into AC outlet-lights plug into timer. "Hours-on"' knob; repeats cycle every 24 hours. 300 W . $35 / 8 \times 25 / 8 \times 2^{\text {F }}$. Wt., 7 oz.
24 T 9298.
.5 .95


Telephone Amplifier

## Save $10 \%$ \$ $3^{45}$

Was \$14.95. Convenient solid-state amplifier boosts phone sound to room level. Great for conference calls. $10 \leq 3 \times 3$ ". With $9-V$ battery. Japan. Shpg. wt., $11 / 2 \mathrm{lbs}$. 24 Y 9231 R.


## Unbeatable Parts Values for the Experimenter

## 4-Transistor 3-Wutt Miniature Amplifier <br> 5695

2-stage audio, push-pull output. Batt. below. Japan. 24 T 9209 R. 12 oz...... 6.95 24 T 9207 R. 1 Watt. ... 5.95 18 T 5980 R. Batt. 2/59

## Quality Disc Ceramics

## 48 for 98 f

Values from 2 pF to 1000 pF at $50-5000$ VDC. Made by well known American mfrs. Parallel wire leads. 24 T 9958 R. 8 oz. 48 for $98 \not$

## Volume Control Assortment



For experimenters, servicemen. You get: 500 ohm, 2500 ohm, $100 \mathrm{~K}, 500 \mathrm{~K}, 1$ meg, 5 other values. 8 oz . 24 T 9314 R. . Pkg. 10 for 98 d

## Relay Assortment Bargain



4 for $\$ 169$
Fine assortment with popular coil voltages and contact ratings. Wide range of ap-
plications. 8 oz.
24 T 9199 R... Pkg. 4 for 1.69


Was 85.95. For linear experiments. Fainchild NJS 716 medium-power audio amplifier. Instructions. 24 T 9268 R. Wt., 1 oz.. 5.45

## Chassis/Breodboard Kit



Aluminum frame expands, stacks, couples. Phenolic mtg. board, panel, rails. 2x $4 \times 7^{\prime \prime} .50$ solderless terminals. '24 T 9210 R. Wt., 10 oz. 3.29


Hi-Z, with switch. Permits remote operation of portable recorders. $29 / 16 \times 13 / 4 \times 3 / 4$ ". With $3^{\prime}$ cable. Japan.
24 T 9277. Wt., 8 az..... 69f


Adapt banana plug to clip, or accept wires. Screw terminals. $3 / 8^{\prime \prime}$ steel. 3 oz.
24 T 9266 R. Red...... 4/394 24 T 9267 R. Black.

4/39/


Experiments witb integrated circuits. Flip-fops, adders, logic functions, more. Detailed instructions.
24 T 9296. Wt., $1 \mathrm{lb} . . .9 .95$
Assorted Terminal Strips

## 

Quality bakelite strips with 1 to 6 terminals each. $3 / 8$ " wide. For serviceman, experimenter, hobbyist. 12 oz. 24 T 9582 R. Pkg. 100 for 98 d

## Standard $1 / 4$ " Phone Plugs Top Quolity-Low Price



For headphones, mikes, etc. Nickel-plated brass, screw term. $27 / 8^{\prime \prime}$ long. 12 oz.
24 T 9225 R. Block. 4 for 988 24 T 9226 R. Red.. . 4 for 98 d

Semiconducter Packoge


## $\$ 198 \quad 38-\mathrm{Pc} . \mathrm{Kit}$

4 PNP, 4 NPN, 2 TO-3 power transistors; 4 silicon rect. (2 amp) 20 germanium, 4 Zener ( $3 / 4 \mathrm{~W}$ ) diodes. 24 T 9477 R. Wt., 4 oz. 1.98

## Tronsistor Transformer



Repeaf Sale 98.

Power type. Primary 115 V. 60 Hz AC . Two secondaries: 6.3 V at $1 \mathrm{amp} ; 65 \mathrm{~V}$ CT at $400 \mathrm{~mA} .3 \times 27 / 8 \times 21 / 2^{\circ}$. 24 T 9966 R. Wt., 4 lbs. . $98 \%$

## 2-Conductor QualityMade Phone Jacks



Open-circuit, two conductor jacks for standard 1/4" phone plugs. Plated contacts, terminals. Wt., 6 oz . 24 T 9227 R. . . Pkg. 5 for $98 \%$

## Values in Popular Transistors-Stock Up Now



Low Prices on Fomous-Brand Zener Diodes

| 2 fer |
| :--- |
| itit |

Each has a 1 to 2-watt power rating. Axial leads. Tolerance, $\pm 10 \%$. Perfect for the experimenter, hobbyist or technician. Pkg. of 2 . Wt., 2 oz .
24 T 9358 R. 3.9 Voll. . . . . . . . . . . . . 2 for 884 24 T 9359 R. 6.8 Voll. ............... . 2 for 88 . 24 T 9361 R. 12 Volt. ............... . . . 2 for 88 . 24 T 9362 R. 18 Volt.................. 2 for $88 \phi$ 24 T 9363 R. 33 Volf................ 2 for 88 \& Assortment of 12 Zener Diodes. Ranges from $250-\mathrm{ma}$ type to stud-mount 1 -watt. Zener voltage range, 2.7 to 33 V .
24 T 9340 R. Shpg. wt., 4 oz. Pkg. of 12/1.98


## Epoxy-Encapsuleted Silicon Rectifiers

Don't pass up this fine value on eposyencapsulated silicon reetifiers. Top-quality, ideal for applications in all types of hi-fi equipment, radio, and TV power supplies. All are rated $750-\mathrm{mA}$ output. Rectifier bodies are epoxy construction, with $11 / 2^{\prime}$ axial leads. Package of 2. Shpg. wt., 3 oz .

> Low As
> 2 for $59 \&$

24 T 9692 R. PIV $200 . . .$. . . . . . . . 2 for 59 f.

24 T 9893 R. PIV $800 . . .$. . . . . . . . . . 2 for 99 f
24 T 9572 R. PIV $800 . . . . . . . . . . . .2$ for 98 .
24 T 9573 R. PIV $1000 \ldots . . . . .2$ for 1.39

# Stock Up Now on Bargain Counter Specials 

## Radio/TV Speakers

$6 \times 9^{\circ}$ Oval Speaker. Was \$8.49. Perfect for radio or TV set. Provides extended-range, rich sound. 1.47 -oz. Alnico $V$ magnet. Whizzer cone extends high frequency response. 8 watts. 8 ohms. 24 T 9529 R. Wt., $11 / 4$ lbs... . 1.98 8' Round Speaker. Was \$2.49. Whizzer cone for wide high frequency response. $1.47-\mathrm{oz}$. Alnico $V$ magnet. 8 watts. 8 ohms.
24 T 9530 R. Wt., $11 / 2$ Ibs. . . 1.98



Wras 1.29. Ideal for modern appearance, dependability. DPDT, rated 3 amps at 125 volts. 4 oz . Limited ruantity, 24 T 9198

Pkg. 4/98

## Assorted Slide Switches



> U.L. Listed

12 for 98 .
SPST, SPDT, DPST, DP-
DT slide switches-under $9{ }^{1}$ each. U.L. Listed. Rated $1 / 2$ to $3 \mathrm{amps}, 125 \mathrm{~V} .9^{\circ} \mathrm{oz}$.
24 T 9865 R......Pkg. 12/98ф

## Stock Up Now on Carbon Resistor Assortments at These Low Prices

$1 / 2$-Watt Pkg. of 150. Famous brands, $\pm 10 \%$ tolerance. Two each: $10,12,15,18,22,27$, $33,39,47,56,68,82,100,150,180,220^{\prime}$ $270,330,390,470,560,680,820,1000$, $1200,1500,1800,2200,2700,3300,3900$, $4700,5600,6800,8200,10 \mathrm{~K}, 12 \mathrm{~K}, 15 \mathrm{~K}, 18 \mathrm{~K}$, $22 \mathrm{~K}, 27 \mathrm{~K}, 33 \mathrm{~K}, 39 \mathrm{~K}, 47 \mathrm{~K}, 56 \mathrm{~K}, 68 \mathrm{~K}, 82 \mathrm{~K}$, $100 \mathrm{~K}, 120 \mathrm{~K}, 150 \mathrm{~K}, 180 \mathrm{~K}, 220 \mathrm{~K}, 270 \mathrm{~K}$, $330 \mathrm{~K}, 390 \mathrm{~K}, 470 \mathrm{~K}, 560 \mathrm{~K}, 680 \mathrm{~K}, 820 \mathrm{~K} ; 2$ each $1-15$ megs. Wt., 10 oz .
24 T 9377 R.
Pkg. of 150 for 3.95
$1 / 21,2$ Watt. $401 / 2$-watt, 301 -watt, 30 2-watt. Tolerances $\pm 5 \%$ and $=10 \%$. 5 oz . 24 T 9329 R.

Pkg. of 100 for 1.98 $1 / 4,1 / 2,1,2$ Wart. $251 / 4$-watt, $1001 / 2$-watt, 25 1-watt, 502 -watt. Tolerances of $\pm 5 \%$ and $\pm 10 \%$. Color coded. Shpg. wt., 10 oz . 24 T 9285 R. ........... . Pkg. of 200 for 3.49 $1 / 2$ Watt. Repeat Sale! 100 most popular values. Tolerance $\pm 10 \%$. Color coded. 5 oz.
24 T 9699 R............ Pkg. of 100 for 1.29


Big Value!
Package of 100
Low As $\$ 29$

## Closeout Priced! Molded Tube Sockets



Money-saving price for quality sockets. Pkg. of 20 , with liberal mixture of both 7 and 9 -pin types. 1 lb .
24 T 9964...Pkg. 20 for $88 \$$
VHF TV-FM 2-Set Coupler


Solderless 59

Permits operating two TV or FM sets from one antenna. Transformer type; high isolation. 300 ohms. $33 / 4 \times 1 \times$ 13/4". Shpg. wt., 3 oz . 24 T 9760.

## Assorted Molded Plastic Radio Knobs



Assorted colors. Fluted or grooved for easy gripping. Many have gold or silvercolor inserts. Wt., $11 / 2 \mathrm{lbs}$. 24 T 9287 R. Pkg. 50 for 98


Top-quality copper wire at a low price. Convenient 25ft. coils. Assorted colors. 22-gauge vinyl insulation. Shpg. wt., $13 / 4 \mathrm{lbs}$.
596 24 T 9935 R. Pkg. 10 for $98 \not \subset$

## Repeat of Sale! Tinnerman Speed Nuts



Buy Now! $39 ¢$
Fantastic bargain! Generous assortment of most-often needed sizes. Do the job fast, hold tight. $1 \frac{1}{4} / \mathrm{lbs}$. 24 T 9965. $11 / 4-$ Lb. Box.. . 39 $\&$

50-Ft. of Spaghetti


Insulated sleeving assortment includes twenty $30^{\circ}$ lengths. Various dianeters, colors and finishes for many uses. Shpg. wt., 8 oz.
24 T 9018 R. .

## 5-tb. Hardware Assortment



Nuts, bolts, screws, eyelets, rivets, clamps, springs, grommets, washers. Shpg. wt., $51 / 4 \mathrm{lbs}$.
24 T 9724 R.... 5 lbs. for $98 \not \subset$


Lets you turn on car ignition, start motor, and turn off ignition from under hood. Extra-long leads, shockproof case. 2 lbs.
19 T 4114R.
.2 .88


Less than $1 \not \subset$ per foot. 22 gauge wire on $100-\mathrm{ft}$. spools. Stock up now at this low price. Stranded, with vinyl insulation. 1 lb . applications. Includes 5 each: $10 \mu \mathrm{~F}$ at 16 WVDC, $15 \mu \mathrm{~F}$ at 16 WVDC, $20 \mu \mathrm{~F}$ at 20 WVDC, $30 \mu \mathrm{~F}$ at 6 WVDC, $50 \mu \mathrm{~F}$ at 3 WVDC, $100 \mu \mathrm{~F}$ at 3 WVDC, plus 5 each of 2 other popular values. With plastic case. Shpg. wt., 8 oz .
24 T 9265 R............ Box of 40 for 3.35


| Stock No. | Color | EA. |
| :--- | :--- | :--- |
| 24 T 9496 | R | Yellow |
| 24 T 9497 | R | .98 |
| 24 Thite/Black | .98 |  |
| 24 T 9498 | R | White/Yellow |



## 30-Drawer Parts Cabinet

free With Purchase of 25 Tubes. (May be assorted.) Versatile parts cabinet has hundreds of uses. "See-Thru" nonspill plastic drawers allow easy identification of contents. Ample room for small parts and components, Each drawer $11 / 4 \times 23 / 4 \times 53 / 4$ " deep. Plastic dividers, labels. Rigid. welded steel frame with enamel finish. Carrying handle. $93 / 4 \times 17 \times 6 / 6^{5} .9$ lbs.

Specify Stock No. 24 T 9028 RXG.
24 T 9028 RX. Cabinet Alone....... . 4.94

## G.E. Electric Alarm Clock

free with Purchase of 15 Tubes. (May be assorted.) Attractive General Electric "Room-Mate" bedroom alarm clock. Pert, miniature styling takes up a minimum of space. Easy-to-read dial has large, bold numerals. Sweep second hand. Pointer for aecurate alarm settings. High-impact plastic with antique white finish. $31 / 4 \mathrm{~h} ., 33 / 8^{"}$ w. For 117 V. 60 Hz AC. $1 / 2 \mathrm{lb}$.

Specify Stock No. 24 T 9021 G.
24 T 9021 . Clock Alone.
3.98

## Rugged Magnetic Flashlight

free With Purchase of 5 Tubes. (May be assorted.) Heavy-duty flashlight for garage or workshop. Celanese fortiflex: acid resistant, dentproof, non-slip grip. Unbreakable lens. Black case, oversize cushion lens guard. End cap and magnet housing in matching red. $8 \times 21 / 2^{\prime \prime}$ diameter. Order batteries below. From Japan. 1/2 lb.

Specify Stock No. 18 T 5147 RG.
18 T 5147 R. Flashlight Alone.
18 T $5147 R$. Flashlight Alone....... 1.19
18 T 5079R. "D" Batteries. 12 oz.. $4 / 65 \phi$

Allied Has the World's Largest Stock of RCA and G.E. Tubes-All Guaranteed* for 24 Months
(*except for broken tubes)

| Tube Type | EACH In Quentitios of |  |  | Tube Type | EACH In Quanelits of |  |  | Tube Typo | EACH in Quantities of |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1-9 | 10.49 | 50.UP |  | 1-9 | 10-49 | 50-Up |  | 1-9 | 10-49 | 50-Up |
| 024 | 1.63 | 1.46 | 1.30 | $6 \mathrm{BK7B}$ | 2.00 | 1.80 | 1.60 | 6364 | 1.63 2.93 | 1.46 2.63 | 1.30 2.34 |
| 1G3GT/1B3GT | 1.70 | 1.53 | 1.36 | 6BN6 | 1.85 | 1.67 | 1.48 | 6J B6A | 2.93 | 2.63 | $2.34$ |
| IV2 | 1.28 | 1.15 | 1.02 | 6BQS | 1.63 | 1.46 | 1.30 | 6JC6 | 1.98 4.25 | 1.78 3.82 | 1.58 3.40 |
| 1X2B/1X2A. | 4.70 | 1.53 | 1.36 | 6BQ6GTB/6CU6 | 2.23 | 2.00 | 1.78 | 6JE6A | 4.25 1.93 | 3.82 1.73 | 3.40 $1.54$ |
| 2 AV 2 | 1.43 | 1.28 | 1.14 | 6BQ7A | 2.08 | 1.87 | 1.66 | 6JU8A | 1.93 | 1.73 |  |
| $2 \mathrm{CY5}$ | 2.00 | 1.80 | 1.60 | 6 6U8 | 2.08 | 1.87 | 1.66 | 6KA8 | 2.25 1.85 | 2.03 1.67 | 1.80 1.48 |
| 3A3/3 2 | 1.60 | 1.44 | 1.28 | $6 \mathrm{BZ6}$ | 1.35 | 1.21 | 1.08 | $6 \mathrm{~K} Z 8$ 6 LGGC | 1.85 2.38 | 1.67 2.14 | $\begin{aligned} & 1.48 \\ & 1.90 \end{aligned}$ |
| 3BZ6 | 1.18 | 1.06 | .94 | 6BZ7 | 2.08 | 1.87 1.28 | 1.66 | 6L6GC | 2.38 2.08 | 2.14 1.87 | $\begin{aligned} & 1.90 \\ & 1.66 \end{aligned}$ |
| 3CB6/3CF6 3 DG 4 | 1.48 2.38 | 1.33 2.14 | 1.18 1.90 | 6CB6A/6C16 6CD6GA | 1.43 2.90 | 1.28 | 1.14 2.32 | 6 LF 8 654 A | 2.08 <br> 1.48 | 1.87 1.33 | $\begin{aligned} & 1.66 \\ & 1.18 \end{aligned}$ |
| 3DG4 | 2.38 | 2.14 | 1.90 | 6CD6GA | 2.90 | 2.61 |  |  |  |  | 1.24 |
| 5AQ5 | 1.48 | 1.33 | 1.18 | 6CG8A | 1.78 | 1.60 | 1.42 | 6SN7GTB 6T8A | 1.55 1.85 | 1.40 1.67 | 1.24 1.48 |
| 5CG8 | 1.85 | 1.67 | 1.48 | 6 Cl 18 A | 2.08 | 1.87 | 1.66 1.30 | 6T8A 6 68/6KD8 | 1.85 1.55 | 1.67 1.40 | 1.24 |
| 5U4GB | 1.28 | 1.15 | 1.02 | $6 \mathrm{CM7}$ | 1.63 | 1.46 | 1.30 | 6U8A/6KD8 | 1.55 1.63 | 1.40 | $1.24$ |
| 5 U8 | 1.93 | 1.73 | 1.54 | $6 \mathrm{CQ8}$ | 1.85 | 1.67 | 1.48 | 6V6GTA $6 \times 4$ | 1.63 1.05 | 1.46 .95 | $\begin{array}{r} 1.30 \\ .84 \end{array}$ |
| 5Y3GT | 1.13 | 1.01 | . 90 | $6 \mathrm{CU5}$ | 1.78 | 1.60 | 1.42 | $6 \times 4$ | 1.05 | . 95 |  |
| 6 AF4 | 2.05 | 1.85 | 1.64 | 6 CV 5 | 2.00 | 1.80 | 1.60 | 6X8A | 1.70 | 1.53 | 1.36 |
| 6AF4A | 2.05 | 1.85 | 1.64 | 6 DE 4 | 1.78 | 1.60 | 1.42 | $8 \mathrm{FO} 7 / 8 \mathrm{CG} 7$ | 1.18 | 1.06 | . 94 |
| 6AL. 5 | 1.13 | 1.01 | . 90 | 6DG6GT | 1.93 | 1.74 | 1.54 | 10DE7 | 2.23 | 2.00 | 1.78 |
| 6AM8A | 1.85 | 1.67 | 1.48 | 6 DOS | 3.93 | 3.54 | 3.14 | 12AT7/ECC81 | 1.43 | 1.28 | 1.14 1.02 |
| 6AN8A | 2.15 | 1.94 | 1.72 | $6 \mathrm{DR7}$ | 2.30 | 2.07 | 1.84 | 12AU6 | 1.28 | 1.15 | 1.02 |
| 6AQ5A | 1.48 | 1.33 | 1.18 | 6DT6A | 1.35 | 1.21 | 1.08 | 12AU7A/ECC82 | 1.28 | 1.15 | 1.02 |
| 6AS5 | 1.63 | 1.46 | 1.30 | 6DW4B | 1.75 | 1.58 | 1.40 | 12 AV 6 | . 98 | . 88 | . 78 |
| 6AU4GTA | 2.00 | 1.80 | 1:60 | $6 \mathrm{EA8}$ | 1.78 | 1.60 | 1.42 | 12AX4GTB | 1.35 | 1.22 | 1.08 |
| 6AU5GT | 2.60 | 2.34 | 2.08 | $6 \mathrm{EB8}$ | 2.53 | 2.27 | 2.02 | 12AX7A/ECC83 | 1.35 | 1.22 | 1.08 1.30 |
| 6AU6A | 1.20 | 1.08 | . 96 | 6EJ7/EF184 | 1.78 | 1.60 | 1.42 | 12AZ7A | 1.63 | 1.46 | 1.30 |
| 6AU8A | 2.45 | 2.21 | 1.96 | 6 EM 7 | 2.60 | 2.34 | 2.08 | 12B4A | 1.60 | 1.44 | 1.28 |
| 6AV6 | . 98 | . 88 | . 78 | 6EW6 | 1.35 | 1.21 | 1.08 | $12 \mathrm{BA6}$ | 1.05 | . 95 | . 84 |
| 6AWBA | 1.93 | 1.73 | 1.54 | 6FQ7/6CG7 | 1.18 | 1.06 | . 94 | $12 \mathrm{BE6}$ | 1.28 | 1.15 | 1.02 |
| 6AX4GTB | 1.48 | 1.33 | 1.18 | 6GF7A | 2.43 | 2.18 | 1.94 | 12BH7A | 1.58 | 1.42 | 1.26 |
| 6 6Y3B | 1.70 | 1.53 | 1.36 | 6GH8A | 1.60 | 1.44 | 1.28 | 12BY7A | 1.60 | 1.44 | 1.28 |
| 6BA6 | 1.20 | 1.08 | . 96 | 6GK5 | 2.08 | 1.87 | 1.66 | 12GW6/12DQ6B | 2.13 | 1.91 | 1.70 |
| 6 BC 8 | 2.08 | 1.87 | 1.66 | 6GM6 | 1.63 | 1.46 | 1.30 | 17GW6/17DQ6B | 2.13 | 1.91 | 1.70 |
| 6 BE 6 | 1.43 | 1.28 | 1.14 | 6GU7 | 1.85 | 1.67 | 1.48 | 35 C 5 | 1.35 | 1.21 | 1.08 |
| 6BH6 | 1.63 | 1.46 | 1.30 | 6GY6 | 1.45 | 1.31 | 1.16 | 35 W 4 | $\begin{array}{r}.83 \\ \hline .93\end{array}$ | .74 .73 | . 6.54 |
| 6 BK 4 B | 3.78 | 3.40 | 3.02 | 6HZ6 | 1.50 | 1.35 | 1.20 | 3525GT | 1.93 | 1.73 | 1.54 |

When Ordering Tubes, Specify Department No. (25 T 28) AND Tube Type. Example: 25 T 28 0Z4.
See pages 295 thru 298 of 1969 Catalog 280 for additional fube types included in this Gift Offer.

## Professional-Quality

 194-Piece Tool Set with 50 Sockets, Accessories- Forged From Tough Alloy Steel
- Includes Set of Metric Sockets
- Complete Automotive Ignition Set
- Steel Tool Box, Removable Tray

Now you can own the right tool for every job at an unbelievable low price! Alloy sorkets and handles: $1 / 2^{\prime \prime}$ drive-ten sockets ( $7 / 16^{\circ}-1$ ) , ratchet, $19^{*}$ speeder, $5^{*}$ extension; $3 /{ }^{\prime \prime}$ drive-seven sockets $\left(3 / 8^{\circ}-3 / 4^{\prime \prime}\right)$, $1 / 2^{*}-3 / 8^{*}$ adapter; $1 / 4^{\prime \prime}$ drive eight b-point sockets $\left(3 / /_{6}^{\prime}-7 / 1^{\circ}\right)$ ), three 8 point sockets $(1 / 1 /-3 / 8), 6^{6}$ extension, $6^{\circ}$ flex handle.
Carbon sockets and tools: $1 / 2^{\prime \prime}$ drive -seven sockets ( $7 \operatorname{Kin}^{\prime}-7 / 8$ "), "L" handle; metric drive- seven sockets ( $7 \mathrm{~mm}-14 \mathrm{~mm}$ ), "L" handle; $1 / 4$ " drive-seven sockets ( $14^{\prime \prime}-1 / 2^{2}$ ) with "L" handle and rack; $18 / 16$ " spark plug socket and bar.
Other tools included: 5-piece openend wrench set ( $5 / 4,-3 / 4$ ); 24piece automotive ignition set; 8 piece ignition wrench set; 18 -piece hex key set; hacksaw frame with 24 extra blades; 17 -piece screwdriver set: 13 -piece drill set: $8 / 8$ " tempered steel cold chisel; $6^{\prime \prime}$ conbination plier; shop knife and 5 blades; fine and medium armature paper for "turning" armatures. Shpg. wt., 30 lbs. 26 T 2412 RX. 85 Monthly. . 38.88


## FREE!

## $\$ 22.00$ Worth of Unimat Accessories



## Save \$22.00

 1210 Milling Table (Reg. $\$ 12.50$ ). $3 \times 5^{\prime \prime}$. Mounts on cross slide. 2 clamp sets. 1010 Vise (Reg. \$9.50). Mounts on cross slide or mill table. $11 / 8$ " "V"'jaw.

## Unimat Precision Lathe with FREE Milling Table and Machine Vise Bonus

## Five Tools in Onel

II's a Lathe, Drill Press, Milling Machine, Polisher and Grinder

Separately, $\$ 161.50$. Basic Unimat turns, faces, bores, recesses, parts-off, polishes in horizontal position ... and in less than a minute becomes a vertical machine that mills. grinds, jig bores, surface grinds. Headstock removes for use as hand drill ( $900-7200 \mathrm{rpm}$ ); rotates $360^{\circ}$ on bed or vertical post; locks at any angle. Features belt-driven ball-bearing spindle, accurate within $0005^{\circ}$. Eleven speeds from 900 to 7200 rpm . Lathe takes $3^{\prime \prime}$-dia. pieces, $6.9^{\prime \prime}$ between centers. $1^{\prime \prime} 4^{\prime \prime}$ press takes pieces $61 / 2^{\prime \prime}$ high drills to center of $6^{\prime \prime}$ circle. Overall, $5 \times 141 / 2 \times 4^{\prime \prime}$. With key, roughing tool bit, wood chest, instructions and Free Milling Table and Machine Vise. 115 V. AC or DC. From Austria. Shpg. wt., 40 lbs. 26 T 0015 L3U. 87 Mmthly.

## Every Price Cut on Quality Power Tools



## SKIL 38" Drive-R-Drill Kit

## Save ${ }^{5} 5.00$ <br> $\$ 39^{88}$

\$5 monthly

Was 84.88. Squeeze trigger to select speed-forward or reverse-up to 1000 rpm. Adjustable knob holds the speed you want. Drill any material, thread, tighten or remove nuts- hundreds of other jobs. 3 -amp motor, 6 ' 3 -wire cord. Includes 18 pc. accessory kit, carrying case. U.L. Listed. 115 VAC. $61 / 2 \mathrm{lbs}$.
26 T 1210 RX. $\$ 5$ Monihly. .


## Save on Variable Speed Drills

Save to ${ }^{s} 7$

1/4" Drill
$\$ 13^{95}$
Model 9746. Was $\$ 17.95$. Sensitive trigger lets you adjust speed for every job, 0 to 2000 rpm . Fan-cooled 2-amp motor has double reduction gears, dynamically balanced armature. Less bit. 26 T 1230 R. Shpg. wt., 4 lbs......... 13.95 Model 9750 3/0 Drill. Was \$23.95. Has $0-1000 \mathrm{rpm}$ speed, auxiliary handle. 26 T 1232 R. Shpg. wt., 4 lbs.
16.95


Save s8.00年 lubricated Extre bearings, permanently \$1 $195 \begin{aligned} & \text { lubricated. Extra-heavy chrome plated } \\ & \text { base plate, auxiliary knob. Depth, }\end{aligned}$ controls; rip guide; removable shoe extension. $110-120$ VAC. With $71^{1 / 4}$ combination blade. U.L. Listed. $151 / 2 \mathrm{lbs}$. ${ }_{26} \mathrm{~T} 1433 \mathrm{RX} . \$ \overline{0}$ Monthly.......... 41.95
\$5 monthly


Save \$5.00

With 7 Blades
$\$ 31^{88}$
\$5 monthly

## Price Cut on Two-Speed $1 / 2$-hp "All-Saw"

Model 9090. Was $\$ 36.88$. Fast-cutting $1 / 2$ hp saw does the work of all other types. Cuts wood 6x6's, metal to $12^{\circ}$. pipe to $2^{\circ}$. Makes its own starting hole-cuts straight, curved or angles. Powerful $6-2 \mathrm{mp}$ motor gives 3400 or 2400 one-inch strokes/minute. Fan keeps guide clean. Includes rip fence, circle guide, 7 blades for all types of cutting. U.L. Listed. 115 VAC.
26 T 2373 RX. Wt., 9 lbs. s5 Monthly
31.88

With Three High-Speed Knives

Save ${ }^{\text {s }} 5.00$ $\$ 2<95_{\text {monthly }}^{\$ 5}$

Save ${ }^{3} 5.00$ \& $45 \begin{gathered}\$ 5 \\ \text { monthly }\end{gathered}$

## AMT 4" Jointer-Planer Price Cut

Model 2432. Was 89.95 . Makes accurate glue joints, rabbet cuts to $8 / 8^{\circ}$, taper and bevel cuts. Precision ground table adjusts for cut depth; fence adjusts to $50^{\circ}$. Balanced heads, 3 high-speed knives. Order motor below. $22^{\prime \prime}$ long. 19 lbs . 26 T 1057 RX. 25 Monthly. 26 T 3274 RX. AC Motor. 17 lbs. 26 T 3274 RX. AC Motor. 17 lbs.......... 22.95

## AMT 1-hp $8^{\prime \prime}$ Tilt Arbor Saw

Model 2164. Was $\$_{0} 9.95$. Crosscuts, rips, bevels, mitres; cuts compound angles; makes dadoes, mouldings, coves. Solid-ground $101 / 2 \mathrm{x}$ $13^{\circ}$ cast iron table has 2 precision mitre gauge slots. Cuts to $21 / 4$ " depth; blade tilts to $45^{\circ}$. Motor, blade, rip fence, blade guard. $10^{*}$ extensions. 115 V AC.
26 T 1430 RU. 38 lbs. $\$ 5$ Monthly....... 54.95


Repeat of Sale

## High-Torque Moto-Tool Outfit $\$ 2995$ Complete with 34 Accessories

For its size, it's the fastest, most powerful hand grinder ever built. Permanent magnet 0.8 -amp motor with full-wave rectifier operates at $30,000 \mathrm{rpm}$, no-load. 71/4 " long. With 34 accessories for engraving, polishing, much more. Plastic case. 117 VAC. U.L. Listed. 2 lbs. 26 T 2128 R. 85 Monthly.
. 29.95


Save
85.00

Now Only
$\$ 2750$
\$5 monthly

## Park Heavy-Duty Machinists Chest

- Electrically Welded to Last a Lifetime
- Felt-Lined Drawers - Pin Tumbler Lock

Model 1000. Was 892.50. Stores, protects precision tools. Ten removable drawers, full-suspension slides. Removable, locking front panel. Till in top, $4 \times 20 \times 81 / 2^{\prime \prime} .6$ drawers are $1 \times 85 / 8 \times 71 / 2$. 4 others: $2 \times 85 / 8$ $\times 71 / 2^{\circ} ; 11 / 2 \times 181 / 4 \times 71 / 2^{*} ; 23 / 8 \times 181 / 4 \times 71 /{ }^{\circ}$; $3 \times 181 / 4 \times 71 / 2^{\prime \prime}$. Heavy-gauge steel; brown baked enamel. $171 / 2 \times 20 \times 81 / 2^{\prime \prime} .40 \mathrm{lbs}$. 26 T 2507 RU. 55 Monthly............ 27.50

## EDSAL Workshop Equipment

## AT MONEY-SAVING LOW SALE PRICES



## © Save ${ }^{5} 3$ on $2 \times 5$-Foot Steel-Frame Deluxe Workbench

Was $\$ 19.95$. Full 10 square feet of working space. Supports over 200 lbs per sq.-ft. $1^{\prime \prime}$ No-Mar top and sturdy 1-pc. heavy-gauge welded steel legs. Takes two drawers (not included). Work surface $341 / 2^{\prime \prime}$ from floor. Gray baked enamel steel parts. Knocked down. 26 T 2563 RZ. Shpg. wt., 76 lbs....

## B Price Cut $\$ 3$ on Deluxe 40-Drawer Parts Storage Cabinet

Was 814.95 . Holds every thing from tools to electronic components. Features 32 big $4 \times 11^{\prime \prime}$ and 8 jumbo $8 \times 11^{\prime \prime}$ one-piece drawers of sturdy cor-rugated-board. All-steel frame, $37 \times 36 \times 12^{\circ}$. Knocked down.
26 T 2145 RU. Shpg. wt., 37 lbs.
11.95

## C Sove on All-Steel Storage Racks

Shelves hold 300 lbs ., adjust on $11 / 2^{\prime \prime}$ centers. Rust, corrosion-resistant finish.

| Stock No. | Sheived | HxW×D | Lbe. | Was | NOW |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 T 3262 RU | 4 | $60 \times 30 \times 12^{\prime \prime}$ | 19 | 4.98 | 4.69 |
| 26 T 3263 RU | 5 | $66 \times 30 \times 12^{\prime \prime}$ | 22 | 5.95 | 5.49 |
| 26 T 3256 RU | 5 | $73 \times 36 \times 12^{\prime \prime}$ | 32 | 7.49 | 6.98 |
| 26 T 3257 RU\| | 5 | $73 \times 36 \times 18^{\circ}$ | 41 | 9.49 | 8.49 |

## Extra Shelves

For storage racks at left. 26 T 3264 RX. For $60^{\prime \prime}$ and $66^{\prime \prime}$ units. Wt., 2 lbs. Eo. 1.49 26 T 3258 RX. For $73 \times 36 \times 12^{*}$ unit. Wt., 3 lbs.....Ea. 1.59 26 T 3259 RX. For $73 \times 36 \times 18^{\prime \prime}$ unit. Wt., 6 lbs.....Ea. 1.99


## Hobbyist Air Brush Sprayer-Special Value

Handy, compact-ideal for hundreds of hobby and model uses, ceramics and sign painting. Perfect for shading, silhouetting, stencils and touch-up. Includes compressor with air hose, shading brush with two nozzles, paint storage jars. For 110-120 VAC. Shpg. wt., 6 lbs.
26 T 3639 RX. 85 Monthly.
19.95


Lutron Mark II Power Tool Speed Controls-Save
$5-\mathrm{Amp}$ Speed Confrol. Was 811.95. Electronically varies speed of AC-DC drill, saw, etc. from "off" to full speed. For up to 5 amp universal (AC-DC) and series DC motors only. 900 watts max. load. $115 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$.
26 T 1836 R. Shpg. wt., $11 / 2$ Ibs.
26 T 2434 R. 10 -Amp Speed Control. Was $\$ 17.95 .11 / 2 \mathrm{lbs} . .12 .88$
 Popular Tube and Transistor Tester Gives Single Reading of Tube Quality

$\$ 109^{95}$
$\$ 6$ monthly

## Sencore TC-136 "Mighty Mite IV" Deluxe Tube Tester

$\$ 59^{50}$

\$5 monthly

- Burnoutproof, 100-Megohm Moving Coil Meter
- Low-Voltage Test for Nuvistors and Frame-Grid Tubes

Wus $\$ 7$ "4.50. Famous "Mighty Mite" tube tester, now at a sensational low sale price. Ideal for servicemen, techmicians, and hobbyists. This precision tester is versatile enough for every test requirement: house calls, bench work, even customer self-service. Its rugged all-steel case assures durable long-term performance, and it's designed for fast, easy test setups.
Checks over 2800 tube types: octals, loctals, 7 and 9 -pin miniatures, even 10 -pin types (6U9, $6 \mathrm{~W} 9,6 \mathrm{Y} 9$, etc.) used in color TV sets. Tests nuvistors and frame grid tubes at lower voltage potentials to prevent tube damage. Checks individual elements for inter-element shorts. Deluxe VTVM circuit and $100-m e g o h m$ moving-coil meter tent accurately for gas and grid contamination.
Taut-band meter is burnoutproof and stickproof-eliminates worry about accidental electrical damage. Simplified panel layout and speedy setup books for fast, easy operation. Steel case has detachable front cover, carrying handle. $10 \times 9 \times 31 / 2^{\prime \prime}$. For $110-130 \mathrm{~V}, 60 \mathrm{~Hz}$ AC. 21 T 4403 R. Shpg. wt., 9 lbs. 5 Monthy.
59.50

$\$ 89^{95}$
\$5 monthly

Famous-Name Flat-face Three-inch $2 \mathbf{H z}$ to $500 \mathbf{k H z}$ Oscilloscope

Was $\$ 109.95$. Deluxe $3^{*}$ scope provides traces with clarity and detail equal to many $5^{\prime \prime}$ scopes. Has 1600 -volt accelerating potential; distortionless $V$ and $H$ trace expansion and drift-free $V$ and $H$ positioning. Vertical response: +1 , $-3 \mathrm{~dB}, 20 \mathrm{~Hz}$ to 500 kHz . Horizontal response; $+1,-3$ dB, 2 Hz to 300 kHz . Internal or external sync; automatic sync limiter and amplifier. Retrace blanking. Voltage regulator tube in power supply. Panel intensity and focus controls. $81 / 2 \times 5 \frac{3}{4} \times 111 / 4$ ". Probes below. 115 VAC.
21 T 4550 RU. Shpg. wt., 15 lbs. $\$ 5$ Monthly.
89.95

21 T 4152 R. Demodulator Probe. Shpg, wt, 5 oz........ . . 6.95
21 T 4154 R. Direct Probe. Shpg, wt., 5 oz............... . 4.95
21 T 4156 R. Low-Capacity Probe. Shpg. wt., 5 oz........ 6.95

Was $\$ 189.95$. Versatile tester, now priced so low we can't mention the manufacturer's name. Combines mutual conductance and plate conductance tests into one dynamic test with a peak emission test-gives a single complete reading of overall tube quality. Spots defective transistors with gain test. Checks nuvistors, novars, compactrons, miniatures, subminiatures, octals, loctals, voltage regulators, cold-cathode types, more. Easy-to-read 41/2" meter with $200-\mu \mathrm{V}$ sensitivity. Multi-circuit level switch. Portable case, $4 / \frac{1}{2} \times 15 \times 12^{\prime \prime}$, carrying handle. Hinged cover. Illuminated roll-chart. For $110-130 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$.
21 I 4142 RU. Shpg. wt., 23 lbs . 56 Monthly.
109.95

21 T 4144 R. CRT Adapler. For above. Wt., 1 lb.


B \& K 1245 Portable Color Bar Generator with HV Probe Bonus $\begin{array}{lc}\text { With Bonus } & \text { Alone } \\ \$ 144^{95} & \$ 134^{95}\end{array}$

Save ${ }^{s} 14.95$ only ${ }^{\$} 10$ more Reg. \$24.95 HV Probe Direct-Reads Up to 30 kV

Separately, 8109.90 . For fast, easy convergence and color adjustments. Connects directly to antenna terminals. Has over $5000-\mathrm{mW}$ RF output on TV channels 3, 4,5. Crystal-controlled rainhow color display; dot pattern; crosshateh: horizontal and vertical lines: $2^{3} \times 81 / 4 \times 8^{7} 8^{\prime \prime}$ RF cable. 110-130 VAC. With Bonus. 6 ths. 21 T 0003 L2U. 88 Monthiy.
144.95 21 T 4448 RU. 1245 Alone. Wt., 4 lhs..... 134.95 21 T 4168 R. 30 -kV Probe Alone. Wt., 2 lhs. 24.95

Never
Priced Lower

Limited Quantity

$\$ 69^{50}$



## Sencore TR139 In-Circuit Transistor Tester

Big value! Tests transistors, diodes and rectifiers in- or out-of-circuit. In-circuit tests can be made without disconnecting leads. Measures true beta and $\mathrm{I}_{\text {cbuc }}$ Gives speedy " Go or $\mathrm{No}-\mathrm{Go}$ " indications when checking diodes and rectifiers in circuit. Easy-toread $6^{\circ}$ meter. Ranges: Beta, 2-infinity; $I_{\text {ctoo }}$ $0-5000 \mu \mathrm{~A}$. Leatherette covered steel case with handy carrying handle; brushed chrome-steel panel. $9 \times 71 / 2 \times 6^{\prime \prime}$. With test leads. For 115 VAC .
21 T 4518 R. Shpg. wt., 8 lhs. 50 Monthly.
69.50


Extro-Low 0.6 VDC Ronge for Accurote Transistor Servicing

Precision 50,000 Ohms-per-Volt VOM $\$ 19^{95}$ $\stackrel{\$ 5}{\text { monthly }}$ monthly
Deluxe VOM uses $1 \%$ resistors for high accuracy. 50,000 ohms /volt. DC sensitivity. 15.000 ohms/volt AC. Reads: DC volts: 0-0.6-3-12-60-300-600-$1200-3000$. AC volts: $0-6-30-$ 120-300-1200. DC current: $0-30$ $\mu \mathrm{A}: 0-6-60-600 \mathrm{~mA}$. Ohms: $0-$ 10K, 1-10-100 megs. - 20 to +63 dB . Low-resistance selector switch; easy-to-read scales. Compact case, $6 \times 4 \times 17 / 8$. With leads, batteries. Japan. 24 T 9594 R. Wt.. $11 / \frac{1}{2}$ Ibs. 19.95


B \& K Model 465 CRT Tester/ Rejuvenator with HV Probe Bonus With
Bonus $\$ 9^{95} \begin{gathered}465 \\ \text { Alone }\end{gathered} \$ 89^{95}$
Separately, $\$ 114.90$. Checks color or hack-and-white (:RT's for leakage. shorts, opens, emission. Checks gas content, predicts life, indicates experted pieture tube quality. Handles high $\mathrm{G}_{2}$ and low G2 tubes: $100^{\circ}$ tubes, $19^{\circ}$ and $23^{\prime \prime}$ types, color tubes including $90^{\circ}$ and $23^{\prime \prime}$ 23BG22. Operates CRT's at proper filament. $G_{1}$ and $G$, voltages. 41/2" meter. Leatherette-covered case, $14 \times 8 \times 43 / 4$. 115 VAC. Writh Bonus. 13 lhs.
21 T 0002 L2X. 85 Monthly.
99.95

21 T 4490 RX. 465 Alone. 11 libs...... 89.95
21 T 4168 R. $30-\mathrm{kV}$ Probe Alone. 2 ibs. 2495


## Sencore CG-135 Solid-State

Color Bar/Pattern Generator

$$
\begin{gathered}
\text { Closeout } \\
\text { Priced! }
\end{gathered} \quad \$ 9950 \quad \begin{gathered}
\text { Limited } \\
\text { Quantity }
\end{gathered}
$$

Popular color bar/pattern generator at a low closeout price. Has front-panel gan interrupters; 4.5 MHz sound carriere for precise tuning adjustments; G. E. "Unijunctions' counters. Generates 10 RCA keyed color bars: 14 horizontal and 10 vertical lines; crosshatch pattern: white dot pattern with exclusive dot-size adjustment. RF output on Channel 4 , tunable to Channel 3 or $5 . \pm 2 \mathrm{~V}$ output for Zenith sets. Sturdy metal case, $10 \times 9 \times 31 / 2^{\prime \prime}$. convenient carrying handle. $110-130 \mathrm{~V}, 60$ Hz AC. Shpg. wt. 8 lbs 21 4364. Monthiy.
99.50



Finest Value
We've Ever Offered in a VHF-UHF-FM

Color Antenna!

## $222^{88}$

\$5 monthly

## KNIGHT ${ }^{\text {" "Colorset } 55 " ~}$ VHF-UHF-FM Super-Power Antenna

- Boasts 55 Elemehts for Finest Reception Even in Deep-Fringe Areas
- Massive Double-Size Arrowhead Insulators and Wrap-Around Brackets
- Heavy-Duty Sleeved Elements Are Gold-Corodized for Added Protection

Was ${ }^{\text {s }}$ 4.95. Strong, powerful 3 -in-1 antenna now at an extra-low sale price. Has fifty-five driven elements for movie-clear pictures in color or black-and-white on VHF and UHF TV channels: plus high-quality FM and stereo-FM from up to 90 miles away. Directive design permits more selective pickup, reduces multipath reception (ghosts) so importsut for distortion-free TV. High sensitivity (gain) and flat response provide the finest reception.
Preassembled $160^{\prime \prime}$ twin-boom supports all 55 elements: 30 colinear driven elements for TV channels 7-13; 15 driven elements (no parasitics) for TV channels 14-83: 10 driven elements (no parasitics) for TV channels 2-6 and 88-108 MHz FM broadcast band. Special design defies high winds and wet heavy snow. Goldcorodized finish inside and out to fight rust and corrosion and inaintain handsome appearance. Massive, double-sized arrowhead insulators and wrap-around brackets provide $300 \%$ great.er strength than conventional atennas. One-inch tubular hoom bracing; exclusive boom support and side-sway control.
With VHF-UHF signal splitter for easy hookup-run one downlead from unteuna to your receiver, place splitter behind receiver, then run two short leads from splitter to VHF and UHF aatenna terminals on receiver. Special filter network isolates signals. $300-\mathrm{ohm}$ antenna impedance. Foam-type lead-in recommended. Order mast and installation accessories from Allied Catalog 280. Truck or express. Shpg. wt., $151 / 2 \mathrm{lhs}$.
11 T 2000 ZW. \$5 Monehly.
22.88


## Antenna Rotators with Cable Bonus

## Alliance T-45 Budget-Priced Manual System

Weatherproof rotator with mahoganyplastic control unit. Press control bar, antenna rotates until released. Positive stop prevents overtravel. Rotates $360^{\circ}$ in 60 seconds. ('ontrol unit, $41 / 2 \times 61 / 2 \times 21 / 2^{\prime \prime}$ U.L. Listed. 115 VAC. Wuth Reg. $\$ 3.89$ 100' 5-conductor cable. 11 T 0098 L2W. Shpg. wt., $131 / 2 \mathrm{lbs}$. 23.99

Save ${ }^{5} 3.88$
$\$ 23^{99}$ $\$ 5$ monthly


## CDE AR-22R Slim-Line Automatic System

Automatic rotator has control unit with conupass dial setting that automatically positions antenna in $6^{\circ}$ increments. Rotates $360^{\circ}$ in 45 seconds. Reset switch. Rotator has die-cast bell housing. Control unit, $61 / 4 \times 41 / 4 \times 23 / 6^{\prime \prime} .115$ VAC. With Reg. $\$ 2.99100^{\prime}$ 4-conductor cable.

## Save

 11 T 0400 L2W. Shpg. wt., 18 lbs.... 34.96 \$5 monthly
## CDE AR-33 Automatic Pushbutton System

Deluxe rotator selects up to 5 pre-set stations-simply push button for proper direction. Also has compass dial for additional settings. Solid-state. In-line bell housing. Accurate within $1 \%$. Control unit, $61 / 4 \times 41 / 4 \times 23$ 伯". U.L. Listed. 115 VAC. With Reg. $\$ 9.89$ 100' 5 -conductor cable. 11 T 0099 L2W. Shpg. wt., 19 lhs.
49.96

Save
53.88
${ }^{55} 49^{96}$
55 momeny

BONUS OFFER only 14
more

$100^{\prime}$ Rotator Cable vith Your Choice of Antenna Rotator System. Order at left.

BONUS OFFER

## Door Chimes


only $\$ 1$
more

## Solid-State Intercom Systems



## Emerson Solid-State FM-AM Home Radio/Intercom System with Bonus Door Chimes

| System Alone | $\vdots$ | Save | With Bonus |
| :--- | :---: | :---: | :---: |
| $\$ 99^{95}$ | $\vdots$ | 8.95 | $\$ 100^{95}$ |

Model RM-16. Separately, 8109.90. Now you can have a complete 5 -station FM-AM intercom system with decoratorstyled door chimes for only $\$ 1$ more than the price of the intercom alone! You get FM-AM Master Station; 3 Indoor Remote Stations; Outdoor Remote Station; 165' 3-Wire Interconnecting Cable; plus Door Chimes.
Master has talk/listen switch, system volume control, AM-off-FM switch, vernier tuning dial. Remote stations have talk/listen switch, volume control. Outdoor station is weatherproof. Tuned IRF stage on FM; radio is automatically silenced when intercom is in use. Units flush-mount in walls $2^{\prime \prime}$ or more thick. Master is off-white with gold

## - Brings $A M$ and FM Radio to Every Room in the House <br> - Tuned RF stage on FM Radio for Excellent Reception <br> - Radio is Automotically Silenced When Intercom Is In Use

## Lloyd's 2-Channel Wireless Intercom

- Dependable instant-On Solid-State Circuít
- Plugs Into Any Standard AC Outlet-No Wire Needed

Was 827.95. Link any two rooms that are on the same electric line transformer. Just plug into any standard AC outlet and talk. 4-transistor circuit. Each station has channel selector, press-to-talk bar, on-off switch, volume control, and pilot light. Use on table or mount on wall. Off white on black. $13 / 4 \times 45 / 16 \times 65^{5} 16^{*}$. $110-120 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$. Japan. Shpg. wt., 3 lbs.
12T 8160. 85 Monthly.
25.95

12 T 8159 . Extra Station. Add any number. $1 / 2 \mathrm{lbs}$. Eo. 12.98

trim; remotes are off-white; outdoor remote, gold-anodized aluminum. Door chime has a walnut-finished case with gold trim, and brass-finished resonator tubes. Two notes for the front door; one for the rear.
Up to 4 more remotes may be added, making it a 9 -station system. Master $14 \frac{1}{2} \times 5^{\prime \prime}$; indoor remotes, $73 / 4 \times 4 \frac{1}{2}$; outdoor remote. $33 / 8 \times 58 / 8^{\circ}$. With low-voltage transformer, 4 plaster mounting rings. 115 VAC . Wt., $161 / 2 \mathrm{lbs}$.
12 T 0032 L2X. Intercom with Chime. $\$ 6$ Monthly.... 100.95 12 T 8099 RX. Intercom Alone. Wt., 14 lbs. 85 Monthly. 99.95 12 T 8198 Door Chimes Alone. Wt., $21 / 2$ lbs.
12 T 8199. Extra Indoor Remole. Wt., 2 lbs.
Each 8.95

## Save to 15\% on Typewriters

## Brother Electric Typewriter Outfit

## Save ${ }^{\$} 20.00$ \$13995

Was $\$ 159.95$. Heavy-duty electric typewriter has office-size keyboard; automatic repeat spacirg and special repeat keys:-.... .,. XXX. Copy control for up to 10 clear copies. $10^{\prime \prime}$ carriage, full-length key set tabulator. Twocolor ribbon with pushbutton control for ribbon or stencil change. 88 -character keyboard; line finder; half-line spacer; paper meter; on-off light. All steel. Pica (large) type. With FREE stand, instruction record. $6 \times 14 \times 15 \frac{1}{4}$ ". U.L. Listed. 117 VAC. Japan. Wt., 47 lbs. 10 T 0404 RL2U. sy Monthly
139.95



Save ${ }^{5} 7.49$

## Budget-Priced Student Portable <br> With <br> Case

## ,

## Save ${ }^{\text {s }} 10.49$

## Top-Value Full-Feature Portable With Case <br> $$
\$ 5946
$$ <br> monthly

Was $\$ 69.95$. Feature-packed portable has automatic key-set tab; 88 -character keyboard; clear view paper meter and scale. Touch selector, jam-release key. 1, 11/2, 2-line spacing with halfspacer for formulas. All steel. Pica (large) type. Luggage-style case. Blue, $8 \times 8 \times 16^{\prime \prime}$. Japan. Wt., 19 lbs. 10 T 4311 RU. $\$ 5$ Monthly. . . . . . 59.46

Save ${ }^{\text {s }} 13.49$
Heavy-Duty Home or Office Portable With
Case $\$ 76 \begin{gathered}\text { monthly }\end{gathered}$
Was s89.95. Our best manual. Segment shift; 88-character keyboard; clear-view paper meter; scale. Jamrelease key; variable line spacer; rapid paper advance. Steel. Vacuum molded case, $73 / 4 \times 18 \times 63^{4}$ ". Japan. 23 lbs.
10 T 4308 RU. Elite Type......... . 76.46
10 T 4309 RU. Pica Type. . . . . . . . 76.46
10 T 4310 RU. Script Type. ........ . . 76.46

Repeat of
Sale!

Sharpens An


Standard Pencil


## Electric Pencil Sharpener

Big value! Automatic, electric pencil sharpener, great for home or office. Gives any standard pencil a needlesharp' point in seconds. Heavy-duty motor; precision ground cutter. Diecast metal construction. Transparent shaving receptacle. $8 \times 4 \times 8^{\prime \prime}$. U. L. Listed. 117 VAC. Japan.
10 T 4353 RS. Wt., $33 / 4$ lbs........ 11.86


\$5 monthly

## SCM Portable Electric Adder

Lightweight model, handy aid for home budgets; income taxes; student use. Fast, smooth one-handed operation. Adds 7 columns ( $99,999.99$ ), totals 8 ( $999,999.99$ ). Snap-on keyboard cover. Retracting handle. Green/ White finish. $7 \times 9 \times 13^{\prime \prime}$. Detachable cord. $110-120 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC} .101 / 2 \mathrm{lbs}$. 10 T 4305 RX. $\$ 5$ Monthly. ..... 69.95


## SCM Heavy-Duty Electric Adder

Was $\$ 109.95$. For home or office. Adds, subtracts, multiplies 8 columns (999,999.99), totals 9 columns ( 9 , 999,999.99). Lightning-fast key response; correction key; simplified tape feed system. Steel case holds extra tape (not included). Gray. $53 / 4 \times 8 \times 12^{\prime \prime}$. Detachable $9^{\prime}$ cord. $117 \mathrm{VAC} .141 / 2 \mathrm{lbs}$. 10 T 4787 RU. $\$ 6$ Monthly. .... 104.95

## Lowast Price Ever!

Anscovision 688 Dual 8 Projector Shows Regular, Super 8 Movies


## $\$ 94^{50}$

## Save ${ }^{3} 20.45$

$\$ 5$ monthly
Was $\$ 114.95$. Easy-to-use Ansco projector shows both Super 8 and regular 8 mm films. Convenient automatic sprocketless reel-toreel threading with exclusive "AdjustoMatic" film takeup control. Sharp f/1.5 zoom lens. Slow motion control slows film down to 6 frames-per-second. Has forward, reverse, still and fast forward operation. Automatic room light outlet. Self-contained case with handy carrying handle. $400^{\prime}$ film capacity. With $400^{\prime}$ takeup reel. For 117 VÁC. From Japan. Shpg. wt., 14 lbs.
10 T 4855 U. $\$ 5$ Monthly.

## 35mm Slide Projectors



Save $\$ 5.00$<br>$\$ 54^{95}$<br>$\$ 5$ monthly

## Remote Control Model 135

Was $859.9 \overline{9}$. Our best-selling slide projector. Boasts "most-wanted" features at lowest possible price. Remote controls for forward, reverse, focusing. $4^{\prime \prime}$ three-element lens. Panel controls for elevation, focus. 500 -watt lamp. Efficient cooling system. Jamproof changer handles $2 \times 2^{\prime \prime}$ slides. With 100-slide magazine. Uses Airequipt metal or plastic trays, plus stacker 115 VAC. $10 \mathrm{~T} 4811 \mathrm{RU} .121 / 2 \mathrm{lbs} .$.
54.95
$\underset{\$ 5.00}{\$ 9} \quad \underset{\text { S5 montliy }}{9495}$

## Electronic Focusing 350/EF

Was $\$ 99.95$. Focus the first slide by remote control-all others focus automatically in $1 / 40$ th second. Remote controlled forward and reverse slide changing. Long-lasting $500-$ watt "Luminac' lamp. Thumb control for elevation and leveling leg. Panel focusing control. $4^{n \prime 2}$ f/3.5 lens. Enclosed exhaust system. Uses metal or plastic trays, plus stacker (below). 115 VAC .
10 T 4751 RU. 14 lhs....... 94.95

## Airequipt Slide Projector Accessories

[B] 10 T 4435 RS. Sound Synchronizer. For 350 /EF only. Slides change to sound track. For stereo recorder. Cable, adapter. 6 oz .
24.95

10 T 4827 RS. 36 -Slide Metal Magazine. $1 / 2$ lb. 1.69
10 T 4828 RS. 36-Slide Plastic Magazine. $1 / 2$ lb. 1.39
10 T 4812 RS. 40-Slide Metal Stacker Tray. $1 / 2$ lb. 8.95
10 T 4912 RS. 100 -Slide Round Magazine. $1 / 2$ lb. 2.69



Model DP-909. Was \$129.95. Fully automatic projector shows both Super 8 or regular 8 mm movies. Just insert end of film into gate, projector turns itself on, turns room lamp off. Self-threading. Shuts off at end of movie. $f / 1.3$ zoom lens. Variable forward, reverse speeds; still projection. Film trimmer. $400^{\prime}$ capacity. 117 VAC. 20 lbs.
10 T 4736 RU. \$6 Monthly.
119.95


Was \$169.95. Our best projector! Set selector to show Super 8 or regular 8 mm films. Automatic threading reel-to-reel. Dial focusing. Variable projection speed with slow motion. f/1.2 zoom lens. Dual 8 film cutter. With 3 Super-8 reel adapters, $400^{\prime}$ takeup reel. 117 VAC. 17 lbs.
10 T 4742 RU. $\$ 9$ Monthly.
164.95

10 T 4749 RS. Extro DLH Projection Lamp. 6 oz.. . . 6.25

# Polaroid Cameras, Super 8 Movie Outfit 



## Polaroid 250 17-Piece Color-Pack Outfit $\$ 1595$ Super-Deluxe Color-Pack

 Camera has Zeiss-Ikon range/viewfinder, four exposure ranges, triplet lens, automatic exposure. Also: Case; Flash; Color Film Pack; 12 Flashbulbs; 90-Photo Album. 10 T 0106 L2RS. Wt., $61 / 2$ lbs. $\$ 8$ Monthly............. 153.95 10 T 4824 RS. Comera Alone. Wt., 3 lbs................ 129.88 10 T 4859 RS. 583 A Closo Up Kit. For 250 only. 6 oz... 10.95 10 T 4704 RS. 581 A Portrait Kit. For 250 only. 6 oz..... 10.95

Polaroid 230 17-Piece Color Pack Outfit $\$ 1595 \begin{array}{cc}\text { \$6 } & \text { Complete Picture-Taking } \\ \text { monthly } & \text { Outfit with Print Copier }\end{array}$

Expensive features, moderate price. Camera has triplet lens, folding range/viewfinder, automatic exposure. Outfit includes: Camera; Case; Flash; Color Film Pack; 12 Flashbulbs; Print Copier. Wt., 6 lbs.
10 T 0350 L2S. 86 Monthly.
115.95

10 T 4826 RS. Camera Alone. Wt., 3 lbs. . . . . . . . . . . . . . 99.50
10 T 4733 RS. 581 Portrait Kit. For 230 only. 6 oz......... 9.95

## Film and Accessories for Polaroid

10 T 4928 RS. Print Copier. Make color or B\&W duplicates with your Polaroid. 1 lb.............. 7.95
10 T 4882 RS. Carryall Case. $11 / 2$ lbs.. .10 .95
10 T 4883 RS. Development Timer. 4 oz . 8.95

10 T 4884 RS. Self-Timer. 4 oz..................... . . 4.95 10 T 4909 RS, Flash Attachment. For 100 and $200-$ Series Cameras. Uses M-3 Bulbs. $11 / 2$ lbs....... 6.95 10 T 4903 RS. M-3 Flashbulbs. 12 oz...... Pkg. 12/1.59 1074885 RS. Cloud Filter. Not for Models 210, 220, or Swingers. 7 oz . 2209
10 T 4886 RS. Cable Release. 4 oz................... 1.95
10 T 4879 RS. Type 107 \& \& W Film. 8 exp. 6 oz.. 2.29 10 T 4880 RS. Type 108 Color Film. 8 exp. 6 oz... 4.50 10 T 4784 RS. Photo Album. Holds up to $9031 / 4 \times 41 / 4$ photos in clear windows. 1 lb . .4 .95
ACCESSORY LENSES. For Polaroid Models, 100, 101, 103, 230, 240 and 250. From Japan.
10 T 4708 RS. Telephoto Lens. 2 X magnification. With viewfinder, leather case. $1 \mathrm{lb} .$. . 10 T 4709 RS. Wide-Angle Lens. Increases covera $75 \%$. With viewfinder, leather case. $1 \mathrm{lb} . \mathrm{H}_{\mathrm{t}} . .19 .95$ 10 T 4854 RS. Wide-Angle/Telephoto Lens Outfit. Separately, 899.90. Includes both lenses listed above with dual viewfinder, case. 2 lbs......... 34.95


## Polaroid 210 16-Piece Color-Pack Outfit

Our lowest priced Color-Pack outfit. Model 210 camera has a molded plastic body and shutter housing. Duplet lens. Exposure is set automatically, even for flash. Has non-folding range, viewfinder, corrects for field size and has image sizer. Outfit includes: Camera; Case; Flash Attachment; One Color Film Pack; 12 Flashbulbs. Shpg. wt., 6 lbss.
10 T 0083 L2S. $\$ 5$ Monthly.
67.95

10 T 4830 RS. Comera Alone. Shpg. wt., 3 lbs.
49.95

## Super 8 Movie Outfit Features 5-to-1 Power Zoom Camera and Zoom Dual 8 Projector

Separalely. 2:17.80. Camera has f/1.8 5:1 power zoom lens, thru-lens CdS eye, reflex viewing, pistol grip. 18, 32 fps. Cartridge loading, battery film drive. Projector shows both Super and regular 8 mm , has zoom lens, automatic threading. Forward, reverse, still projection. $400^{\prime}$ takeup reel. Complete with $30 \times 40^{\circ}$ tripod screen. Accessory pkg.: camera oase; sealed beam movie light; 1 Super 8 reel, can; splicer; film cartridge; 4 alkaline batteries. Japan. Wt., 30 lhs.
10 T 0355 L2U. 810 Monthly......... 189.80 10 T 5036 S. Camera Alone. $4 \mathrm{lbs} . . . .99 .95$ 10 T 5042 U. Projector Alone. 12 lbs... 89.95 10 T 4436 RU. Screen Alone. $7 \frac{1}{2}$ lbe... 7.95 10 T 5041 U. Access. Pkg. 9 lbe........ 19.95


# Special Values in Photographic Equipment 



Telephoto
and Wide-Angle Lens Outint

## Save Mamiyo 528TL $\mathbf{3 5 m m}$ SLR Outfit

Camera and case, aux. telephoto and wide angle lens set and case. Camera has $\mathrm{f} / 2.8$ lens, thru-lens spot meter. $1 / 500-1 / 15$ sec. Japan. $41 / 2$ lbs. 10 T 5040 S. 56 Monthly. ....... 109.90 10 T 4869 RS. Camera Alone. 3 libs. 94.95 10 T 5037 S. Lens Outflt Alone. Shpg. wt., $1 \frac{1}{2}$ lbs. $\$ 5$ Monthly........ 29.95


## Save <br> ${ }^{\text {s }} 10.00$ $\$ 209^{95}$

\$11 monthly

## Yashica TL Super f/1.4 35mm SLR

Was 1919.95. Yashica's finest SLR. Dual CdS sensors read exposure thru stopped down lens. Super fast f/1.4 lens in universal thread mount. Mirror lockup. 1-1/1000 second, plus B. Self-timer. FP/X syac. "Hot" accessory shoe. Case. Japan. 5 lbs. 10 T 4462 RS. s11 Monthly.

Save
${ }^{\$} 18.00$
$\$ 179^{90}$
Separately,
$\$ 197.90$
Camera, case, 135 mm f/2.8 preset tel-
ephoto lens. $\mathrm{f} / 2$ normal lens in screw
mt . Thru-lens meter. $1 / 2-1 / 500$ sec.
10 T 5038 S. Japan. 5 ibs........ 179.90
10 T 4782 RS. Camera and Case Alone.
Shpg. wt., 3 lbs................. 157.95
10 T 5039 S . Telephoto Lens Alone.
Shpg. wt., 1 lb .
39.95


## Miranda Sensorex 35 mm SLR Camera

Thru-lens CdS meter reads spot indicated in viewfind-er-you just match needles for precise exposure setting. 50 mm f/ 1.9 lens focuses close as $17^{\circ}$. Bayonet lens mount for automatic lenses, inside screw mount for preset types. Interchangeable viewfinder. Microprism focusing grid. $1-1 / 1000 \mathrm{sec}, \mathrm{B}, \mathrm{FP}, \mathrm{X}$ sync. ASA 25-1600. Self-timer. Case. Japan. 10 T 4806 S . Wt., 5 lbs . \$11 Monthly..
209.95


Mounts Vertically or Horizontally

## Low-Priced Electronic Flash

Save ${ }^{5} 4.00$
 $\$ 19.95$

Versatile flash operates on 4 penlight cells or 117 VAC. Neon redilite. $1 / 1000$ sec. flash. Color temp., $6000^{\circ}$ K. For cameras with X-fash sync. Order batteries below. From Japan. 10 T 4915 S. Wt., 1 lb............. 15.95 18 T 5426 R. Batteries. 4 oz. Pkg. 4/1.31


Includes all you need to make quality prints to $8 \times 10^{\circ}$. With condenser enlarger, 35 mm neg. carrier, lens, safe light, $3-8 \times 10^{\prime \prime}$ trays, 2 print tongs, film tank, thermometer, 2 film clips, easel, instructions. Less $\$ 211$ enlarger bulb, below. Japan.
10 T 4757 RU. Wt., 26 lbs. 85 Monthly. ......... . . 77.50
10 T 4622 RS. 211 Bulb. 3 oz .
80

## Save to ${ }^{530}$ on Telex-Phonola Solid-State Stereos



## Our Best Portable Stereo FM-AM-Phono

Unique design-phono swivels, plays horizontally; stereo FM-AM radio operates in 3 positions. AFC. 40 -watt peak music power output. 4-speed changer with diamond stylus, $45-\mathrm{rpm}$ spindle. Speaker enclosures each have $8^{\prime \prime}$ woofer, $4^{\prime \prime}$ tweeter; separate to $24^{\prime}$, close to form cover. Walnut finish. Phono/radio, $14 \times 22^{1 / 47^{\circ}}$. Speakers, $14 \times 11 \times 41 / 4$ ". U.L. 120 VAC. 10 T 4040 RU . Wt., 45 lbs . 89 Mionthly . . . 169.95


## Quality Portable Stereo Phomo

Deluxe 4 -speed changer has low-mass tubular pickup arm and diamond stylus. Automatic intermix, shutoff. $45-\mathrm{rpm}$ spindle. Two $8^{77}$ speakers mounted in detachable wing enclosures each have $12^{\prime}$ of cable for wide separation. Dual volume, individual bass and treble, balance controls. Vinylette covered wood cabinet. $141 / 2^{x}$ 29 (open) $10^{1 / 4^{\circ}}$ U.L. Listed. For 117 VAC.
10 T 4009 RU. WUt., 37 lbs. $\$ 5$ Monthly.... . 84.95


## Stereo FM-AM-Phono Console with Six Speokers

- Modern Solid-State Circuit Delivers Outstanding Stereo FM-AM
- 4-Speed Automatic Phono has Low-Mass Arm and Diamond Stylus

Features beautiful Danish Modern styling with louvered speaker enclosures. Pulls in static-free stereo FM, plus standard AM. 4-speed automatic record changer with tubular arm and $11^{\prime \prime}$ turntable. Diamond stylus, $45-\mathrm{rpm}$ spindle. Two $8^{\prime \prime}$ woofers, two $4^{\prime \prime}$ midrange units, two $31 / 2^{\prime \prime}$ tweeters. Output jacks for ext. speakers, input jacks for tape recorder. FM local/distance switch. Walnut veneers. Record storage space. $26 \frac{3}{3} \times 50 \times 16 \frac{1}{4}$. U.L. Listed. 117 VAC. Express from Rochester, Minn. 75 lbs.
10 T 4593 ZF. No C.O.D. Orders. \$10 Monthly.
189.95


## Drumatically Styled Four-Speed Stereo Phono

- Powerful 40-Watt Peak Power Output - Modern Functional Styling
- Datachable Speaker Systems Separote Up to $24^{\prime}$ for Excling Stereo

Looks like a handsome cabinet when closed-open, the changer and amplifier swing out for use. Detachable speakers separate up to $24^{\prime}$. Each enclosure contains $8^{\prime \prime}$ woofer and $4^{\prime \prime}$ tweeter. Precision 4 -speed changer has low-mass tubular pickup arm, diamond stylus, automatic shutoff, intermix. With $45-\mathrm{rpm}$ spindle. $40-$ watt peak power output. Dual loudness, individual bass, treble, balance. Wainut-grained vinyl-covered wood. Phono, 14x22x71/4". Speakers, $14 \times 11 \times 41^{\prime}$. U.L. Listed. 117 VAC. Wt., 48 lbs. 10 T 4004 RU . 50 Monihly .

## Save $\$ 20.00$

Was $\$ 39.95$

## 15" Musical Instrument Speaker

- Quality Replacement Speaker with 75-Watt Peak Music Power - Heary-Gauge Reinforced Steel Chassis Construction for Rugged Use Modef MS-15D. Magnificent $15^{*}$ speaker delivers the big, bold sound needed for today's music. Full, rich tonal quality-perfect for electric organ or bass guitar. Heavy-duty speaker has steel reinforced chassis for strength and rigidity. Massive $65 / 8-1 \mathrm{lb}$. barium-ferrite magnet structure. Oversize voice coil absorbs heat of transient peaks. Rubberized cone edges for smooth response and long life. Capacity, 75 watts peak music power. 8 ohms. Mtg. depth, $61 / 2^{\prime \prime}$. Shpg. wt., $121 / 4 \mathrm{lbs}$. 16 T 3156 RX. $\$ 5$ Monihly.
19.95



## Utah Musical Instrument Sound Column

Model MC-10. Take advantage of our $\$ 10.00$ price cut to own this outstanding musical instrument sound column. Durable $34^{\prime \prime}$ panels covered in handsome charcoal vinyl. Steel reinforcements on all corners.
Features four $10^{*}$ speakers with 10-oz. magnets. Sound column handles 80 watts peak power for exciting sound. 8 ohms. $433 / 8 \times 131 / 4 \times 7^{\prime \prime}$. With vi-bration-free, henvy-duty carrying handle, 52 lbs .
16T 3568 RZ. 55 Monthly 49.95


## Utah 12" Musical Instrument Speaker

- For Organ, Guitar, Bass, Accordion, Other Instruments
- Oversize Coil and Rubberized Cone Edges Extend Life

Model MS-12C. Excellent speaker for all musical instruments. Boasts heavy-duty construction for long life. Powerful $6 \% / 8 \mathrm{lb}$. magnet structure. Rubberized cone edges smooth response. Delivers the full-bodied sound that today's instruments were designed to produce. Internal dust seal. $12^{\prime \prime}$ speaker handles 50 watts peak power. 8 ohms. Mtg. depth, $51 / 16$ ". 16 T 3153 RX. Shpg. wt., 9 lbs...
11.25

## Save Up to s40 on Guitar Outfits, Accessories

Price Slashed on Guitar Outfit with Case, 10-Watt * Amp
Save ${ }^{5} 40.00$ $\$ 99^{90}$ $\$ 5$ monthly

- Solid-State Tremolo Amp
- 4-Pickup Solid-Body Guitor - Tarsion-Bar Vibrato

Separately. \$139.90: Solidbody guitar boasts 4 pickups, torsion-bar vibrato, adj. steel-reinforced neck. 8 -way bridge. Volume, tone controls. Rosewood fingerboard, pick guard. Red sunburst. $40 / \frac{1}{2} \times 14 \times 13 / 4^{\prime \prime}$. With carrying case.
Solid-state 10 -watt* amp has $8^{\prime \prime}$ speaker; speed, volume, tone, modulation controls. 2 tremelo, 1 mike input; foot switch jack. $71 / 2 \times 15$ 5/8×157/8". With strap, cable, inst. book, record, chord chart. 117 VAC. Japan. 30 lbs. 10 T 0101 RL2U
99.90


Save on Acoustic Guitar Outfit with Case, 10-Waff* Amp
Save ${ }^{5} 30.00$ $\$ 79^{90}$ $\$ 5$ monthly

- Hollow-Body Guitar
- Twa Adjustable Pickups
- Solid-Stote Amplifier

Separately, \$109.90. Hollowbody acoustic electric guitar features 2 adjustable pickups and adjustable steelreinforced laminated Canadian maple rieck. Torsionbar vibrato. Volume, tone controls. Overall size: $39 x$ $15 \times 1 \frac{1}{2} 2^{\prime \prime}$. Complete with deluxe guitar case.
Solid-state 10 -watt peak ${ }^{*}$ music power amplifier has $8^{\prime \prime}$ speaker, top-mounted volume, tone controls. 3 inputs $15 \frac{5}{8} \times 157 / 8^{7} 7^{1 / 2}$. With neck st rap, cable, inst. book, record, chord chart. For 117 VAC. From Japan. Shpg. wt. 30 lbs.
10 T 0103 RL2U. .... 79.90


## ( B Reverb Unit and Fuzz Box Offer Saue $\$ 8.98$

Solid-state reverb for instrument or PA amps (not for hi-fi) has 2 inputs, 1 output jack. Reverb delay control. Foot switch jack. $31 / 2 \times 15 \times 5^{\prime \prime}$. 115 VAC. All metal fuzz box has volume, attack control; foot switch. 3 transistors. Cable, battery. $58 / 4^{\prime \prime}$ dia.
1010108 L2S. Japan. 8 lbs. 55 Monihly. . . . . . 35.92
10 T 4629 RS. Reverb Unit. (Fig. A). 61 lbs.
10 T 4580 RS. Fuzz Box. (Fig. B). 2 lbs............... 14.95
18 r' 5980 R. Extro 9 -V Battery. (Uses 1.) 3 ox..... $2 / 591$


## © 35-Watt Piggyback Amp, Two 10" Speakers

W'as 879.95 . Smart styling and versatility plus $\$ 10.00$ savings make this a great value. Delivers crisp, clean 35 -watt peak music power output. Ideal for the rhythm guitar or any electronic instruments in your combo. Fentures built-in tremelo and reverberation. Three instrument inputs. Has volume, bass, treble and depth controls. Foot switch jack, onoff switch, pilot light. Amplifier, $4 \times 15 \times 5 \frac{3}{4}$. Two wide-range $10^{\circ}$ speakers in sturdy $26 \times 15 \times 8^{\circ}$ enclosure. 117 VAC. 10 T 4692 RU. Japan. Shpg. wt., 30 lbs. \$ō Monthly.
69.95

## © Powerful 80-Watt* Piggyback Bass Amplifier

Was $\$ 179.95$. For that bold, powerful bass beat that's an integral part of today's sound, this is the amplifier you must have! Delivers 80-watt peak music power to two big $12^{\prime \prime}$ speakers. Specially designed for undistorted bass at full output. Ideal for electric organ or bass guitar. Features 3 inputs, volume and tone controls, anti-hum switch, power switch, pilot light. Amp, $81 / 2 \times 18 \times 91 / 2^{\prime \prime}$. Speaker enclosure, $32 \times 18 \times 91 / 2^{\text {" }}$, 117 VAC. Japan. Shpg. wt., foo lbs.
10 T 4764 RZ. 88 Monthly.
149.95




## SHARP Battery/AC Portable TV 9 " Picture Measared Diagonally

Truly portable solid-state TV goes anywhereplays on 117 VAC, 12 -volt car battery or rechargeable battery (below). Easy to carry . weighs only 13.2 lbs . Built-in battery charger. You enjoy brilliant VHF and UHF pictures on 38 sq. in. viewing area. Snap-on sun screen prevents glare outdoors. Solid-state circuit with AGC and AFC for movie-clear, stable pictures. Front speaker; telescoping VHF, loop UHF antennas. Attractive walnut finish. Size, $81 / 2 x$ $135 / 8 \times 101 / 4^{\prime}$. With earphone, sun screen. Order car cord, battery below. U.L. Listed. From Japan. Shpg. wt., 21 lbs. 10 T 0121 L2U. 85 Monthly.
89.90

10 T 4330 RS. 12 VDC Car Cord. 1 lb .
.5 .95
18 T 5858 R. Rechargeable Battery. 6 lbs. .
10.62


Save $\$ 15.00$


Was $\$ 279.95$

## SHARP Color Portable <br> $14^{\prime \prime}$ Picture Measured Diagonally

 Luxurious, compact color portable has 19,000 volt picture power for brilliant pictures on 102 sq . in. viewing area. Keyed AGC, 3 IF stages, AFC for rich, steady color. Automatic color purifier. Front speaker.Pre-set VHF fine-tuning: VHF channel window; sliderule UHF tuning. VHFUHF antennas. Walnut-grain vinyl. $141 / 2 \times 205 \times 161 /{ }^{\circ}$. U.L. Listed. 117 VAC. Japan.Shpg. wt., 61 lbs. $10 广 4071 \mathrm{Rz}$.
264.95

## Portable Black-and-White Television Sets - Great Values!



Save $\$ 10.00$

## Big-Screen Portable TV 19" Picture Measured Diagonally

Movie-elear pictures! Big 184 sq. in. viewing area. Silicon-transistor $2-$ speed UHF tuner. AGC, 3 framegrid IF tubes. 19,000 volt picture power. Bonded tube. Fold-away handle; oval speaker. Dipole VHF, loop UHF antennas. $161 / 4 \times 221 / 8 \times 135 / 8^{*}$. U.L. Listed. 117 VAC.

10 T 4067 RU. Japan. 40 lbs... 99.95


Save
$\$ 10.00$$\$ 85$
Was $\$ 94.50$

\$5 monthly

## Slim-Styled Portable TV $16^{\prime \prime}$ Pictere Measured Diagonally

Fine, family portable offers 141 sq. in. viewing area. AGC and AFC circuits assure excellent picture quality. 15,000 volt picture power. Front speaker. Telescoping VHF, loop UHF antennas. $141 / 4 \times 193 / 8 \times 123 / 8$ " With earphone. U.L. Listed. 117 VAC. From Japan. 33 lbs. 10 T 4060 RU. $\$ 5$ Monthly.

\$6995
\$5 monthly
Our Lowest Priced Portable

## Compact Personal Portable TV <br> $y^{*}$ Picture Measured Diagonally

Compact, low-profile portable has 38 sq. in. viewing area. Features upfront integrated control panel for all-channel VHF-UHF tuning. "Set and forget" VHF tuning adjustment. Front speaker. VHF, UHF antennas. $91 / 2 \times 133 / 4 \times 101 / 2^{\prime \prime}$. For 117 VAC. From Japan. 15 lbs.
10 T 4085 RX. \& 5 Monthly. . . 69.95

## Lowest Price Ever

Three-Piece Stereo FM-AM Radio Save ${ }^{55} .00$

## $\$ 94^{50}$

\$5 monthly

- Speaker Systems Each Have $61 / 2^{\prime \prime}$ Woofer, $2^{\prime \prime}$ Tweater
- Tape and Phono Jacks
- Stereo Headphone Jack
- Oiled Walnut Finish


## ALLEED 2690 Solid-State Stereo FM-AM Radio

Was $\$ 99.50$. Popular ensemble at our lowest price ever! Solid-state stereo radio delivers 25 watts of peak music power to two speaker systems, each with $61 / 2^{\prime \prime}$ woofer and $2^{\prime \prime}$ tweeter. Speakers separate up to 14 feet. Lighted slide-rule dial, stereo indicator light. Volume, balance, ganged bass and treble controls. Pushbuttons for on-off and AFC. Five-position switch selects AM, FM, stereo FM, phono, auxiliary. Inputs for ceramic phono and aux. (tape). Stereo headphone jack. Recording outputs. Built-in AM, FM antennas with terminals for external antennas. 21 transistors, 17 diodes, 4 thermistors. Oiled walnut wood cabinets. Receiver, $43 / 8 \times 163 / 8 \times 97 / 8^{\prime \prime}$. Speaker systems, each $13 \times 81 / 4 \times 712^{\circ}$. 117 VAC. Japan. Shpg. wt., 34 lbs . 10T4268 RU. \$55 Monthly. ..................................................... . . . 94.50

## ALLIED 2690 Stereo FM-AM Radio with Four-Speed Mini-Changer

## Save ${ }^{s} 20.00$ $\$ 119^{45}$ $\$ 6$ monthly

Separately, Was \$139.45. Includes the 2690 listed above plus the BSR 4-Speed Stereo Mini-Changer with Cartridge, Base, and Dust Cover. Has low-mass tubular pickup arm. Detachable spindle. Automatic shutoff. Ceramic stereo flipover cartridge with synthetic sapphire styli. $12 \times 81 / 2^{*}$. Optional 45 -rpm automatic spindle below. For 115 VAC. MiniChanger from England. 42 lbs . 10 T 0040 D 2 U . \&5 Monthly...... . 119.45 10 T 4712 RX. Mini-Changer Alone. Shpg. wt., 8 lbs. $\$ 5$ Monthly............... 39.95 10 T 4703 RS. 45 -rpm Spindle. 6 oz.... 1.95



AM-VHF Police/Public Service Band* Radio

## Five-Band Battery/AC Portable

\$5 monthly
Our best AM-VHF portable tunes standard AM plus $148-174 \mathrm{MHz}$ VHF Police/Public Service Band. You hear police, fire and emergency calls; business and public service communications. Operates on batteries or AC (with self-storing, cord). Large slide-rule dial. AFC prevents drift. 31/2" speaker. Built-in AM, telescoping VHF antennas. Handsome black leatherette case. $51 / 4 \times 9 \times 3$ ". With 4 "C" batteries and earphone. From Japan. Shpg. wt., 4 lhw.
10 T 4031 RS. 85 Monthly.
26.88

18 T 5078 R. Extra "C" Batteries. Wt., 6 oz...
2/33 4


## 5-Band Battery/AC Portable

Solid-state 5 -band portable tunes boch VHF Police/Public Service Bands- $30-50 \mathrm{MHz}$ and $146-175$ MHz -for emergency calls, industrial radio. Tunes FM, AM and $6-18 \mathrm{MHz}$ shortwave, too. 18 transistors. Momentary dial light. Operates anywhere on 4 " C " batteries or 117 VAC. Telescoping $371 / 2^{\prime \prime}$ antenna. Leatherette case. die-cast front. $10 \times 6 \frac{1}{2} \times 33^{3} 4^{\prime \prime}$. Batteries, earphone. Japan. 10 T 4409 RS. 8 lhs.
54.95


## Compact AM-VHF Portable

Listen in on police, fire, emergeney and business radio with this compact portable. Covers 148-174 MHz VHF plus AM. Vernier slide-rule tuning. AGC for steady reception. $21 / 2 \times 31 / 2^{\prime \prime}$ speaker. Ferrite AM, telescoping VHF antennas. $41 / 2 \times 71 / x^{2} 21 / 4^{\circ}$. With 4 "AA" batteries, earphone. Order AC adapter below. From Japan. 2 lbs.
10 T4560 S. 85 Mumthly. . 22.95 10T4561 S. AC Adapter. 6 oz. 3.95


## Lowest-Priced AM-VHF Rodio

Pocket portable tunes 149-173 MHz VHF Police/Public Service Band for police, fire, emergency and business calls; plus local AM stations. Boasts efficient silicon transistor circuit. Slide-rule dial. Built-in AM, telescoping VHF antennas. $5 \times 3 \times 13 / 4$. With ninevolt battery and carrying strap. Order AC adapter below. From Taiwan. $11 / 2 \mathrm{lbs}$.
10 T 4769 S
15.95

10 T 4770 S. AC Adapler. 10 oz. 2.95


Includes Adapter
for 117 VAC

## 6-Band Shortwave Portable

Save<br>\$6.00<br>$\$ 50^{90}$<br>$\$ 5$ monthly

Was 856.90. Deluxe portable covers FM, AM, $150-400 \mathrm{kHz}$ LW, 1.8-4.2 MHz marine, and two SW bands-$3.8-10.2 \mathrm{MHz}$ and $9.8-18.2 \mathrm{MHz}$. Vernier tuning, electronic bandsspread. $4 \times 6$ " speaker, tone control. night-light. AM, telescoping FM antennas. $8 \times 12 \times 5$ ". With 6 " $D$ " batteries, earphone and 117 VAC adapter. Japan. 10 Jbs.
10 t $4063 \times$. 85 Monthly. . . . 50.90


FM-AM-VHF/Police* Radio $\$ 2188$
\$5 monthly
Covers FM, AM and 146-174 MHz VHF Police/Public Service

Closeout-she now! Compact FM-AM-Police/Public Service Band portable boasts lRF stage for good reception; AFC; $23 / 4$ " speaker; ferrite AM, telescoping FM-VHF antennas. $7 \times 5 \times 23 / 4$ ". With 4 "AA" batteries, earphone, case. Optional AC adapter below. Japan. 3 lbs. 10 T 4099 S . 8 F Monlhly. .
21.88

10 T 4053 RS. AC Adapt. 6 oz. . 2.95
18 T 5083 R. Extra Batts. 6 oz $2 / 27$ \%

## 7-Band Battery/AC Portable

Wras \$109.85, Deluxe 7-band solidstate portable operates on 0 " $D$ " batteries or 117 VAC with self-storing cord. Features vernier tuning with momentary dial light; fine-tuning; tone switch; $4^{\prime \prime}$ speaker; ferrite AMmarine, teleacoping FM-SW-VHF antennas. 21 transistors. Detachable swivel base. Handsome styling with chromed diecast trim, plastic leatherette covered case. $118 / 4 \times 7 \times 4 /{ }^{\prime \prime}$. With hatteries, earphone. From Japan. Shpg. wt., 12 lbs. 10 T 4822 U. s. Monthiy...... 99.95

-2.in


## FM-AM Car/Home/Portable

Wras $\$ 4.95$. Versatile portable plays on 6 or 12 VDC in car, 4 "D" batteries or 117 VAC. Lockable mounting bracket and car antenna jack for use in car. Ferrite AM. telescoping FM antennas. AFC prevents FM drift. Pushbutton tone control. 4" speaker. 12 transistors. Wood-grain finish panel, removable swivel handle. With mtg. bracket, batteries, AC cord, earphone. $63 / 8 \times 9 \times 21 / 2^{\prime \prime}$. Japan. Shpg. wt.. 6 lbs.
10 T 4153 RS , $\$ 5 \mathrm{Month} / \mathrm{y} \ldots 41.95$


Tunes FM, AM, Police/Public Service Bands*
$\$ 49^{95}$

## 4-Band Battery/AC Radio

Solid-state 4-band portable tunes both VHF Police/Public Service bands- $30-50 \mathrm{MHz}$ and 146-175 MHz-plus FM and AM. Operates on 4 "C" batteries or self-storing 117 V AC cord. Slide-rule dial. Teleacoping FM-VHF, ferrite AM antennas, 15 transistors. Leatherette case, $61 / 2 \times 10 \times 3 \frac{1}{4}$. With butteries and earphone. Japan. Shpg. wt., $51 / 2$ lbs.
10 T 4850 S. 5.5 Monthly 49.95

$\$ 5$ monthly



## 3-Band Battery/AC Portable

Value-priced solid-state portable pulls in exciting 147-175 M Hz VHF Police/Public Service band plus FM and AM. AFC assures driftfree FM. Slide-rule dial. $3^{\prime \prime}$ speaker. Ferrite AM, telescoping FM-VHF antennas. Tone control. 12 transistors. Operates on 4 " C " batteries or 117 VAC using self-storing cord. Leatherette case, $61 / 4 \times 9 \times 3$ ". With batteries, earphone. From Japan. Wit., 41/2 lhs.
10 T' 4897 S. 55 Monthly.... 36.95

## Exciting Values in Stereo FM-AM Radios, Stereo Outfit, FM-AM Clock-Radio



## Stereo FM-AM Clock-Radio in Wood Cabinets <br>  <br> - All-Wood Walnut-Veneer Cabinets <br> - Full-Feature Telechron Clock <br> \$5 monthly <br> - Great for Bedroom or Kitchen

Our finest solid-state clock-radio tunes sterco $F M$, plus AM. Full-feature Telechron cloek wakes you to music or alarm; 60 -minute sleep switch; soft-glow face. Matching speaker enclosure separates to $12^{\prime}$. Stereo indicator, AFC, tone and balance controls. $61 / 4 \times 115 / 8 \times 33 / 4$. Speaker, $61 / 4 \mathrm{x}$ $7 \times 33 / 4{ }^{4}$. 117 VAC. Japan. 17 1bs.
10 T4743 U. 55 Monthly.
89.95

Our
Lowes?
Priced
Stereo
Table
Radio

Solid-State Stereo FM-AM All-Wood Table Radio Save $\$ 5.00$

\$5 monthly

Was
$\$ 64.95$

Decorator-styled stereo FM-AM radio delivers good stereo sound through two wide-range $4^{\prime \prime}$ speakers. Offers sharp, clear AM too. AFC prevents FM drift. Slide-rule dial, stereo light, three FM-AM pilot lights, tone controls. Ceramic stereo phono input. Ferrite AM, wire FM antennas. Walnut-finished wood cabinet. $91 / 4 \times 19 \frac{3}{4} \times 58 / 4$ ". 117 VAC. From Japan. Shpg. wt., 111/2 lbs.
10 T 4349 RX. só Monthly.
59.95

## Stereo FM-AM-Phono Outfit

## Save ${ }^{\$ 9} 9^{90}$ <br> $\$ 5$ monthly

Separately, 8109.90 . Component-type basic stereo FM-AM radio, plus BSR 4 -speed stereo mini-changer. $4 \times 6^{\circ}$ oval speakers in matching enclosures separate to $12-\mathrm{ft}$. Radio features: slide-rule tuning, AFC, tuning meter, stereo indicator light.
Inputs: phono, tape. Outputs: recording, headphones. Walnut-grain plastic. Radio. $5 \times 151 / 2 \times 81 / 6^{\prime \prime}$; speakers, $91 / 4 \mathrm{x}$ $71 / 2 \times 41 / 2^{\prime \prime}$ (Japan). Mini-changer with plastic base, dust cover, fip-over stereo ceramic cartridge. 12x81/2". (England.) 117 VAC. 28 Ibs.
10 T0122 D2U. s5 Monthly..... 99.90
10 T 4817 U. Radio. 20 lbs......... 69.95
10 T 4712 RX. Changer. 8 lbs...... 39.95


Four-inch Speakers Swing Out for Stereo

Take life-like stereo FM and clear AM with you. Swing-out 4* speakers for full stereo. Telescoping FM, built-in AM antennas. With 4 " C " batteries. Closed, $51 / 2 \times 93 / 4 \times 37 / 8$ "; open, $51 / 2 \times 191 / 2 \times 2^{2}$. Japan. 5 lbs.
10 T 4671 S. 85 Monthly.
59.95

10 T 4364 S. 117 VAC Adapter. Shpg. wt., 6 oz. .......... 4.95
10 T 4759 S. Earphone. (Use 2 for stereo.) 6 oz.... Each 1.95

## Ultramodern Design FM-AM Clock-Radio

- Full-Feature Telechron Clock
- Solid-State FM-AM Radio
- Unique Space-Saving Design


## Save ${ }^{\$ 3.00}$

${ }^{9} 2695 \underset{\text { monthly }}{\$ 5}$
Was $\$ 29.95$

# 4-Band Portable 

Lowest

## COVERAGE INCLUDES:

- $535-1605 \mathrm{kHz}$ Standard AM Broadcast
- $88-108 \mathrm{MHz}$ FM Broadcast Band
- 4-12 MHz International Shortwave,

40-Meter Ham, WWV Time Signals
20, 15-Méter Ham, Government

## Save on Allied 2684 FM-AM-SW Battery/AC Portable

- Uses 4 Long-Hfe " $D$ " Cells
- Self-Storing Cord for 117 VAC
- Easy-to-Read Slide-Rule Dial
- Fine-Tuning Control on SW
- Two $4^{\prime \prime}$ Speakers for Full Sound
- Momentary-Pushbutton Dial Light

Allied's own solid-state 4 -band portable is certain to bring you many hours of listening pleasure . . now at outstanding sale savings! Hear international shortwave broadcasts, Hams and much more on the two SW bands. Covers SW on 4-12 and 12-24 MHz plus FM and AM. Bandspread fine-tuning separates stations on SW. Two 4" speakers deliver full sound Features include: tone control, momentary dial light, slide-rule dial with vernier tuning, AFC, twin $20^{\circ}$ telescoping swivel antennas. 15 transistors. Operates anywhere on batteries or AC. Padded vinyl case. $8 \times 11 \frac{1}{2} \times 4^{\prime \prime}$ With 4 "D" batteries, 117 VAC cord, earphone. From Japan. 10 T 4284 RX. Shjg. wt. 6 lbs . 55 Monthly.
31.95 18 T 5079 R. Extra "D" Batteries. Shpg. wt., 12 oz........ Pkg. of 4 for $65 \notin$
23 T 7538 R. "ABC's of Shortwave Listening." Sams. 96 pages. 3 . 1 b . 2.50 23 T 7538 R. "ABC's of Shortwave Listening." Sams. 96 pages. $3 / 4 \mathrm{lb} . . .2 .50$


AILIED 2680 FM-AM Portable with Bonus


Value-packed solid-state FM-AM portable features two speakers for good sound. Operates anywhere on 4 " C " batteries or 117 VAC. AFC and tone switch. Slide-rule-dial. Ferrite AM, 291/2" telescoping FM antennas, Padded leatherette case. $7 \times 107 / 8 \times 31 / 2^{\prime \prime}$ With batteries, earphone phus bonus Eveready flashlight and 8 extra bat teries for $1 \&$ more. From Japan. Shpp wt. $51 / 2 \mathrm{lbs}$.
10 T 0356 L2S. 25 Monthly. ... 29.9 10 T 4113 RS. Radio. 5 lbs......... 29 : 18 T 5040. Eveready Floshlight Alon Shpg. wt., $11 / 2$ lbs..
18 T 5078 R. Extro Eveready " $C$ " $B$ teries. 6 oz......... Pkg, of 2 for 3 .

114
VHF Public Service Bands cover police, fire, emergency services, utilities otc. The closer you are to o city, highway or oirNOTE: port, the more VHF you will hear. Calis are short and intermittont. 162.5 MHz Weather Station is heard in many areas.

## Rowest Price Evert/ Allim <br> Save $\$ 10.00$-Best Selling 5-Band Battery /AC Portable



## Full-Feature 5-Band Battery/AC Portable Radio FM-AM-SW-VHF Police/Public Servise and Aircraft

Was $\$ 59.50$. Price cut $\$ 10.00$ on this excit ng play-anywhere radio. Widely acclaimed solid-state portable tunes standard FM and AM; international shortwave and Hams on $5-12 \mathrm{MHz}$; local airports, planes on $108-135 \mathrm{MHz}$; police/ public service calls on $147-175 \mathrm{MHz}$. (Ste VHF note, page 111.) Operates on 4 " C " batteries or $117 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$ with self-storing cord.
Deluxe features include: fine-tuning for easier shortwave station selection; slide-rule dial with nomentary-pushbutton light; AFC for drift-free FM; tone control ; large $3 \times 6^{\prime \prime}$ oval speaker; built-in AM antenna, telescoping antenna, Motorola-type jack for external SW antenna. 15 transistors, 6 diodes, thermistor. Leathe ette-covered case, $73 / 8 \times 101 / 2 \times 3$ ". With earphone, 4 " C " batteries. From Japan. Shpe. wt., 9 lbs.
10 T 4362 RX. $\$ 5$ Monthly
49.50

18 T 5078 R. Extra "C" Batteries. 10 oz.
Pkg. of $2 / 336$
11 T 1239 R. Economy Shortwave Antenna Kit. With $100-\mathrm{ft}$. of wire, accessories. Shpg. wt., $21 / 2 \mathrm{lbs}$.
2.39

10 T 4051 RS. Motorola-Type Antenna Plug. 1 oz........ $11 \notin$
allied radid
100 N. Western Ave., Chicago, Illinois 60680

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5014 PINE TRAIL DR DURHAM NC 27701
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## QUALITY FEATURES


(A) 12" Acoustic-Suspension Woofer [B] $31 / 2^{\prime \prime}$ Tweeter for Pure Highs
C 8" Midrange Enhances Presence
(D) Tweeter Level Control

## Save $49 \%$ When You Buy Two Utah Three-Way 12" Acoustic-Suspension Speaker Systems

## ${ }^{\text {oms }} 89^{95}{ }^{95}$ System

Model A-90. Great opportunity to get two 3 -way $12^{\prime \prime}$ acousticsuspension speaker systems for only $\$ 1.00$ more than the price of one. Regularly $\$ 89.95$ each in our 1969 catalog, you pay only $\$ 90.95$ for both. Engineered for fine hi-fi performance. Big 12" high-compliance woofer with $214-\mathrm{lb}$. magnet structure (Alnico V magnet) and $11 / 2^{\prime \prime}$ copper voice coil delivers powerful, rich bass as low as 28 Hz . Midrange $8^{\prime \prime}$ speaker produces clear middle frequencies. $31 /{ }^{\prime \prime}$ cone tweeter provides clean, pure treble. Tweeter brilliance control. Sturdy $3 / 4^{\prime \prime}$ wood walnut veneer cabinet with complementary beige grille cloth. Smooth response from 28 to $18,000 \mathrm{~Hz}$. Electrical crossovers at 2200 and 5000 Hz . Power Capacity, 30 watts, 60 watts peak. 8 ohms. $14 \times 23 \times 10^{\prime \prime}$. 20 T 7053 RU. One System. $\$ 5$ Monthly. Each, 33 lbs.. Two Systems. 85 Monthly.


[^0]:    Was \$855.00. An extraordinary value! Widely acclaimed FET front-end plus all-silicon circuit with IC's in the IF amplifiers for high sensitivity and selectivity. Preamp has control facilities and inputs for all music sources. Transformerless output. Noise filter. Tuning meter, tape monitor. $\pm 1 \mathrm{~dB}, 18-25,000 \mathrm{~Hz}$. Sensitivity: $2.2 \mu \mathrm{~V}$. FM sepsration: 36 dB . Outputs: $4-16$ ohms, stereo headphones, tape. Size, $47 / 16 \times 151 / 16 \times 113 / 4 \%$. Optional case below. For 115 V, $50-60 \mathrm{~Hz}$ AC. Shpg. wt., 17 lbs.

    13 T. 2040 RX. Walnut Wood Case. Wt., 6 lbs.
    20.82

[^1]:    Sepxarately, \$56.95. Save on headphone anplifier and Allied stereo headphone offer. Solo-Phone's solid-state circuit provides ample power to drive one or two pairs of headphones directly from magnetic phono, tape player, or stereo FM tuner. Dual concentric volume control, input switch, and switched AC outlet. Walnut finished case. $31 / 2^{2} \times 101 / 4 \times 3^{\prime \prime}$. 115 VAC. H878 stereo headphones have vinyl ear cups, $31 / 2^{\prime \prime}$ transducers. $30-15,000 \mathrm{~Hz} .8^{\prime}$ cord, $1 / 4^{*}$ phone plug. 13 T 0498 L2X. Shpg. wt., $51 / 4$ lbs. $\$_{5} \mathrm{~S}_{\mathrm{M}}$ onihly.
    49.95

[^2]:    - Fits Anywhere-Only $71 / 4 \times 111 / 2 \times 31 / 2^{\prime \prime}$ - Valume Control
    - Excelient as TV, Radio, Or Hi-Fi Extension Speaker

[^3]:    This is the one for those who want the finest in portable cassette recorders! Records and plays up to 2 hours on standard snap-in cassettes. Stereo amplifier has full $20-$ watt peak power. Slide-on speaker systems separate 20 feet for superb stereo. Pushbutton controls with record safety lock and cassette eject, level meter, mike /ine inputs, outputs for preamp and external speakers. Luggage style case with walnut handle, $16 \times 73 / 4 \times 145 / 16^{\circ}$. With mikes. 117 VAC. Shpg. wt., 21 lbs.
    15 T 7268 U. s10 Monthly.
    199.00

[^4]:    

[^5]:    Was $\mathbf{8 9 9 . 9 5}$. Save $\$ 10.00$ on this delure walkie-talkie with important, professional features. Designed to meet the requirements of the most demanding user, its rugged, weatherproof construction means dependable operation under difficult conditions. Has advanced solid-state design and a ceramic filter for the selectivity and sensitivity that you would expect from a precision instrument. Power-boost antenna and range booster assure maximum efficiency. Crystal-controlled transmit and receive on up to six channels permits greater operating flexibility.
    Fentures full legal-limit five-watt input power; three integrated circuits: special antenna with power-boost loading coil; separate microphone and speaker; sturdy die-cast metal case. Other features include variable squelch; battery-strength indicator and RF power meter; automatic noise limiter; automatic gain control; range booster; built-in Public Address facility; and jacks for external antenna, microphone, external speaker, and battery recharger. With hand strap, shoulder strap, and Channel 9 crystals. Order batteries below. Size, $101 / 2 \times 18 / 2^{2} 15 / 8^{\prime \prime}$. Shpg. wt., 4 lbs.
    17 T 9861. 85 M onchly.
    89.95

    Extra Crystals. Specify Channel 1-2s. Shpg. wt., 3 oz.
    17 T 9369 RCS. Transmit. .
    
    17T9401 RCS. Receive.........................
    Each 2.50
    
    18 T 5131 R. Alkaline Batteries. (Uses 10.) $4 \mathrm{oz} . . . .$.

