

## Cut ${ }^{5} 70.00$

With Metal Cuse

## \$22995

$\$ 12$ monstily

ALLIED 399 Solid-State 122-Watt Stereo FM/AM Receiver Our Finest and Most Powerful Allied Receiver!

- Transformerless Audio Círcuit for Ulira-Wide Power Bandwidth and Response
- Full Tape Recorder Facilities - Four IF's, 2 Limiters - 82 Semiconductors

Was $\$ 299.95$. Buy now and save $23 \%$ on our best Allied receiver. Pulls in real-as-life stereo FM, wideband AM, and pours out 244 watts of peak power. Preamp has full facilities for magnetic phono, tape deck, and more. FM circuit has four IF stages, two limiters, between-station silencing, AFC, plus Schmidt all-electronie automatic stereo-mono switching. Nuvistors in front end for super-sensitivity. FMAM tuning meter. Controls include tape equalization and monitor switches, low and high filters, speakers on-off, bass, treble. Power: 122 watts, IHF. Response, $\pm 1 \mathrm{~dB}, 18-60,000 \mathrm{~Hz}$. FM Sensitivity, $1.5 \mu \mathrm{~V}$, IHF. Shortproof plug-in speaker connectors. Outputs: 4-16 ohms; tape; headphones. With metal case. Wood case below. $5 \times 16 \times 12^{r}$. 117 VAC. From Japan. 14 W 5070 RU. Shpg. Wt., 30 lbs. $\$ 12$ Monthly.
14 W 5003 RX. Oiled Wainut Wood Case. Shpg. wt., 6 ibs. $\$ 5$ Monthly.

## WAS ${ }^{\circ} 424.58$

 $\$ 3495$ case monthly
# Exciting Special-Purchase Sale! Deluxe Fisher 700T 120-Watt Solid-State Stereo FM Receiver 



SEE FISHER 700T SYSTEMS ON PAGE 6 FOR SAVINGS UP TO \$160.38

## SOME OF THE IMPORTANT EXTRAS OF THE FISHER 700T


"Super Synchrode" FM Front End With FET's

"Transist-O-Gard" Protects Output Stage


Coincidence Circuit Banishes False Triggering

"Tune-O-Light" Dial Pointer for Easy Tuning


Fisher's Famous "'Stereo Beacon'

## Price Cut on Fisher's Finest Stereo FM Receiver

- Four JF Stages, 3 Limiters, Wideband Detector - Headphone Jack
- Distortion-Free Baxandall Tone Control Circuits - Luxury Styling
- Full Facilities for Use with Tape Recorder - Center-Channel Output

Take advantage of this rare chance to enjoy giant savings on Fisher's finest stereo FM receiver. The best of Fisher engineering brings you unsurpassed stereo realism, styling excellence, and operating convenience. Ultrit-sensitive FM circuit features "Super Synchrode" Field-Effect-Transistor front end, four IF amplifiers, and three limiters to provide brilliant, static-free stereo reception even in weak signal areas. Has inputs and controls that give you complete audio matstery over every stereo and mono music source. Has outputs and inputs for recording, playback and monitoring of stereo tapes. Silencing feature eliminates annoying "hash" hetween stations when tuning. Illuminated D'Arsonval signalstrength meter makes perfect tuning fast and easy. Fisher's "Stereo Beacon" flashes on when stereo is tuned-in, and automatically switches multiplex circuit to stereo mode. Superior distortion-free Baxandall tone control circuits. "Tune-()-Lite" dial pointer permits accurate tuning even in a dimly lighted room."Transist-O-Card" protection circuit prevents overloading caused by accudental shorting of speaker leads.
Power Output, 120 watts IHF at 4 ohms, 50 watts per channel sine wave. Frequency Response, $\pm 1 \mathrm{~dB}, 20-25,000 \mathrm{~Hz}$. Hum and Noise: magnetic phono 55 dB ; auxiliary -65 dB . IHF Sensitivity, 1.8 uV. Capture Ratio, 2 dB. FM Stereo Separation, 40 dB , Outputs: 4 to 16 ohms; stereo headphones; recording. Controls include bass, treble, balance, loudness, high and low filters, fourposition speaker switch. Deluxe circuit has 45 transistors, 40 diodes, Size, $51 / 8 \times 16^{3} 4 \times 117 / 8^{\prime \prime}$. Optional case below. For $105-120$ volts, $50-60 \mathrm{~Hz}$. Shpg. wt., 48 lbs.
13 W 2648 RU. sif Monthly
349.50

13 W 2633 RX. Oiled Walnut Wood Case. Shpg. wt., 9 lbs. . 22.45

## no MONEY Down

## For Greater Buying Power

 Open an ALlued Credit Fund Account TODAY!
## You Need No Cash

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



## BIG Advantages

## When You Have

 an Allied1. NO MONEY DOWN Buy whatever you want to the full limit of your Credit Fund. Nothing to pay for 30 days.
2. CONTINUOUS BUYING POWER Your Allied Credit Fund is like a lump sum deposit of money invested by Allied in your good faith, set aside in 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 Credit 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 It'". 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 ALWAYSKNOW WHERE YOUR ACCOUNT STANDS YOu get a full statement each month showing your purchases, payments, unpaid balance, and most important-the amount of unused credit in your account for add-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, most convenient way to buy all your electronic equipment.

## INDEX

Amateur Gear
46, 51
AMPLIFIERS
8, 10
Antennas, TV
9, 41,44

Aulo Accessories . . . . . . . . . . . . . . . 34, 47, 59-61
Cameras and Photo Equipment . . . . . . . 68-70
Cartridges, Phono ........................ . . 15
CITIZENS BAND EQUIPMENT . . . . . . . . 53.57
Kits . . . . . . . . . . . . . . . . . . . . . . . . . 42 -44
Crystals . . . . . . . . . . . . . . . . . . . . . . . . . . . 58
Experimenter's Equipment . . . . . . . . . . 50, 67
Headphones, Stereo . .33
HI-FI SYSTEMS ........................3.9, 25
Hobby Kits . . . . . . . . . . . . . . . . . . . . 47-50
Intercoms 33

Inverter Kit 44
KNIGHT-KITS . . . . . . . . . . . . . . . . . . . 40.47
Lamps
Mikes and Accessories . .................. . . . 47
Models . . . . . . . . . . . . . . . . . . . . . . 48, 49, 58
Parts Bargains . . . . . . . . . . . . . . . . . . 64.67
Phonographs
.6
Power Supply
Projectors, Movie . . . . . . . . . . . . . . . . . . . 70
Radios, Auto .................... 35, 59, 75
Portable
Shortwave
66, 72.75, Cov. 4
Table
51, 72.75
VHF.FM
$51,74,75$
Radio Control Equipment. . . . . . . . . . . . . . 58
RECEIVERS, HI-FI . . . . . . . . . . . Cov. 1, 2-10
Kits
12.15

Recording Tape . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 22
Records
.11
Remote Controls
Reverberation Units
7. 34,59

Rotators, Antenna
. 37.39
Speokers and Systems...... 17-22, 36, 65-67
Tachometer
.47
Tape Cartridges
33
Cassettes
Tope Decks
Players
$25,26,30,40$
Pecorders
32, 34, 35
Tope Recording Accessories
Television Sets
Antennas
.71
Test Equipment
37-39
Kits
60-62, 66
Tools and Equipment
66, 67
Transistors
. .64
Tubes . . . . . . . . . . . . . . . . . . . . . . . . . . . 63

TUNERS
35, 59
Kits 41
Turntables . . . . . . . . . . . . . . . . . . . . . 14.16
WALKIE-TALKIES
Kits 44
Weather instruments .................... . . . . 50

## NEW INFORMATION ON REA EXPRESS AND TRUCK SHIPMENTS

REA EXPRESS. One of the fastest ways to ship unmailable items. On cash orders send full payment for merchandise and also include Express charges. (See Allied Catalog 270 or call your REA agent to estimate charges.) On Credit Fund orders Express charges are prepaid by Allied and added to your account. "U" or "Z" at end of Stock No. designates unmailable item (11 W 2501 U or 11 W 2001 Z , for example).

## INSURANCE

We insure all Parcel Post shipments with a private insurance company. In case of loss or damage, adjustment is made easily and quickly. Please allow for insurance as follows:
$\$ 2.00$ to $\$ 15.00$ $\$ 15.01$ to $\$ 50.00$. $\$ 50.01$ to $\$ 100.00$ $\$ 100.01$ to $\$ 150.00$. $\$ 150.00$ and Up

Up to 16 oz., all zones allow 4 for first 2 oz., $2 ¢$ for each additional oz. Fin weight of your merchandise in the extreme left-hand column of the char below. Pay the amount listed for Parcel Post shipment to your zone. A frac tion of a pound is charged as a full lb. For example, if the weight is 5 lbs and 1 oz . to Zone 4, postage would be for 6 lbs ( 904 ). Over 25 lbs. shippe truck or express.

PARCEL POST RATES
See Catalog 270 for chart to find yaur Parcel Post zane or confact your post office

| WEIGHT llb. \& Not Exceeding | Local | 1st \& 2nd Zone | 3rd Zone | 4th Zone | $\stackrel{\text { th }}{\text { Zone }}$ | $\begin{gathered} \text { 6th } \\ \text { Zone } \end{gathered}$ | 7h Zone | $\begin{aligned} & \text { 8th } \\ & \text { Zone } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | \$0.40 | \$0.50 | \$0.50 | \$0.55 | \$0.60 | \$0.70 | \$0.75 | \$0.80 |
| 3 | . 10 | . 55 | . 60 | . 65 | . 75 | . 85 | . 95 | 1.05 |
| 4 | . 45 | . 60 | . 65 | . 75 | . 85 | 1.00 | 1.10 | 1.25 |
| 5 | .45 | . 65 | . 70 | . 80 | . 95 | 1.10 | 1.30 | 1.45 |
| 6 | .45 | . 70 | . 80 | . 90 | 1.05 | 1.25 | 1.45 | 1.65 |
| 7 | . 50 | . 80 | . 85 | 1.00 | 1.15 | 1.40 | 1.60 | 1.85 |
| 8 | . 50 | . 85 | . 90 | 1.05 | 1.30 | 1.50 | 1.75 | 2.00 |
| 9 | . 55 | . 90 | . 95 | 1.15 | 1.40 | 1.65 | 1.90 | 2.20 |
| 10 | . 55 | . 95 | 1.05 | 1.20 | 1.50 | 1.75 | 2.10 | 2.40 |
| 11 | . 55 | 1.00 | 1.10 | 1.30 | 1.60 | 1.90 | 2.25 | 2.60 |
| 12 | . 60 | 1.05 | 1.15 | 1.35 | 1.70 | 2.00 | 2.40 | 2.75 |
| 13 | . 60 | 1.10 | 1.20 | 1.45 | 1.80 | 2.10 | 2.55 | 2.95 |
| 14 | . 65 | 1.15 | 1.30 | 1.50 | 1.90 | 2.25 | 2.70 | 3.10 |
| 15 | . 65 | 1.20 | 1.35 | 1.60 | 2.00 | 2.35 | 2.95 | 3.30 |
| 16 | . 65 | 1.25 | 1.40 | 1.65 | 2.10 | 2.45 | 3.00 | 3.45 |
| 17 | . 70 | 1.30 | 1.45 | 1.75 | 2.20 | 2.60 | 3.15 | 3.65 |
| 18 | . 70 | 1.35 | 1.50 | 1.80 | 2.30 | 2.70 | 3.30 | 3.80 |
| 19 | . 75 | 1.40 | 1.60 | 1.90 | 2.40 | 2.85 | 3.45 | 4.00 |
| 20 | . 75 | 1.40 | 1.65 | 1.95 | 2.50 | 2.95 | 3.60 | 4.15 |
| 21 | . 75 | 1.45 | 1.70 | 2.05 | 2.60 | 3.05 | 3.75 | 4.35 |
| 22 | . 80 | 1.50 | 1.75 | 2.10 | 2.65 | 3.15 | 3.90 | 4.50 |
| 23 | . 80 | 1.55 | 1.80 | 2.15 | 2.75 | 3.30 | 4.05 | 4.65 |
| 24 | . 85 | 1.60 | 1.85 | 2.20 | 2.85 | 3.40 | 4.15 | 4.85 |
| 25 | . 85 | 1.60 | 1.90 | 2.30 | 2.90 | 3.50 | 4.30 | 5.00 |
| For each Extra Lb. | Add 5 | Add 5 | $\begin{gathered} \text { Add } \\ 5 \end{gathered}$ | Add 5 | Add 10e | Add 10 | Add 15 | Add 15 |



TRUCK SHIPMENTS. For heavier shipments, truck is most economical. Shipping rates vary slightly in different areas and some areas charge extra for residential delivery. On cash orders send full payment for merchandise and also inclurle Truck charges. (See Allied Catalog 270 or call your local agent to estimate charges.) On Credit Fund orders Truck charges are prepaid by Allied and added to your account.


Shown in wood case
Powerfil ALLIED Receiver with Deluxe 65-Semiconductor Circuit
\$22995wnemen
$\$ 12$ monthly

- 130 Wetts Peak
- Stereo Switching
- Tape Monitor
- $2 \mu \vee$ FM Sensitivity

The Allied 365 sets a new standard in performance and value! Features: superior Schmidt electronic automatic stereo/mono switching; brilliant AM; preamp with all controls, inputs; 130 -watts peak hi-fi power. Preamp has facilities for all sources including tape monitor and input for tape transport. Tuning meter; stereo FM indicator; flywheel tuning; speaker switch; stereo headphone jack. Switches for loudness, AFC, high-irequency filter. $=1 \mathrm{~dB}, 20-50,000$ Hz . With metal case. Optional wood case below. $5 \times 16 \times 12^{\prime \prime}$. For 117 VAC. From Japan.
14 W 5072 RU. Shpg. wt., 28 lbs. s12 Monthly. . . 229.95 14 W 5003 RX. Oiled Walnut Wood Case. Wt., 6 lbs... 19.95



## 65-Wat1 Ultra-Deluxe System

Separately, 5574.85. Top-quality for those who want the finest. System includes: Allise 365 Receiver; Garrard SL95 3-Speed Automatic Turntable with Base; Empire 888TE Elliptical Stereo Cartridge; two Argos TX-4 Three-Way $12^{*}$ Speaker Systems. SL95 turntable has Synehro-Lab motor for constant speed; advansed ultra-low mass pickup arm; adjustable counterweight; anti-skating; stylus force dial; automatic or manual play. 888 TE stereo cartridge tracks at $1 / 2$ to 2 grams, has $15^{\circ}$ elliptical diamond stylus. TX-4 systems have 3 speakers including famous Jensea $12^{\prime \prime}$ woofer; oiled walnut finish; $35-17,000 \mathrm{~Hz}$. Cables.
14 W 0125 D\&Z. Wt., 105 lbs. 399.95


Save $\$ 99.30$
$\$ 34995$
$\$ 17$ monthly

## 65-Waft Top Value System

Separately, 8449.25. Excellent-quality matched components at a low sale price! System includes: Allied 365 Re ceiver; Garrard SL65 4-Speed Automatic Turntable; Base Pickering V15/AC-3 Stereo Cartridge; two Knight 3030A Three-Way 12" Speaker Systems. SL65 turntable has Synchro-Lab motor; cuing and pause control lever; opticaltype stylus adjustment; adjustable counterweight; automatic intermix; automatic or manual play. V15/AC-3 stereo cartridge tracks at 3 to 7 grams, has conical diamond stylus. 3030A systems have $12^{\prime \prime}$ woofer, $6^{\prime \prime}$ midrange, $31 / 2^{\prime \prime}$ tweeter; oiled walnut; 35 Hz to beyond audibility. Cables.
14 W 0126 D5Z. Wt., 102 lbs. 349.95


## Save $\$ 29995$ <br> $\$ 15$ monthly

## 65-Watt Budget-Priced System

Separately, 584.80. Quality compo-nents-a sale standout at this low price! Includes: Allied 365 Receiver; Garrord 40 Mark II 4-Speed Automatic Turntable and Base; Shure M32E Elliptical Stereo Cartridge; two Knight 3005 Three-Way $10^{\prime \prime}$ Bookshelf Speaker Systems. Mark II has silent 4-pole motor for exaet speeds of $162 / 3,331 / 3,45$. and 78 rpm ; two spindles; large weighted platter; automatic or manual play. M32E stereo cartridge tracks at $21 / 2$ to 5 grams, has elliptical diamond stylus. 3005 speaker systems have $10^{\prime \prime}$ woofer, $6^{\prime \prime}$ midrange, $31 / 2^{\prime \prime}$ tweeter; oiled walnut veneer; cane grille; 40 $16,000 \mathrm{~Hz}$ response. Cables. 18 W 0127 D5U. Wt., 85 lbs. 299.95

## Feature-Packed Allied Receiver with 59-Semiconductor Circuit

-90-Watl Peak Power

- Precise Tuning Meter
- Speaker Plug-Ins
- $2 \mu$ F FM Sensifivity
\$9 monthly
stereo headphone jack. Positive-action rocker switches, $5 \times 16 \times 121 / 2^{*}$. With metal case. Optional walnut case below. For $110-120 \mathrm{~V}, 50-60 \mathrm{~Hz} \mathrm{AC} .\mathrm{From} \mathrm{Japan}$.
14 W 5071 RU. Shpg. wt., 27 lbs. 89 Monthly.
179.95

14 W 5003 RX. Oiled Walnut Wood Case. Wt., 6 lbs... 19.95
The Allied 355 offers many exciting features, exceptional hi-fi performance, and decorator styling at a surprisingly low price! Features: nutomatic Schmidt FM stereo/mono switching; plug-in speaker connectors; switchable AFC; transformerless output for wide-band $20-30,000 \mathrm{~Hz}$ response. Complete tape monitor facilities; precision illumiRe



45-Watt Deluxe Stereo System

Separately, \$505.25. Excellent quality -a stereo system you will be proud to own. System includes: Allied 355 Receiver; Garrard SL75 3-Speed Automatic Turntable \& Base; Pickering XV-15/AME Elliptical Stereo Cartridge; two Argos TX-4 Three-Way 12" Speaker Systems. SLi5 turntable has Synchro-Lab motor for sueed accuracy; adjustable counterweight; stylus force assembly; anti-skate; automatic or manual play, XV-15/AME stereo cartridge tracks at $3 / 4$ to $11 / 2$ grams, has elliptical diamond stylus. TX-4 systems have 3 speakers including famous Jensen $12^{\prime \prime}$ woofer; oiled walnut finish; 35-17,000 ${ }^{T}$ response. With cables.

T122 D5z. Wt., 104 lbs. 349.95


> Save
> $\$ 94.30$

\$29995
$\$ 15$ monthly

## 45-Watt Value-Packed System

Separately, 8994.85. Specially matched components-fine quality system at a low, low price! System includes: Allied 355 Receiver: Garrard SL55 Automatic Turntable \& Base; Empire 888E Elliptical Stereo Carlridge; two Knight 3030A Three-Way $12^{\prime \prime}$ Acoustic-Suspension Speaker Systems. SL55 has 4 -speed Synchro-Lab motor; cuing lever; counter-balanced tubular pickup arm; stylus pressure adjustment; automatic or manual play. 888E stereo cartridge tracks at $3 / 4$ to 5 grams, has $15^{\circ}$ elliptical diamond stylus. 3030A systems have $12^{\prime \prime}$ woofer, $6^{\prime \prime}$ midrange, $31 / 4^{\prime \prime}$ tweeter; oiled walnut finish; 35$17,000 \mathrm{~Hz}$. With cables. 14 W 0124 D5U. Wt., 99 Ibs. 299.95


Save<br>578.85

$\$ 22995$
$\$ 12$ monthly

## 45-Watt Budget-Priced System

Separately, 8308.80. An outstanding value at this special low price! System includes: Allied 355 Receiver; Garrard 40 Mark II Automatic Turntable \& Base; Shure M44F Elliptical Stereo Carlridge; two Knight KN-3002 Two-Way 8" Bookshelf Speaker Systems. Mark II turntable has silent 4-pole motor for speeds of $162 / 3,33 \frac{1}{3}, 45$, and 78 rpm ; two spindles; large weighted platter; automatic or manual play. M44E stereo cartridge tracks at $13 / 4$ to 4 grams, has elliptical diamond stylus. 3002 systems have $8^{\prime \prime}$ woofer, $31 / 2^{\prime \prime}$ direct-radiator tweeter; oiled walnut finish; matching grille cloth; $50-15,000 \mathrm{~Hz}$ response. With cables.
14 W 0123 D5U. Wt., 76 lbs.. . 229.95


## Allied-Knight Stereo Receiver-Famous for Value

$\$ 49^{95}$
Metal Case
$\$ 8$ monthly

- 64.WattPeakPower
- Tuning "Eye"
- Channel Balance
- $2.5 \mu \mathrm{~V}$ Sensifivity

The KNI-333 offers top engineering and styling at a surprisingly low price! FM stereo, plus mono FM and AM are received with astonishing depth and tonal purity. Stereo indicator light flashes on when stereo $\mathbf{F M}$ is transmitted. Magic-Eye indicator pinpoints strongest signal. AFC locksin FM to prevent drift. Controls include: power/on-off; bass; treble; loudness; dual-concentric volume/balance. Tape recording and monitoring facilities. 13 tubes, tuning eye, 10 semiconductors. $53 / 8 \times 15^{13} / 6 \times 13^{9} / 1 i^{\prime \prime}$. With metal case. Walnut case below. 110-127 VAC. Japan. 14 W 5073 RU. Shpg. wt.. 28 lbe. $\$ 8$ Monihly.
149.95 14 W 5008 RX. Oiled Walnu\$ Wood Case. Wt., 5 lbs. . 14.95


Save
$\$ 175.30$
$\$ 29995$
$\$ 15$ monthly

## 32-Wott Fine-Quality System

Separately, \$475.25. Top-performing system engineered for acoustical excellence. System includes: AlliedKnight KNL-333 Receiver; Garrard SL75 Automatic Turntable \& Base; Empire 888TE Deluxe Elliptical Stereo Costridge; two Argos TX-4 Three-Way 12" Speoker Systems. SL75 turntable has SynchroLab motor with all 4 speeds; cuing and pause control lever; optical-type stylus pressure adjustment; automatic or manual play. 888 TE stereo cartridge tracks at $1 / 2$ to 2 grams, has $15^{\circ}$ diamond stylus. TX-4 systems have 3 speakers including Jensen $12^{\prime \prime}$ woofer; oiled walnut finish; $35-17,000 \mathrm{~Hz}$ response. With cables.
14 W 0117 DSZ. Wt., 105 lbs. 299.95


Save S108.65

## 32-Wott Top-Value System

Separately, 8358.80. Fine-quality system of matched components-great value at this special price! System includes: Allied-Knight KNI-333 Receiver; Garrard SL55 Automatic Turntable \& Base; Shure M44E Elliplical Stereo Cartridge, two 3030A Three-Way 12" Accustic-Suspension Speaker Systems. SL55 has 4-speed Synchro-Lab motor; cuing lever; counter-balanced tubular pickup arm; stylus pressure adjustment;automatic or manual play. M44E stereo cartridge tracks at $13 / 4$ to 4 grams, has diamond stylus. 3030A systems have $12^{\prime \prime}$ woofer, $6^{\circ}$ midrange $31 / 2^{\prime \prime}$ tweeter; oiled walnut finish; 35-17,000 Hz. With cables.
14 W 0120 D5Z. Wt., 102 lbs. 249.95

$\underset{569.30}{ } \quad \$ 19995$
$\$ 10$ monthly

## 32-Woft Economy Stereo Sysfem

Separately, 3869.25 . The most for your hi-fi dollar-superb value at this low sale price! System includes: AlliedKnight KNI-333 Receiver; Garrard 40 Mark II Automatic Turntable \& Base; Pickering V15/AC-3 Stereo Cartridge; two Knight 3002 Two-Way $8^{\prime \prime}$ Bookshelf Speaker Systems. Mark II turntable has silent 4-pole motor for speeds of $16 \frac{2}{3}, 331 / 3,45$, and 78 rpm ; two spindles; large weighted platter; automatic or manual play. V15/AC-3 stereo cartridge tracks at 3 to 7 grams, has diamond stylus. 3002 systems have 8" woofer; $31 / 2^{\prime \prime}$ direct-radiator tweeter; oiled walnut finish; $50-15,000$ Hz response. With cables 14 W 0121 DSU. Wt., 77 lbs. . 199.95

# Save on Systems Featuring FISHER 700T Receiver 

## Special

## Purchase

See Inside Front Cover for Fisher 700 T Alone


Fisher 700T 120-Watt Stereo FM Receiver


Superb 120-Watt Stereo FM-Phono System Save ${ }^{5} 129.38$


## Deluxe 120-Watt Stereo FM-Phono System Save ${ }^{5} 160.38$

Individual Components Were \$578.88. Allied special purchase makes this spectacular value possible! Huge savings on Fisher's Finest Solid-State Stereo FM Receiver, the 7001, in an outstanding music system. Advanced circuit boasts "Super-Synchrode" field-effect front-end. Four IF amplifiers and three limiters provide astonishingly pure sound. Tremendous 120 watt IHF output. Full controls, inputs, tape facilities. Optional case below.
Popular Garrard SL55 Four-Speed Automatic Turntable with Base and Pickering V15/ACE-3 Stereo Elliptical Cortridge. Garrard precision engineering and the famous Synchro-Lab motor for perfect speed. Two Allied 3005 Three-Way $10^{\circ}$ Shelf Speaker Systems. $10^{\prime \prime}$ woofer, $6^{\prime \prime}$ midrange, $3 \frac{1}{2}{ }^{\prime \prime}$ tweeter. Oiled walnut veneer cabinets. With all cables, hi-fi booklet. Shpg. wt., 93 lbs.
13 W 0406 DSU. 820 M onthly.
449.50

13 W 2633 RX. Oiled Walnut Wood Case. 9 libs.

Separately, \$658.88. Magnificent quality and performance at a gigantic savings. Fisher 700T Solid-State 120-Watt Stereo FM Receiver brings you breathtaking power and stereo realism. "Super Synchrode" field-effect front-end for super sensitivity. Inputs and controls for every music source. Tape recording and monitoring facilities. Betweenstation quieting. Optional case at left.
Precision Garrard SL65 Four-Speed Automatic Turntable with Base and Empire 888E Stereo Elliptical Cartridge. Boasts Synchro-Lab motor for perfect speed accuracy. Cuing, dynamically balanced pickup arm with adjustable counterweight, stylus pressure adjustment, anti-skating. Two famous Allied 3030A Three-Way 12* Speaker Systems. Have $12^{\prime \prime}$ high-compliance woofer, $8^{\prime \prime}$ midrange, compressiontype tweeter. Oiled walnut veneer cabinet. With cables and hi-fi booklet. Shpg. wt., 110 lbs. 13 W 0407 D5U. \$21 Monihly.
498.50

## Special-Purchase Sale on Fisher Portable Stereo Phono



50B Solid-State 30-Watt Stereo Phono

## $\$ 15950$

$\$ 8$ monthly

Portable Stereo Phono With the Power of a Home Music System

Exciting special-purchase price on a portable stereo phono with an amplifier more powerful than many home music systems. Solid-state circuit delivers full 30-watt IHF power output to two full-range $6^{\prime \prime}$ free-piston speakers. Speaker enclosures separate to $20^{\prime}$ for great stereo; close to form handsome luggage-style case. Complete array of controls, plus inputs for tape and tuner. Tape output. Stereo headphone jack.
Garrard 4-speed automatic turntable with Pickering magnetic stereo cartridge and diamond stylus. Plays single records manually or stack automatically. Shuts off system automatically after last record has played. Automatic intermix. $8 \times 23 \frac{3}{4} \times 14 \frac{1}{4}$ ". For $105-120 \mathrm{~V}, 50-60 \mathrm{~Hz} \mathrm{AC}$. Shpg. wt., 35 libs.
13 W 2625 RU. \$8 Monthly.
159.50

# Save on Systems with SCOTT Stereo Amplifier 



Famous Scott 2997 Deluxe 65-Watt Solid-State Stereo Amplifier

$$
\underset{\text { styling }}{\text { Latest }} \$ 4095 \underset{\substack{\text { monthly }}}{\$ 8}
$$

Superb Scott quality at our specialpurchase price. Delivers 65-watts (IHF) of brilliant stereo sound. Full array of controls and inputs for phono, tuner and tape. Tape monitor switch. Loudness compensation. Dual clutchtype bass and treble. Outputs, 416 ohms, stereo headphone, tape. $25-$ $20,000 \mathrm{~Hz}$. $51 / 4 \times 151 / 2 \times 12^{\prime \prime}$. Optional case below. 115 VAC. 12 lbs. case below. 13 W 2730 RU. 88 Monthly. 14 libs. 11.85
13 W 2001 RX. Metal Case. 5 13 W 2001 RX. Metal Case. 5 lbs. 11.85
13 W 2002 RX. Oiled Walnut Wood 13 W 2002 RX. Oiled Walnut Wood
Case. Shpg. wt., 6 lbs........... 20.82

## FISHER 40-Watt Stereo System and "Tune-0-Matic" Receiver



## System with 160-T "Tune-0-Matic"

Separately, s924.70. Feature-packed system offers great stereo, plus operating convenience and versatility. New Fisher $160-\mathrm{T} \quad 40 \mathrm{~W}$ Wt Stereo FM Receiver. Push-button tuning of five easily preset stations. Deluxe Allied 919 4-Speed Automatic Turntable with Base and Pickering V15/ACE-3 Stereo Elliptical Cartridge. Automatic or manual operation, cuing. Two Allied 3002 Two-W ay $8^{\prime \prime}$ Speaker Systems. $8^{\prime \prime}$ woofer, $31 /{ }^{\prime \prime}$ " tweeter, crossover. Oiled walnut. Shpg. wt., 61 lbs.
13 W 0405 D5U. $\$ 13$ M onthly. 259.50

## Value-Priced Stereo System Featuring Scott 299T Amplifier

## Save ${ }^{5} 50.20 \$ 23950$

Separatcly, \$289.\%0. Value-packed system features the Scott 299T 65-W ott Stereo Amplifier. Delivers powerful, fullrange stereo. Loudness compensator, tape monitor. Order case, left. Deluxe Allied 919 4-Speed Automatic Turntable with Base and Pickering V15/AC-3 Stereo Cortridge. Cuing, adjustable antiskate, low-mass arm. Two Allied 3005 Three-Way $10^{\prime \prime}$ Shelf Speaker Systems. $10^{*}$ woofer, $6^{\prime \prime}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Oiled walnut cabinet. Cables, hi-fi booklet. Shpg. wt., 66 lbs.
13 W 0403 D5U. 812 Monthly. 239.50

Deluxe 65-Watt Stereo System with Scott 299T Amplifier

## Save ${ }^{5} 144.75 \$ 29950$

Separately. 844.25. Superb system features the Scott 299T 65-W att SolidState Stereo Amplifier. Has controls and inputs for every stereo source. Optional case, left. Famous Garrard SL65 4-Speed Automatic Turntable with Base and Empire 888TE Stereo Elliptical Cartridge. Synchro-Lab motor for perfect speed accuracy, finest performance. Two Argos TX-4 Three-Way 12" Speaker Systems. Jensen $12^{\prime \prime}$ woofer, $8^{\prime \prime}$ midrange, $31 / 2^{\prime \prime}$ direct-radiator tweeter. Oiled walnut. 88 lbs.
13 W 0404 D5U. $\$ 15$ Monthly. 299.50

## Exciting Fisher K-10 SpaceXpander Stereo Reverberation Unit

- Adds New "Depth" to Hi-Fi With Music-Hall Acoustics
- Simple Plug-in Connections

Add a thrilling new dimension to your stereo or mono system. The SpaceXpander simulates depth and realism of concert halls by delaying part of the audio signal for 33 milliseconds. Duplicates the sound so perfectly you'll think you're hearing a live performance. Plugs into any Fisher receiver, including earlier models. Also for any system having separate preamps or tape monitor facilities. 115 VAC. Shpg. wt., 10 liss.
13 W 2097 X . 85 Monthly .
71.55

# Music Systems Featuring EICO Stereo Kits 

MONEY-SAVING SYSTEMS-YOU SAVE EVEN MORE BECAUSE YOU ASSEMBLE THE KIT


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| $\$ 35.05$ | $\$ 10$ monthly |

## Eico 70-Wott Kit

 Stereo Phono SystemSeparately, \$229.25. You'll enjoy this excellent stereo phono system even more because you assemble the Eico 3070K 70 Watt Solid-State Stereo Amplifier (described at right). Includes precision-made Garrord 40 MK II Four-Speed Automatic Turntable with Base and Empire 808 Stereo Cartridge and Two Allied 3005 Three-Way $10^{\prime \prime}$ Oiled Walnut Shelf Speaker Systems. With eables. hi-fi booklet. Shpg. wt., 65 lbs. 13 W 0313 D5U. $\$ 10$ Monthly.
194.20

$\$ 9995$
\$5 monthly
Powerful all-silicon solid-state stereo amplifier kit delivers 70 watts IHF at 4 ohms. Boasts high-gain preamp. Controls and inputs for every music source. $5-100,000 \mathrm{~Hz}$. Outputs: 4-16 ohms, headphones, tape. With metal case. $31 / 4 \times 12 \times 8^{\prime \prime}$. For 115 VAC . Shpg. wt., 8 lbs.
13 W 2338 RX. Kit. 5 . Monthly
99.95


## Save s75.10 <br> \$29915 <br> $\$ 15$ monthly

Deluxe 70-Watt Kif Stereo FM-Phono System

Separately, \$874.25. Outstanding stereo system at a huge savings, plus the extra enjoyment of building your own receiver. Eico 3570K 70 -W att Stereo FM Receiver with Metal Case. All-silicon-transistors. Famous Garrord SL55 Four-Speed Automatic Turntable with Base and Pickering V15/ACE-3 Stereo Elliptical Cartridge. Two Allied 3030A Three-Way $12^{\circ}$ Oiled Walnut Speoker Systems. With cables, hi-fi booklet. 86 Ibs. 13 W 0341 RD5U. \$15 Monthly
299.15

$\$ 16995$
Eico 3570K 70-Wott Stereo FM Receiver Kit

All-silicon-solid-state stereo FM receiver kit. Boasts five tuned circuits in extrasensitive front-end; four double-tuned IF stages for high selectivity; transformerless output for full response. Full array of controls and inputs. With metal case. $41 / 2 \times 16 x$ $9^{*} .115$ VAC. Shpg. wt., 14 lbs.
13 W 2342 RU. Kif. $\$ 9$ Monthly
169.95

Full-Feature Solid-State Stereo Receiver
Save 57995 - Automatic Stereo s20.00 $\begin{array}{ccc}\$ 7995 & \text { Was } & \begin{array}{c}\text { Automatic Stereo } \\ \text { FM Switching } \\ \text { cose }\end{array} \\ \$ 9 \text { monthly } & \$ 199.95 & \begin{array}{c}\text { Tape Monitoring } \\ \text { Facilities }\end{array}\end{array}$ \$9 monthly

## Save $\mathbf{\$ 2 0 . 0 0}$ on Pioneer SX-300T Value-Packed Stereo FM-AM Receiver

Price cut on exceptional solid-state stereo FM-AM receiver. Loaded with features for top performance. Boasts superior Schmidt time-switching multiplex circuit; transformerless output for wide response; complete tape monitoring facilities. Advanced 41-transistor, 12-diode circuit with full array of controls for complete mastery of every music source. Switchable loudness contour.
Delivers 40 watts IHF at 4 ohms, 25 watts rms. Response: $=3 \mathrm{~dB}, 20-20,000 \mathrm{~Hz} . F M$ Sensitivily: $3 \mu \mathrm{~V}$ IHF. Harmonic Distortion: less than $1 \%$. Inputs: magnetic and ceramic phono, aux., tape monitor. Outputs: 4-16 ohms, stereo headphone, tape. $5^{7} / 16 \times 16 \times 125 / 8^{\prime \prime}$. Optional case below. For 115 VAC. From Japan. Wt., 29 lbs.
13 W 2580 RU. 89 Monthly
179.95

13 W 2581 RX. Oiled Walnut Case. 7 lbs. 30.00

# Dynakit Components . .Top-Value Stereo Systems 

## (A) B] "Stereo 70" Amplifier and PAS-2X Preamp Kits Save ${ }^{5} 30.00{ }^{\text {ooter }} \$ 12990_{\text {mombly }}^{\text {sit }}$

Separately, $\$ 159.90$ Famous Dynakit combination at a big $\$ 30.00$ savings save even more because you assemble the kits yourself. Famous 70 -watt rms basic amplifier delivers astonishingly pure sound. Full $10-40,000 \mathrm{~Hz}$ response, $\pm 0.5$ dB, with less than $1 \%$ distortion. Hum and Noise, more than 90 dB below output. Four EL34 tubes. 4-16 ohm output. PAS-2X stereo preamplifier provides complete control facilities for the "Stereo 70." Deluxe tube circuit has tape monitor, variable channel separation, scratch filter. Inputs for phono, tape head, tuner, recorder. Critical circuitry is prewired. Response, $\pm 0.5 \mathrm{~dB}, 10-40,000 \mathrm{~Hz}$. "Stereo 70," $6 \frac{1}{2} \times 91 / 2 \times 13^{\prime \prime}$. PAS-2X, $4 \times 13 \times 8$ ". Both include metal covers. For 115 volts, $60 \mathrm{~Hz} \mathrm{AC}. \mathrm{Shpg}. \mathrm{wt.}$,42 lbs.
13 W 0348 RL2U. Stereo 70 and PAS- 2 X Kits. $\$ 7$ Monthly 129.90 13 W 2237 RU. Stereo 70 Kit Alone. 31 lbs.
99.95

13 W 2535 X. PAS-2X Preamp Kit Alone, 11 lbs.
59.95



## New! Martel FAX-88 Sterea FM-AM Compact

- Compact Receiver and Speakers Easily Fit On Bookshelf
- Solid-State Circuit Delivers 40-Waft Peak Music Power

Sensitive 20-watt stereo FM-AM receiver drives two matched speaker systems, each with $5^{\circ}$ woofer and $21 / 2^{\circ}$ tweeter. Great stereo realism. Full array of controls and inputs. AC convenience outlet. Tuning meter, stereo indicator light. Walnut cabinets. Receiver and speakers each $11 x 63 / 47^{\prime \prime} .120$ VAC. Japan. 29 lbs.
13 W 2045 U. $\$ 7$ Monthly.
139.95

FAX-88 Stereo Compact with Allied 480 4-Speed Automatic Turntable. Save $\$ 15.35$. Separately, $\$ 164.85$. With base and dual-stylus stereo ceramic cartridge.
13 W 0314 L3U. Wt., 40 lbs. 88 Monthly..
149.50


## Martel RA-800 120-Watt Stereo System

- All-Silicon Amplifter - Deluxe Automatic Turntable
- 3.Way $10^{\circ}$ Speaker Systems in Walnut Veneer Cabinets

Separately, S2.54.70. Outstanding stereo phono system features Martel RA-800 Ali-Silicon Solid-State Stereo Amplifier: Delivers full 120-watt IHF output. 20-50,000 Hz . Full array of controls and inputs for every source. With metal case. Deluxe Allied 919 4-Speed Automatic Turntable with Base and Pickering V15/AC-3 Stereo Magnetic Cortridge. Cuing, low-mass arm. Two Allied 3005 Three-Way $10^{\circ}$ Walnut Speaker Systems. $10^{\circ}$ woofer, $6^{\circ}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Cables. 78 lbs .
13 W 0324 D5U. $\$ 10$ M onthly.
209.50

13 W 2038 U. RA-800 Alone. Japan. 24 lbs... . . . . . . . 109.95

# Outstanding Values in Hi-Fi Components 

## Cut ${ }^{2} 2$ More!

Now Only
$\$ 34950$
$\$ 17$ monthly

- Field-Effect Transistor Front-End
- Finest-Quality Silicon Transistors
- Noise-Free Between-Station Hush
- Automatic Stereo FM Switching
- Front-Panel Level Adjustment
- Zero-Center Tuning Meter
- Tape Monitor - Headphone Jack


Shown in metal case

## Sherwood S-7800 140-Watt Solid-State Stereo FM-AM Receiver

Last Low Sale Price Was $\$ 369.50$. Professional-quality receiver boasts all-silicon transistor circuit with Field-Effect Trangistors in RF and mixer stages for extraordinary stereo FM, and superb AM. Instant output overload protection. Main/Remote speaker switches; stereo headphone jack. Output, 140 watts IHF. Power Bandwidth, $12-35,000 \mathrm{~Hz}$. IM Distortion, $0.1 \%$. FM Sensitivity, $1.6 \mu \mathrm{~V}$ for 30 dB quieting. Capture Ratio, 2.2 dB . Size, $4 \frac{1}{2} \times 16 \frac{1}{2} \times 14^{\prime \prime}$. For $110-$ $120 \mathrm{~V}, 60 \mathrm{~Hz}$ AC. Optional walnut or metal case below.
13 W 2424 RU. Shpg. wt., 27 lbs. s 17 Monthly
349.50

13 W 2475 RX. Walnut Grain Metal Case. Wt.. 8 lbs.
9.00

13 W 2429 RX. Oiled Walnut Wood Case. 8 lbs. $\$ 5$ Monthly. .................. 28.00


## AR

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- 60-Watts-per-Channel rms Drives Any Speaker System
- Full-Range Sound at All Power Output Levels
- Clutch-Type Bass, Treble Cantrols for Each Channel


## AR 120-Watt Stereo Amplifier-All-Silicon Solid-State Design

Acoustic Research stereo amplifier with many circuit advancements, at an outstanding low price. All-silicon transistors and DC driver clamping circuit boost usable dynamic range, and hold harmonic distortion to less than $0.5 \%$ at full 120 -watt output. Wonderfully clear sound, with flat response from $20-20,000 \mathrm{~Hz}$ even at full power. Idler power supply prevents turn-on noise bursts when main amplifier switch is off. Null eircuit for perfect channel balance. Inputs for magnetic phono, tuner, tape. Outputs: $4-16$ ohms; tape. 120 watts rms at 4 ohms; 100 watts at 8 ohms. Black cover. Optional walnut case, below. $41 / 2 \times 153 / 4 \times$ $10^{\circ}$. For 117 VAC. Shpg. wt. 21 libs. 13 W 2445 U. s12 Monthly.
225.00 13 W 2446 X. Oiled Walnut Wood Case. 6 Ib 15.00

## Clearance Sale! Special Purchase of E-V Receivers

## Electro-Voice 1177 Solid-State



Cut 58 More!
\$16900
\$9
monthly

## 65-Watt Stereo FM Receiver

Last Low Sale Price Was $\$ 177.00$. Combines advanced solid-state circuit, exquisite styling and extremely compact design. 65 -watts powand extroduces music with brilliant clarity and full dynamic range. Stereo indicator light; moving "spot-of-light" dial pointer; colorcoded indicator lights.
Inputs for magnetic phono, auxiliary, high level tape. Power: 65 watts IHF; 100 watts peak; 36 watts rms. Response, $20-20,000 \mathrm{~Hz}$. FM Sensitivity, $2 \mu \mathrm{~V}$ for 20 dB quieting. Capture Ratio, 2.5 dB . Distortion, less than $1 \%$ at rated output. Outputs: 4-16 ohms; stereo headphones; recording. With metal stereo headphones, recording. cover . $33 / 8 \times 153 / \mathrm{m}^{\mathrm{x}}$ $10{ }^{1 / 4} 4^{n}$. For 117 VAC. Wt., 17 lbs.
13 W 2756 X. 89 Monthly.
169.00

# Sensational Values in LP Stereo Record Sets 



## SPECIẮL PACYAGE OFFER <br> buY both capirol limited edition sets at combination price

## $\$ 17^{95}$

A CAPITOL "THAT'S ENTEATAINMENTI" Five-record stereo Bet A includes: (1) Alired Newman Conducting The Beautiful, Laura, 5 Do-Re-MI, My Favorite Things. The Bad and The Beautiui, Laura, more: (2) Les Banter Condueting: Camelot Mediey, If Ever (3) Judy Leave You, Younger Thaw Springtime, Bais Mai, , Larland: Over the Rainbow, I Concentrate on You, Litte Girl Blue, 2 Garland: Over the Rainbow, Concentrate on You, Hit Face, Stranger more; Gordon Mac inatible Paradise. The Impossible Dream, 2 more; (4) Nency Wilson: You're in Paradise, The Impossible Dream, 2 more; ( Tonight, 1 more; The New Conna Hear From Me, 1 more; Clasic Singers: Strangers in the Night, 1 more; Mation (5) Fred Waring Romance, I more; Al Martino: Whithout A Song, As Time Goes By, Lover Come Back to Me, Dancing in the Dark, 6 more. Come Back to Me, Dancing in the
13 W 2008 EX . Shpg. wt., 3 lbs..
(1) CAPITOL "THE BIG SOUND OF THE BIG BANDS." Fiverecord stereo set inciudes. (1) Gien Gray Oroh*stra: Smoke Rings. Let's Dance, Midnight Sun. Harlem Nocturn, Take the A' Train, One clock Jump, 4 more; (2) Harry James Orchestra; Youre My hail Wilow Weep For Me, Blues for Sale, I Want a Lictie Giri, 4 more, Atan Konton Orchestra: Malaguena, Moonight in Night We Called It A Day, Eager Beaver; (4) Les Brown Orchestra: The Nutcracker Suite, Porgy and Bess Overture. Siaughter on Tenth Avenue, Rhapsody in Blue, An American in Paris; (5) Ray Anthony Orchestra: Annie Laurie, Deep River, Reuben-Reuben, Camptown Races Blue Bells of Scotland, Kerry Dance, Dry Bones, American Patrol Swing Low, Chop Sticks. 3 . 2010 EX. Shpg. wt., 3 bs.
. 5 - Aecord Set 9.95
SPECIAL PACKAGE OFFER. Both record sets-"That's Entertainment," and "The Big Sound of The Big Bands"-10 LP records in all at $\$ 1.95$ combination savings.
13 W 0323 L2EX. Shpg. wt., 6 lbe..
Both Sots for 17.95

## Unique Ten-Record Organ Music Set

 Shows off the full tonal range of your stereo system as only organ records can. Collection ineludes: George Wright Plays the Mighty Wurlitzer Organ; Showtime; The George Wright Sound; Encores, Vol. II; The Genius of George Wright; The Roaring 20's; Have Organ Will Travel; Command Performance; Original Sweet and Low. 13 W 2022 REX. Shpg wt., 5 lbs...... 10 Record Set 17.88

## George Wright's Magnificent "Organ Spectacular in Stereo" <br> $\$ 788$

## Allied's 15-Record Stereo Extravaganza -Price Cut for Outstanding Value



## Comprehensive Stereo LP Record Library

Was $\$ 22.50$. Complete record collection by "Time." Includes 5 packages of three $12^{\prime \prime}$ LP's each. Excellent stereo quality, wide dynamic range, extra playing time for more music. Shpg. wt., 8 lbs. 13 W 2027 REX. 85 Monthly
19.50

## 262 of Your Favorite Selections- $\mathbf{1 5}$ Hours!

Includes such favorites as: The Sound of Music; People Will Say We're In Love; It Might as Well Be Spring; Getting to Know You; If I Loved You; I've Got You Under My Skin; Easy to Love; In the Still of the Night; It N De-lovely; You d be so Nice to Come Day; They Can't Take that Away From Me; Marie.
Heat Wave; Always; The Best Thing For You; Remember; All the Things You Are; Smoke Gets In Your Eyes; The Way You Look Tonight: Pick Yourself Di ge Last Time L Saw Yaris; ini; How Have Danced All Night;
You Were Meant for Me; Singing in the Rain; That Old Feeling; I'min the Mood For Love; The Naked Island; A Handful of Stars; Harrison County; Taste of Love; Cleopatra; Hi Lili, Hi Lo; Temptation; Mam'selle; It's a Most Unusual Day; Three Coins in the rountain; Love is a Many Splendored Thing; wo Guitars; More Than You Know; The Americanization of Emily; How the West Was Won; Mutiny on the Bounty; Diane; Fascination; My Reverie; Once in a While; My Man: Don't be That Way; Can Can; Volare; Greensleeves; Over the Rainbow; Chattanooga Choo Choo; La Dolce Vita; Rachmaninoff Rhapsody; The Green Leaves of Summer: High Noon; Clair De Lune; Blu
Mataguena; Frenesi; Yours; Perfidia; Besame Mucho; La Cucaracha: Mexican Hat Dance; El Relicario; Cielito Lindo; Andalucia: You Belong to My Heart; Poinciana; Flight of the Bumble Bee; $O^{*}$ Sole Mio; Tosellis Serenade; Santa Lucia; Green; Love is Here to Stay; plus 167 others.

## Three Outstanding High-Fidelity Automatic



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| A-Pole | Needle |
| Motor | Pressure |

Separately, 574.78. A marvelous value, and sold exclusively by Allied. Perfectly matched outfit gives you first-rate stereo at a money-saving low price. Includes Knight KN-990A 4-Speed Automatic Turntable, Empire's Deluxe 888E Magnetic Elliptical Stereo Cartridge, plus Oiled Walnut Wood Base. Heavy 11 "-diameter turntable and 4-pole motor assure exact speeds of $162 / 3,331 / 3,45$ and $78-\mathrm{rpm}$. Tubular pickup arm has integral stylus pressure and balance gauge adjustment, calibrated from 0 to 5 grams. Changer mixes all $7^{\prime \prime}, 10^{\circ}$ and $12^{\prime \prime}$ records of same speed. Automatic shut-off. Gray with brushed chrome trim. Base, 12x14". Empire cartridge has 30 dB channel separation, full frequency response. Optional $45-\mathrm{rpm}$ spindle below. For $110-120 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$. 14 W 0394 D2U. Shpg. wt., $16 \mathrm{lbs} . \$ 5$ Monthly. 14 W 5458 RX. Changer Alone. Shpg. wt., 12 lbs. 25 M onihit1.95

## Turntable Values..All Exclusive at Allied!



# Famous GARRARD Automatic Turntables 



## SL95 Automatic Turntable and Cartridge

Sove Up to $\$ 39.94$. Every deluxe feature for superlative performance and operating convenience. Plays up to 6 records automatically or operates manually. Synchro-Lab motor for exact speed accuracy at $331 / 3,45$ and 78 rpm . Ultra-low mass pickup arm; adjustable counterweight; anti-skating control; stylus force dial. Combined manual and cuing controls and combined speed and record size selector. $1513 / 16^{\circ} \times 145 / 8^{\prime \prime}$. With stereo elliptical cartridge for 1 more-choose Empire 888 E , Pickering V15/ATE-3 or Shure M44E. Order base, 45rpm auto. spindle below. $115 \mathrm{~V}, 60 \mathrm{~Hz} .13$ lbs. sy Monthly
13 W 0081 RCDU. Specify Cortridge. . . 129.51 Sl95 With Deluxe Elliptical Cartridge for $\$ 5$ More. Save $\$ 44.95$. Empire 888 TE or Pickering XV-15/AME.-specify. Shpg. wt., 13 lbs. 13 W 0082 RCDU. If Monlhly.
134.50 13 W 3061 RU. SL95 Alone. 13 lbs.
129.50

## SL95 with Superb 999VE Cartridge



Save 849.95. Garrard's finest automatic turntable with Empire's finest stereo elliptical cartridge. 13 lbs. 13 W 0083 RDU. $\$ 8$ Mo. 154.50

## SL65 Automatic Turntable and Cortridge

Sove Up to $\$ 29.94$. Fine 4 -speed automatic turntable has Synchro-Lab motor. Plays record stack, or manual. Tubular arm with adjustable counterweight. Cuing, anti-skate, stylus force dial. $153 / 8 \times 133 / 8^{\prime \prime}$. With stereo elliptical cartridge for $1 \%$ more-Empire 808E, Pickering V15/ACE-3 or Shure M32E. Order base, 45 auto. spindle below. 115 V , $60 \mathrm{~Hz} .13 \mathrm{lbs} .85 \mathrm{Month} l y$
13 W 0079 RCDU. Specify Cartridge. . . . 79.51
St 65 With Lighter-Tracking Elliptical Cartridge for $\$ 5$ More. Save Up to $\$ 34.95$. Empire 888E, Pickering V15/ATE-3 or Shure M44E. 115 $V, 60 \mathrm{~Hz}$. Shpg. wt., 13 lbs .
13 W 0080 RCDU. Specify Cortridge.
84.50

13 W 3063 RU. SL65 Alone. 13 lbs........ 79.50

## Genvine Garrard Accessories

*Includes accessory tray.

| Stock No. | Description | Lbs. | EA. |
| :---: | :---: | :---: | :---: |
| 13 W 3153 RX | Base for SL65. SL. 55 | 5 | 4.95 |
| 13 W 3067 Rx | Base for SL95* | 6 | 5.95 |
| 13 W 3165 Rx | Dust Cover, SL65, SL55 | 5 | 4.95 |
| 13 W 3154 RX | Dust cover. SL95 | 5 | 5.95 |
| 13 W 3087 R | $45-\mathrm{rpm}$ auto. spindle for SL65. SL55 |  |  |
| 13 W 3076 R | 45-rpm auto. spindle, SL95\| | $1 / 2$ | 3.80 |



## Complete DUAL Automatic Turntable Outfits




## 1019 Automatic Turntable Outfit

Dual 1019 Automatic Turntable. ......... . $\$ 129.50$ DCB3 Deluxe Base/Dust Cover Combination 29.50 Pickering Stereo Elliptical Cartridge . . . . . . 49.95

| $\text { Save } \$ 59.25$ |  | TOTAL | \$208.95 |
| :---: | :---: | :---: | :---: |
|  |  | Outfit Price | 149.70 |
|  |  | YOUSAV | \$59.25 |

## - $1070 \$ 8 \quad$ Balanced $71 / 2-\mathrm{lb}$. Platier <br> $\$ 4970 \underset{\text { monthly }}{\$ 8}$ - Tracks As Low As $1 / 2$ Gram <br> - 4-Speed Continuous-Pole Motor

Dual's finest automatic turntable. Automatic or manual. Four speeds; $6 \%$ vari-pitch range. Precision cuing. Adjustable counterwieight. Anti-skate. $123 / 4 \mathrm{x}$ $1034^{*}$. Reg. $6^{*}$ above, $3^{\prime \prime}$ below mtg. board. With base/dust cover combination and PickeringX V-15 AME cartridge. $115^{-}$VAC. W Germany. 13 W 0397 D2U. 33 lbs. 88 Monthly.
149.70


V15/AME-2

$\$ 9^{95}$

PICKERING V15/ATE-1

$\$ 6^{88}$

(c) Pickering V15/AM-2 Conical Cartridge. Stereo cartridge has .0007" diamond conical tip stylus. Tracks from $3 / 4$ to 3 grams. Frequency regponse, $20-20,000 \mathrm{~Hz}$. Separation, 35 dB. Shpg. wt., 3 oz.
13 W 3896 S.
13.95
(D) Pickering V15/AT-2 Conical CarPridge. Amazing value on stereo cartridge with $.0007^{\prime \prime}$ diamond stylus. 35 dB channel separation. Frequency response, $20-20,000 \mathrm{~Hz} .1-5 \mathrm{gm}$. tracking. Shpg. wt., 3 oz .
13 W 3963 s.
10.88

## EXCELLENT VALUES IN FAMOUS-NAME STEREO MAGNETIC CARTRIDGES

## SHURE M7/N21D

Conical
\$995


> Quality Cartridge of Low Cosf

Excellent value in an outatanding Shure stereo magnetic cartridge with . $0007^{\prime}$ conical diamond stylus. May be used with automatic or manual turntables. Frequency Response: $20-20,000$ Hz. Compliance: $9 \times 10^{-6} \mathrm{~cm} / \mathrm{dyne}$. Separation: 20 dB . Tracks from 1 to 21/2 grams. Shpg. wt., 3 oz.
13 W 3915 RS.
9.95


## Save Up to 39.95 on AR Outfits



AR "XA" Turntable Outfit with Stereo Cartridge
only ld more

## 4-k

Empire 888 Pickering Shure M44-5 Reg. $\$ 24.95$ V15/AC. 3 Reg. $\$ 21.95$ Reg. $\$ 24.95$
only $\$ 10$ more

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888TE Pickering
$\begin{array}{cc}\text { 888TE } & \text { XV.15/AME } \\ \text { Reg. } \$ 49.95 & \text { Reg. } \$ 49.95\end{array}$

## $\stackrel{7}{*}$ <br> Cartridge $\$ 5$ monthly <br> 

Save Up to $\$ 24.95$. Turntable with viscous-damped $12^{\prime \prime}$ arm, walnut base, plastic dust cover, cable, plus stereo cartridge for $1 \&$ more. Belt drive for $331 / 3,45-\mathrm{pm} .51 / 4 \times 163 / 4 \times 23 / 4$. For 115 VAC. Erapire, Shure or Pickering cartridge-specify. 13 W 0066 RCDU. Shpg. Wt., 20 lbs. 85 Monthly. . . . . . . . . . . . 78.01
XA Outfit with Elliptical Stereo Cartridge. Save $\$ 99.95$. Choice of Empire 888 TE or Pickering XV-15/AME-specify.
13 W 0309 CDU. Shpg. wt., 20 lbs. $\$ \overline{5}$ Monthly. . . . . . . . . . . . . . . 88.00 13 W 3119 RU . XA Tumtable Ouffit Alone. Shpg. wt., 20 lbs. . . . 78.00

## Empire 398C Turntable, Base and 888TE 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-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 $0.05 \%$. Ruinble: better than -65 dB . Retractable $45-\mathrm{rpm}$ adapter. Rubber mat. Satin chrome finish. Walnut base, $83 / 4 \times 17 \times 15^{\prime \prime}$. For 117 VAC .
(A) 398C with Empire 888TE. Deluxe stereo cartridge. $15^{\circ} .0002^{\prime \prime} \times .0007^{\prime \prime}$ elliptical diamond tip stylus. $6-32,000 \mathrm{~Hz}$. Output 5.0 mV per channel. Separation: 30 dB . Compliance: $25 \times 10^{-6} \mathrm{~cm} /$ dyne. Tracks, $1 / 2-2$ grams. 13 W 0006 DU. 398 C and 888 TE. 28 lbs .134 .88 398C with Empire 999VE. Empire's finest stereo cartridge for unmatched performance. $0002^{\prime \prime} \times .007^{\prime \prime}$ extra-high compliance elliptical diamond stylus. $6-35,000 \mathrm{~Hz}$. Output 5.0 mV per channel. Separation: 30 dB . Compliance: $30 \times 10^{-6} \mathrm{~cm} /$ dyne. $1 / 2-11 / 2$ grams. 13 W 0004 DU. 398 C and 992 VE. 28 lbs. 15988

## Special Purchase! Empire 8885E Super-Elliptical or 888P Conical-Tip Stereo Cartridge


(C) Empire 888SE Super-Elliptical Cartridge. Outstanding magnetic stereo cartridge for finest manual or automatic turntables. $15^{\circ} .0007^{\prime \prime} \times .0003^{\prime \prime}$ diamond stylus. 6$32,000 \mathrm{~Hz}$. Compliance: $25 \times 10^{-6} \mathrm{~cm} /$ dyne. Separation: 30 dB . Tracks, $1 / 2-3$ grams. 13 W 3991 RS. Shpg. wt., 4 oz_...... 21.95
(D) Empire 888P Conical-Tip Cartridge. Fine - magnetic stereo cartridge for automatic or manual turntables. $15^{\circ} .0006^{\prime \prime}$ conicaltip diamond stylus. Response: $10-28,000$ Hz. Output: 8.0 mV per channel. Compliance: $15 \times 10^{-6} \mathrm{~cm} /$ dyne. Separation: 30 dB . Tracks from $1 / 2$ to 4 grams.
13 W 3986 RS. Shpg. wt., 4 oz. . .... 14.95

# Save Up to s60.14 on Knight Speaker Systems 

## KN-2380 Three-Way 15-inch Speaker System Knight's Finest High-Fidelity Speaker System <br> 

in pairs
Knight's very best speaker system offers deluxe features for superb sound at unusually low price, plus you save an additional $\$ 60.14$ when you buy a pair! Features giant $15^{\prime \prime}$ woofer with $13 / 4-1 \mathrm{~b}$. ceramic magnet for organ-like bass. Ultra-smooth midrange speaker and dome-radiator tweeter, with separate level controls, reproduce the mid- and high-frequencies with life-like clarity. You get a phenomenal response of 20 Hz to beyond the audio range.
Fine furniture cabinetry, features hand-sculptured solid walnut molding, flush-grooved $31 / /^{\prime \prime}$ base, and hand-rubbed furniture veneers. Operates vertically on floor base or horizontally on shelf. $3 / 4$ " hardwood construction eliminates the possibility of unwanted resonances. Finished on 4 sides in luxurious oiled walnut veneer.
Handsome satin-black base is specially for floor use. Size, $301 / 4 \times 201 / 2 x$ 14". Power handling capacity: 50 watts, 100 watts peak. Impedance: 8 ohms. Shpg. wt., 55 lbs , each. Shipped express. 20 W 9514 RZ. *8 Monthly.
ch 149.95
in Pairs. 6 Monthly
Each 119.88


KN-3002 Two-Wry \&-inch Shelf Speaker System


Woofer produces deep, powerful bass tones down to 50 Hz . Directradiator $31 / 2^{\prime \prime}$ tweeter offers highs to $15,000 \mathrm{~Hz} .3 / 4^{\prime}$ oiled walnut cabinet, $123 / 8 \times 15 \times 9^{\prime} .30$ watts peak. 8 ohms. $161 / 2 \mathrm{lbs}$. each.
20 W 9535 RX. \& 6 Mo... . Each 19.95
In Pairs.
Each 18.45

Save s3 min
$\$ 1845$
in pairs

## KN-2260 "Thinline" Three-Way 12-inch Speaker System



12* high-compliance woofer for smooth bass down to $30 \mathrm{~Hz} .8^{\text { }}$ closed back midrange; compression tweeter for treble to $20,000 \mathrm{~Hz}$. $3 /{ }^{\text {" }}$ walnut veneer cabinet, $17 \times 25 \times 8^{\circ}$. Capacity, 25 watts. Impedance, 8 ohms. 40 lbs. each.
20 W 9556 RU. $\$ 5$ Mo. . Eoch 74.95 In Pairs. 85 Monthly. . . . Each 62.45

Save ${ }^{5} 25$ min

in pairs

KN-3005 Three-Wry 14-inch Shelf Speaker System


Separate $10^{\prime}$ woofer, $5^{\prime}$ midrange, $31 / 2^{\prime \prime}$ tweeter combine for smooth response of $40-16,000 \mathrm{~Hz} .3 / 4^{\prime \prime}$ oiled

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

 walnut veneer cabinet, $12 \times 22 \times 8^{\circ}$. Capacity, 40 watts peak. Imp.: 8 ohms. $201 / 2$ lbs. each.20 W 9537 RU. $\$ 0$ Mo...Eech 29.95
In Pairs. 5 Monthly.
Each 27.45

KH-3030AK Three-Way 12-inch Speater System Kit


3-way system kit boasts $12^{*}$ woofer, $6^{\circ}$ midrange, $31 /{ }^{2}{ }^{\prime \prime}$ tweeter. Electrical crossover. Ready-to-oil Save ${ }^{5} 5$ $3 / 4$ " hardwood. $141 / 2 \times 24 \times 9^{\prime \prime}$. Response: $35-17,000 \mathrm{~Hz}$. Capacity: 60 watts peak. 8 ohms . Walnut finishing oil. parts. instr. 28 lbs. ea.
20 W 9543 RU. $\$ 5$ Mo.. Erch 39.95 in Pairs. 85 Monthly. .. . Eech 37.45
$\$ 377_{\text {Eoch, monhly }}^{\$ 5}$ in pain:

# Our Lowest Price Ever for a Pair of These UTAH 8-inch Acoustic-Suspension Speaker Systems! Save $\$ 48.95$ 



Utah AS-2 Acoustic-Suspension Two-Way $\mathbf{8}^{\prime \prime}$ Speaker System


> One System

Two Systems
\$5』95 $\begin{gathered}\$ 5 \\ \text { monthly }\end{gathered}$
Buy a pair for only $\$ 1$ more than the price of one-get almost double the value! You pay only $\$ 50.95$ for both speaker systems. These systems sell in our 1968 Catalog at $\$ 49.95$ each. Don't miss this great opportunity on an acoustic-suspension compact-only $11 \times 18 \times 9^{\prime \prime}$-that delivers truly big sound. Engineered for quality, priced for big sale savings.
Features 8 -inch acoustic-suspension high-compliance woofer with large 1" specially-wound, four-layer voice coil and specially-treated cone. Reproduces powerful bass down to $40 \mathrm{~Hz} .31 / 2$-inch square tweeter with $9 / 16$-inch diameter voice coil offers sparkling, life-like treble to $18,000 \mathrm{~Hz}$. Altogether, an extremely wide, acoustically-balanced frequency response.
Crossover network with frequencies divided at 4500 Hz enables each speaker to operate at its most effective range, while blending to give a finely-balanced overall tonal performance. Cabinet is constructed of sturdy $3 / 4$-inch hardwood panels with walnut veneers oiled and rubbed to a glowing luster. Interior of enclosure is designed to damp-out standing waves and otber spurious vibrations. Acoustically-transparent grille cloth assures unrestricted passage of high frequencies. Maximum power handling capacity: 15 watts, 25 watts peak power. Voice coil impedance: 8 ohms. Size: $11 \times 18 \times 9^{*}$. Shpg. wt., 22 lbs. each.
20 W 7073 RU. One Speaker Syslem. 55 Monhly.

Empire 4000 M Two-Way 10 -inch Pedestal-Style Speaker System

## Save s30

## [2995 <br> With <br> Imported <br> Marble Top

$\$ 7$ monthly



Was $\$ 159.95$. Unique pedestal-style speaker system features $10^{\prime \prime}$ high-compliance woofer, directradiator midrange/tweeter with wide-angle dispersion. Response: $\mathbf{3 0 - 1 8 , 0 0 0 ~ H z}$. Capacity: $\mathbf{6 0}$ watts. Imp.: 8 ohms. Satin walnut Ginish, Marble top. $25 \times 18^{\prime \prime}$ dia. Express. 20 W 7391 RZ. Wt., 85 lbs. $\AA 7$ Monthly. 129.95

## University K-2 Enclosure Kit plas Model 201 Two-Way $8^{\prime \prime}$ Speaker-Save $\$ 5.00$ When You Buy Both



## Buy Both for $\left\{5^{95}\right.$

Ideal for low-cost system or extension speaker. Ready-to-assemble kit. $175 / 8 \times 91 / 2 \times 6^{1 / 4}$. 2-way speaker has treble cone. Response $50-20,000 \mathrm{~Hz}$, Capacity, 30 watts. 8 ohms. 20 W 0005 L 2 X . Wt., $17 \frac{1}{2}$ lhs.

Both for 15.95 20 W 8064. University $2018^{\prime \prime}$ Speaker Alone. Wt., 7 lbs...... 11.00 20 W 8066 X. University K-2 Enclosure Alone. Wt., $101 / 2 \mathrm{Hbs} . \mathrm{C} .9 .95$

# Get Two Great \$8950 Utah Speaker Systems for 

(anu


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## Repeat Sale! 2 UTAH WD-66 Three-Way 12" Speaker Systems

- 12-inch Woofer Has Dual-Diameter Magmet
- Direct-Radiator 6-inch Midrange Speaker
- Square $31 / 2$-inch Tweeter for Sparkling Highs

A remarkable value by any standard of comparison! Now you get two Utah three-way high-fidelity speaker systems at one sensational low price. Each of these deluxe Model WD66 speaker systems features a big 12 -inch woofer with dualdiameter magnet equivalent to 1 -pound, $5 \frac{1}{2}$-ounces of Al nico $V$-plus a $11 / 2$-inch copper voice coil for powerful, rich bass. Direct-radiator 6 -inch speaker for smooth midrange. Square $31 / 2$-inch tweeter for sparkling treble. Dualdiameter magnet design assures maximum sound output per watt, allowing use of smaller amplifiers with outputs as low as 10 or 12 -watts per channel. Uniform frequency re-

- Ducted-Port $3 / 4$-inch Walnut Veneer Enclosure
- Fibergloss-Lined Interior Prevents Resonance
- Builf-In Crossovers for Smooth Reproduction
sponse from 30 to $17,500 \mathrm{~Hz}$. Built-in crossovers at 2000 and 5000 Hz for smooth frequency distribution. Attractive ducted-port $3 / 4$-inch walnut yeneer enclosure is not only a decorative addition to the home, but also enhances the bass response of the woofer. Fiberglass-lined interior prevents unwanted resonance, further improving tonal quality. Matching grille cloth is designed to allow free passage of higher frequencies. 30 watts; 60 watts peak. 8 ohms. $14 \frac{1}{2} \mathrm{x}$ $24 \times 9^{\prime \prime}$ deep. Wt., 29 lbs . each.
20 W 7079 RU. $i 5$ Monthly.
Two Systems for 89.50
One Speaker Sysiem. 85 Monthly


Knight ${ }^{\otimes}$ KN-615HC Three-Way 15 " Speaker with 5-Pound Magnet

## Save $\$ 15.00$

Now Only 55995

Was $\$ 74.95$. Our very best Knight speaker-one of our very best sale values! No other speaker anywhere near this sale price comes close to matching the performance of the $\mathrm{KN}-615 \mathrm{HC}$.
Huge $15^{\circ}$ high-compliance woofer provides deep, powerful bass down to 20 Hz . Massive 5-lb. ceramic magnet: $21 /{ }^{*}$ copper-ribbon voice coil. Radax midrange cone with mechanical crossover at 2000 Hz gives added realism to middle frequencies. Built-in electrical crossover directs frequencies above 3500 Hz to the compressiontype VHF tweeter-rectangular diffraction horn; 6.8-oz. ceramic magnet; $1^{\prime \prime}$ aluminum voice coil. Elements aligned in strong cast alloy frame. Response: $20-20,000 \mathrm{~Hz}$. Capacity: 50 watts. Impedance: 16 ohms. Depth: $91 / 8^{\circ}$. 20 W 9502 RU. $311 / 4$ lbs. $\$ 5$ Monihly . . . . 59.95

## High-Fidelity Speakers at Special Sale Prices


 for Only
\$5 monthly
SPECIAL PURCHASE!

## Utah C12PC-3B "Celesta" Three-Way 12" Speaker

One Speoker

One of our most popular high-fidelity speakers, now offered at sensational savings! Big $12^{*}$ woofer with $41 / 2^{-1 b}$. magnet structure. cloth-roll suspension, and $11 / 2^{\prime \prime}$ voice coil reproduces powerful bass down to 25 Hz . Midrange cone and tweeter with Alnico $V$ magnet carry crystal-clear highs to beyond audibility. Crossovers at 1000 and 3500 Hz . Large windows in frame permit free cone travel ; internal dust seal protects voice coil gap. Moisture resistant. Rigid die-cast frame assures perfect alignment of elements. Fingertip terminals. Capacity: 45 watts. Impedance : 8 ohms. $5{ }^{11 / 16{ }^{*} \text { deep. Wt., }}$ $121 / 4 \mathrm{lbs}$. each.
20 W 8229 RX. 1 Spkr. 34.952 Spkrs. 35.95

## Utah C12PC-2A Two-Way 12" HightFidelity Speaker

Special purchase makes this outstanding speaker value possible. Buy a pair for the sensational low price of $\$ 27.50$. High-compliance $12^{\prime \prime}$ woofer delivers solid bass down to 30 Hz . Treble cone gives response to $20,000 \mathrm{~Hz}$. Powerful 20-oz. ceramic magnet and long-throw $11 / 2^{\prime \prime}$, voice coil combine for the very best in high-fidelity reproduction. Solid die-cast frame assures accurate alignment of moving parts-large frame windows allow maximum cone travel. Internal dust cap; moisture-resistant construction. Spring-loaded terminals are col-or-coded for easy phasing. 45 watts. 8 ohms. $51 / 2^{*}$ deep. Wt., $111 / 2$ lbs. each.
20 W 8227 RX. 1 Spkr. 26.50 2 Spkrs. 27.50

## THESE TWO OUTDOOR SPEAKERS ON SALE UNTIL AUGUST 3OTH ONLY



## Repeat of Sale!

Utah HFOD-8A Two-Way $8^{\prime \prime}$
Patio Speaker System
\$ ${ }^{88}$

Enjoy your music system outdoors; extend it to your patio! Quality $8^{\prime \prime}$ two-way speaker is housed in green weatherproof drawn-steel cabinet. Volume control. $25^{\prime}$ cable. $35-18,000 \mathrm{~Hz}$ response. Capacity: 15 watts. 8 ohms. $107 / 8 \times 107 / 8 \times 53 / 8^{\prime \prime}$.
20 W 8448 RX. Shpg. wt., $71 / 2$ lbs.
9.88

## Repeat of Sale!

Electro-Voice Sonocaster Outdoor $8^{7 \prime}$ Speaker System 51888

Radax coaxial $8^{\prime \prime}$ speaker system. Molded steel-gray weatherproof housing cannot chip, fade, or peel. Carrying handle. Mounting bracket. Frequency response: $70-13,000 \mathrm{~Hz}$. Capacity: 30 watts peak. Impedance: 8 ohms. Overall size, $168 / 4 \times 17557 / 8^{\prime \prime}$. 20 W 7237 RX. Shpg. wt., 8 lbs. 16.88

## Outstanding Mi-Fi and Patio Speaker Values



## Utah D8P 8-inch Two-Woy High-Fidelity Speaker

Reg. $\$ 14.95$ Each. Special low sale price saves you over $33 \%$ when you buy two. Fine-quality speakers are ideal for stereo in custom installations. Only 4" deep-fit easily in bookshelf enclosures or any setup requiring a shallow area. Powerful $11 / 3$-pound dualdiameter magnet and $11 / 2^{\prime \prime}$ voice coil combine to give you the very finest in highfidelity reproduction. Moving elements are held in rigid alignment by the heavy-duty frame-frame windows allow maximum cone travel. Speaker delivers solid bass down to 35 Hz , brilliant treble to 13,000 Hz . Capacity 37 watts peak. Impedance: 8 ohms. Depth : $4^{*} . \mathrm{Wt},. 51 / 2 \mathrm{lbs}$ each. 20 W 8158 RX. 1 Spkr. 14.952 Spkrs. 19.90

## Two for Only $\$ 1990$

$\$ 5$ monthly


## Utah D8LA 8-inch Two-Way High-Fidelity Speaker

Outstanding high-fidelity speaker value! Imagine getting two $8^{\prime \prime}$ two-way speakers for just $\$ 11.73$. . . you actually pay less than $\$ 6.00$ each! Their impressive tonal performance and attractive exteriors have the sound and look of quality. High-efficiency Alnico $V$ dual-diameter magnets plus treated cone edges and whizzer cone assure rich, powerful bass and brilliant highs. Rigid frame construction provides permanent alignment of all parts. Long-throw $11 /{ }^{*}$ voice coil. Frequency response: 40 tó 16,000 Hz. Power handling capacity: 25 watts peak. Impedance: 8 ohms. Mounting depth: $4^{\prime \prime}$. Wt., 4 lbs. each. 20 W 8437 R. 1 Spkr. 10.73 -2 Spkrs. 11.73


Two Speakers

Limited Quantity


Save 50\%

Now Only

$\$ 140$

Was $\$ 29.00$. Sensational offer on a top-quality Utah speaker system component. Reproduces the brilliant very-high frequencies your present system may not be equipped to deliver. Package includes: $21 / 2$-inch Compres-sion-Type Tweeter, L-C Crossover; Level Control. Tweeter has wide 2000 to $19,000 \mathrm{~Hz}$ frequency response. Has 1.47-oz. Alnico $V$ magnet. $2^{5} 8^{\prime \prime}$ mounting depth. 8 ohms impedance. Crossover network is 50 -ohm $\mathrm{Lr} \mathrm{C}, 12 \mathrm{~dB}$ -per-octave type. Crossover frequency, 5000 $\mathrm{Hz}_{2} 25 / 8 \times 2 \times 2^{5} .8$ ohms impedance. Screw terminals. Level control is wirewound potentiometer. Has $4-\mathrm{ft}$. pre-soldered installation wire. Shpg. wt., $13 / 4$ lbs. 20 W $8111 R$.
14.50

LOWEST PRICE EVER
Get Second Speaker for
only $\$$
more

One Speaker
I995
$\$ 5$ monthly

Two Speokers ${ }^{5} 20^{95}$
\$5 monthly

## Utah "Celesta" 3-Way 8" Speaker .. Save ${ }^{5} 18.95$ When You Buy Two!

An unbeatable offer. You get two $8^{\prime \prime}$ three-way speakers for only $\$ 1$ more than the price of one-it's a $\$ 39.90$ value for only $\$ 20.95$. These speakers have a full-range response that recreates music with exciting realism. Deluse $8^{\circ}$ woofer has cloth-roll suspension and 10 -oz. barrium-ferrite magnet with massive steel return circuit. Produces powerful bass down to 35 Hz . Midrange cone smoothly covers the middle frequencies. Tweeter with Alnico V magnet offers pure highs to $20,000 \mathrm{~Hz}$. High-pressure cast frame locks moving elements in alignment. Internal dust seal protects voice coil. Moisture-resistant throughout. Spring-loaded terminals color coded for easy stereo phasing. 15 watts power capacity. 8 $\begin{array}{ll}\text { ohms. } 39 / 16 " \text { deep. Each. } 51 / 2 & \text { lbs. } \\ 20 \mathrm{~W} 8224 \\ \text { R. One Speoker ... } 19.95 \text { Two Speakers.... }\end{array}$

## Alufed Cassette Recorder . . Includes All These Extras



Snap-On AC Adapter . . . Looks Like Part of Recorder When In Use


Sensitive Start/Stop Dynamic Mike


Convenient VInyl Portable Carrying Case


Set of 5 "C" Batteries


Earphone for Private Listening


## ALIIED® Model 1100 Portable Cassette Recorder with 1* Bonus

\$5 monthly

- Cassoftes Snap In and Out Easily
- Records Up to 2 Hours (Both Tracks)
- Easy-to-Operate Koyboard Controls
- Level/Battery Condition Meter

Allied's own tape cassette recorder offers top value and versatility at a low price. Unbeatable for on-the-go recording in classroom, car, home or office. Records up to two hours of extra-clear mono (both tracks). Cassettes snap in and out quickly and easily. Operates from five "C" batteries or AC adapter, included, that snaps on to recorder. Adapter has cord storing compartment.
Easy pushbutton operation. Level/battery meter; extension speaker jack. Complete with AC adapter, remote start/stop dynamic mike, 60 -minute cassette, earphone, icarrying case, batteries, plus 5 extra Allied C-90 tape cassettes for only 1 \& more! $12 \times 6 \times 4^{\prime \prime}$. Japan. Shpg. wt., $9 / 2 \mathrm{lbs}$. 15 W 0100 L2X. 85 Monthly
59.96 15 W 7138 X. Recorder Less Cassette Bonus. 7 lbs...... 59.95 18 W 5078 R. Extra Batteries. Wt., 4 oz........ Pkg. of $2 / 33 \notin$

## Five Allied C-90 Tape Cassettes

## Save s/3.44

Cassettes Alone, \$13.45



# Cassette Recorders Save Up to ${ }^{\text {s }} \mathbf{1 0 . 0 0}$ 

## (A Norelce "150 Cerry-Corder" with AC Adapter

Separately \$79.40. The "Carry-Corder 150" produces exceptionally clear voice and music recordings for a recorder of such small size-measures only $73 / 4 \times 41 / 2 \times 214^{\prime \prime}$. Records up to two hours with easy-loading Philips-type tape cassette at $17 / 8$ ips (using both tracks). Fully transistorized, it runs for hours on inexpensive flashlight batteries or on 120 VAC with adapter.
Has input for radio and output for external amplifier. Complete with carrying case, remote start-stop microphone, blank tape cassette. Uses 5 batteries (order below). From Holland. Shpg. wt., 5 lbs. $\$ 5$ Monthly
15 W 0506 L2X. Recorder and AC Adaptar.
69.40

15 W 7212 RS. Tape Recorder Alone. $\$ 5$ Monthly. ..... 59.50
15 W 7215 R. AC Adapter Alone. Shpg. wt., 1 lb...... 19.90
18 W 5865 R. Extra Batteries, 4 oz.. . . . . . . . . Pkg. of 2 for 33 ;
(B) Wollensak Model 4200 Tape Cassette Recorder

Was \$74.95, Save \$5.00. Miniature monaural portable recorder records and plays up to two hours with easy-touse, drop-in Philips-type tape cassettes. Simple to operate -single 4-position switch controls all functions. Constantspeed capstan drive at $17 / 8 \mathrm{ips}$. Separate recording level and volume controls. Safety lock prevents accidental erasures. Combination Recording-level/Battery-condition meter. Frequency response: $\pm 3 \mathrm{~dB}, 80-10,000 \mathrm{~Hz}$. With sensitive remote control microphone, blank tape cassette, smart carrying case and batteries. Size, $41 / 2 \times 7 \frac{1}{8} \times 21 / 4{ }^{\circ}$. From Holland. Shpg. wt., 4 lbs,
15 W 7349 RS. 55 Monthly.
69.95

## [C Newl Aiwa Model TP-736 Cassefte Portable

Full-feature capstan-drive portable cassette recorder, with automatic volume control, at a low, low price! Ordinarily, you would expect to pay far more for these deluxe features. Records and plays mono at $17 / 8 \mathrm{ips}$ using easy-loading, drop-in Philips-type cassettes.
Capstan-drive insures constant speed for better recordings. AVC (automatic volume control) prevents over-recording by controlling recording level. Easy to operate, the TP-736 has a single 4-position selector lever control for forward, stop, rewind and fast-forward. Built-in 21/4" speaker has an exceptionally clear tone. Fully transistorized circuit includes 7 transistors and 1 thermistor.
Operates for hours on 4 inexpensive " $C$ " batteries. $5 x$ $81 / 4 \times 21 / 2^{\prime}$. With sensitive dynamic microphone, batteries, plus earphone for private-listening. From Japan. Shpg. wt., $41 / 2 \mathrm{lbs}$.
15 W 7033 U. 85 Monthly
39.95

## [D Aiwa TP-1004 Battery/AC Stereo Cassette Recorder

Compart stereo tape cassette system records and plays 4 -track stereo and mono on Philips-type cassettes. Truly portable, it operates on both batteries and AC current so you can use it wherever you go. Loads instantly, takes only seconds to insert tape cassette.
Positive-action pushbutton controls; level and tone controls for each channel; two record-level meters. Has two extended-range $3 \times 5^{\circ}$ oval speakers mounted in matching speaker enclosures that separate for true-to-life stereo sound.
Frequency response: $60-10,000 \mathrm{~Hz}$. Speed, $17 / 8 \mathrm{ips}$. Records from microphones, radio/phono/TV. Full-feature circuit boasts 14 transistors, 8 diodes and 4 thermistors. Convenient storage compartment. Complete with two dynamic microphones (one with remote control), blank tape cassette, two earphones. For $110-120 \mathrm{~V}, \mathrm{~Hz}$ AC, or batteries (included). Size, $123 / 4 \times 13 \times 31 / 2^{\prime \prime}$. From Japan. Shpg. wt., 9 lbs.
15 W 7162 X. 6 Monthly
109.95

## Save - AlLIED ${ }^{*}$ TD-1030 Tape Deck and Bonus



Includes 2 American/Electro-Voice D-20 Dynamic Mikes with Plugs, plus Deluxe Mike Corrying Case

## Save $\$ 28.42$

$\underset{\substack{\text { Deck, Wood } \\ \text { Case, and Bonus }}}{\$ 300} \begin{gathered}\$ 7 \\ \text { monthly }\end{gathered}$


## Top-Performing Solid-State 4-Track Stereg Tape Deck

T'ape Deck and Bonus Items Purchased Separately, \$163.42. Feature-packed solid-state deck has record/play preamps for 4-track stereo and mono-just plug it in to your present stereo music system or console and it's ready to play. Or you can simply plug stereo headphones into front-panel jack-deck has a built-in stereo headphone amplifier with its own level control. Automatic tape lifters protect tape heads during fast forward and rewind. Digital counter. Speeds: $71 / 2,33 / 4,17 / 8 \mathrm{ips}$. $7^{7}$ reel capacity. Response, $30-$ $18,000 \mathrm{~Hz}$ at $71 / 2 \mathrm{ips}$ for brilliant stereo sound. Operates vertically or horizontally

Two record-level meters; single-knob control; instant 3 sop; automatic shutoff; record-ready light; powerful capacitorstart motor. Two mike and two auxiliary inputs; amplifier and low-impedance headphone outputs. Front panel has fold-down cover for record controls and inputs. $151 / 2 \times 131 / 2 \times$ $63 / 4^{\prime \prime}$. For $110-120 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$. With deluxe wood case. $7^{*}$ takeup reel, patch cord, splicing tape, dust cover, plus Two Mikes and Case Bonus. From Japan. 15 W 0044 RL2U. Wt., 32 lbs. 7 Monthly.
135.00 15 W 7103 RU. Allied TO-1030 Tape Deck and Deluxe wrood Cose Alone. Shpg. wt., 23 lbs. $\$ 5$ Monthly.

## Save on ALLIED's Own Component FM-AM-Phono-Tape System

## Save $\$ 134.67 \$ 429^{98}$ mominy

Complete Stereo Entertainment Ensemble-Full Tape Record/Playback Facilities, plus Stereo FM-AM, Phono
Components Purchased Separately, \$664.65. An audio far's dream come true! This all-Allied system includes: Allied TD-1030 Stereo Tape Deck with deluxe wood case. Allied 365 Solid-State 65 - Watt Stereo FMAM Receiver delivers 130 watts peak power. Automatic stereo switching. Plug-in speaker connectors. Tuning meter. Speaker main/remote switch. Metal case. Allied 919 4-Speed Automatic Turntable with walnut wood base. Adjustable anti-skate, lowmass counterbalanced pickup arm, cuing and pause control. Automatic record changing, or manual. Pickering VIS/ATE-3 Stereo Cartridge with elliptical diamond stylus. Two assembled Knight KN-3030A Speaker Systems. $12^{\prime \prime}$ woofer, $6^{\prime \prime}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Oiled wainut veneer. With cables. 14 W 0317 D 6 Z. Wt., 121 lbs. $\$ 19$ Monthly. . 429.98 14 W 5003 RX. Walnut Receiver Case. 6 lbs..... 19.95


## Prices Slashed on Famous Stereo Tape Decks



> Save ${ }^{5} 10.00$ $\$ 99^{50}$
> \$5 monthly

Concord 501D Solid-State Stereo Tape Deck

- Three-Speed Operation
- Two Large Record Level Meters
- Pause Control and Digital Counter
- Recording Controts Concealed by Fold-Down Panel

Was $\$ 109.50$. Amazing low price for this quality solid-state stereo tape deck. Records four-track stereo or mono for playback through your stereo music system or console. Speeds: $71 / 2.38 / 4$ and $17 / 8$ ips. Pause control and digital counter simplify editing. Two large level meters indicate the exact recording level for perfect results every time. Recording controls and injputs are concealed behind a folddown panel. Response: $50-15,000 \mathrm{~Hz}$ at $71 / 2$ ips. Flutter and Wow: $0.25 \%$ at $71 / 2 \mathrm{ips}$. Inputs: Two mike, two radio/phono. Handsome wood base with black and silver panel. Less mikes. Size, $121 / 4 \times 14^{5} / 8 \times 4^{3} 4^{\prime \prime}$. For 115 volts, 60 Hz , AC. From Japan. Shpg, wt., 20 lbs.
15 W 7291 RU. \$5 Monthly.
99.50

## Save s 10.00 S4995 $\$ 8$ monthly

## Roberts 1721 Solid-State Stereo Tape Deck

- Pause Control and Digital Counter
- Dual Record Level Meters
- Two Volume, Two Tone Controls
- Automatic Shutoff at End of Tape
- Built-In Head Demagnetization

Was $\$ 159.95$. Professional-quality stereo deck adds taped stereo to your music system or console. Records and plays four-track stereo or mono tapes at $71 / 2$ and $33 / 4$ ips. Dual level meters indicate recording level for perfect results. Pause control and digital counter for editing and indexing. Volume and tone controls for each channel. Automatic shutoff at end of tape. Response: $40-15,000 \mathrm{~Hz}$ at $71 / 2 \mathrm{ips}$. Flutter and Wow: less than $0.25 \%$ at $71 / 2 \mathrm{ips}$. Inputs: two mike, two radio/phono. Outputs: Preamp, stereo headphone. Operates vertically or horizontally. 151/8×145/8x61/2". With $7^{\prime \prime}$ takeup reel. Less mikes. For 115 volts, 60 Hz AC . Shpg. wt., 19 lbs.
15 W 7372 RK. s 8 Monthly.
149.95

## Save ${ }^{5} 55.06$

Studio-Quality Viking Deck plus Amplified Speaker Systems

Deck and
Speakers


Separately \$397.06. Deluxe 88-RMQ compact stereo deck plus Viking 4400 amplified stereo speaker systems. Deck records 4-track stereo and mono. Three heads and independent playback preamps permit direct tape monitoring and sound-on-sound. Two VU meters, $71 / 2$ and $33 / 4$ ips speeds, digital counter. Response: $\pm 3 \mathrm{~dB}, 30-18,000 \mathrm{~Hz}$ at $71 / 2$ ips. $13 \times 13 \times 61 / 4^{\prime \prime}$. Optional case below. Speaker outfit delivers 30 watts per channel, has stereo headphone jack, on-off / vol. control, bass-boost switch. Each enclosure has $8^{\prime \prime}$ woofer, $31 / 2^{\prime \prime}$ tweeter. Walnut finish. Each, 14x16x5*. 115VAC.
15 W 0092 L2U. Deck and Speakers. 52 lbs... 342.00 15 W 7401 RU. Viking 88-RMQ Alone. 25 Ibs . . 288.96 15 W 7408 U. 4400 Speaker Outfit. 27 lbs. . . . . 108.10 15 W 7397 RX. Walnut Case. Wt., 10 lbs....... 16.11


## Recorder

Deluxe Solid-State Recorder by WorldRenowned Tandberg of Huge Savings

Model 12 Solid-State Stereo Recorder

Was<br>$\$ 149.50$<br>$\$ 34950$<br>$\$ 17$ monthly



Model 12E Solid-State Stereo Recorder

$$
\$ 44950
$$

Aftache-Style
Case for Easy
Portability
Professional-quality recorder with built-in $4 \times 7$ " speakers, language lab and PA features, level meters, 4 -digit counter, auto. shutoff. Records and plays stereo or mono at $71 / 2,38 / 4,17 / 8 \mathrm{ips}$. $30-20,000 \mathrm{~Hz}$. Sixwatt amplifier (up to 20 watts with external speakers). Inputs: Mikes, phono, multiplex, radio. Portable attache style case, $15^{3} \frac{8}{8} \times 11^{3} / 8 \times 7^{1 / 8 *}$. $7^{\prime \prime}$ take up reel. Less mikes. For 115 VAC. From Norway. Shpg. wt., 27 lbs. 15 W 7652 Z. s20 Monthly.
449.50

## Exclusive Allied Closeout on Concord Stereo Recorders



## Concord 600 Stereo Tape Recorder Price Cut

Save s30.00 $\$ 14950$

\$8 monthly

Was $\$ 179.50$. Solid-state stereo recorder features 10 -watt amplifier, detachable speaker enclosures. Records and plays 4 -track stereo or mono at $71 / 2$, $33 / 4,17 / 8$ ips. Level meters; pause control; digital counter. $50-15,000 \mathrm{~Hz}$ at $71 / 2$ ips. Inputs: 2 mike, 2 radio/phono. Outputs: stereo headphones, preamp. With 2 mikes, stands, 7 " takeup reel. patch cords. $10 \times 18 \times 10^{\circ}$. For 115 VAC . From Japan. Shpg. wt., 37 lbs.
15 W 7278 RU. $\$ 8$ Monthly.... 149.50

## Concord 994 Autómatic-Reversing Recorder

Remarkable value in an advanced de-
Repeat of Sale
$\$ 24950$
s13 momity sign solid-state recorder. Records, plays 4 -track stereo or mono up to 24 hours. Continuous playback for preset time- $1 / 2$-hour to all day. Automatic programing for reverse, single play, continuous play or manual. Automatic threading. Automatic stop. Full features, inputs, outputs. $71 / 2.33 / 4,17 / 8$ ips. With 2 inikes, 7 " takeup reel. For 115 volts, $60 \mathrm{~Hz} \mathrm{AC} .\mathrm{From} \mathrm{Japan}$. Shog. wt., 44 lbs. 15 W 7348 K. 118 Monthly 249.50

## Concord 884 Stereo Tape Recorder

Priced for a closeout, this deluxe solid-

Repeat of Sale
$\$ 20950$
\$11 monthly state stereo recorder is loaded with features. Records and plays 4 -track stereo and mono at $71 / 2,33 / 4$, and $17 / 8$ ips with echo, sound-on-sound, special effects. Keyboard controls. Two level meters. Monitor, 15 -watt stereo amplifier. Two speakers, one in lid for separation. $40-16.000 \mathrm{~Hz}$ at $71 / 2$ ips. With 2 mikes, $7^{*}$ takeup reel. patch cords. $11 \times 15 \frac{1}{2} \times 17^{\prime \prime}$. Joor 115 VAC. From Japan. 43 lbs.
15 W 7990 U. $\$ 11$ Monehly . . . 209.50

## Save! Wollensak Recorders at Lowest Prices Ever

## 5750 Stereo Tape Recorder in Hardwood Cabinet

Was $\$ 219.95$. Deluxe solid-state stereo recorder in a luxuriously finished hardwood cabinet. Kecords. plays 4-track stereo and mono at $71 / 2,33 / 4,17 / 8$ ips. Central control panel, automatic tape lifters, self-adjusting brakes, automatic head demagnetization, pause control, digital counter, automatic shutoff. With one mike, $7^{\prime \prime}$ reel of tape, takeup reel. $101 / 2 \times 193 / 4 \times 10^{\prime \prime} .115$ V AC. Shpg. wt., 29 lts .
15 W 7460 RK. 810 Mmthly . . . 199.95 I5 W 7040 R. Extra Mike. 3 lbs.... 13.50
$\$ 19995$
$\$ 10$ monthly

## 5740 Full-feature Stereo Tape Recorder

Was $\$ 199.95$. All the deluxe features of the Model 5750 above, but in a vinyl-clad cabinet. Includes: monitor headphone jack, reel locks. tone and volume controls for each channel. Inputs: 2 mike, 2 radio/phono. Outputs: Preamp. extension speakers. $40-17,000$ Hz at $71 / 2 \mathrm{ips}$. With one mike (order extra mike above), reel of tape, $7^{\circ}$ takeup reel. $101 / 4 \times 193 / 4 \times 10^{\prime \prime}$. For 115 VAC. Shpg. wt., 29 lbs. 15 W 7341 RK. $\S 9$ Monthly. ... 179.95

Save
s20.00
$\$ 7995$
\$9 monthly
 Detachable 6" Speaker Enclosures

## 5300 Solid-State Stereo Tape Recorder

Was $\$ 219.95$. Recorder with two matching speaker systems in acousti-cally-designed walnut enclosures: each with $9 \times 6^{\prime \prime}$ woofer and $3^{\prime \prime}$ tweeter. Antomatic head demarnetization, self-ad-
$\$ 10$ monthly
 justing brakes, pause control, automatic shut-off, 2 level meters. Four speeds: $71 / 2,38 / 4,17 / 8 . \quad 15,16$ ips. $40-$ 17.000 Hz at $71 / 2$ ips. $101 / 4 \times 60 \times 83^{\prime \prime} 4^{\prime \prime}$. With one mike, $7^{\prime \prime}$ reel of tape takeup reel. 115 VAC. Shpg. wt., 45 lbs. 15 W 0088 L2U. $\$ 10$ Monthly . 189.95 15 W 7040 R. Extra Mike. 3 Ihs.... 13.50


Speakers Separate Up to 9 Feet for Full-Range Hi-Fi Stereo Realism


## Sony 260 Solid-State Stereo Recorder Closeout Sale

Priced for a sellout! Deluxe model records and plays 4-track stereo or mono at $71 / 2$ and $3 \frac{3}{4} \mathrm{ips}$. Features "Radial Sound Projection System" for wide stereo separation-acoustically isolated, built-in speakers. Has pause control, automatic tape lifters, automatic shutoff, 2 level meters. 50 $15,000 \mathrm{~Hz}$ at $71 / 2 \mathrm{ips}$. Inputs: 2 lo-Z mikes, 2 high-level for radio/phono. Outputs: 2 ext. speaker, 2 line. $151 / 2 \times 213 / 8 x$ $74^{\prime \prime}$. With two F-96L dynamic mikes, $7^{\circ}$ takeup reel, patch cords. For 115 VAC. From Japan. Shpg. wt., 42 lbs. Quantify Limited. 15 W 7281 U. $\$ 10$ Monthly

## AIWA Save s/0.00 $\$ 4995$ <br> \$8 monthly

## Aiwa TP-1012 Battery/AC Stereo Recorder

Wos $\$ 159.95$. Record and play full-range 4-track stereo or mono tapes in your home, car, anywhere! Versatile recorder boasts two level meters, automatic shutoff, digital counter, pause control, five-watt output. $71 / 2,32 / 4,17 / 8 \mathrm{ips} .50-16,000$ Hz . Two built-in $6 \times 4^{\prime \prime}$ speakers. Inputs: 2 mike, 2 aux. Outputs: ext. speakers, stereo headphones. Compartment for 2 mikes and AC line cord. With 2 mikes, $7^{* \prime}$ reel of tape, $7^{*}$ takeup reel, batteries and AC cord. Size, $131 / 2 \times 123 / 8 \mathrm{x}$ $71 / 4^{\prime \prime}$. For 115 VAC, 8 " $D$ " batteries, 12 V car battery. From Japan. Shpg. wt., 17 lbs .
$15 w 7151 \times .88$ Vonthily.
149.95

## Save on Bell \& Howell Recorder/Speaker Combos

Save 544.00
Save ${ }^{5} 36.00$
Save ${ }^{5} 73.00$


## Separately, $\$ 363.95$

2265 Reversing Solid-State Stereo Recorder with Two Speaker Systems
Records and plays in both directions, reverses automatically. Automatic head degaussing. Pause control, level meters, automatic shutoff. $71 / 2,38 / 4$, $17 / 8,15 / 16$ ips. $40-17,000 \mathrm{~Hz}$ at $71 / 2 \mathrm{ips}$. 17 watts music power. $7^{\text {" reel capacity. }}$ Built-in 8x4" speakers plus pair of deluxe 605 walnut $6^{\prime \prime}$ systems. Recorder, $81 / 2 \times 131 / 3 \times 15^{2} 3^{\circ}$. Speakers, $10 \times 131 / 2 \times 61 / 2^{\prime \prime}$ each. 2 mikes. 117 VAC. 15 W 0091 L2U. Wt., 57 lbs..... 339.95 15 W 7029 U. Model 2265 Recorder Alone. Shpg. wt., 37 lbs......... 314.95 15 W 7030 U. Model 605 Speaker System. Shpg. wt., 10 lbs.. . . . Each 24.50


## Separately, $\$ 435.95$

2295 Reversing Solid-State Stereo
Recorder With Two Speaker Systems
Automatic reversing (record and play), threading, shutoff, tape lifters, head degaussing, and programing cycle. Sound with sound. Level meters. $40-$ $17,000 \mathrm{~Hz}$ at $71 / 2 \mathrm{ips} .4$ speeds. 30 watts music power. $7^{*}$ reel capacity. Built-in $8 \times 4^{\prime \prime}$ speakers plus two 610 walnut 2 -way speaker systems. Recorder, $81 / 2 \times 131 / 3 \times 152 / 3^{\prime \prime}$. Spkrs, $81 / 4 \times 151 / 4 \times 61 / 2^{\prime 2}$ ea. 2 mikes. 117 VAC. 15 W 0090 L2U. Wt., 63 lbs..... 399.95 15 W 7027 U. Model 2295 Recorder Alone. Shpg. wt., 39 lbs........ 369.95 15 W 7028 U. Model 610 Speaker System. Shpg. wt., 12 lbs...... Each 33.00


## 2297 Reversing Solid-State Stereo

## Recorder With Two Speaker Systems

Bell \& Howell's finest recorder has all the features of 2295 listed at left, plus hinged, walnut-finished front panel cover, powerful 30 watts music power output. Resp., $40-17,000 \mathrm{~Hz}$ at $71 / 2$ ips. Built-in $8 \times 4^{4}$ speakers plus pair of deluxe 630 oiled walnut 2 -way speaker systems. Recorder, $81 / 2 \times 131 / 3 \times 152 / 3^{\prime \prime}$. Spkrs, $10 \times 19 \times 81 / 2^{\prime \prime}$. 2 mikes. For $117^{\circ}$ VAC. Shpg. wt., 79 lbs.
15 W 0089 L2U..
479.95

15 W 7025 U. Model 2297 Recorder Alone. Shpg. wt., 39 lbs........ 419.95 15 W 7026 U. Model 630 Speaker System. Wt., 20 lbs.

Each 66.50

Tape Equipment from


## 7000D Solid-State Stereo Tape Deck

Was $\$ 149.00$. Deluxe tape deck plays and records four-track stereo and mono through your present stereo music system. Convenient pushbutton operation. Has two record level meters, automatic end-of-reel shutoff. Two speeds, $71 / 2$ and $33 / 4 \mathrm{ips}$. Advanced solid-state circuit design. Frequency response 40 to $18,000 \mathrm{~Hz}$. Size, $15 \times 14 \times 7^{\circ}$. Complete with wood base, $7^{*}$ takeup reel. For 117 volts, 60 Hz AC. From West Germany. Shpg. wt., 15 lbs.
15 W 7429 RU. 87 Monthly
129.00

## 8000E Solid-State Stereo Tape Recorder

So popular in Catalog 275 we are offering it again. Records and plays 4 -track stereo or mono at $71 / 2,33 / 4,17 / 8$ or $15 / 16 \mathrm{ips}$. "Dia-Pilot" allows synchronization with slide projector or display. Three long-life narrow gap heads permit monitoring, recording sound-on-sound, echo and reverb Two 5x7* speakers. 2 record level meters, 4 -digit counter. $50-20,000$ Hz at $71 / 2$ ips. With mike, $7^{\prime \prime}$ reel. $7 \times 16 \times 14^{*} .115$ VAC. West Germany. 28 lbs.
15 W 7430 RK. 13 Monthly.
259.99

# A Popular Telmar T-100 Miniature "Pocketcorder" 

## Repeat of Sale!

Exciting special sale price on this solid-state recorder for on-the-spot taping! Records up to 80 min . at $15 / 16$ ips on $17 / 8^{\prime \prime}$ reel. Capstan drive assures constant speed. Built-in speaker for fine sound. With remote-control mike, earphone, leather case, three 80 minute tapes, four penlight batteries. Only $75 / 8 \times 38 / 8 \times 17 / 8^{\prime \prime}$. Japan. Shpg. wt., 6 lbs. (Recommended for good-fidelity voice recording.)
15 W 7425 RX. $8 \overline{5}$ Monthly..... 24.95
[B Sony 907 Portable with
Automatic Volume Control
Repeat
of Sale! $\$ 3450 \begin{gathered}\$ 5 \\ \text { monthly }\end{gathered}$
Sold only by Allied! Big-recorder performance for less. Records without overload distortion, thanks to Automatic Volume Control. Solid-state circuit is hum and noise-free. Twospeeds: $33 / 4,17 / 8 \mathrm{ips}$. Response is 90 9500 Hz at $33 / 4 \mathrm{ips}$. Radio, TV inputs. Complete with 4 " $D$ " batteries, mike, earphone, $31 / 4{ }^{4}$ takeup reel, plastic case. Size $83 / 4 \times 83 / 4 \times 33 / 4{ }^{\prime \prime}$. From Japan. Shpg. wt., 6 lbs.
15 W 7416 S . $\$ 5$ Monthly.
34.50

## (c) 2-Speed Craig 212 with Automatic Level Control

## Great Value! $\$ 3995$ $\$ 5$ monthly

Battery-powered solid-state recorder with ALC to prevent overload distortion. Easy-to-use "T" control. Records up to 2 hours on $31 / 4^{" ~ r e e l s . ~}$ Mike, 1 tape. Order batts. below. $31 / 8 \mathrm{~s}$ $77 / 8 \times 93 / 4^{\prime \prime}$. Japan. 5 lbs .
15 W 7280 RX. 55 Monthly.... 39.95 15 W 7423. AC Adapter. 1 lb... ... 5.95 18 W 5865 R. Batts. 10 oz........... $2 / 33 \notin$ Model 2108. Like 212, but has bat-tery-condition meter and aux. input. 15 W 7385 X. 85 Monthly.
49.95


## Sensational Values in Portable Mono Recorders



## Concord F-90 Buttery/AC Tape Recorder/AM Radio


#### Abstract

Was $\$ 69.50$. Concord's solid-state "Radiocorder" combines a 2 -speed recorder with a deluxe AM radio. Record your favorite programs on tape as you listen. Plays on batteries or AC. Radio and recorder may be used separately or together. $17 / 8$ and $33 / 4$ ips. Pushbutton controls. $31 / 4$ " reels. Level/battery meter. Remote-control mike, 5 "C" batteries. $4 \times 81 / 2 \times 9$ ". From Japan. Wt., 7 lbs. 15 W 7022 RX. 55 Monthly... . . 59.50


## E Telmar 555 Battery/AC 3-Speed Tape Recorder

## Repeat <br> of Sale! $\$ 5995$ <br> monthly

Uses flashlight batteries, 12 VDC car battery, or AC. Constant-speed capstan drive. All solid-state. $71 / 2,33 / 4$. $17 / 8$ ips. Pushbutton controls. Level meter, digital counter, record-safety lock. $60-14,000 \mathrm{~Hz}$ at $71 / 2$ ips. Radiophono, telephone pickup, mike inputs. With mike. $5^{\prime \prime}$ reel of tape, batteries. takeup reel, leatherette case. From Japan. Overall size, $111 / 2 \times 101 / 2 \times 35 / 1{ }^{5}$. Shpg. wt., 13 lbs.
15 W 7426 RU. \&5 Monthly. .... 59.95

## © Aiwa TP-715 Two-Speed Solid-State Recorder

Was $\$ 39.95$. Deluxe-battery-powered and solid-state. Records/plays twotrack mono at $3 \frac{3}{4}$ and $17 / 8 \mathrm{ips}$ on $31 / 4^{\prime \prime}$ reel. AC bias for wide response. $21 / 2^{*}$ speaker for fine sound. Pushbutton operation. Meter indicates recording level, shows battery condition. With remote-control mike, earphone, $200^{\prime}$ reel of tape, $31 / 4$ " takeup reel, "C" batteries. $3 \times 91 / 2 \times 91 / 2^{\prime \prime}$. From Japan. Wt., $71 / 2$ lbs. 15 W 7515 X. 5 Monthly.
34.95

# Bargains in Tape Recorders and Players 



Hi-fi mono recorder tapes speech or music from radio, phono, TV or mike. Records and plays at $71 / 2$ and $33 / 4$ ips. Response, $70-15,000 \mathrm{~Hz}$. Level meter, counter, pre$\operatorname{amp}$ output. Vinyl-finish steel case, $6 \times 14 \times 14^{\prime \prime}$. With mike, earphone, $7^{\prime \prime}$ reel, reel of tape, patch cords. For 117 VAC. Japan. 26 lbs.
15 W 7995 U. if Momthly.
69.95


Records, plays 4 track stereo and mono at $71 / 2,33 / 4$. $178.15 / 16 \mathrm{ips} .40-20,000 \mathrm{~Hz}$ at $71 / 2 \mathrm{ips}$. One speaker. 2nd speaker jack. $4 \times 93 / 8 \times 10^{\circ}$. Mike, $5^{\prime \prime}$ takeup reel, rechargeable battery/charger, 117 VAC adapter.
15 W 7090 X. Japan. 19 lbs. 110 Monthly.
199.95

15 w 7091 X .6000 M . Mono. Battery Only. 12 lbs .174 .95
18 W 5868 R. "D" Botts. for 6000 M . (Req. 6.) $8 \mathrm{oz} .4 / 67$ \&

## Save s20.00 § 2950 <br> $\$ 7$ monthly



## Aiwa TP-724 Battery/AC 7" Mono Recorder

Was $\$ 149.50$. Four-track mono recorder operates on 117 VAC, batteries or 12 VDC. Records and plays at $71 / 2,38 / 4$ or $17 / 8 \mathrm{ips}$. $7^{17}$ reel capacity; Automatic Level Control; digital counter; tone control; level meter; radio-TV input. With mike, earphone, batteries, attache case. $35 / 8 \times 161 / 2 \times 13^{\prime \prime}$. Japan. 25 lbs.
15 W 7343 X. s7 Monthly
129.50


## Telmar 80-G Stereo Tape Player System

Playback system with walnut-finish speaker systems. Plays 8-track stereo or mono cartridge tapes automatically or manually. $3 \frac{3}{4}$ ips speed, capstan drive, track indicator lights, solid-state 24 -watt amplifier. $31 / 2 \times 12 \times 11^{\prime \prime}$. For 117 VAC. From Japan. $121 / 2$ lbs. 15 W 7564 U. $\$ 5$ Monthly
89.95


## Roberts 1700 7 "-Reel Mono Recorder

Save s 20.00 ${ }^{5} \mid 2995$
57 momity

Was $\$ 149.95$. Mono record and play, plus built-in PA system. Has $71 / 2$ and $33 / 4$ ips speeds. Full $40-12,000$ Hz response at $7 \frac{1}{2}$ ips. Input mixing, level meter digital counter, pause control, 3 -watt amplifier, built-in $4 \times 6^{\prime \prime}$ speaker. With dynamic mike. $151 / 2^{\times 13} 1 / 3^{\times 7} 1^{\prime \prime}$. For 117 VAC. Japan. Shpg. wt., 27 lbs.
15 W 7493 X. 87 Monthly
129.95


Telmar 80-D 8-Track Stereo Tape Cartridge Player
Economical way to add stereo cartridge playback to your present stereo system. Solid-state preamp, plugs into stereo amplifier. Automatic and manual track ehanging, track indicator lights. $3 \frac{3}{4}$ ips capstan drive. $31 / 2 \times 12 \times 11^{*}$. For 117 VAC. Japan. $91 / 2$ lbs.
15 W 7563 X. $\$ 0$ Monthly.

# ALLIED ${ }^{\circledR}$ Top-Value Blank Recording Tape 

## Allied " 260 "

Recording Tape

- Continuous Length
- Excellent Respanse
- Deep Lubrication

Low As
79.


Specially made Allied tape outperforms tape costing much more. Features wide frequency response and low noise levels with uniform output for excellent mike pickup. Strict quality control assures flawless manufacture. Provides intimate recorder head contact for fullrange fidelity. Lubricated for long head and tape life. Exceptional strength and high resistance to adverse temperature and humidity conditions. Excellent for recording from mike, tuner or phono. *Polyester types, offer high resistance to breaking. $\dagger$ Tensilized topquality polvester; $\ddagger$ Acetate.

| Stock No. | Reel Size | Feet | Base, Mils | We., Lbs. | EACH |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 1-11 | 12-UP |
| 15 W8740R | $31 / 4{ }^{\prime \prime}$ | 600* | 1/2 | $1 / 2$ | . 89 | . 79 |
| 15 W8741R | 5 5" | $900 *$ |  | $1 / 4$ | 1.18 | 1.06 |
| 15 W 8742 R | 7 7 | 1200\% | $11 / 2$ | 1 | 1.49 | 1.34 |
| 15 W 8743 R | $7{ }^{\prime \prime}$ | 1800* |  | $11 / 4$ | 2.14 | 1.93 |
| 15 W8744 R | 7" | $2400+$ | 1/2 | 1 | 3.49 | 3.14 |
| 15 W8745 R | 78 | $3600+$ | 1/2 | 1 | 4.98 | 4.49 |

## Allied " 265 "

## Deluxe Recording Tape

- Color-Coded Leaders
- Bonded Sensing Foils
- Heod Cleaner Tape End

Low As
$\$ 88$


Allied " 265 " Ultra-Range recording tape offers a fullspectrum formula for master recording quality. Wound on heavy-duty, computer-type reels; micro-polished to reduce abrasion to a minimum. Red and green leaders color-code each end of the tape. Ultra-thin bonded sensing foils actuate recorders with automatic reverse mechanism. Latest binder system features homogenized lubrication to minimize peeling and flaking. A length of head cleaning tape is spliced into one end of every reel of tape to remove accumulated material from the recorder heads. Pad of silicone-impregnated rayon tape conditioner in box to maintain tape surface in likenew condition. †Polyester; *Acetate.


## Allied ${ }^{\text {© }}$ Blank Tape Cassettes

For any recorder using the Plailips cassette system. (Not for \&-track cartridge recorders.) Super-coated for superior signal/noise ratio. In mailing box.

| Stock No. | Type | Hours | Wt., Lbas. | 1-11, EA. | 12-Un, EA |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 15 W8001 | C-60 | 1 | 1/2 | 1.79 | 1.61 |
| 15 w 8002 | C-90 | 11/2 | $3 / 4$ | 2.69 | 2.42 |
| 15 W8003 | C-120 | 2 | $1{ }^{1 /}$ | 3.65 | 3.28 |

- Philips Cassettes
- Minimal Friction
- Superior S/N Ratio


## Low As <br> §|61



## Special Low Prices on Stereo Headphone and Intercom

Save $\$ 2.00$ $\$ 595$
Was $\$ 7.95$


## Martel Stereo Headphones Closeout Value

Your chance to get stereo headphones at a sensational closeout savings. Literally surrounds you with full-range stereo sound. Form-fitted flex vinyl earcups, adjustable padded headbund and light weight contribute to comfortable, private listening. 8 ohms. With $6^{\prime}$ cord, $1 / 4{ }^{\prime \prime}$ phone plug. Japan. 1 lb .
20 W 8035.
5.95


## Fanon Solid-State Wireless Intercom System

Ideal, low-cost two-station system for home or office. Just plug each unit into 110 -VAC outlet and start talking. Great "babyminder." Built-in quieting circuit eliminates background noises. Each unit has push-totalk button; monitoring switch; on/off/volume control. Ivory. 3x4x2". Japan. $21 / 2$ Ibs.
12 W 8196
19.95

## NEW) Car Tape Players with Stereo Reverb Bonus



## Allied's Own Deluxe Car Stereo Reverb <br> Adds even more realism to stereo tapes and FM-stereo. Mixes sound from each stereo channel and delays it through the rear speaker. Fills that hole-in-the-middle with the extra dimension of reverberation. For any 4 or 8-track stereo tape player or stereo-FM radio. Infinite control selections, front-panel operation. Styling blends well with most modern car interiors. Solid-state. With 6x9" rear deck speaker and chrome grille. Mounts easily under dash in most cars. $13 / 4 \times 8 \times 5 \frac{3}{4}$ ". For 12 VDC. <br> 19 W 4579. Shpg. wt., 6 lbs. 55 Monthly. <br> 29.95



## Ranger 4- and 8-Track Tape Player/FM Radio plus Reverb

Deluxe stereo cartridge player with built-in FM radio, plus Stereo Reverb System above, for only $\$ 5$ more! Reverb unit adds amazing realism and depth to stereo tapes, imparts a stereo "effect" to the monaural FM radio. Illuminated slide-rule FM dial flips back automatically when you insert a tape cartridge. Fine-tuning control assures full channel separation even with worn tapes. Solidstate 14 -watt stereo amplifier. Four $5^{\prime \prime}$ speakers (included) with plastic grilles. Optional stereo-FM adapter below. Player, $11 / 2 \times 7 \frac{1}{8} \times 8^{\prime \prime}$. With mobile mounting bracket. 12 VDC positive or negative ground. Japan. Shpg. wt., 19 lbs.
19 W 0034 L2X. Tape Player/FM Rodio and Reverb Bonus. S7 Monthly ..... 134.95
19 W 4020 RX. Tape Player/FM-Radio Alone. Shpg. wt., $13 \mathrm{lbs} . . . . . . . . .$. 19 W 4434 R. Stereo-FM Adopter. Mounts on rear of player. 3 lbs.
.29 .95

## Save s 24.95

## Stereo Reverb <br> Only $\$ 5$ More with Tape Player/FM Radio



Reverb System Regularly $\$ 29.95$. Yours for only \$5, during this sale, with purchase of Ranger Tape Player/FM Radio.

Stereo Reverb System Only $\$ 5$ More


## Automatic Radio 4- and 8-Track Car Stereo Tape Player plus Stereo Reverb System

Deluxe solid-state stereo tape player, with stereo reverb system for only $\$ 5$ more. Plays 4 - and 8 -track stereo tape cartridges in your car, or at home with optional AC adapter Also accepts FM and AM tuner cartridges. Fully automatic operation-insert cartridge and player starts: remove it, player stops. Features 10 -watt stereo amplifier; four-way speaker balance (left, right, front and rear; volume and tone controls; track shift button; lighted channel indicator. Mounts easily under dash in theft-
proof bracket; slides out for home use. With four $5^{\prime \prime}$ full range speakers, chrome grilles. Walnut case, $33 / 4 \times 8 \frac{1}{2} \times 8^{*}$ For 12 -volt negative ground. Optional AC adapter, AM and FM tuner cartridges below. Shpg. wt., 20 lhs . 19 W 0035 L2X. Tape Player and Reverb. $\$ \mathscr{G}$ Mo... 114.95 19 W 4244 RX. Tape Ployer Alone. Shpg. wt., 14 lbs. 109.95 19 W 4247 R. FM Tuner Cartridge. Shpg. wt., $1 \mathrm{lb} . . . . .39 .95$ 19 W 4246 R. AM Tuner Cartridge. Shpg. wt., 1 Ib..... 29.95 19 W 4250 R. 117 VAC Adopter. Shpg. wt.. 4 lbs..

# Save! Car Tape Players and Bonus Offers 

NEW

## Universal FM-AM Tuner Cartridge

Instantly converts any 4- or 8-track car tape player into a great sounding AM and FM radio. Simply insert the tuner cartridge where you play your tapes, then tune all your favorite programs! Has 6-transistor, 9 -diode circuit; built-in AFC; slide-rule dial. No rewiring-includes special antenna coupler that hooks tuner to car radio antenna; plug antenna into coupler and coupler into tuner cartridge. High-impact case, $4 \times 6 \times 1^{\prime \prime}$. With 9 -volt battery.

$$
19 \text { W 4580. Shpg. wt., } 4 \text { lbs. } 5 \text { Monthly. } 39.95
$$

Antenna Coupler Connects FM-AM Tuner Cartridge to Car Antenna

## BONUS OFFER

Tape Player plus Tuner Cartridge


FM-AM Tuner Cartridge Reg. $\$ 39.95$. Slides into player.

## Save $\$ 15.00$ $\underset{\substack{\text { Both } \\ \text { Only } \\ \text { Only }}}{\substack{\text { monthly }}}$

## Ranger 4- and 8-Track Tape Player plus FM-AM Cartridge

Outstanding bonus offer! Deluxe stereo tape player lets you play all the popular 4- and 8-track stereo cartridges available; and you get the convenience and versatility of an AM and FM radio in a single tuner cartridge! Tape player features fully automatic operation, just insert the cartridge and it activates proper playing mechanism. Has 14-watt solid-state stereo amplifier; fine tuning control to eliminate cross-talk; tone/balance control ; channel selector switch. $31 / 2 \times 77 / 8 \times 8^{\prime \prime}$. Black with chrome finish. Supplied with four $5^{\prime \prime}$ hi-fi speakers with plastic grilles that can be painted to match car interior, and mobile mounting bracket. 12 VDC pos. /neg. ground. Japan. With tuner cartridge above.
114.90

19 W 4253 RX. 4- and 8 -Trock Player Alone. Shpg. wt., 12 lbs.

Save 57.94 on Automatic Radio Car Stereo Tape Players with Speaker Bonus


#  

Reg. \$7.95. Pair of 51/4* wide-range speakers mount anywhere. Each, $71 / 2 \times 71 / 2^{*}$.

sments 58996 lime 88995

## Deluxe 8-Track Stereo Tape Player with Bonus

Versatile 8-track stereo tape player-plays 4-track tapes with adapter (included); accepts AM and FM tuner cartridges. 8 -watt solid-state amplifier; lighted channel indicator; volume, balance and tone controls. Automatic operation. Black, chrome face. $21 / 2 \times 61 / 4 \times 6^{\prime \prime} .12$ VDC negative ground. Japan. With Stereo Speaker Bonus. 19 W 0032 L2X. Shpg. wt., 12 lbs. $\$ 5$ Monthiy.
89.96

19 W 4578 X. Tape Player Alone. Shpg. wt., 8 lbs... . 89.95 19 W 4266 RX. Speakers Alone. Shpg. wt., 4 lbs. Per Pair 7.95

## Save Up to 50\% on Musical Instrument Speakers



## UTAH

## 15-inch Musical Instrument Speaker With 63/4-lb. Magnet Structure

- Ideal for Electric Organ and Bass Guitar
- High-Flux Barium-Ferrite Magnet
- Rigid, Reinforced Steel Speaker Frame

MI-15RC. Imagine being able to buy a $15^{\prime \prime}$ speaker at such an outstanding low price! Perfect for musical groups and combos... provides rich reproduction of electric organ and bass guitar. Offers full tonal quality with crisp response.
Heavy-duty epoxy-bonded construction. Thick steel pot plates, reinforced steel chassis. Massive 2-lb. barium-ferrite magnet for high flux density. Oversize voice coil absorbs heat of transient peaks. Treated cone for smooth response.
Exclusive interual dust seal. Elasticized cone edges; flex proof voice coil leads. 8 ohms. 75 watts peak power. Mtg. depth, $61 / 2^{\prime \prime}$. Limited Quantily! 16 W 3183 RX. Wt., $12 \frac{1}{4}$ lbs.
15.00


Repeat
of Sale!

> 12-Inch Musical Instrument Speaker -634 -Pound
Magnet Structure

Now Only $93^{50}$

Limited Quantity

## Special Sale! Save ${ }^{5} 10.00$ Now Only $549^{95}$

## 12-inch High-fidelity Musical Instrument Speaker

- Massive $63 / 4$-pound Magnet Structure for High Flux Density
- Oversize Voice Coil - Heavy-Gauge Reinforced Steel Chassis

MI-12RC. Top-quality $12^{\prime \prime}$ speaker at unusually low price. Ideal for replacement or as original equipment in electric organ or bass guitar amplifiers. Smooth, life-like tone and extended-frequency response for faithful musical reproduction. 2-lb. barium-ferrite magnet provides high flux density. Oversize voice coil absorbs heat of transient peaks. Reinforced steel chassis. Flex-proof voice coil leads; internal dust seal. Imp., 8 ohms. Capacity, 50 watts peak power. Depth, $51 / 1 \mathrm{~kb}^{\prime}$.
16 W 3184 RX . Shpg. wt., $101 / 2 \mathrm{lbs}$.
13.50

## Magnificent Allied-Utah Music Speaker-Column

- 4 Specially Designed $10^{\prime \prime}$ Speakers for Excellent Response - 100-Watts Peak Power - Acoustical Fiber-Glass Lining

Was $\$ 59.95$. The very latest sound reproducer is the perfect speaker for conventional electric and bass guitar amplifiers. Contains four specially-designed $10^{*}$ speakers for excellent frequency response. Handles sol id bass notes with minimum distortion. Sturdy enclosure has $3 / 4^{\prime \prime}$ construction. vinyl covering that wipes clean easily with a damp cloth. Handles 100 -watts peak power. Acoustical fiber-glass lining. Convenient carrying handle. Impedance, 8 ohms. Size, $45 \times 14 x$ $8^{*}$. Shpg. wt., 60 lbs.
16 W 3567 Z. 85 Monthly.
49.95

# Alliance, CDE TV-Antenna Rotator Systems 



$\$ 2879$
\$5 monthly


100-ft. Cable for 18 more WITH YOUR CHOICE OF ANTENNA ROTATORS

## Alliance Rotator Systems with 1\& Bonus

C-225 Solid-State Automatic System, Turn pointer on conAtrol unit's compass dial-rotator automatically responds. Rotates $360^{\circ}$. No solenoids-silent operation. Super-sensitive, perfect for color TV. Magnetic brake, sensing circuit eliminate over-travel. Instant reverse. Moisture sealed, factory lubricated. Rust-fighting external hardware. Plastic control cabinet, $5 \times 6 \frac{1}{2} \times 4 \frac{1}{4}$ ". U. L. Listed. 117 VAC. With $100^{\prime}$ b-cond. cable only 1s more!11 W 0096 L2W. Shpg. wt., $131 / 2$ lbs. 85 Morlhly
35.98
35.97

11 W 1512 RW. Rotator Alone. Wt., $91 / 2 \mathrm{lbs}$.
35.97
(B) U- 100 Automatic System. Economical outfit provides positive, automatic antenna rotation. Simply turn pointer on control unit's compass dial. Rotates $360^{\circ}$ at one rpm. Positive mechanical stop. Lubricated and moisture sealed. Mahogany plastic control, $7 \times 41 / 2 \times 4^{\prime}$. For 117 VAC. Wuth $1000^{\prime}$-comid. cable only 1\& more!
11 W 0097 L2W. Shpg. wt., 13 lbs. 85 Monthly.
28.79

11 W 2442 RW. Rotator Alone. Wt., 10 lbs.
28.78

(C)
T-45 Manual Rotator System. Our lowest-priced antenna rotator. Antenna rotates $360^{\circ}$ either direction at one rpm. You can add extra Control Units and control rotator from each set. Control unit, $41 / 2 \times 61 / 2 \times 21 / 2^{\prime \prime}$. U.L. Listed. 115 YAC. With $100^{\prime}$ 5-cond. cable only If more!
11 W 0098 L2W. Shpg. wt., 14 lbs. \& 5.5 cmilhly. 11 W 1555 RW. Rotalor Alone. Wt., 10 lbs 11 W 1690 RW. Extra Control Unit. 4 Ibs..

## CDE Rotator Systems with $1_{\&}$ Bonus

(D) AR-33 Pushbutton Solid-State Automatic System. Control

(0)has five pushbuttons you easily set to your stations. Silicon transistors; heavy-duty relays. Rotator has heavywall die casting, ball bearings, inline design. Cannot be blown-off station while control is energized. Raymond Loewy designed control. U.L. Listed. For 110-120 VAC. With $100^{\prime} 5$-cond. cable only 1e more!
11 W 0099 L2W. Shpg. wt. 19 lbs. 50 Monthly....... 49.96
11 W 1745 W . Rotator Alone. 15 lbs .
49.95
[E] AR-22R Automatic Rotator System. Set compass dialantenna automatically positions itself. Precision turning thru $360^{\circ}$ in $6^{\circ}$ increments. Highly reliable in repeatability and accuracy. Reset switch built into control base. Instantly reversible. Magnetic brake prevents over-travel. Lifetime lubrication. Vinyl-covered metal control, $61 / 4 \times 41 / 4$ x 23 36" $110-120$ VAC. With $100^{\prime}$ 4-cond. cable only 14 more! 11 W 0400 L2W. Shpg. wt., 18 lbs. 85 Mouthly...... 34.96 11 W 1396 RW. Rototor Alone. 15 libs.
34.95

(F)
$A R-10 B$ Automatic Rototor System. Low in price, yet sensitive enough to tune to exacting color transmissions. Just set direction on the $360^{\circ}$ control box-rotator will stop automatically and accurately. Heavy-duty construction throughout, Moisture-sealed, lubricated. $110-120$ VAC. With $100^{\prime}$ f-cond. cable only 1e more!
11 W 0401 L2W. Shpg. wt., 13 lbss. 85 Monthly.
28.96

11 W 1744 W. Rotator Alone. 10 lbs.
28.95

## Enjoy Movie-Clear Pictures With an Allied . .

Complete ALLIED/Alliance System s|3.98
$\$ 5$ monthly


WHY IS A ROTATOR NECESSARY?
Proper antenna direction is essential for better "all around" reception-especially color TV. Get the best signal from every station for the clearest reception possiblel Precise directional contral gives tap performance in all TV or FM reception areas.

## KNIGHT "Colorset 55" and CDE AR-33 Rotator System . .

Save<br>${ }^{\text {s } 24.95}$

## $\$ 599_{5 s}^{95}$

Get the TV Antenna You Want Now-Use Your Allied Credit Fund

# Dollar-Saving TV Antenna/Rotator System 

## ALLIED"MARK 26" ANTENNA AND ALLIANCE T-45 ROTATOR COMBINATION



- For All 82 TV Channels plus Stereo FM
- Easy to Install-Requires Only One Down-Lead
- Touch-Bar Control Lets You Pinpoint Stations
- Weatherproof Rotator Turns $360^{\circ}$ in 60 Seconds

VHF Up to 175 Miles


## KNIGHT Colorset 55 and CDE AR33 System

- Control Presels for Up to Five Different Stations
- Push a Eutton-Rotator Aims at the Station
- Antenna has Triple Thick, Rugged Sleeved Elements
- Receives VHF-UHF-FM But Requires Only One Lead-In


#### Abstract

Separately, 84.90 . Our finest antenna/rotator outfit. Allied's Knight "Colorset 55" deep-fringe Antenna plus new Cornell-Dubilier AR33 solid-state Auto-Rotor. Provides finest possible reception of VHF/UHF color or black-and-white TV, or FM. Antenna has 55 driven elements for optimum reception anywhere. Preassembled twin-boom supports all elements. Has high sensitivity and flat frequency response. Good directivity fights multipath signals (ghosts). Goldcorodized inside and out to fight corrosion. Extra-rigid construction with one-inch tubular boom bracing, exclusive boom support and side-sway control. With VHFUHF splitter. Only one lead-in is required. 300 ohms. Unique CDE AR33 solid-state Auto-Rotor features $360^{\circ}$ compass-dial operation, with five pushbuttons that you set to your desired stations. Heavy-duty construction; silent operation; $\pm 1 \%$ accuracy. Takes up to 510 inch-pounds pressure without stalling; cannot be blown off station while control is energized. For 117 VAC. Order installation accessories, 5 -conductor rotator cable, lead-in, mast from Allied Catalog 270. Shipped by truck or express. Shpg. wt., 31 lbs. II W 0082 L3ZW. sis Monthly. 59.95


# knight-kit STEREO HI-FI 

## KG-415 Stereo Tape Deck Kit with Preassembled Transport

## s24995

$\$ 13$ monthly

## It's Fun

## to Assemble

Your Own
Tape Deck . .
Thanks to Factory-Assembled
Viking Tape Transport and
Solid-State Modular Circuits


Six Printed Circuit Boord Madules for Easy Assembly

## PROFESSIONAL FEATURES OF THE KG-415




Two Record/Play VU Level Meters


Three 4-Track HyperbolicHeads


Digital Counter


Cue Conirol for Editing

Exciting low sale price on our KG-415. Offers everything you need in a 4 track stereo deck, but for much less money than professional derks with comparable performance. Three 4-track hyperbolic heads permit tape monitoring, sound-on-sound and echo. Switch selects left or right channel for mono; or both channels for stereo. Selection is indicated in one of six illuminated windows. Separate solid-state record and play preamps, with mike and auxiliary mixing. Head cover flips up for cleaning and editing. Assembly is simplified with preassembled Viking tape transport, specially built to Knight-Kit specifications. The transport boasts precision canstan motor with flutter-filter belt drive, plus separate take-up motor. All you assemble are the solid-state modular circuits. Features single-knob tape operation, automatic end-of-reel shutoff, push-to-reset digital counter for cuing. Records and plays at $71 / 2$ and $33 / 4$ ips on up to $7^{\prime \prime}$ reel.
Exclusive stereo headphone amplifier module, with volume control. Operates horizontally or vertically. Case below. $141 / 2 \times 14 \times 81 / 2$. For $110-130$ volts, 60 Hz AC .
22 W 3788 RZW. Shpg. wt., 30 lbs. $\$ 13$ Monthly. .
249.95

22 W 3003 RW. Oiled Walnut Wood Case. Shpg. wt., 9 lbs.
19.95

Portable Carrying Case. Holds KG-415 deck, plus 2 mikes, tape, takeup reel, cables. Black with aluminum trim. $158 / 4 \times 16 \times 117 / 8^{\prime \prime}$.
22 W 3006 RW. Shpg. wt., 18 lbs. 55 Monthly.
.29 .95
22 W 3366 RW. Knight KN-4520B Mike. Use 2 for stereo. 2 lbs.
Ea. 9.95

## SPECIFICATIONS

Respmane: $\pm 2 \mathrm{~dB}, 50-18,000 \mathrm{~Hz}$ at $71 / 2 \mathrm{ips}$; $=2 \mathrm{~dB}, 50-14,000 \mathrm{~Hz}$ at $33 / 4 \mathrm{ips}$
Flutter/Wow: less than $0.2 \% \mathrm{rms}_{\mathrm{r}} 71 / 2 \mathrm{ips}$. Signal-to-Noise Ratio: $50 \mathrm{dl3}$ or better.
Harmonic Distortion: less than $4.5 \%$ at " 0 " VU lenel.
Input Impedances: Mike, 3000 ohms; Line, $50 .(000$ ohms.
Input Sensitivity: Mike. 1.5 mV for " O " VU: Line, 100 mV for "O" VU
Output Impedances: Playback, 250 ohms; Source, 1000 ohms; Monitor Playback: 250 ohms.
Equalization: $71 / 2 \mathrm{ips}, \mathrm{NAB} ; 33 / 4 \mathrm{ips}$, EIA. Fast-Forward Time: 1200 ft . in 69 seconds. Rewind Time: 1200 ft . in 90 semonds
Solid-State Modular Circuits: 17 transistors, 6 diodes.
Bias/Erase Frequency: 80 kHz ; built-in 1kHz test oscillator.

# Knight-Kit ${ }^{\circ}$ KG-795 Solid-State Stereo FM Tuner Kit with All SILICON Transistors for Super-Stability 



# Lowest Price Ever! 

- Stable All-Silicon-Transistor Circuit with Two Tuned RF Stages
- Stereo Indicator Light and Automatic Mono-Stereo Switching
- Factory Assembled and Aligned IF and RF Stages - Tuning Meter


## SPECIFICATIONS

Usabe IHF Sensitivify: 3 microvolts. Frequency Response: $\pm 1 \mathrm{~dB}, 30-15,000 \mathrm{~Hz}$ Harmonic Distortion: ess than $1.0 \%$. Hum and Noise: -50 dB.
Capture Ratio: 3 dB .
IF Rejection: more than 80 dB .
Image Rejection: more than 80 dB .
AM Suppression: greater than 30 dB .
Output Voltage: 0.5 volt with 1000 microvolt input sjgnal, $100 \%$ modulated at 400 Hz .
Channel Separation: 30 IIB or more at 1 kHz .
Anterna: 300 -ohm input.
Power Required: $110-130$ V. 60 Hz . AC Size: $35 /$ 后 $\times 13 \times 10^{\prime \prime}$ deep.

Outstanding quality, at at low monev-saving price! Deluxe stereo-FM tuner kit has all-silicon transistor circuit that delivers full-range stereo with complete stability and amazing realism. Assembly is remarkably easy, aided by a large printed circuit board and factory-assembled-and-aligned RF and IF stages. You not only get the advantage of our low sale-price, but you also have the satisfaction of building a top-quality hi-fi component that outperforms many factory assembled tuners.
Boasts two IF and two tuned RF stages for outstanding image rejection and 3 -microvolt (IHF) sensitivity. Wideband circuits assure full-range response for thrilling stereo sound. Precision circuit uses 25 premium semiconductors for best stability. Smooth flywheel-action tuning combined with precision tuning meter and edge-lit djal make station selection a cinch. Stereo indicator light and automatic mono-stereo switching circuit for best reception of all the FM stereocasts in your area. Automatically switches to stereo mode when a stereo progran is tuned in.
Extruded aluminum front panel with walnut inlay for handsome, expensive appearance. Balanced 300 -ohm antenna input. With FM dipole antenna, all parts, instructions. Optional case below. Shpg.wt., 7 lhs.
22 W 3701 RW. 8.5 . Vouthly.
59.95

22 W 3713 RW. Oiled Walnut Wood Case. Shrgg wt., 6 lhs .
.14 .95

## KG-795 Tuner/KG-865 Amplifier Kit Package

 Both forOnly $\$ \int 0 \begin{gathered}95 \\ \text { lesses } \\ \text { cases }\end{gathered} \underset{\text { monthly }}{\$ 10.00}$

Stereo kit package includes KG-795 Tuner Kit above, plus its ideal mate-the Knight-Kit KG-865 50-watt Stereo Amplifier Kit. Complementary Symmetry Circuit eliminates output and driver transformers for excellent response and power bandwidth. Silicon transistors for utmost stability. Low-noise preamp transistors; wide array of inputs and controls, stereo headphone jack. Response, $18-30,000 \mathrm{~Hz}$; Power Bandwidth, $20-$ $20,000 \mathrm{~Hz}$. Extruded aluminuin panel, walnut inlay. $3^{5} / 16 \mathrm{x} 13 \mathrm{x}$ $10^{\circ} .115$ VAC. Optional cases above. Shpg. wt., 17 lbs. 22 W 0686 L2W. KG-795 and KG-865. 86 Monihly.... 119.95


# s/0.00 Price Cut on Safari I CB 2-Way Radio Kit 



# (ifiriilinis\$12995 <br> Save $\$ 10.00$ 

- 23 Crystal-Controlled Channels • Crystals Supplied - Dual Power Supplies for 110.130 VAC and 12 VDC
- Sensitive Dual-Conversion Superhet Receiver
- Low-Noise Nuvistor RF Stage - Fine-Tuning Control
- Illuminated RF Output and Signal-Strength Meter
- Factory Assembled and Aligned Synthesizer


## Knight-Kit Sufari I 5-Watt Crystal-Controlled 23-Channel Citizens Band 2-Way Radio Kit

Was $\$ 139.95$. You save $\$ 10.00$ and get full crystal-controlled transmit and receive on all 23 CB channels; universal operation from 110-130 $V, 60 \mathrm{~Hz} A C$ or 12 VDC; plus performance and reliability usually found only in much more expensive units. Features factory assembled and aligned frequency synthesizer, no extra crystals needed; full 5 -watt input; selective dual-conversion superhet receiver; simplified controls for convenient fixed or mobile operation.

Receiver section boasts low-noise nuvistor RF stage for excellent 0.5 $\mu \mathrm{V}$ sensitivity. Front-facing $4^{*} \mathrm{PM}$ speaker for better voice clarity. Adjustable squelch circuit for quiet operation; special tuning circuit to bring in stations operating up to 1 kHz off-frequency. Transmitter has full 5-watt input; $100 \%$ modulation capability; mike gain control with normal and overmodulation indicators; illuminated RF/S meter; PA/CB switch; ANL switch; harmonic trap for minimum TVI; adjustable pi-network for 45 to $95-\mathrm{hm}$ antennas. Efficient relayoperated transmit/receive functions.
Captive-type connectors. Rugged metal case, $5 \times 13 \times 10 \frac{1}{2}$ ". Instructions. $110-130 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC} / 12 \mathrm{VDC}$ negative ground.
22 W 3809 RW. Shipg. wt., 19 lbs. $\$ 7$ Monthly.
129.95

22 W 3059 RW. Gimbal-Type Mounting Brackel. Wt., $21 / 2$ libs.

## SPECIFICATIONS

RECEIVER CIRCUIT. Sensitivity: $0.5 \mu \mathrm{~V}$ for 10 dB S/N ratio. Selectivity: 7 kHz at 6 dB down points. Dual Conversion IF Frequencies: 6 MHz and 455 $\mathrm{kHz}_{\mathrm{H}}$. Adjacent Channel Rejection: more than 40 dB. Range of Tune Control: $\pm 1 \mathrm{kHz}$. Image Rejection: better than 50 dB . Audio Output: better than 2.5 watts.
TRANSMITTER CIRCUIT. Power Input to Final: 5 watts. Modulation Capability: $100 \%$. Hum and Noise: at least 42 dB down. Antenna Match: Pinetwork. Impedance: adjustable, 45 to 95 ohms. Synthesizer Frequency, Accuracy: better than $.005 \%$ for all 23 CB channels. TVI Protection: adjustable harmonic trap.
GENERAL. Active Elements: 12 tubes, 3 diodes and 2 transistors for equivalent 19 -tube performance. Power Requirements: $110-130$ volts, 60 Hz AC at 60 watts; or 12.6 VDC , neg. ground only, at 4.6 amps. Front Panel Controls: Mike Gain; Tune; Volume; Power Off/On; Squelch; ANL Off/On; PA/CB; illuminated Channel Selector. Cables: AC and DC power cords (DC plug fits car's lighter socket).

## Safari I 23-Channel Mobile Outfit with 102." Stainless-Steel Whip Antenna

Was $\$ 154.95$. A big $\$ 10.00$ savings on this deluxe 23-channel crystal-controlled mobile communications outfit for cars or boats. Includes: Knight Safari I Universal ( $110-130$ volts, $60 \mathrm{~Hz} \mathrm{AC} / 12$ VDC) 23-Channal CB 2-Way Radio Kit; Gimbal Mounting Bracket; Knight KN-2506 102" Stainless-Steel Whip Antenna with Bumper Mount, Ball, Spring, Gutter Clip, Cable and Plug; Allied's "Understanding and Using Citizens Band Radio" Book. Safari I offers performance and reliability usually found only in much more expensive units. Its full 5 -watt input is the most power you can use in a CB transceiver. Complete with detailed instructions. Shpg. wt., 30 lbs. Shipped express.
22 W 0159 L3RZW. 88 Monthly.
.144 .95

Save 10.00 $\$ 144^{95}$ $\$ 8$ monthly


Knight-Kit Citizens Band Equipment Is Your Best Value

# Knight-kit Closeout Prices Save on Four Popular Kits 



> Shown in wamut wood case 54 Watts Mrat Music Power (A) fos Outsranding Stereo Sound $+0 y$ rass manthly



(D)


## 3 Mile <br> Trange!

## (A) KG-854 Solid-State 54-Watt Stereo Amplifier Kit

- Five Pairs Sterea Inputs - Loudness Switch
- Sterea Reverse Switch - Scratch Filter
- Rumble Filter - Tape Recording Outputs

Was $\$ 79.95$ in Cat, 270. Low price for this quality solid-state stereo amplifier. Boasts 54 watts IHF music power; has inputs for Tape Head, Mag, Phono, Tuner, Aux. 1 and Aux. 2. Steren reversing switch; loudness switch: scratch and rumble filters: stereo headphone jack. Self-resetting circuit breakers for complete overload protection. Response, $=1 \mathrm{~dB}, 20-25,000 \mathrm{~Hz}$. Harmonic distortion less than $1 \%$. PC board, plugin transistors, military-type terminal wiring. $23 / 4 \times 13 \times 11^{\prime \prime}$. Sierra Gold/Charcoal. 115 VAC. Case below. Linnited Guantity! 22 W 3605 RW. 14 lhs. $\$ 5$ Monthly. 69.88 22 W 3035 RXW. Wood Case. 4 lbs.... 13.95 22 W 3036 RXW. Metal Case. 3 lbs.... 5.95

## B KG-662 Solid-Stute Power Inverter/Battery Charger Kit

- Full 125. Watt Continuous Power
- Operates AC Appliances from DC
- 4-Amp Taper Charge to $12 . V$ Batteries

Was $\$ 34.95$ in Cot. 270. Inverter/charger kit lets you use many types of AC appliances in vour car, hoat., trailer or camper unit. Converts 12 VDC to $110-130$ VAC has special DC output for universal motor loads: delivers 4 amp tapering charge to 12 volt batteries. Has resettable circuit breaker. Square-wave output, $55-65 \mathrm{~Hz}$ at 125 watts continuous power rating. Solid-state circuit uses 2 germanium power transistors. Generous heat sink area for full power dissipation. Silicon-diode starting network; capacitive and diode despiking network. Output load optimizing switch; pilot light; fuse Aluminum case, $43 / 4 \times 8 \times 81 / 4^{\prime \prime}$. With all parts, solder, instructions.
22 W 3903 RW. Shpe. wt. 7 Ibs.
29.88

## C C-100 Wolkie-Talkie Kit

Closeout priced! Great for campers, sportsmen, or just around the house. Sends and receives messages up to $1 / 4$ mile. Has crystalcontrolled transmitter and sensitive superregenerative receiver. No license requirements or age limitations. Push-to-talk switch: volume control; $40^{*}$ telescoping antenna; $2^{\prime \prime}$ speaker/mike. Solid-state circuit. $53 / 8 \times 27 / 8 \times 1 / 4^{4}$. With all parts, instructions, Ch. 7 transmit crystal. Carrying case, battery below. Limited Quantity!
22 W 3804 W. Shpg. wt., 14 oz...Each 4.88 22 W 3005 RW. 9 -V Batt. Use 1 . Pkg. $3 / 79$ A 22 W 3013 W. Case, Strap. Wt. 4 oz....98t

## [D] C-555 Walkie-Talkie Kit

Was $\$ 15.88$ in Cat. 270. Crystal-controlled transmit/receive; $3 / 4$ mile range. 5 -transistor circuit; superhet receiver; press-to-talk operation. Volume control; $40^{\circ}$ telescoping antenna; earphone jack. Prealigned and mounted IF transformers. No age limit, license requirements. $7 \times 31 / 8 \times 2^{*}$. Batteries, crystals below. Limited Quantity.
22 W 3822 RW. Wt. 2 lbs.... Eoch 11.88
22 W 3014 RW. $9-V$ Batt. Use 1. 2 oz.. . 35
22 W 3092 RW. Case Strap 6 oz 1.98

Crystals. Specify Ch. 2-22. Wt. 3 oz.
22 W 3034 RCW. Transmit. Use 1. 1.95

22 W 3041 RCW. Receive. Use 1
1.95


## KG-625 Deluxe $6^{\prime \prime}$ VTVM Kit

- 1/2-Volt Full Scale DC Range • $1 \%$ Resistors
- $200 \mu$ A Meter Movement - Knife-Edge Pointer

Reads AC. (rms), DC to 1500 volts; AC (p-p) to 4200 V; Ohms to 1000 meg. Pre-aged bridge tube, matched triodes. AC-Ohms/DC probe. $73 / 4 \times 12 \times 51 / 2^{\prime \prime}$. Instructions. Solder Kit Bonus. $110-130 \mathrm{~V}, 50-60 \mathrm{~Hz} \mathrm{AC}$.
22 W 0045 L 2 XW . Shpg. wt., $93 / 4 \mathrm{lbs}$.
44.96

22 W 3130 RW. Wired HV Probe. To 25,000 V. 1 lb. 6.95
22 W 3131 RW. Wired RF Probe. To 250 MHz .1 lb .5 .95
22 W 3975 RW. KG-625 VTVM Kit Alone. 9 lbs..... 44.95


## KG-650 RF Signal Generutor Kit

- Fundamental Coverage from 160 kHz to 112 MHz
- Modulated, Unmodulated and $\mathbf{4 0 0 .} \mathrm{Hz}$ Audio Outputs

Ideal for AM, FM or TV alignment. Five-band fundamental output ( 160 kHz to 112 MHz ), usable harmonics to 224 MHz . Step and continuous-type attenuators. 400 Hz audio output adjustable to more than 10 volts. Provision for external modulation sources. $71 / 4 \times 101 / 8 \times 51 / 4^{\circ}$. 115 VAC. Solder Kiu Bomus.
22 W $004312 \times W$. Shpg. wt., $91 / 4 \mathrm{lbs} \ldots \ldots . . . .27 .96$
22 W 3953 RW. KG- 650 Kit Alone. Wt., $81 / 2 \mathrm{Ibs..}$.


KG-688 Sine/Square Generator Kit

Solid-state circuit uses all-silicon transistors. Sine wave output covers 20 Hz to 2 MHz in 5 ranges; square wave covers 20 Hz to 200 kHz in 4 ranges. Sulzer oscillator circuit; Field Effect Transistor. Complementary symmetry output. Constant impedance, calibrated step attenuators; up to $\pm 41 \mathrm{~dB}$ in 1 dB steps. Sine wave voltage adjustable 0-7.5 Vrms; square wave, $0-10$ V. 4" dial, $6: 1$ vernier drive. anti-backlash. $73 / 4 \times 73 / 8 \times 101 / 4^{\prime \prime}$. All parts, instructions. $110-130 \mathrm{~V}, 50-60$ Hz AC. Solder Kut Bonus.
22 W 0042 L XW. Wt., $103 / 4$ Ibs. 75.01
22 W 3995RW. KG-688 Alone.... 75.00

With Any knight-kit
on This Page

## Butane

Blowtorch/ Soldering Kit
only 18 more

## Save \$3.74

Reg. \$3.75. Pocket-size. Brazes, solders, peels paint, etc. $3500^{\circ}$ pin point flame. With solder, tip, 2 butane charges.


Deluxe taut-band VOM features 57 ranges controlled by a single range/ function switeh and range doubler. Reads AC, DC to 4000 V ; output to 400 V ; ohms to 10 meg ; DC current to 16 A ; decibels from -12 to +74 . Accuracy: DC, $\pm 3 \% ; \mathrm{AC}, \pm 5 \%$; to 1600 V . Has polarity reversing switch; $41 / 2^{\prime \prime}$ mirrored scale ; $1 \%$ resistors. $63 / 4 \times$ $51 / 4 \times 3 \frac{3}{4}$. All parts, leads, batteries instructions. Solder Ku Bonus. $22 \mathrm{~W} 0044 \mathrm{~L} 2 \times \mathrm{WW}$. Wt., $53 / 4 \mathrm{lbs} .44 .96$ 22 W 3954 RW. KG-640 Alone. . . 44.95

## KG-685 Solid-State Color Bar/Pattern Generator Kit

## for Accurate Convergence $\begin{aligned} & \text { and Coler Adiustments }\end{aligned} \quad \begin{gathered}\text { With } \\ \text { Bonus }\end{gathered} \$ 996$ kit $\$ 8955$ alone

Provides 7 crystal-controlled displays for complete color set adjustments: 10 color bars; purity, tracking, crosshateh patterns; horizontal and vertical lines; dots. Gray scale tracking pattern has 6 discrete levels of brightness. -2 V output for Zenith color sets. Has insulation piercing clips; shaded light source; service mirror; storage compartment. $45 / 8 \times 95 / 8 \times 12^{\prime}$. With all cables, test leads, instructions. $110-130 \mathrm{~V}, 60 \mathrm{~Hz}$ AC. Solder Kit Bonus.
$22 \mathrm{~W} 0041 \mathrm{~L} 2 \times \mathrm{W}$. Shpg. wt., $143 / 4 \mathrm{lbs} .55$ Monthly. . 89.96
22 W 3989 RW. KG-685 Alone. Shpg. wt., 14 lbs.... . . 89.95



TR-106 6-Meter Transceiver Kit. Performance-proven KnightKit 6-meter transceiver is ideal for shack or mobile, now at our amazing low sale price! Nuvistor RF and crystal-controlled mixer stages are factory-assembled and aligned for construction ease. Dual-conversion receiver section boasts $0.5 \mu \mathrm{~V}$ sensitivity. AVC action prevents blasting and ANL cuts ignition and pulse-type interference.
Efficient three-stage transmitter has doubler, tripler and straight-through final amplifier. 15 watts input. Plate and screen modulation for low distortion and excellent linearity. Deluxe features include: separate AF and RF gain controls; frequency spot switch; automatically switched, illuminated "S"/RF meter; illuminated vernier-drive tuning dial; transmit indicator light. Front-panel jack for low-im-
pedance headphones or external speaker. Built-in frontmounted speaker. Three front-panel crystal jacks. Rear panel VFO input, VFO power output. Pi-network output matches $30-90$ ohm antenna impedances. Standard SO-239 coaxial antenna connector. Built-in solid-state power supply for $110-130 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$ and 12 VDC neg. ground. With noise-canceling push-to-talk mike, metal case, detailed instructions. $51 / 2 \times 131 / 8 \times 11^{\prime \prime}$. Order crystals or VFO below. Shpg. wt., 22 lbs.
22 W 3460 RKW. 85 Monthly.
99.95

Knight-Kit TR-108 2-Meter Transceiver Kit. As above, but covers $144-148 \mathrm{MHz}$. Has tube-type RF stage. Sensitivity, $1.0 \mu \mathrm{~V}$. Shpg. wt., 22 lbs.
22 W 3462 RXW. 55 Monthly
99.95

## TR-106 AND TR-108 SPECIFICATIONS

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

## ACCESSORIES FOR TR-106 AND TR-108 TRANSCEIVER KITS

22 W 3140 RW. Base for Desk-Top Use. Wt., 5 lbs...... 5.95
17 W 9404 RCS. 6 -Meter Crystal. Specify $8940-8450 \mathrm{kHz}$
will be supplied within $\pm 5 \mathrm{kHz}$. Shpg. wt., $3 \mathrm{oz} \ldots \ldots .2 .95$

## Companion Model V-107 VF0 for 6 or 2 Meters

VFO kit for use with 6 or 2 -meter transceiver kits. Utilizes Clapp Oscillator circuit, carefully temperature compensated, for maximum stability. Voltage-regulator-stabilized DC supply for oscillator. Power is drawn from transceiver kit. Has easy-to-read, backlighted dial calibrated for 6 and 2 meters. Smooth, effortless vernier-tuning drive. B+ switeh and indicator light allow for standby operation. Overall size, $51 / 2 \times 41 / 4 \times 61 / 4^{\prime \prime}$. With all parts, wire, solder and step-by-step instructions. Shpg. wt., 5 libs. 22 W 3461 RW. 5 Monthly.
19.95

# Deluxe Capacitive-Discharge Electronic Ignition System Kit 



## Knight-Kit KG-372 Capacitive-Discharge System Kit

- Up to $\mathbf{2 0 \%}$ More Gasoline Mileage • Improves Starting in Any Weather - Increases Life of Spark Plugs 3 to 10 Times Easy Kit Assembly

Solid-state capacitive-discharge system offers dramatic performance improvement for your car or boat, at an exciting low price. Uses highly reliable SCR switching for more complete combustion, increased acceleration, plus $10 \%$ to $20 \%$ increase in gas mileage, Increased spark magnitude- 3 to 4 times normal-assures improved ignition. Gives fast, sure starts in any weather. Installs in less than 10 minutes into standard ignition system. Leaves original coil intact. For 12 -volt systems only, positive or negative ground. $3 \times 51 / 2 x$ $35 / 8^{\prime \prime}$. With all parts, easy-to-follow instructions. 22 W 9575 W. Shpg. wt., $21 / 2$ lbs. 85 Monthly..
28.95

## SPECIFICATIONS

Inmut Source: 12-volt pos. or neg. ground battery, generator or alternator system. Inputt Current: 1-5 amps. Output Voltage: 400volt discharge pulse. Triggering: Ignition points or other suitable source. Max. Point Series Resistance: Approx. 25 ohms.

## KG-385 Wireless FM Microphone Kit

- No Larger Than A Pack of Cigareltes
- Transmits to Any Standard FM Radio
- Solid-State - All Parts Included
- Pre-Drilled Anodized Aluminum Case

New wireless microphone kit is fun to build and fun to use. No larger than a pack of cigarettes, the KG-385 is actually a pocket-size FM transmitter that lets you broadcast voice, music or any audio signal through your FM radio. No connecting wires needed-broadcasts up to 50 feet. No license required-no technical knowledge needed. Transistorized circuit transmits at vacant frequency on the FM band ( $90-100 \mathrm{MHz}$ ). Can be used as an intercom, too-transmit switch can be left on for babysitting. Order 9 -volt battery (below). $31 / 2 \times 21 / 2 \times 1^{\prime \prime}$. Instructions. 3 lbs.
22 W 9505 W.
8.88

18 W 5999 R. 9 -Volt Battery. 4 oz. Pikg. of 3 for 79 d

## Delta Computach ${ }^{\text {® }}$. . Computer-Tachometer Kit

 Easy-to-build precision engine speed indicator for any 12 -volt ignition system. Solid-state computer assures $1 \%$ full seale accuracy on 0 to 8000 rpm illuminated meter. Exteusive filtering plus voltage and temperature stabilization throughout. Meter has chrome plated die-case housing, $31 / 2^{\prime \prime}$ long by $31 / 8^{\prime \prime}$ dia; red set pointer; wide angle sweep; zero parallax. Computer is $13 / 4 \times 23 / 4 \times 35 / 8^{\prime \prime}$ deep. All-angle ball and socket mounting. Wt., 3 lbs.32 W 9558. s5 Monthly.
28.95

$\$ 5$ monthly


## (A) 1930 Duesenberg SJ Town Car Kit

True-to-scale model of this world-famous luxury car! Front wheels steer by worm and sector gears. Over 150 parts, screwdriver assembly. Die-cast metal, chrome, high-impact plastic. $1 / 18$ th scale, $12 \frac{1}{4}{ }^{\prime \prime}$ long. 22 W 9563. Shpg. wt., 3 lbs.
7.95

B 1930 Packard Sport Phaeton Kit
Elegant classic car . . . one of the most famous of its day. 140 die-cast metal and chrome plastic parts, serewdriver assembly Front wheels steer; hood lifts off to show engine. $1 / 22$ nd seale, $91 / 2^{\prime \prime}$ long. 22 W 9564. Shpg. wt., 2 lbs.

## (C) 1932 Chevrolet Sport Coupe Kit

Snappy-looking Chevy coupe, popular car of the 1930's. Has 75 die-cast metal and chrome-plastic parts. Front wheels steer; hood lifts off to show highly detailed engine. Wire wheels. $1 / 20$ th scale, $8^{*}$ long. 22 W 9565. Shpg. wt., 2 lbs.

## [0] 1930 Duesenberg Phaeton Kit

One of the most talked-about classic cars of all time. 150 die cast and chrome-plastic parts. Features flexible exhaust pipes, worm and sector gear steering actual rubber tires, detailed engine. $1 / 18$ th scale, $121 / 4^{\prime \prime}$ long. 22 W 9566. Shpg. wt., $31 / 2 \mathrm{lbs}$
7.95

## Save $\$ \mathbf{1 . 2 0}$ on Car Kit Package

Reg. $\$ 15.15$. Models of three famous cars- 1930 Duesenberg SJ Town Car; 1930 Packard Sport Phaeton; 1932 Chevy Sport Coupe. 22 W 0302 L3. Wt., 7 lbs. . . 13.95

## Practical Lamp Kits

| $\substack{\text { Stage } \\ \text { Coash } \\ \text { lomp }}$ | CRAFT MASTER |
| :---: | :---: |
| $\$ 695$ | "Western-Motif" |

Lamp Kits


## [因 Stage Coach Lamp Kit

Brighten your room with a bit of the old West. Handsome stagecoach lamp kit ineludes all parts for an authentic old time stage coach, plus providing a useful light. Attractive printed lamp shade adds to the mood with a Western campfire scene. Fireproof. Easy-to-assemble. Uses standard 110-V bulb (not supplied). 111/2x 61/8x163/4. For 110 VAC 22 W 9555 . Wt., 3 lbs .
6.95

## (Fovered Wagon Lamp Kit

Detailed covered wagon model brings the spirit of the pioneers to your study, den or rec room. Makes a practical, non-glaring lamp with the wagon cover making its own lamp shade. All parts included for both wagon and lamp. Uses standard 110 V bulb (not supplied) Fireproof. Easy to assemble. Overall size. $14 \times 61 / 2 \times 10^{3} 4^{4}$. Operates from $110-130 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$.
22 W9556. Wt., 3 lbs.
4.95

## (G) Decorotor-Styled High-Intensity Lamp Kit

Provides bright, clear light when and where you need it--great for studying, doing close hobby work, or just reading. Non-giaring light is equivalent to 150 watt incandescent bulb. Folding arm for compact storage. Hi-Lo-Off switch lets you select the exact light yon need Handsome mar-proof wood-grain finish; double shade; deluxe rosewood inlay in base for a real decorator's touch. Beige color. Assembles easily in just a few hours. With 93 bulb. 110 VAC. From Japan.
22 W 9501. Shpg. wt., 2 lbs.

# Deluxe Hobby Kits 

## (A) Famous Renwal Visible V-8 Engine <br> Fully Detailed. . Actually Operates $\$ 1098$

Educational and informative V-8 engine kit simulates the power plant of many automobiles. Gives you a good working knowledge of the V-8 engine. All parts are precision molded in four basic colors, including "clear" so that the actually functioning pistons, connector rods, rocker arms, and even the properly timed spark plugs can be easily olsserved. Complete with miniature electric motor, all necessary metal parts, and an informative instruction and operating manual. Operates on two "C"' batteries; order below. Overall size, $141 / 2 \times 101 / 2 \times 71 / 4$ ".
22 W 9554 X. Shpg. wt., 5 lbs.
10.98

18 W 5865. Bolteries. Wt., 6 oz..Pkg. of $2 / 33 \phi$
(B) Cox Chaparral Gas Racing Car Kit
Exciting Working
scale Model $\quad \$ \prod 95$

Now you can have your own working scale model of the race car everyone's talking about! The Chaparral has proved itself in races around the world. Its years-ahead engineering, top) performance and speed have made it a winner many times over. Realistic seale model has front dive planes; movable rear spoiler: handsome chrome accessories; racingtype tires and numbers, rugged steel X-frame; chassis with shock absorbing front wheels. Dual rear wheel drive has 2.8:1 gear ratio. Fast-starting . 049 cu. Yn. gas engine. Fully detailed assembly instructions. $1 / 20 \mathrm{th}$ scale, $10^{*}$ long.
22 W 9552. Shpg. wt., 3 lbs.
11.95
(C) Renwal Mustang GT Fastback Kit

## True-to-tife Scale Model

 $\$ 795$A model maker's must, this authentically detailed spate model will provide hours of kitbuilding fun and give a thorough knowledge of the workings of one of America's most popular cars. Features many working mecha-nisms-doors, hood and trunk open; windows crank up and down; front and rear seats fold. Has an actual operating steering mechanism, and fully detailed engine, undercarriage, plus suspension systems. Rugged die-cast metal parts. handsome chrome trim. Realistic rubber tires. Assembles easily in just a few hours; has detailed instruction manual. 1/12th actual size; $151 / 2^{\prime \prime}$ long. 22 W 9553 X. Shpg. wt., 4 lbs.
7.95

## [0] Revell Cutty Sark Clipper Ship Kit

With full Sails $\$ 195$
One of the most famous ships of the 19th Century now in a truly impressive scale model. Gives a rugged. masculine appearance to any room in your house. Has full sails; prepainted hull; authentically detailed planking and interior. Ready-to-riz deadeyes and blocks. Even includes twenty reatistically detailed crew members to add a lifelike touch. Molded in three colors. Includes all parts and cement, plus an informative 26 -page historical booklet from the Cutty Sark Society giving the history and times of these famous clipper ships. Overall sive, $22^{\prime \prime}$ high, $36^{\prime \prime}$ long, $5^{"}$ wide.
22 W 9545 X. Shug. wt., 5 lhs.
11.95


# Exciting Kits ..Explore the Mysteries of Science 



Weather Station Lab Kit Forecasts Weather

$\$ 9$. Measure Wind Speed and Direction<br>- Gauge Rainfoll to $1 / 100$ th of an Inch<br>- Includes Weather Map. Cloud Chart

Here is a great offer for junior scientists, hobbyists, and do-it-yourselfers. This easy-to-assemble weather station lab kit actually enables you to forecast the weather. Everything you need is included. Fou build a Remote-reading Anemometer and Wind Vane for measuring wind speed and direction; sensitive Air-Tank Borometer with 4-ft. indicator column, to measure changes in atmospheric pressure; Sling-Psychrometer to measure relntive humidity; Rain Gouge that measures rainfall to $1 / 100$ th of an inch. Flashing neen indicator lights show wind speed and direction on indoor indicator board. Equipped with safety power cord. $150-\mathrm{ft}$. lead-in wire. detailed weather map, cloud chart, forecasting manual, and illustrated, easy-to-understand instructions. For $110-120 \mathrm{~V}, 60 \mathrm{~Hz}$ AC. Shpg. wt., 2 lhs. 22 W 9514


## Complete Outfit

 $\$ \mid 18$
## Weathercraft Deluxe Weather Forecasting Lab Kit

Now you can do your own weather forecasting easily and accurately with this Porter "Weathercraft" complete weather forecasting lab kit. The set contains every instrument necessary to predict the weather as accurately as your TV weatherman. Includes: Wind Vane and Anemometer to measure wind direction and speed; Compensated Aneroid Borometer to record any
changes in atmospheric pressure; complete set of Graphs for charting air pressure and temperature; Psychrometer for determining relative humidity; Roin Gauge for measuring amount of rainfall. Set is packed in a 3-panel metal box that withstands rough wear. Wt., 6 lbs.
22 W 9557 X
11.88

18 W 5865 R. "C" Batts. (Uses 2.) $6 \mathrm{oz} \ldots 2 / 33$,

## Phofography Darkroom Kit with Precision Enlarger

Great value for shutterbugs, hobbyists, and beginners. Money-saving Photography Lab Kit contains everything you need to develop and print your own photos at home. Features: Precision 35 mm Horizontal-Type Enlarger with twin condensing lenses and $3^{\prime \prime}$ focal length projection lens. Produces quality enlargements up to $8 \times 10^{\circ}$. Contact Print Frame takes negatives up to $31 / 2 \times 41 / 4^{\prime \prime}$. 3 Plastic Developing Trays, Tray Thermometer, Developing Chemicals, Film Clips, Neon Safelight, Printing and Enlarging Paper, Darkroom Handbook, Instructions. Wt., 4 lbs. 22 W9522.
12.95

## Completely Safe, Educational Atomic Energy Lab Kit

Atomic Energy Lab Kit opens up the fascinating world of nuclear physics. Safe radioactive materials enable you to conduct simple experiments in nuclear reaction. Atomic Cloud Chamber with projector illuminator lets you track the movement of alpha, beta particles, and measure the speed and density of cosmic rays and atmospheric ionization. Spinthariscope measures the changes in the atom's nuelear structure and the resulting energy production. Electroscope, with scale and magnifying viewer, measures radiation and tests samples. Wt., 3 IIbs. 22 W 9523

## Price Cuts on Shortwave Receivers, Converters



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

- Four International Shortwave Bands
- Built-in AFC - Tone Control
- Drift-Free FM - AM Broadcast Band - Headphone, External Speaker Jack

Was $\$ 74.95$. Enjoy the excitement of shortwave listening! Tunes four international broadcast bands: $5.9-6.25 \mathrm{MHz}, 9.45-9.8 \mathrm{MHz}, 11.65-12.05 \mathrm{MHz}$ $15.05-15.55 \mathrm{MHz}$. All four are full-dial for extra-wide station separation and effortless tuning. Dial is marked with major international stations. Also tunes $88-108 \mathrm{MHz}$ FM band for static-free music, and AM broadcast band. Tone control; AFC; built-in speaker; jack for external speaker or headphones. Three antennas: loopstick AM broadcast; FM line: SW wire. Provision for external antenna. Metal cabinet measures $6 \times 13 \frac{5}{8} \times 8 \frac{1}{4} 4^{\prime \prime}$. For $110-120$ V, $50-60$ Hz AC . Shpg. wt., $111 / 4$ lbs. 17 W $9547 \times 85$ Monthly.
69.95

SAVE ON WORLD-FAMOUS HALIICRAFTERS RECEVER

Save $\$ 5.00$
\$5 monthly

## Six Bands

4 Infernational Iroodcest Iands: 5.9 .
$6.25 \mathrm{MHz}, 9.45-9.8 \mathrm{MHz}, 11.65$ -
$12.05 \mathrm{MHz}, 15.05-15.55 \mathrm{MHz}$
FM Iand: 88-108 MHz.
AM Breodest Dond: $550-1600 \mathrm{kHz}$.

# Special Sale Price ${ }^{5} 47^{95}$ manir 

Wos $\mathbf{\$ 4 9 . 9 5}$. Value-packed shortwave and AM receiver now at an exciting low price. Listen to news, music commentary, drama from the capitals of the world. Hear English, foreign language broadcasts. Offers four full-dial International Broadoast Bands, plus all your favorite programs on the standard AM broadcast Band. Covers: AM, $550-1600 \mathrm{kHz}$; Shortwave, 5.9 to $6.25 \mathrm{MHz} ; 9.45$ to 9.8 MHz ; 11.65 to 12.05 MHz ; and 15.05 to 15.55 MHz . Features: built-in speaker; front-panel headphone jack; tone control. Built-in ferrite antenna for AM; uses external antenna for SW. Illuminated slide-rule dial is labeled with the names of countries to aid in finding major stations. Walnut grain metal cabinet, $57 / 8 \times 131 / 2 \times 8^{3} / 4^{*}$. For $105-125 \mathrm{~V}, 60 \mathrm{~Hz}$ AC.
17 W 6405 RX. Shps. wt., $113 / 4$ lbs. 85 Monthly.
47.95


- Solid-State, Battery-Powered
- Wireless-Needs No Installation - Use With Any AM Broadcast Radia

Wos $\$ 11.95$. Hear local aircraft transmissions ( $108-135 \quad \mathrm{MHz}$ ) through any AM radio that tunes $540-1600 \mathrm{kHz}$. No wire connection needed, Just place converter next to radio, tune radio to any unused frequency. $22^{\text {v }}$ teleseoping antenna. $4 \times 2^{13} / 16 \times 19 / 16^{\prime}$. Order battery below. From Japan. Shpg. wt., 8 oz.
17 W 8500
9.95

18 W 5650. 9-V. Batt. 3 oz. Ea. 48\&

## Special Values in CB Walkie Talkies



## ALIED A2543 1-Wott 3-Channel Save $\$ 3995$ <br> 53.00 55 montily

Was \$42.95. Feature-packed 13-transistor walkie-talkie, with three-channel erystal-controlled transmit/receive. "Call Signal" tone alerts you to incoming calls from similar units. Superhet receiver has RF stage for strong reception, AGC, variable squelch. Battery/Output meter. Telescoping antenna. Jacks for optional battery charger, ext. antenna, AC adapter. Metal case, $81 / 2 \times 31 / 2 \times 2$ ". With Ch. 11 crystals. Order 8 penlite cells or rechargeable battery below. Extra crystals on page 58. Japan. 2 lbs . 17 W 9801 RS. $\$ 5$ Monthly..... 39.95

Lloyd's 7A08 Two-Chamnel 5200
5 $\$ 2^{95}$ s2.00

Each
Was $\$ 14.95$. Nine-transistors. Offersthe versatility of two-channel operation, at an amazing low price. Includes AC adapter for use at home, too. Provides excelleut communications with $100-\mathrm{mW}$ transmitter and sensitive superhet receiver. No license required -no age limit. On-off/volume control, push-to-talk switch. Telescoping antenna. Chromed plastic case, $25 / 8 x$ $55 / 8 \times 11 / 2^{\prime \prime}$. With sturdy carrying case, AC adapter, 9 -volt battery, and crystals for Channel 9. Extra crystals on page 58. Japan. Shpg. wt., 1 lb 17 W 9774 RS
12.95

ALLIED A2544 2-Wott 3-Channel Never
Priced $\$ 4450$

Lower! \$5 monthly

Perfect where greater range and depeudability are a must! Fifteen-transistor circuit, 2-watt input, $100 \%$ modulation. Tuned RF stage for extra sensitive reception. Variable squelch quiets receiver between calls. "Call Signal" alerts other similar units when you call. Telescoping 11 -section antenna. Battery/Power meter. Full panel of accessory jacks. Metal cabinet, $8 \frac{1}{4} \times 31 / 4 \times 21 / 4^{\prime \prime}$. Order 8 penlite cells or rechargeable battery below. With Ch. 11 crystals, leather case. Extra crystals on page 58. 17 W 9802 RS. Japan. 2 lbs..
44.50

## ACCESSORIES FOR ALLIED MODELS A2543 AND A2544 WALKIE-TALKIES

[^0]12-Volt Battery Charger. Shpg. wt., 6 oz . 17 W 9643 R.

# Big Summer Sale on CB Two-Way Radios 

# Allife ${ }^{\text {s }}$ 

## NEVER PRICED LOWER! $\$ \mathbf{g}^{95}$ <br> \$5 <br> monthly

## COMPACT 12-CHANNEL TWO-WAY CB RADIO

- Up to 12 Crystal-Controlled Transmit/Receive Channels
- Uitra-Stable-13 Silicon Transistors and 9 Diodes

Modern Compact Style . . . Solid-State Reliability

## Save on AluFD' 23-Channel 2-Way CB Radio

# ALLIED 

## 23-CHANNEL CB RADIO SUMMER SALE

# Gut $\$ 5.00$ More $\$ 99^{\$ 7}$ monthly 

$\sqrt{ }$ Cut $\$ 5.00$ From Previous Low Sale Price of $\$ 134.95$<br>$\sqrt{ }$ Solid-State Electronic Switching-No Mechanical Relays<br>$\checkmark$ With All Crystals for 23-Channel Transmit and Receive



## Allied A-2533 Selid-State 5-Watt 2-Way CB Radio

Get more out of your CB operation with this fine 23 -channel solid-state CB rig-now at a money-saving low price. Boasts latest design and finest engineering for optimum performance. Frequency-synthesis gives 23 crystal-controlled transmit/receive channels-no crystals to buy. Full b-watt RF input, plus Range Expander to strengthen talk power. Extra-sensitive superhet receiver has adjustable squelch. Zener diode overload protection. Pi-network output. Uses 20 silicon transistors and 9 diodes. Solid-state transmit/receive switching eliminates mechanical relays. With mobile mitg. bracket, push-to-talk ceramic mike. $21 / 2 \times 67 / 8 x$ $9^{\prime \prime}$. For 12 VDC neg. gnd. Optional AC supply below.
17 W 6440 RX. Shpg. wt., 6 lbs. 87 Monthly.
129.95

17 W 6438 RX. AC Power Supply for A-2533. Shpg. wt., 4 ibs....... . . . 19.95



Package of Crystals for All 23 Channels Included

Separately, s179.90. Compact solid-state CB radio, plus transmit and receive crystals for all 23 channels at one sensational low price! Receiver has 5 tuned circuits for outstanding selectivity. Fine-tuning control lets you tune even off-frequency signals. Squelch; 23-channel illuminated rotary switch. 5-watt R.F input; double-pi 50 -ohm output. Zener diode regulation. $67 / 8 \times 81 / 2 \times 21 / 4^{"}$. With push-to-talk speaker/mike, power cable, crystals for Channel 9, plus Crystal Package (reg. \$69.95) for all other channels. For 12 VDC neg. gnd.
17 W 0210 L2X. Shpg. Wt., 8 libs. 87 Monthly
129.90

17 W 6815 R. Mobile Mounting Bracket. Wt., 1 lb.
.. 3.95
17 W 6814 RX. 117 VAC Power Supply. Wt., $31 / 2 \mathrm{lbs}$.
19.95

# Exciting Bargains in Citizens Band Equipment 

Regency "Imperial" DSB/AM CB Radio with Bonus
Upper and Lower Sideband or Standard AM on All 23 Channels

## 530900

$\$ 15$ monthly

## Alone $\$ 20000$

 $\$ 15$ monthly Advanced design crystal-controlled 23 -channel two-way radio offers upper and lower sideband, plus standard AM operation. Has DSB, suppressed carrier and balanced modulation for sideband reception; AM with balanced carrier and high-level modulation. Compatible with any other CB radio. Has: double conversion superhet receiver; product detector; 5-watt input. Base/mobile power supply, 117 VAC/12VDC. $111 / 2 \times 51 / 4 \times 93 / 4^{*}$. With mike, all crystals, plus bonus antenna.17 W 0741 L 3 Z . Shpg. wt., 53 lbs. 515 Monthly.
309.00

17 W 6840 RK. "Imperial" CB Two-Way Radio Alone. Wt., 23 lbs.. . . 299.00
17 W 6845 RX. Mobile Mounting Bracket. Shpg. wt., 2 lbs.. . . . . . . . . 12.95
 Coax Cable

Sefls Alone for $\$ 45.45$. Five-element beam antenna has forward gain of $12.3 \mathrm{~dB} ; \mathrm{F} / \mathrm{B}$ ratio, 25 dB or better. Vertical or horizontal use. Yours for $\$ 10.00$ with purchase of Imperial CB Two-Way Radio.

# Values in Johnson "Messenger" CB 2-Way Radios 

## Messenger 320 Solid-State 23-Channel 5-Watt CB 2-Way Radio Complete with All Transmit and Receive Crystals

- Full Legal-Limit Power Input
- Built-in Speech Compressor
- $0.5 \mu \mathrm{~V}$ for 10 dB S/N Sensitivity
- Combination S/Power-Output Meter

Ready for 12-VDC
Operation on All 23 Channels

## $\$ 19950$

You'll like the great solid-state performance of this brilliant new Citizens Band 2-way radio. It has the most powerful transmitter you can buy (full legal-limit 5 -watt input) and a highly sensitive double-conversion superhet receiver ( $0.5 \mu \mathrm{~V}$ for $10 \mathrm{~dB} \mathrm{~S} / \mathrm{N}$ ratio) that pulls in signals less sensitive sets miss!' Operates on all 23 channels through frequency synthesis. All crystals are furnished and installed. Advanced design circuit contains 23 transistors and 15 diodes. Built-in speech compressor gives greater talk power and range without distortion or splatter. Other features: combination $\mathrm{S} / \mathrm{Power-Output}$ meter; squelch control for silencing speaker between calls; built-in 3-watt public-address system requiring only an external speaker for operation; well-designed ceramic microphone. Size only $21 / 2 \times 8 \times 91 / 2^{\prime \prime}$. With universal mobile mounting bracket. For 12-VDC negative-ground operation on all 23 channels. FCC Type Accepted and DOT Approved.
$\$ 10$ monthly

# Messenger II 5-Watt 10-Channel CB 2-Way Radio With 23-Channel Continuously-Tuned Receiver 

- Use as Base or Mobile Station with Dual Power Supply
- Switch Selection of Up to 10 Crystal-Controlled Channels
- Highly Sensitive and Selective Superhet Receiver
- Positive-Action Squelch Silences Receiver Between Calls
- Automatic Volume Control Reduces Fading and Blasting
- High-Efficiency Automatic Noise Limiter Quiets Reception
- Meets Federal Communications Commission Speciflcations

Now save $\$ 20.00$ on this famous Citizens Band 2-way radio! You get efficient communications, flexibility, and ease of operation. Select any one of ten crystal-controlled transmit/receive channels (supplied with Channel 11 crystals) or all-channel tunable receive with a flick of the finger. Advanced design transmitter makes full use of the 5 -watt legal-limit input power-punches out a penetrating signal with solid authority. The sensitive superhet receiver pulls in those weak signals. Features $100 \%$ modulation capability; automatic volume control; automatic squelch control; automatic noise limiter; AC and DC power supplies; "on the air" red light when microphone button is depressed; illuminated channel indicator and rotary channel selector. 10 tubes, rectifier, 3 diodes. $55 / 8 \times 7 \times 113 / 8^{\circ}$. With ceramic mike, power cords, Channel 11 crystals (see Page 58 for additional crystals). For 110-130 VAC or 12 VDC. Shpg. wt., 17 lbs.
17 W 6002 X. 87 Monthly. . . . . . . . . . . . . . . . . . . . . . . . . . 129.95

## Professional 5-Watt CB 2-Way Radio



(nEW)
Pushbutton Controls for Four Functions

## \$32995

 $\$ 16$ monthly
## Squires-Sanders "Admiral" Solid-State 23-Channel 2-Way Radio

\author{

- Mike Has Built-In Preamplifier <br> - Exclusive Pulse Noise Eliminator <br> - Sensitive Double-Conversion Receiver <br> - Accurate 12-Hour Digital Clock
}

Luxurious new professional solid-state base station with pulse eliminator and ANL for clear, quiet reception. Excellent $0.5 \mu \mathrm{~V}$ sensitivity; sharp crystal lattice filter; adjustable squelch for silencing receiver between calls; automatic gain control for holding audio output virtually constant. Full 5 -watt transmitter modulates $100 \%$; has speech booster for increased talk power and range; frequency synthesizer for 23-channel crystal-controlled transmit/receive. Also: PA provision; S-meter; 30-75 ohm adjustable pi-network; provision for fine-tuning received signals; regulated solid-state power supply. 29 silicon transistors, 6 diodes, 2 zener diodes. Handsome vinyl cloth covered cabinet, teakwood panel. $51 / 4 \times 133 / 4 \times 10^{3} 4^{n}$. With all crystals ${ }_{r}$ PTT ceramic mike and solid-state preamp, die-cast aluminum mike stand. For 105-125 VAC. Shpg. wt., 11 lbs . 17 W 6272 K. $\$ 16$ Monthly.
329.95

## Antenna Specialists CB Antenna Sale

## VALUES IN BASE, MOBILE AND PORTABLE MODELS <br> SALE ENDS AUGUST 30, 1968 FOR ITEMS "C" AND "D"

(A) M-148 "Speakin Beacon"

Was $\$ 29.95$ in Cat. 260. An advanced concept in Citizens Band antenna design-it actually lights up when you transmit! Red neon light at top of antenna is triggered by R.F energy. No separate wiring to light is required. Aluminum coaxial type, $18^{\prime \prime}$ high. $1 / 2$ wave. Fits 1-in. O.D. pipe. Shpg. wt., 8 lbs. Shipped truck or express.
17 W 6367 ZW. 85 M onthly... 22.95
(C) M-176 Trunk Mount Antenno

Was \$23.27. Sove \$2.33. Base loaded antenna with attractive gray jacket and chrome fittings. Has "Quick Grip" mount-no holes to drill. Stainless steel whip with adapter provides for $11 / 4$ : fine tuning adjustment. Stainless steel spring. VSWR 1.5:1 or better. Solderless lead connection to antenna. $16-\mathrm{ft}$. RG/58U, PL-259.
17 W 8645 RX. 3 libs. $5 \overline{5}$ Mo. . . 20.94

## [0] WT-1 "Whipper-Smapper"

Ideal replacement for any broken or worn Citizens Band walkie-talkie antenna. Base loaded, it installs without removing existing antenna. Professionally designed to provide equivalent performance and also to enhance appearance of walkie-talkie. Its shorter length eliminates the awkward look of long antennas 17 W 6371 . Wt., 116

Closeout of popular ground plane antenna. $108-\mathrm{in}$. solid aluminum heat-treated radials and radiator. Supplied in two 54 -in. lengths joined by coupling nuts to simplify installation. Radials are bent at proper angle for 50 -ohm match. Coaxial fitting accepts PL-259. Fits 1 to $11 / 4$-in. masts.
17 W 6370 X. Wt., 7 lbs... ... 12.95

# Radio Control Equipment, 

Model Plane ls Fully Assembled

## Testor Redio-Controlled Model Ford Mustang GT

$1 / 11$ scale. Non-sequence (pulse) proportional radio control. \&-transistor transmitter, $100-\mathrm{mW}$ power; 9 -transistor receiver. Styrene body, $4 \times 16 \times 6^{\prime}$. With rechargeable nickel-cadmium receiver batteries, 115 VAC charger, transmitter ( $71 / 8 \times 47 / 8 \times 21 / 4^{\prime \prime}$ ). Transmitter batteries below.
17 W 8365 X. Shpg. wt., $81 / 2$ lbs. $\$ 5$ Monthly.
79.95 18 W 5870 R. Batteries. (Uses 8.) 4 oz. . Pkg. of 2 for 20 f

## Testor Rodia-Controlled "Skyhowk" Medel Plame

Fully assembled styrofoam plane with $250-\mathrm{mW}$ radiocontrol. Has $44^{\prime \prime}$ wingspan $27^{\circ}$ fuselage high-torque .049 cubic-inch internal combustion engine. 8-transistor transmitter, $71 / 847 / 8 \times 21 / 4$. $250-\mathrm{mW}$ input power. 9 -transistor receiver. With rechargeable nickel-cadmium receiver batteries, 117 VAC charger. Transmitter batteries left.
17 W 8373 X. Shpg. wt., 9 lbs . $\$ 5$ Monthly.
79.95


## Model DP-I Single-Chanmel Digital Proportional Control System

## $59^{5}$

$\$ 5$ monthly

- Feedback Actuator Has $41 / 2$ Lbs. Thrust
- Servo Draws Current Only When Signalled
- Servo Moves Only When Stick Is Moved

Single-channel control system for model boats, planes, cars. Has digitaltype transmitter; superhet receiver; servo mechanism on mounting tray with connections for receiver and batteries. Works with 049 engine models through largest models available-has enough power for any size control surface. Receiver, $21 / 4 x^{3} / 4^{7} \times 7 / 8^{\prime \prime}$; transmitter, $63 / 8 \times 3 \frac{3}{8} \times 23 / 8^{7}$; mitg. tray, $37 / 162 \times 15 / 8^{\prime \prime}$. Batteries below.
17 W 8370 X. Shpg. wt., 3 lbs. $\$ 5$ M Muthly.
79.95

18 W 5425. Receiver Batteries. Uses 4. Shpg. wt., 10 oz . . Pkg. of 4 for 1.31
18 W 5156. Transmitter Batteries. Uses 1. Shpg. Wt., 4 oz....... Each 1.36
18 W 5904. Receiver Battery Holder. Shpg. wt., 3 oz.
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. Wt., 3 oz. (Channels May Be Assorted for Quantity Prices.) To Order: Each......2.50 3-9......Each 1.94 10-Up...... Eoch 1.75

| Manufacturer and Model | Stook No. |  | Manufacturer and Model | Stock No. |  | Manufacturer and Model | Stock No. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Transmit | Recelve |  | Transmit | Receive |  | Transmit | Receive |
| Allied A-2507 | 17 W9394 RCS | 17 | ers CB6 | 17 W9353 RCS |  | Lincoin L. 2700 | 17 W9353 RCS | 7 W9375 RCS |
| Allied A-2530 | I7W9394 RCS | 17 W 9395 RCS | Hallicrafters CBzo | 17W6600 RCS | $17 W 6603$ | Incoln L-2700A | 17 W9366 ACS |  |
| Allied A-2543, A-2544, |  |  | ath CB2, GW10, 11 . |  |  | Lincoln L-2710 | 17 W9369 RCS | 17W9375 RCS |
| A-2545 | 17 W9369 RCS | 17W9401 RCS | $12,22,32,34,42 \text {, }$ |  |  | Lloyds 7A08, 11, 8A22 | 17 W9369 RCS | 18CS |
| Amphenol 510B | 17 W6600 RCS | 17W6601 RCS | MW30, MW33 | 17 W9366 RCS | I7W9360 RCS | Matrotek "Colt 23" | 17 W 9408 RCS |  |
| $\begin{aligned} & \text { Amphenol } 600,625 \text {, } \\ & 650,675 \end{aligned}$ | 17 | $17 \mathrm{W9} 963$ Acs | Heath 614, GW21. GW52, GRS-65A | $17 \mathrm{W9} 353$ RCS | W9365 | Metrotek "Musteng," |  |  |
| B \& K Cobra 5 | 17 W9394 RCS |  |  |  |  | Metrotek "Pacer II" | 17W9408RCS | 17W9409RCS |
| Cadre 500 | 17 W9394 RCS | $17 \mathrm{W9370}$ RCS | 100A, 100C, 1000, |  |  | Midland 13-105, 106. |  |  |
| $520$ | 17 W6600 RCS | 17 W6601 RCS | $\begin{aligned} & \text { CT2-50, CTZ-5A2, } \\ & \text { CT2-5e2 } \end{aligned}$ | W9354 RCs |  | $108,110,111,120$, 124B, 132, 133, 143, |  |  |
| Catilone 5A, 6, 7, 11, 99 | 17 W937I RCS | $17 \mathrm{W9372}$ RCS |  | 17W6602 RCs |  | $150,410,430.760$ |  |  |
| Claricon Century | 17 W9369 RCS | $17 \mathrm{W9401}$ RCS | Knight-KIt C-22, C-560 Knight-Kit C-540 |  | 17W9358RCS | $775,2910$ | 17W6939 RCS | 7 W940I RCS |
| Demeno Satellite | 17 W6604 RCS |  | Knighl-Kit, C-555 |  |  | son Spotter 1, 2, |  |  |
| Demco Chalet Denco Ravelle | I7 W9369 RCS | 17 W 9401 RCS | $\text { NG - } 4000 \mathrm{~A}$ | $17 \mathrm{W9} 353$ RCs | 17 W9365 RCs | RAS30 | 17W9366 RCS |  |
| E. F. Johnson Personal | 17W6604 ${ }^{\text {nes }}$ |  | Knight-Kit Safsri H, III, IV | I7W9394RCS |  | son RA396, RA442 |  | cs |
| Messenger | 17 W9353 RCS |  | Knight KM-2500, KN- |  |  | Ison 717 | $17 \mathrm{W9} 354 \mathrm{RC}$ | 7 W 9360 RCS |
| E. F. Johnson Messenger 1, II |  |  | $2550, \mathrm{KN}-2580$ |  | $17 W 9358$ | Olson RA482. RA52 | 17 W9366 RCS | 9363 RCS |
|  |  |  | Knight KN-2520, 2522 | 1 | 17 W9409 RCS | ace I, II, IIs, | W6600RCS | 17 W9406 RCS |
|  | 17 W9394 RCS | 17 W9401 RCS | Knight KN-2590 |  | 17 W 9360 RCS | Pearce simpson Comp. H | +939 | 17 W940I RCS |
| E. F. Johnson Mossen. eer $1 \mathrm{H}, 300$ | 17W9394 RCS |  | $\begin{aligned} & \text { Lafayelte H } \\ & 20 \mathrm{~B}, 20 \mathrm{C} \end{aligned}$ |  |  | Raytheon TWR-5, 6, 7, $8,9,11$ | 17 W6600 | 17 W6603 RCS |
|  |  |  | $43 \mathrm{C}, 65,90,43$ | I7W9366 RCS | 17 W9358 RCs | RCA Mark Vili, IX |  | 17 W9359RCS |
| Eico Sentinel 12, 112 <br> Fanon DCL-50, RCB. | I7W9366 RCS | $1$ | alayette ME-20T, |  |  | RCA Mark X | 17 W6600 RCS | 17 W9406 RCS |
| $10, \text { FCB-11, } 12,13,$ |  |  | ayette HE29, 29A. | 17W9394 RCs | 17 W940 | $\begin{aligned} & \text { ealistic CBK } \\ & \text { TRC27A } \end{aligned}$ | I7W9366 RCS | 7 W9363 RCS |
| $\begin{aligned} & 55,90,91, \text { L- } 1000, \\ & \text { L- } 2000 \end{aligned}$ | 17 W 9394 RCS | 17W9401 RCS | B. HIOFC. HE33, |  |  | Regency Ranger | 17W6600 RC | \|7W94 | | RCS |
|  |  |  | , 1 a |  |  | ars Cat. No. 6450, |  |  |
| General MCA, MC5, |  |  | HA60, HA62, HE75 |  |  | 0 |  | 5 |
| MC6, EMS, EM6 |  | 17 W9363 Acs |  |  |  |  | $17 \mathrm{W6600} \mathrm{RCS}$ | CS |
| General Echo 9 | I7W9369 RCS | I7W9401 RCS | 210, HA295, |  |  | Sears Cat. No. 6558 | 17W9394 RC | 7 W9401 RCS 7 W9963 RCS |
| Hallicratters CB2. |  |  | 300, 303, 711 |  |  |  |  |  |
| СВЗА, СВ5A, СВ7, CB9, CB10 CB17. |  |  | fayette HB111, 200 <br> dayutt "Comstat 9" |  | 17W9358 RC 17 W9363 RC | onar E (below 915) |  | W9378 RCS |
| $\begin{aligned} & \text { CB9, } \\ & \text { CB27 } \end{aligned}$ | 17 W935 | 17 W93 | ayutto Comstat 9 |  | $1$ |  | I 7W6604 RC 17W9368 R | W9378 RCS W9378 RCS |
| allicrafters CB |  |  | coln L-2540, 41, 42 | 7 W9369 RCs | W9401 | uires S |  |  |
| CB19. CB21 | 17 W 6600 PC | 7 W9407 RCS |  |  | W9401 | S5S | 17 W6600 RC | 7 W9344 RCS |

## Summer Specials on Car Radios and Reverbs

\$5 monthly
Solid-State Pustbuttion FM-AM Redio with Choice of Dash or Irouk Reverb

Deluxe FM-AM car radio plus your choice of dash or trunk-mount reverb unit-sensational year-end value! Radio boasts push-pull output for plenty of volume without distortion. Four IF stages assure excellent sensitivity and freedom from static. Continuous tone control; AFC. Nine
tuned circuits on FM, seven on AM. Easy-to-set pushbuttons. Under-dash mounting. $5 \times 7^{\prime \prime}$ speaker. $23 / 8 \times 61 / 2 x$ $65 / 8^{\circ} .12 \mathrm{~V}$ neg./pos. Japan. Reverbs described below. 16 lbs.
19 W 0036 L2X. With Dach Reverb 70.95 19 W 0037 L2X. With Trunk Reverb 70.95 19 W 4458 X. Radio Only. 11 lbs. 69.95

## -9 more

## CHOICE OF REVERB



Trunk Mownt

## Save io s ${ }^{5} 8.95$

Allied exclusive-FM-AM radio with reverb system (described (C), (D) below)-only $\$ 1$ morel

Universal AM Rodios with $1 \&$ Auto Antenna Bonus


Pashbutton
Tuning
$\$ 2996$
With Antenmo

(A) Universal Manual-Tuning AM Car Radio with Antenna Bonus. Solidstate with 7 tuned circuits; RF stage. $4^{\prime \prime}$ speaker. Mounts under or in dash of cars, boats. $2 \times 63^{3} 8 \times 5^{7}$. For 12 VDC neg./pos. gnd. Japan. Plus antenna (see right) for only $1 \&$ more. Order now at this low price!
19 W 0017 L 2 X . Wt., $11 \mathrm{lbs} . .$. . 19.96
(B) Universal Pushbutton AM Radio with Antenna Bonus. Solid-state with 8 tuned circuits. Mounts under dash in 12 -volt cars, boats. 5 "quick-set"" pushbuttons. $4^{\prime \prime}$ speaker. $2 \times 63 / 8 \times 5^{\prime \prime}$. For 12 VDC neg./pos. gnd. Japan. Plus bonus antenna (see right) for only 14 more.
19 W 0018 L2X. Wt., 11 lbs.... . 29.96

BONUS ANTENNA only | more Save \$3.28

Regular
$\$ 3.29$

## REPEAT OF A GREAT SALE!

## ALLIED Tunable Trunk and Dash Reverb Systems


[] Trunk Mount Solid-State Reverb. Outstandiag value! Adds thrilling "live" sound to your car radio. Variable control adjusts reverb. Reverb unit mounts in trunk; control unit, with pilot light and chrome / walnut finish, mounts under dash. With $6^{\prime \prime}$ speaker (for convertibles); 6x9" adapter-board (for rear deck mitg.); $6 \times 9^{\prime \prime}$ chrome-plated grille. 12 VDC neg. ground. 19 W 4191 R. Shpg. wt., 5 lbs. 55 Monthly.
19.95
(D) Dash Mount Solid-State Reverb. Great sale price! Adds pleasant "concert-hall" reverberation to car radio. Mounts under dash, connects to your radio. Variable control adjusts amount of reverb. Chrome and simulated walnut. $11 / 2 \times 7 \times 51 / 2^{\prime \prime}$. With $6^{\prime \prime}$ speaker (for convertibles); 6x9 $9^{\prime \prime}$ adapter-board (for rear deck mtg.); $6 \times 9^{\prime \prime}$ chrome-plated grille. 12 VDC neg. ground. 19 W 4192 R. Shpg. wt., 5 lbs.
16.95

## Solid-State Dash-Mount FM Tuner plus Rear Speaker Bonus

$$
\begin{aligned}
& \text { - FM/AM Selector Switch Save } \$ \$ 995 \\
& \text { - Ulira Slim Styling } \\
& \text { - No Wiring Necessary } \$ 4.99 \quad \$ 5 \text { monthly }
\end{aligned}
$$

Enjoy all your favorite FM programs in your car. Tuner installs in minutes. Just plug into AM car radio, antenna. Custom-fit adj. brackets. $17 / 8 \times 9 \times 41^{\prime \prime} .6 \times 9^{\prime \prime}$ rear deck speaker, chrome grille. 12 VDC neg. gnd. Japan. 19 W 0013 L2X. Shpg. wt., 7 lbs. \$5 Monthly...... 38.95 16 W 3402 R. Rear Speaker Kit Alone. Wt., $21 / 2$ ibs. .... 4.99



## Solid-State All-Purpose Auto Analyzer . . . Outstanding Sole Price!

Was $\$ 59.95$. Battery-powered all-in-one analyzer makes tune-ups and servicing easier. Has large, easy-to-read $7^{\prime}$ meter. Tachometer reads engine rpm-helps you to set idling speed and automatic transmission shift points. Dwell meter tests points, distributor and spark advance. Ammeter checks generator, alternator, voltage regulator. Ohmmeter covers electrical systems. Scales: Tach, 0-1200, 0-6000 rpm; Dwell angle, $0-60$; Amps, -5 to +90 ; Volts, $0-3,0-16$; Spark Output, 0-30; Resistance, $0-20,000$ ohms; condenser resistance; coil resistance. For 4, 6, 8-cyclinder engines, 6 or 12 V . ignition systems. With batteries. Shpg. wt., 8 lbs.
19 W 4208 RX. 85 Monthly.
49.95

18 W 5079 R. Extra Batteries. (Üses 3.) Shpg. wt., 10 oz................... Pkg. of 4 for 85 \&

## AC-Powered Auto Ignition Timing Light Cut $\$ 3.00$



Was $\$ 12.95$. AC-powered timing light "stops" timing marks on engine flywheel while engine is running. Gives sharp, bright image for accurate ignition timing.
Checks automatic spark advance, detects worn distributor shaft and helps to synchronize double breaker points for maximum engine performance.
Uses Xenon stroboscope tube. U.L. Listed. For $110-120$ V, 60 Hz AC or DC. Shpg. wt., 2 lbs. 19 W 4160 R.
9.95

# You Can Save Up to 25\% on Do-It-Yourself 

Electro-Compressor Air Horns


Save
$\$ 5.00$
Now only
$\$ 14^{95}$
Was $\$ 19.95$. Fiamm air horns offer you a real safety factor on today's high-speed expressways. 9 -inch chrome-plated, spunbrass trumpets have $1 / 2$-mile range to overcome road noise levels. Switch selects Fiamm or regular car horn. Complete with two horns, compressor and all necessary fittings for installation. Operates from 12 VDC. Shpg. wt., 12 lbs.
19 W 4187 X . . .
14.95

## Portable Flworescent Light



Was $\$ 16.95$. Enjoy bright fluorescent light outdoors. Ideal for campers, it operates economically from your car battery. Just plug into your car cigarette lighter. Requires only 1 amp at 12 VDC. With $25-\mathrm{ft}$. cord, re flector, battery jumper set, 8watt fluorescent tube, cigarette lighter adapter and transistorized power converter. Shpg. wt., $31 / 2$ lbs. 19 W 4189 RX . . .
13.95


Was $\$ 9.45$. No car owner should be without this handy vacuum cleaner. Cleans-up campers, boats, planes as well as autos. Lightweight design. Powerful suction is provided by 12,000 rpm motor and specially pitched impeller. Handy nozzle gives easy access to hard-to-get-at places. Dentproof finish. Draws only 4.5 amps. $4 \times 17^{\prime \prime}$. For 12 VDC. Shpg. wt., 2 lbs. 19 W 4257 RX.
8.88


## Capacitive-Discharge Ignition System

Separately, \$49.90. "Mark 10." True electronic system for car or boat. Develops 3 to 4 times more energy, with spark rise-time 10 times faster, for superior combustion. Reduces waste, boosts performance. Up to $20 \%$ better gas mileage; 3 to 10 times longer spark plug life; 60 to 80 per cent less ignition maintenance. Silicon controlled rectifier switching-unaffected by temperature. Takes about 10 minutes to install using standard coil. $8 \times 5 \times 4^{\prime \prime} .12$ VDC negative ground. With FREE manual.
19 W 0030 L 2 X . Shpg. Wt., 3 lbs. $\$ 5$ M onthly
39.95

23 W 7121 E. Glenn's Auto Repair Manual Alone. 5 lbs. . 9.95

## Automotive Test Instruments and Accessories

## New! Auto Side Marker Lights



Update, Customize Pre-1968 Cars

- Two Amber, Two Red
- Quick, Easy To Install


Update your car with new car styling and lighting. Marker lights go on with your car lights to warn drivers approaching from the side. Durable impact resistant, SAE approved plastic lenses and chrome-plated frames. Complete with four marker light assemblies ( 2 red for rear and 2 amber for front), sockets, bulbs, wire, instr. For $12 \mathrm{~V} . \mathrm{Wt}_{\text {., }} 1 / 2 \mathrm{lbs}$.
19 W 4021 ... Set of 4 for 4.95

## Uni-Tach Performance Monitor

Save s/0.00
\$5 monthly
Was $\$ 39.88$. Monitors engine rpm, dwell angle, battery output. Indicates point condition, timing, cranking, charging voltage at the turn of a switch. Tach is useful for carburetor adjustments, setting idle speed; $0-1600,0-6400 \mathrm{rpm}$. Dwell meter for point adjusting. Voltmeter reads $0-16 \mathrm{~V}$. For 4, 6, 8cyl. engines; $6 / 12$ VDC pos., neg. gnd. $61 / 2 \times 33 / 4 \times 2^{\prime \prime}$. 19 W 4015 R. 4 lbs.
29.88


## Judson Electronic-Magneto Ignition

Separately, 849.89. This performance-proven system gives improved ignition for faster starts, even in subzero weather, plus outstanding high-rpm performance. Premium silicon transistor ensures longer spark plug and point life. As with a magneto, voltage increases as engine speed increases. The output wave form is actually the same as that of a magneto. Uses less current than a standard ignition system. Onepiece unit installs easily by simply transferring 2 wires from present ignition coil. For 6 or 12 volt negative ground. With FREE manual.
19 W 0002 L2X. Shpg. wt., $81 / 2$ lbs. $\$ 5$ Monthly. . . . . 39.88

Siren Burglar Alarm


Save $\$ 3.00$

Was \$27.95. Protects your car trunk, doors and hood from burglars by sounding sharp, penetrating police-type siren. Siren operates from car battery when doors, hood or trunk are opened. Continues operation until alarm is turned off with a key. With six switches, mounting brackets, electric lock, hardware and complete instructions. 12 VDC. 19 W 4127 RX. 6 lbs.
24.95

## Test Equipment and Power Inverter Prices Slashed


$\begin{gathered}\text { Tester-Rejuvenator } \\ \text { and Dyna-Probe } \\ \text { Both for Only }\end{gathered} \$ 088 \quad \$ 5$
monthly
Separately, \$114.90

- Check and Rejuvenate Color and B\&W CRT While Tube Is Inside Receiver
- Direct-Read High-Voltoge Up to 30 kV

Perfect pair for servicing color or black-andwhite TV. Order during this combination sale and save \$15.02. Tester checks CRTs for leakage, shorts, opens, emission, gas content. Predicts life, indicates expected picture quality. Handles $\mathrm{Hi} \mathrm{G}_{2}$ and Lo $\mathrm{G}_{2}$ tubes. Tests and rejuvenates $100^{\circ}$ tubes, $19^{\prime \prime}$ and $23^{\prime \prime}$ sizes, color tubes including $90^{\circ}$ and $23^{\prime}$ 23BG22. Handles each color gun separately. Full $41 / 2^{\prime \prime}$ meter. Neon indicator. Leatherette covered. $14 \times 8 \times 4^{3} / 4^{\prime \prime}$. For 117 VAC.
Test Probe has detachable voltmeter for direct-reading up to 30,000 volts (positive) in TV circuits. $16,000 \mathrm{ohms} /$ volt. $50 \mu \mathrm{~A}$ movement. $\pm 3 \%$ accuracy. Insulated housing. With leads and case. Probe, $143 / 4$ " long. Shpg. wt., 19 lbs.
21 W 0002 L2X. 55 Monthly... Both for 99.88 21 W 4490 RX. "465" Alone. 11 lbs. . . . . 89.95 21 W 4168. Dyna-Probe Alone. 2 lbs..... 24.95


Converts 12 VDC to 115-Volt AC

## Cut $s / 2.00$

$\$ 27^{95}$
$\$ 5$ monthly

## Tripp-lite Solid-State DC-to-AC Power Inverter

- Use With Any 12-Volt Car or Boat to Get 110-120-V, House Current
- Maintenance-Free Solid-State Circuir - Replaceable Fuse
- Delivers Up to 150 Watts Continuously or 175 Watts Intermittently Model PV-150. Was $\$ 39.95$. Slashed $\$ 12.00$, during this sale, to our lowest price ever! Brings 110-120-volt house current to any car or boat with a 12 -volt ignition system. Now you can use radios, electric razors, other electrically powered devices right in your car. Delivers up to 150 watts of power, safely and continuously. Can deliver up to 175 watts for a period not exceeding five minutes. Front-panel on-off switch and replaceable fuse. Solid-state circuit for cool operation, freedom from maintenance, compact size. Metal parts painted to fight corrosion. $31 / 2^{\times 5} \times 5^{\prime}$. Shpg. wt., $51 / 2$ lbs.
21 W 4432 R. 55 Monthly
27.95



## RCA Model WR-64B Color Generator

Was $\$ 189.50$. Price cut $\$ 60.50$ on one of the most-wanted color generators on the market. RF oscillator, sync pulses, and audio carrier are crystalcontrolled for accurate colorTV convergence and alignment. Produces 10 different bars of color simultaneously, plus dots and crosshatch pattern. Chroma control for checking color sync lock and AFC. With output cable. 10x $-131 / 2^{\prime \prime} 8^{\prime \prime}$. For $110-120$ V, 60 $\mathrm{Hz}_{2}$ AC. Shpg. wt., 17 'lbs. ${ }_{57} 7$ Monthly 21 W 4191 RU
129.00


## Famous-Name Transistor and Tube Tester

Was $\$ 129.95$. Now priced so low that 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 single reading of tube quality. Spots bad transistors by gain test. Checks nuvistors, novars, compactrons, miniatures, subminiatures, octals, loctals, VRs, cold-cathode types, nore. $41 / 2^{\prime \prime} 200-\mu \mathrm{V}$ meter. $41 / 2 \times 15 \times 12^{2} .117$ VAC. 23 lbs. Offer Ends Aug. 30, 1968. 21 W 4142 RK
99.95

# RCA and G.E. Quality Receiving Tubes Special Sale! <br> Sfock Up Now on These Famous Brand-Name Receiving Tubes . . Save Even More When You Buy in Quantity Lots EXTRA 20\% OFF <br> ON 10 MOST POPULAR TYPES 

| Tube Type | EACH in Quantities of |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1.9 |  | 10-49 |  | 50-UP |  |
|  | Was | Now Only | Was | Now Only | Was | Now Only |
| 1G3GT/1B3GT | \$1.38 | 1.10 | \$1.24 | . 99 | \$1.10 | . 88 |
| 3A3A/382 | 1.60 | 1.28 | 1.44 | 1.15 | 1.28 | 1.02 |
| 6AQ5A | 1.13 | . 90 | 1.01 | . 80 | . 90 | . 72 |
| 6AX4GTB | 1.25 | . 99 | 1.13 | . 90 | 1.00 | . 80 |
| 6BQ7A | 1.88 | 1.50 | 1.69 | 1.35 | 1.50 | 1.20 |
| $6 \mathrm{BZ6}$ | 1.05 | . 84 | . 95 | . 76 | . 84 | . 67 |
| 6CB6A/6CF6 | 1.05 | . 84 | . 95 | . 76 | . 84 | . 67 |
| 6GH8A | 1.60 | 1.28 | 1.44 | 1.15 | 1.28 | 1.02 |
| 6GW6/6DQ6B | 2.10 | 1.68 | 1.89 | 1.51 | 1.68 | 1.34 |
| 6JE6A | 4.25 | 3.40 | 3.82 | 3.05 | 3.40 | 2.72 |

Allied Has America's Largest Stock of RCA and G.E. Tubes . . and Ships Whichever Is in Stock All Tubes Guaranteed* for 24 Months (Pexcept tor brohen twees)

| Tube Type | EACH in Quantition of |  |  | Tube Type | EACH in Quantitlem of |  |  | Tube Type | EACH in Quentities of |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1-9 | 10-49 | 50-UP |  | 1-9 | 10-49 | 60-Up |  | 1 -9 | 10-49 | 60-Up |
| $024$ | 1.43 | 1.28 | 1.14 | 6BN6 | 1.68 | 1.51 | 1.34 | 6J B6A | 2.93 |  |  |
| 1G3GT/1B3GT | 1.10 | . 99 | . 88 | 6BQ5/EL84 | 1.48 | 1.33 | 1.18 | 6JC6A | 2.98 1.98 | 2.68 1.78 | 2.34 1.58 |
| 1V2 | 1.10 | . 99 | . 88 | 6BQ6GTB/6CU6 | 2.05 | 1.85 | 1.64 | 6JE6A | 3.40 | 3.05 | 2.72 |
| 1X2B/1X2A | 1.55 | 1.40 | 1.24 | 6BQ7A | 1.50 | 1.35 | 1.20 | $6 \mathrm{JU8A}$ | 1.75 | 1.58 | 1.72 1.40 |
| 2AV2 | 1.28 | 1.15 | 1.02 | 6BU8 | 1.85 | 1.67 | 1.48 | 6KA8 | 2.25 | 2.03 | 1.40 1.80 |
| $2 \mathrm{CY5}$ | 1.80 | 1.62 | 1.44 | $6 \mathrm{BZ6}$ | . 84 | . 76 | . 67 | 6KZ8 | 1.85 | 1.67 | 1.48 |
| $\begin{aligned} & \text { 3A3A/3B2 } \\ & 3 \mathrm{R} 76 \end{aligned}$ | 1.28 | 1.15 | 1.02 | $6 \mathrm{BZ7}$ | 2.08 | 1.87 | 1.66 | 6L6GC | 2.38 | 2.14 | 1.90 |
| $3 \mathrm{CB6} / 3 \mathrm{CF} 6$ | 1.18 | 1.06 | . 94 | 6CB6A/6CF6 | . 84 | . 76 | . 67 | 6LF8 | 1.93 | 1.73 | 1.54 |
| $3 \mathrm{DG} 4$ | 1.48 2.15 | 1.33 1.94 | 1.18 <br> 1.72 | 6CD6GA | 2.75 | 2.48 | 2.20 | 6S4A | 1.28 | 1.15 | 1.02 |
| 5AQ5 | 1.35 | 1.21 | 1.08 | 6CL8A |  |  |  |  | 1.43 | 1.28 | 1.14 |
| 5CG8 | 1.68 | 1.51 | 1.34 | $6 \mathrm{CM7}$ | 1.95 | 1.76 | 1.56 | 6784 | 1.75 | 1.58 | 1.40 |
| SU4GB | 1.13 | 1.01 | . 90 | $6 \mathrm{CQ8}$ | 1.48 | 1.33 | 1.18 | 6U8A/6KD8 | 1.55 | 1.40 | 1.24 |
| $5 \mathrm{U8}$ | 1.73 | 1.55 | $r .38$ | $6 \mathrm{CU5}$ | 1.75 1.48 | 1.58 | 1.40 | 6V6GTA | 1.35 | 1.21 | 1.08 |
| 5Y3GT | . 98 | . 88 | . 78 | $6 \mathrm{CY5}$ | 1.80 | 1.33 1.62 | 1.18 | 6X4 | . 90 | . 81 | . 72 |
| 6 AF 4 | 2.05 | 1.85 | 1.64 | 6DE4 |  |  |  | 6x8A | 1.58 | 1.42 | 1.26 |
| 6AF4A | 2.05 |  |  |  | 1.60 | 1.44 | 1.28 | 8FQ7/8CG7 | 1.18 | 1.06 | . 94 |
| 6AL5 | . 95 | 1.85 | 1.64 | 6DG6GT | 1.93 | 1.73 | 1.54 | 10 DE 7 | 2.00 | 1.80 | 1.60 |
| 6AM8A | 1.73 | 1.55 | . 76 | 6DR7 | 3.93 | 3.54 | 3.14 | 12AT7/ECC81 | 1.43 | 1.28 | 1.14 |
| 6AN8A | 1.98 | 1.78 | 1.38 | 6DR7 6DT6A | 2.15 1.13 | 1.94 1.04 | 1.72 .90 | 12AU6 $12 \mathrm{AU7A/ECC82}$ | 1.05 | . 95 | . 84 |
| 6AQ5A | . 90 | . 80 | . 72 | 6DW4B | 1.75 |  |  |  | 1.18 | 1.06 | . 94 |
| 6AS5 | 1.48 | 1.33 | 118 |  |  | 1.58 | 1.40 | 12AV6 | . 90 | . 81 | . 72 |
| 6AU4GTA | 1.85 | 1.67 |  | $6 \mathrm{6EA8}$ | 1.65 | 1.49 | 1.32 | 12AX4GTB | 1.35 | 1.21 | 1.08 |
| 6AUSGT | 2.45 | 2.21 | 1.48 | 6EB8 /EF184 | 2.35 | 2.12 | 1.88 | $12 \mathrm{AX7A} / \mathrm{ECC83}$ | 1.25 | 1.13 | 1.00 |
| 6AU6A | 1.05 | . 95 | . 84 | 6EJ7/EF184 | 1.78 2.45 | 1.60 2.21 | 1.42 1.96 | 12A27A | 1.48 | 1.33 | 1.18 |
| 6AU8A | 2.30 | 2.07 | 1.84 | 6EW6 | 1.28 |  |  | $12 \mathrm{B4A}$ | 1.60 | 1.44 | 1.28 |
| 6AV6 | . 88 | . 79 | . 70 | 6FO7/6CG7 | 1.18 | 1.15 | 1.02 | $12 \mathrm{BA6}$ | . 90 | . 81 | . 72 |
| 6AW8A | 1.93 | 1.73 | 1.54 | 6GF7A | 2.43 | 1.06 | . 94 | 12BE6 | 1.18 | 1.06 | . 94 |
| 6AX4GTB | . 99 | . 90 | . 80 | 6GF88 | 1.43 1.28 | 2.18 1.15 | 1.94 | 128H7A | 1.58 | 1.42 | 1.26 |
| 6AY3B | 1.45 | 1.31 | 1.16 | 6GK5 | 2.08 | 1.87 | 1.02 | 12BY7A | 1.60 | 1.44 | 1.28 |
| 6BA6/EF93 | 1.05 | . 95 | . 84 | 6GM6 | 1.48 |  |  |  | 2.13 | 1.91 | 1.70 |
| 6 BC 8 | 1.88 | 1.69 | 1.50 | 6GU7 | 1.70 | 1.53 |  | 17GW6/17DQ6B | 2.13 | 1.91 | 1.70 |
| 6BE6 | 1.28 | 1.15 | 1.02 | 6GY6 | 1.45 |  | 1.36 |  | 1.20 | 1.08 | . 96 |
| 68H6 | 1.48 | 1.33 | 1.18 | 6GW6/6D068 | + 4.75 | 1.31 | 1.16 | 35 W 4 | . 70 | . 63 | . 56 |
| 6BK4B | 3.78 | 3.40 | 3.02 | $6 \mathrm{Hz6}$ ( ${ }^{\text {6 }}$ | 1.50 | 1.51 | 1.34 | 3525GT | 1.20 | 1.08 | . 96 |
| $68 \mathrm{K7B}$ | 1.85 | 1.67 | 1:48 | 6J6A | 1.45 | 1.31 | 1.16 | 501.6GT | 1.18 1.63 | 1.06 1.46 | .94 1.30 |

When Ordering Tubes, Specify Department No. (25 W 28) AND Tube Type. Example: 25 W 28 OZ4. See pages 263 thru 266 of 1968 Catalog 270 for additional tube listings.

# Parts Bargains with FREE Bonus Offer 



Make your own photo-control system with this photo-multiplier power transistor. Ideal for door openers burglar alarms, door chimes, electronic targets, toys, etc. Instructions for various applications. Wt., 4 oz 24 W 9478 R.

Each 1.49

Values in Popular Transistors -Stock Up of These Low Prices

(A) Audio Power Transisfor. Rated 3 amps (9) 30 VDC. Beta, 25 V $I_{\text {cbo }} 3 \mathrm{~mA}$; Gain 35.5 dB . For 6, 12 , $28-\mathrm{V}$. Shpg. wt., 4 oz.
24 W 9633 R. ........Pkg. of 2 for $62 \&$
B IF-RF PNP Transistor. Fab, 10 $\mathrm{MH}_{2}$; BV сво, 25 V ; Ic peak, 400 mA. Shpg. wt., 4 oz .
24 W 9642 R.
Pkg. of 4 for 69 c
C] NPN Transistor. Equal to $2 N 168$ 69, 70. BV CBO 15 V ; $\mathrm{BV}_{\text {CER }}$ 10 V ; I $\mathrm{I}_{0}$ peak, 400 mA . Wt., 4 oz . 24 W 9643 R. .......9kg. of 4 for 69 f

(0)
40-W aH PNP Transistor. Junction type. Rated 15 amps at 30 V . Replaces Delco 501, Bendix 2N173, 2N278. Shpg. wt., 3 oz.
24 W 9634 R.
Each 69:

## Fumous-Name Zener Diode Values 12 for $\$ \$ 98$

One dozen Zener diodes at less than $17 \%$ each. From 250 mA to studmount 1-watt type. 2.7 to 32 volts. Instructions, diagrams. Wt., 4 oz . 24 W 9340 R

Pkg. of 12 for 1.98

## Quality Dise Ceramics



Big opportunity to stock up on quality disc ceramics. $48-\mathrm{pc}$. assortment includes values from 2 pF to 1000 pF at $50-5000$ VDC. All made by well known American manufacturers. All have parallel wire leads. 8 oz .
24 W 9958 R.
Pkg. of 48 for 98


38-Pc. Semiconductor Package $\$ 68$ Save 15\%

Was $\$ 1.98$. Package contains 4 PNP transistors, 4 NPN transistors, 2 power transistors (TO3 case), 4 silicon rectifiers (2 amp), 20 germanium diodes, 4 Zener diodes ( $3 / 4$ watt). 4 oz . Save $15 \%$.
24 W 9477 R.
1.68

FREE!
Plastic Storage Box


## Special Bonus! Plastic Storage Box FREE with

 Purchase from These Two Pages Tofaling Over $\$ 5.00$.Sperify 24 W 9844 G.
24 W 9844. Plastic Box Alone. . 98 \&

## IRC Universal Rectifier

## 2 for $\$^{79}$

Encapsulated. Provides 10-1000 V, 50 A . surge current protection. 2 amp continuous DC output. Ideal for color, B\&W TV; hi-fi; and phonographs. 2 oz . 24 W $9453 \ldots$. . Pkg. of 2 for 1.79

## Switcheraft Lev-R Switch



Non-locking, rated at 3 amps; 300 watts maximum AC, noninductive load. Housed in metal shield with mounting bracket, 7 -ft. leads. SPST. 8 oz.
24 W 9451 .... Pkg. of 2 for 1.29

$\$ 595$

## Integrated Circuit Experiment Kit

For linear applications experiments. Fairchild NJS 716 medium-power audio-amplifier integrated circuit. Gains to 10, 20, 100, 200. 11 transistors, 6 diodes, 18 resistors. Instructions. 24 W 9268.1 oz..... 5.95

## Carbon Resistor Bargains

$1 / 2$ Watt. Pkg. of 150 . For servicemen, experimenters, hobbyists! Two each: $10,12,15,18,22,27,33,39$, $47,56,68,82,100,120,150,180$, $220,270,330,390,470,560,680^{\prime}$ $820,1000,1200,1500,1800,2200,2700$. $3300,3900,4700,5600,6800,8200$, $10 \mathrm{~K}, 12 \mathrm{~K}, 15 \mathrm{~K}, 18 \mathrm{~K}, 22 \mathrm{~K}, 27 \mathrm{~K}$, $33 \mathrm{~K}, 39 \mathrm{~K}, 47 \mathrm{~K}, 56 \mathrm{~K}, 68 \mathrm{~K}, 82 \mathrm{~K}$, $100 \mathrm{~K}, 120 \mathrm{~K}, 150 \mathrm{~K}, 180 \mathrm{~K}, 220 \mathrm{~K}$, 270K, $330 \mathrm{~K}, 390 \mathrm{~K}, 470 \mathrm{~K}, 560 \mathrm{~K}$, $680 \mathrm{~K}, 820 \mathrm{~K} ; 2$ each $1-15$ megs. 10 oz . 24 W' 9377 R. Pkg. of 150.
3.95
$1 / 2$ Watt Pkg. of 100 . Was $\$ 1.98$. Following values, in quantities of from 1 to 7 each: $33,56,82,270,680,820$. $3300,1 \mathrm{~K}, 4.7 \mathrm{~K}, 8.2 \mathrm{~K}, 15 \mathrm{~K}, 18 \mathrm{~K}$, $22 \mathrm{~K}, 27 \mathrm{~K}, 68 \mathrm{~K}, 220 \mathrm{~K}$ ohms; $1,1.5$, $2.7,4.7,22$ megohms. $\pm 10 \%$ Tol erance. Wt., 10 oz . Save $34 \%$ 24 W 9699 R. $\mathbf{P k g}$. of 100.
1.29

## Alpha Solder Package

## $79 \Varangle \begin{aligned} & \text { Packoge Includes } \\ & \text { Resin, Acid-Core }\end{aligned}$

A solder for every use-indispensable for the hobbyist, radio and TV experimenter or serviceman. Both solders are $40 / 60$ tin-lead alloy. 5 - ft . length ea. Resin-core for electronics; non-leaking acid-core. Wt., 4 oz. 24 W 9316

$$
\text { Per Pkg. } 79
$$

## Cooling Fun

$\$ 498$ Extends Tube,
Component Life

Quality-made for long cooling service. 1750 -rpm 4-pole motor circulates air at 105 cubic feet per minute. $5^{\circ}$ fan blade. For $110-120 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$ Shpg. wt., 2 lbs.
24 W 9450
4.98

# Parts Bargains with FREE Bonus Offer 

## 3-Transistor Miniature Amplifier zund $\$ 169$

Use as phono or PA amp. etc. Pushpull $50-\mathrm{mW}$ output; 8 -ohm impedance. Requires 6 -volt battery. $1 \times 43 / 4$ ". 24 W 9536. Wt., 2 oz.
.1 .69
Stranded Copper Hookup Wire


Ten 25-ft. Coils

10 colls 98
Here's a great opportunity to stock up on top-quality hookup wire at a low price. Convenient $25-\mathrm{ft}$. coils. Assorted gauges, insulations, colors -tinned, untinned types.
24 W 9935 R. Wt., 13/4 lbs. Pkg. 10/98\&

## 2-Conductor Phone Jucks

of on For the

Top value. Open-circuit, two conductor phone jacks for standard $1 /$ " phone plugs. Quality-made with plated contacts and terminals. Stock up now! Shpg. wt., 6 oz . 24 W 9227 R

Pkg. of 5 for 98

> Standard $1 / 4^{\prime \prime}$ Phone Plugs
> 4 for $988^{\phi}$

Bargain price for top-quality plugs for headphones, microphones, other applications. Nickel-plated brass, screw terminals. $27 / 8^{\prime \prime}$ long, $1 / 4^{\prime \prime}$ diameter. Shpg. wt., 12 oz .
24 W 9225 R. Red., .Pkg. of 4 for 98 24 W 9226 R. Black. .Pkg. of 4 for 98 \&

## Relay Assertment Borgain

 HE $\operatorname{Hax}^{2}$ a 6Fine assortment of four relays with popular coil voltages and contact ratings. Wide range of electronic applications. Shpg. wt., 8 oz .
24 W 9199 R. ......Pkg. of 4 for 1.69


## Quality Transistor Power Tronsformer

Save $\$ 1.00 \quad \$ 98$
Wos $\$ 2.98$. Many replacement uses. Primary for $115 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$. Two secondaries: 6.3 V at $1 \mathrm{amp} ; 65 \mathrm{~V}$ center-tapped at 400 mA . $3 \times 3 \times 21 / 2^{*}$. 24 W 9966 R. Wt., 4 lbs.

## Assorted Terminol Strips 

Quality bakelite strips with 1 to 6 terminals each. $3 / 8{ }^{*}$ wide. Handy for every serviceman, experimenter, hobbyist. 24 W 9582 R. 12 oz. . 100/98s


Nuts, bolts, screws, eyelets. rivets, clamps, springs, grommets, washers. Wt., $51 / 4 \mathrm{lbs}$. 24 W 9724 R. . . 5 Lbs. for 98 \&

FREE! Plastic Storage Box


Yours Free with Purchase Totaling Over \$5.00Select Any Merchandise From These Iwo Pages. Specify 24 w 9844 G. 24 W 9844. Plastic Box Alone..... 98\&


Ideal for use where modern appearance and dependability are important. DPDT contacts rated 3 amps at 125 volts. Shpg. wt., 4 oz.
24 W 9198 R. . Pkg. of 4 for 1.29


Use in a variety of projects. Primary, $117 / 234$ V. Sec., 475 VCT@ 70 mA ; 6.3 V filament (4) $1.03,1.33,0.6$ amps.

24 W 9406. Wt., $21 / 2$ lbs. . 98

Speakers at Special Low Prices


A 4 -inch Speaker. For radios, extension speakers, tweeter arrays, science projects. 8 ohms. 1watt capacity. From Japan.
24 W 9533 R. Wt., 12 oz.
79\%
B 8 -inch Speaker. Stock up now at
this special low price. Upgrade your radio or TV set; install in extension baffle. Features whizzer cone. $1.47 \mathrm{-oz}$. Alnico $V$ magnet. 8 ohms. 8 -watt capacity. 24 W 9530 R. Wt., $11 / 2 \mathrm{lbs}$.
1.98
 cations. 5 each: $10 \mu \mathrm{~F}$ at 15 WVDC, $15 \mu \mathrm{~F}$ at $16 \mathrm{WVDC}, 20 \mu \mathrm{~F}$ at 20 WVDC, $30 \mu \mathrm{Fat} 6 \mathrm{WVDC}, 50 \mu \mathrm{~F}$ at 3 WVDC, $100 \mu$ F at 3 WVDC, plus 5 each of 2 other popular values. Wt., 8 oz. Save $15 \%$.
24 W 9265 .... . Box of 40 for 3.35


Chassis Kit with Breadboard
Aluminum frame with snap-locks form a chassis that can be expanded, stacked, coupled. Phenolic mtg. board, 1 panel, 4 rails, $2 \times 4 \times 7^{\circ}$. 50 solderless terminals.
24 W 9210 R. Wt., 10 oz .
3.29

## Valuable Computer Board

Over 200 parts plus mounting board. 16 transistors, 80 diodes, 71 resistors, 16 sil-ver-mica capacitors and many other valuable electronic parts. Shpg. wt., 1 lb . 24 W $9054 \ldots . .1 .98$

$\$ 198$


## 8-Transistor AM Pocket Radio

(A) Powerful 8-transistor AM radio gives clear reception. Black, shock-resistant case accented with walnut. $21 / 4^{\prime \prime}$. speaker. Includes 9 -volt battery, vinyl carrying case, earphone with pouch. $41 / 4 \times 25 / 8 \times 13 / 8^{*}$. From Taiwan. 10 W 4110 RS. Wt., 12 oz.

## Solid-State FM-AM Rodio with AFC

B FM-AM radio at a sensational low price! Lightweight, compact. Features AFC for drift-free FM tuning; FM-AM selector switch: telescoping antenna; carrying cord. With earphone, battery. Plastic case, $5 \times 3 \times 18 / 4^{\prime \prime}$. Japan. 10 W 4109 S. Shpg. wt., 1 lb .

## Don't Miss These Big Values <br> 

## 30-Drawer Small-Parts Cubinet

Constructed with rigid heavyduty steel frame, $93 / 4 \times 17 \times 6{ }^{5}$ /r". Thirty "See-thru" non-spill plastic drawers, each $11 / 4 \times 23 / 4 \times 53 / 4$. Save time-have all small parts at your fingertips. Store nuts, bolts, screws, other fasteners and connectors in this handy cabinet. With dividers, labels for each drawer. Convenient carrying handle lets you take cabinet on the job.
24 W 9028 RX. Wt., 9 lbs.. . . 4.94

## Tool-Mate Workshop Tool Caddy

Keeps hand-tools and small parts ready to use and well organized. Has 39 different tool holding slots. Two jumbo storage wells for hammers, Gashlights, other large items. Four dust-free drawers for storing small parts, nails, screws, nuts and bolts. Everything is stored in an upright, easy-to-use, easy-to-find position. Simple to assemble-no tools needed. $11 \frac{1}{2} \times 14 \times 7^{\prime \prime}$.
26 W 2789 X. Wt., 3 lbs.
3.49


Two-color $31 / 2^{\prime \prime}$ scale. $250 \mu \mathrm{~V}$ movement, $\pm 5$ accuracy. 20,000 ohms /volt DC, 10,000 AC. DCV, 0-5-25-125-500-2500; ACV, 0-10-50-250-1000; DC Current, 0-50 $\mu \mathrm{A}, 250 \mathrm{~mA}$; Ohms, 0-60K, 0-6 megs. Batt., leads, case. Japan. 24 W 9318 R. Wt., 2 lbs... . . 7.44


## Famous G.E. Telechron Clock-Timer $\$ 298$

Special Purchose! Controls radios, appliances, etc. Automatic on-off at any pre-selected time up to 12 hours. Manual also. Can sound buzzer 10 min. to 1 hour after "on" cycle begins. 15 -amp rating. $6 \times 47 / 8 \times 25 / 8$ ". For 117 V, 60 Hz AC. Limited Quantity! 24 W 9052. Wt., 2 lbs.
2.98

## Unique Sound-Reproducer



Mow Sily ${ }^{45}$ Save s. 50
Wos $\$ 9.95$. New concept in sound reproduction. Turns entire sur-face-walls, doors, etc.-into sounding board. For PA systems, background music. Connect speaker outputs to reproducer, mount on desired surface. $2 \times 2 \times 2^{\prime \prime}$, 24 W 9224. Wt., 8 oz.
8.45


Wireless remote control system switches 115 VAC TV, hi-fi, lights, fans, lamps on / off up to $30^{\prime}$ away. Ready-to-use, installs in seconds. 860 -W capacity. "Teleswitch", "Telewand", batt.
24 W 9538. Shpg. wt., $11 / 2$ lbs. 15.88

24 W 9243. "Sound-Off" Remote Audio Killer. Silence TV during ads. $11 / 2$ lbs. 15.88

[C] $2 \times 6^{\prime \prime}$ Compression Tweeter Hom. $2000-18,000 \mathrm{~Hz} .1 .4$ oz. magnet, $3 / 4$ " coil, crossover capacitor. Power capacity, 30 watts. 8 ohms. 16 W 3539 R. $13 / 4$ lbs..
(D) $4 \times 10^{\circ}$ Midrange Horn. 600$12,000 \mathrm{~Hz} .30 \mathrm{~W}$. peak. 8 ohms. Flange, $101 / 2^{\times 3} 3^{15} / 6^{\circ}$. Shpg. wt., 3 lbs.
16 W 3540 R
6.29

Low Price on Lutron Electronic Light Dimmer


Take advantage of this special low price and order now! Solid-state dimmer adjusts intensity of light in any room for reading, TV watching, relaxing. Continuously varjable setting. 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. Outstanding value. Shpg. wt., $1 / 2 \mathrm{lb}$.
26 W 2303 R.
5.49

FURY
$\underset{\substack{\text { Great } \\ \text { Valoe }}}{\substack{0} 95}$

## 1/4" Standard Power Drill

Model F-11. Features rugged, heavy-duty universal motor that develops 1200 rpm full-load speed. Jacobs geared chuck and key. Multiple thrust bearings. Switch locks trigger "on" for continuous drilling. $8^{\prime \prime}$ long. 6 -ft. 3-conductor cord and 3 -prong plug. For $110-120 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$. 24 W 9455 . Shpg. wt., 4 lbs.
"Jif" Automatic Lawn Mower Starter
Use with Any $1 / 4^{\prime \prime}, 3 / 2^{\prime \prime}$ or $1 / 2^{N}$ Electric Power Drill Makes gas engine starting quick and easy. Use on most types of gas-powered mowers, snow-mobiles, snowblowers, chain saws, ete. Just remove drive shaft nut and attach "Jiff" starter. Power drill does all the work. 24 W 9454. Shpg. wt., 1 lb.


Save 33\%

## Utah MI-8JC Was \$8.37. Pro-

 vides natural reproduction for amplified musical instru-ments-specially eflective for electric organ and guitar. Gives rich tonal quality and wide response. $10-\mathrm{oz}$. bari-um-ferrite magnet has high flux density. Cone treated for smoother response and longer life. Oversize voice coil absorbs heat of transient peaks. Steel chassis. 8 ohms. 16 W 3516 R. $23 / 4 \mathrm{lbs}$..5.60

## Phone Conference Broadcaster

Gellphir

Was $\$ 298$ Save $\$ 1.00 \$ 8^{98}$
Tiny solid-state transmitter broadcasts phone conversations to FM (88-108 $\mathrm{MHz}_{2}$ ) radio. Connects to phone line*. 24 W 9479. Shpg. wt., 8 oz.
*Limitations in use may be regulated by stale laws.


$$
\text { Save } 5.00 \$ 898
$$

Me line ${ }^{*}$.

## Hi-Fi System Shutoff



Switch automatically shuts off your entire hi-fi system after last record has played. For changers with automatic shutoff.
24 W 9234 R. Wt., 2 lbs.... 4.95

## Rotron Fan


$\$ 485 \begin{gathered}\text { "Whisper" } \\ \text { Fon }\end{gathered}$
Outstanding value-quality-made for long service. Extendscomponent, tube life. Super-quiet, yet delivers 60 cfm of air. Reversible air flow. $411 / \mathrm{s6} \mathrm{sq}$. $\times 11 / 2^{\prime \prime}$ deep. For $110-120 \mathrm{~V}, 60$ Hz AC. Shpg. wt., $11 / 2 \mathrm{lbs}$.
$16^{2}$ W 2031 R. . . 14.85
 Turus light on at dusk, of at dawn. For yards, parks, alleys, etc. Unaffected by temporary flashes of light. Sealed CdS cell. Instant screw-in installation. For par 38 lamp. $150-$ W. cap. U.L. Listed. $11 / 2 \mathrm{lbs}$. 24 W 9452.
6.95

## DC Power Supply



Solid-state zenerregulated power supply provides voltage regulated within $10 \%$ of rated load. Converts 110 VAC to 12 VDC, at up to 2 amps. Can power most auto 4- and 8track stereo tape players. Wt., 1 lb . 21 W 4385..... 12.95


New! Cardioid Dynamic Mike

- Switch for High/Low Impedance
- Mesh Screen Wind, "Pop" Filters

Sphere-top mike eliminates feedback. Ideal for PA, indoors or out. $150-250$ ohms and 50 K impedances. -62 dB at 1000 Hz . Satin-chrome. On-off switch; $20^{\prime}$ cable. Japan. 24 W 9222. Wt., $1 \frac{1}{2}$ lbs..... 14.95

Fused AC-Outlef Boxes
with Cord and Plug

(A) 4 Ouflets. 4 Switches. (Great for the work bench. 15 amps , fused. $10^{\prime}$ cord, plug. $13 \times 2 \frac{1}{4} \times 21 / 4^{\prime \prime}$. 24 W 9343 R. Wt., $21 / 4$ lbs..
[B] Oullets, 1 Switch. Use where more outlets are required. Pilot light indicates current is on. 15 amps, fused. $10^{\prime}$ cord, plug. 24 W 9342 R. Wt., $21 / 4$ lbs...
4.95

(A) Model 250 17-Pc. Color-Pack Outfit

Finest Color-Pack Camera Outfit ever offered. Zeiss-Ikon range/viewfinder corrects for parallax and field size. Four exposure ranges, triplet lens with electric eye and electronic shutter. Automatic operation, even with flash. Automatic time exposures to $10 \mathrm{sec}-$ onds. Tripod socket. Includes: Camera; Case; Flash; Color Film Pack; 12 Flashbulbs; Album for 90 Photos. Wt., $61 / 2$ lbs.
$10^{\circ}$ W 0106 L2S. $\$ 8$ Mmihly . . . . . . . . 154.95
10 W 4824 RS. Camera Alone. 3 lbs...... 129.88 10 W 4859 RS. 583A Close-Up Kit. For 250. Focuses to 9'. Wt., 6 oz... .............. 10.95 10 W 4704 S . 581 A Portrait Kit. For 250. Focuses to $19^{\circ}$. Wt., 6 oz................. 10.95
(B) Model 210 17-Pc. Color-Pack Outfit

Our lowest-priced Color-Pack Outfit. Camera has molded plastic body and shutter housing. Duplet lens. Automatic exposure, even for flash. Non-folding range/viewfinder. Includes: Camera; Case; Flash; Color Film Pack; 12 Flashbulbs; Album for 90 Photos. Wt., 6 lbs.
10 W 0034 L2S. 85 Monthly ........... 69.95
10 W 4830 S . Camera Alone. Wt., 3 lbs. 49.88
[6) Model 230 17-Pc. Color Pack Outfit
Expensive features, moderate price. Camera has triplet lens, folding range/viewfinder, 5capacitor shutter. Automatic exposures up to 10 seconds. Plastic body. Includes: Camera; Case; Flash; Color Film Pack; 12 Flashbulbs; Album for 90 Photos. Wt., 7 lbs.
10 W 0026 L2S. 56 Monthly. .......... 114.95

10 W 4826 S. Camera Alone. Wt., 3 lbs. 88.88 | 10 W 4733 S. ${ }^{581}$ Portrait Kit. For 230. |
| :--- |

Telephote/Wide-Angle Lens Kit for Polaroids
 $\$ 2750$ \$5 monthly

Was $\$ 32.50$. Enjoy your Polaroid even more with this lens outfit. Includes telephoto lens, wideangle lens, combination tele-photo/wide-angle viewfinder and leather case. Telephoto lens gives about 2X magnification. Wideangle lens gives 75\% increase in area covered. Viewfinder clamps on camera. For Models 100, 101, 103, 230, 240, 250 only. Shpg. wt., 2 lbs. 10 W 4957 RS . . . . . . . . . . 27.50 10 W 4708 S. Telephoto Outfit Alone. Wt., I lb. ........... 19.95 10 W 4709 S . Wide-Angle Outfit Alone. Wt., 1 lb. . ........... 19.95

Film and Accessories for Polaroid Cameras
10 W 4928 X . Print Copier. Lets you make color or black-andwhite duplicate prints with your Polaroid. Wt., 1 lb....... 7.95 10 W 4882 S. Carryall Case. Black vinyl. Wt., $11 / 2 \mathrm{lbs} . . .10 .95$ 10 W 4883 RS. Development Timer. Wt., 4 oz................. 6.95 10 W 4884 RS. Self-Timer. Wt., 4 oz. . . . . . . . . . . . . . . . . . . 4.95 10 W 4909 RS. Flash Attachment. For all 100- and 200-Series Cameras. Uses M-3 Bulbs. Wt., $11 / 2$ lbs...................... 6.95 10 W 4903 RS. M-3 Flashbulbs. Wt., 12 oz....... Pkg. of 12/1.59 10 W 4885 RS. Cloud Filter. Increases sky /cloud contrast. (Not for Models 210, 220, Swingers). Wt., 7 oz.................. 4.95 10 W 4886 RS. Cable Release. Wt., 4 oz...................... 1.95 10 W 4879 RS. Type 107 B\&W Film. 8 exp. Wt., 6 oz....... 2.29 10 W 4880 RS. Type 108 Color Film. 8 exp. Wt., 6 oz...... 4.50 10 W 4784 S . Photo Album. Holds up to $9031 / 4 \times 41 / 4$ " photos, in clear picture windows. Walnut grain' cover. 1 lb............ 4.95


Exciting Polaroid "Big Swinger"
Takes Full-Size $3^{1 / 1 / \times 4^{1 / 4}}{ }^{\text {" }}$ Pidtures
Complete 15 -Piece Outfit. Makes full-size $31 / 4 \times 41 / 4$ " black-and-white pictures in just 15 seconds. Viewfinder says "Yes" when exposure is right. Has built-in flash. Takes action shots, closeups and never needs focusing. Loads instantly with Type 107 film pack. Includes: Camera; Camera Case; Pack of Film; 12 Flash-bulbs. Wt., $61 / 2$ lbs. 10 W 0090 L2S. 85 Monthly............. 28.99 10 W 4922 S. Camera Alone. 4 lbs...... . . 22.88 10 W 4918 S. Case Alone. $1 \mathrm{lb} . . . . . . . . . .3 .95$ 10 W 4972 RS. AG-1 Flashbulbs. 12 oz. $12 / 1.29$

# Single-Lens-Reflex Cameras, Photo Accessories 




## Yashica J-7 35mm SLR

Was $\$ 154.95$. Exposure indicated by pushbutton dual-range CdS meter cross-coupled to ASA (12-800) and shutter ( $1 / 1000-1$ second). Fast f/1.7 lens, screw-in mount. Depth-of-field preview, automatic diaphragm. Selftimer. X, FP sync. Accessory shoe. With leather carrying case. From Japan. Shpg. wt.. 5 lbs. 10 W 4993 RS. sy Monthly 139.95 10 W 4905 RS. Above, with faster f/1.4 lens. Save $\$ 15.00$ ! 5 lbs.. ...... 164.95


## Save <br> s/5.00

## Mamiya 528TL Outfit/Telephoto Lens

Separately, $\$ 124.90$. Outfit includes camera, lens, cases for both. Camera has f/2.8 lens, thru-the-lens CdS light meter, automatic exposure control with override. $1 / 500-1 / 15$ second plus "B". M, F, X sync. With case. Japan. 10 W 4783 S. Wt., 4 lbs........ . 109.90 10 W 4869 S. Camera and Case Alone. Shpg. wt., 3 lbs.
94.95

10 W 4851 S . Telephoto Lens. 1 lb .29 .95
10 W 4945 S. Wide Angle Lens. 1 lb. 29.95


## Yashica "System" SLR <br> § $154^{95}$ <br> $\$ 8$ momthy

## TL SLR with Dual Thru-Lens Sensor

Professional-type "system" camera at a moderate price. Has dual CdS sensor in pentaprism for integrated reading at shooting aperture. Just match needle with meter in viewfinder. No exposure compensation necessary regardless of lens or filter used. f/2 lens in screw mount. 1/2-1/500 second and bulb. FP-X flash sync. Self-timer. With leather carrying case. From Japan. Shpg. wt., 3 lbs.
10 W 4782 S. 88 Monthly ..... 154.95

## Compact Vivitar 56 Speedight Battery $/$ Ac Operation $\$ 44^{95}$ $\begin{gathered}\$ 5 \\ \text { monthly }\end{gathered}$

 Electronic flash has Kod. II guide of 56. Recycles in 8-10 seconds. Built-in nickel-cadmium battery; also for 117 VAC. 65 flashes/charge. PC cord, hot shoe mount. W. Germany. 2 lbs. 10 W 4951 S. $\$ 5$ Monthly........ 44.95 Vivitar 35. Above, but Kod. II guide 35; 50 flashes/charge. $13 / 4$ lbs. 10 W 4946 S. 85 Monthly.36.95

$85-210 \mathrm{~mm}$ f/4.8-f/22 Zoom. Focuses from $9^{\prime}$. With leather case. Only $634^{\prime \prime}$ long. Wt., 2 lbs.
10 W 4443 RS. 85 Monthly.......................... 99.95
300 mm f/5.5 Telephoto. 6x magnification. Focuses from 25: Tripod Telephoto. 6x magnification. Focuses from $25^{\prime}$. Tripod socket. Wt., $21 / 2 \mathrm{lbs}$. 10 W 4431 RS. 5.5 Monthiy 44.95 $135 \mathrm{~mm} f / 2.8$ Telephoto. Focuses from $51 / 2^{\prime}$. Wt., 14 oz . 10 W 4995 RS. $\$ 5$ Monthly 34.95 $35 \mathrm{~mm} \mathrm{f} / 2.8$ Wide-Angle. Focuses from 3'. Wt., 9 oz . 10 W 4994 RS. \$is Monthiy
36.95

## Tripods for Still <br> And Movie Cameras

Sunset FO2000. Boasts chan-nel-type 3 -section aluminum legs with reversible rubber and spike feet. Vert. tilt and $360^{\circ}$ pan head with indicator. Extends to $52^{\prime \prime}$ with $14^{\prime \prime}$ lift column. Telescopes to $18^{\circ}$. From Japan. Wt., $41 / 2$ lbs. 10 W 4875 X
Quick-Set 6000 . 3-section telescoping legs. $2134^{\prime \prime}$ to $59^{\circ}$ plus $14^{\circ}$ lift column. Chromeplated elevator column, bright finish on upper legs. 10 W $4876 \times .3$ lbs.
12.95


528 TL ) only. Adapter included, Not for Nikon, Canon. With lens and dust caps. Japan.

Automatic Types. Automatically stop down when you shoot. $35 \mathrm{~mm} f / 2.8$ Wide-Angle. Focuses from $1.8^{\prime}$. Covers $63^{\circ}$. 10 W 4881 S .85 Monthly. Wt., $11 / 2$ lbs.

## Accura Color Enlarger

Model 66. Enlarges 21/4x21/4" negatives, color or black \& white, up to $15 \times 15^{\prime \prime}$. Has $4^{\prime \prime}$ double-condensing system. Filter drawer. 75 mm f $/ 3.5$ lens. Bellows focusing. Adjustable easel. Glassless $21 / 4 x$ 21/4" carrier. Requires 1211 bulb. $21 \times 16 \frac{1}{2} \times 91 /{ }^{\prime \prime} .117$ volts, AC-DC. Japan. Wt. 21 lbs. fo W 4893 X.
44.95

## Accura 35mm Enlarger

Enlarges 35 mm negatives up to $8 \times 10^{\prime \prime}$ on baseboard. Features a double-condenser system and coated $50 \mathrm{~mm} / 7 / 3.5$ lens. Bellows focusing. Glassless carrier. $5 \times 7^{\circ}$ adjustable easel. Requires $\$ 211$ bulb. Size, $151 / 4 \times 131 / 2 \times 8^{\prime \prime}$. For 117 volts, AC-DC. From Japan. Shpg. wt., 11 libs. 10 W 4892 X. .

## Lowrest Price Ever!



## Save s 40.00

 $\operatorname{sgg}^{95}$\$5 monthly

## Viseroy 6:1 Power Zoom Camera

The camera buy of the year. Has $1 / 1.8$ power zoom lens with $6: 1$ ratio; cartridge loading; pistol grip; thru-the-lens CdS meter with manual override, backlight control; battery tester; focusing eyepiece; built-in "A" filter. 12, 18, 32 FPS. Focuses close as $5^{\prime}$. Batteries, carrying strap. Japan.
10 W 4953 S. Wt., 3 lbs. $\$ 5$ Monthly. . . . 99.95 10 W 4932 RS. Super 8 Kodachrome Il Cortridge Film for All Comeras on This Poge. 6 oz. . . . 2.49


## New Yashica Super 40E Camera

Servo-powered exposure system responds instantly to changes in light read by behind-the-lens CdS cell. Spotlight, backlight compensation. $\mathrm{f} / 1.8,9-36 \mathrm{~mm}$ zoom lens focuses to $3.5^{\prime}$. Reflex viewfinder shows $\mathrm{f} / \mathrm{stop}$, lowlight warning. Type A filter. Remote control socket, cont. run lock. 12, 18, 24 FPS, single frame. Batts., strap. Japan. 10 W 4732 S. Wt., 4 lbs. 87 Monthly.. . 134.95

## Super-8 Cameras and Outfits



Viceroy/Ansco Super-8 Zoom Movie Outfit

Viceroy Reflex Zoom Camera with thru-lens CdS meter, f/1.8 3:1 power zoom lens, grip; Ansco 588 Automatic Threading Dual 8 Projectar has zoom lens, fwd./rev./still proj.; Accessory Pkg. with Supar 8 Splicer, Sealed Beam Light, Film Cortridge, 4 "AA" Batteries, $30 \times 40^{\prime \prime}$ tripod screen, 3-400' Reels ond Cons, Movie Guide. Japan. $10 \mathrm{~W} 0031 \mathrm{L2U}$. Shpg. wt., 31 lbs. 89 Monthly
10 W 4738 S. Comerc Alone. With grip, case. $31 / 2 \mathrm{lbs} . . . . . . . . .79 .95$
10 W 4739 U. Projector Alone. Wt., $123 / 4$ lbs.. 89.95

10 W 4740 X . Accessory Kit Alone. Wt., 8 lbs...
10 W 4436 U. $30 \times 40^{\prime \prime}$ Tripod Screen. Wt., $7 / 1 / 2 \mathrm{lbs}$.


Complete Argus Super-8 Zoom Movie Outfit
Save ${ }^{\text {s }} 43.06$
$\$ 544^{95}$
Separately,
$\$ 198.01$

Instant-load Super 8 Comera has $\mathrm{f} / 1.810-30 \mathrm{mpi}$ manual zoom lens, automatic CdS electric eye lens control, pushbutton electric film drive, through-the-lens reflex viewing. Super 8 Projector has sharp color-corrected f/1.5 lens, handy single-lever control for forward, reverse and still projection, $400^{\prime}$ capacity. Also: $400^{\prime}$ takeup reel. 1 Super 8 film cartridge, film splicer, pistol grip, 4 AA Duracell alkaline batteries, light, camera carrying case, $30 \times 40^{\prime \prime}$ tripod screen, $50^{\prime}$ cartoon. Wt., 27 lbs.
10 W 0056 RL3U. 8 Monthly
154.95

## Portable TV. . Save Up to ${ }^{\mathbf{5}} 50.00$



Botfery/AC Portable TV Outfit With Car Cord

## sg995 <br> \$5 monthly

## (A) Sharp 11"-Diag. Solid-State TV

Separately, \$105.90. Our largest screen all-channel solid-state portable. Operates from household AC, bonus. 12 VDC car power cord, or optional rechargeable power pack (below). 70 sq. in. viewing area. Wide-range $41 /{ }^{*}$ oval speaker. Separate UHF and VHF antennas. $131 / 4 \times 131 / 2 \times 111 / 2^{\prime \prime}$. With earphone, battery charger, plus power cord bonus. From Japan. Express. Shpg. wt., $231 / 2 \mathrm{lbs}$. $10 \mathrm{~W} 0049 \mathrm{L2U}$. $\$ 5$ Monthly.
99.95 10 W 4337 RX. Pawer Pack. With rechargeable battery. 7 lbs......... 15.95 18 W 5858 R. Extra Batt. $6 \mathrm{lbs} . .$.

## Symphonic "Minni 3" 3"-Diag. TV

Was $\$ 159.95$. Save over $30 \%$ on this sensational value! Deluxe personal portable TV goes everywhere, weighs $51 / 2$ lbs. with optional rechargeable batteries. Plays from batteries, AC, or car lighter with optional 12-VDC cord below. 4.7 sq. in. viewing area. Solidstate circuit. Separate UHF and VHF antennas. $68 / 4 \times 31 / 2 \times 6^{\circ}$. With earphone, AC ad apter/battery charger. Optional batteriés below. Japan.
10 W 4323 RS. $61 / 2$ lbs..
109.95 10 W 4047 RS. Nine Rechargeable "C" Batteries. Shpg. wt., 2 tbs. 1 lb. . 14.95 10 W 4324 RX. Carry Case....... 9.95 10 W 4043 RS. 12 VDC Cord. 12 oz. 5.95


Limited<br>Quanity<br>$$
\$ 1095 \underset{\text { monthly }}{\$ 6}
$$



Sharp 18"-Diagonal Partable TV
Save
$\$ 10.00$ $\begin{gathered}\text { Our Lowest } \\ \text { Price Ever! }\end{gathered} \$ 9495$
Was $\$ 104.95$. Our lowest price ever for any 18" portable TV. All-channel set boasts the latest circuits. Bonded picture tube cuts glare and reflections. 172 sq. in. viewing area. 16,500 volts picture-brightening power. High-gain frame-grid tubes for good pictures even in fringe areas. Front-mounted controls; $61 / 2^{\prime \prime}$ oval speaker; separate VHF, UHF antennas. High-impact plastic case. $187 / 8 \times 193 / 8 \times 123 / 4^{\prime \prime}$. For 117 V, 60 Hz AC. Japan. Shpg. wt., $38 \frac{1}{2}$ lbs. Express.
10 W 4335 RU. $\$ 5$ Monthly..... 94.95

Sharp 15"-Diagonal Portable TV

## Save Our Lowest <br> $\$ 6.00$ Price Ever!

Was $\$ 89.50$. Extra-fine value at this sale price. Boasts three frame-grid IF amplifier tubes and AGC circuit for outstanding pictures, even in fringe areas. 119 sq. in. viewing area. Speaker delivers clear FM sound. Easy-to-read UHF-VHF channel selector windows. Separate UHF and VHF antennas. High-impact plastic case, $16 \times 16 x$ 111/2". Earphone included. Leather handle. For $110-120 \mathrm{~V}, 60 \mathrm{~Hz}$ AC. Japan. Shpg. wt., $331 / 4$ 'lbs. Shipped Express.
10 W 4274 RU . 85 Monthly. . . . 83.50

## Sharp 12"-Diagonal Partable TV

Earphone
Incleded $\$ 7995 \underset{ }{\$ 5} \begin{gathered}\text { monthly }\end{gathered}$
Sleek, slimline set gives you excellent reception, easy portability-at an exceptionally low price! Deluxe features include: 75 sq . in. viewing area; framegrid IF amplifiers and keyed Automatic Gain Control for excellent reception even in fringe areas. $4 \times 3^{\prime \prime}$ upfront speaker; separate antennastelescoping VHF, loop UHF. 2-tone gray high-impact plastic cabinet with chrome trim. $131 / 2 \times 131 / 2 \times 10^{3} 4^{\prime \prime}$. U.L. Listed. For $110-120 \mathrm{~V}, 60 \mathrm{~Hz} \mathrm{AC}$. From Japan. 231/2 lbs. Exp. 10 W 4226 U. $\$ 5$ Monthly.
79.95


NordMende 5-Band Globetroveler Jr.


FM-AM-LW-VHF Aircraft Battery/AC Portable

Save $\$ 64^{95}$
510.00

Deluxe Portable has $3 \times 5^{\prime \prime}$ Speaker, Tone and Sleep Switches
(A) Save $\$ 14.95$ on Stereo FM-AM Portable

Separately, $\$ 84.90$ in Catalog 270. Take true-to-life stereo with you everywhere. Features two widerange $4^{\prime \prime}$ speakers that separate for maximum stereo realism-fold behind cabinet for carrying. Seventeen transistor circuit provides excellent stereo FM, clear AM. Has stereo indicator light, AFC, tone control, earphone jack for each channel, tuner output. Built-in AM, telescoping FM antennas. $51 / 2 \times 95 / 8 \mathrm{x}$ $37 / 8$ ". With adapter for 117 VAC, four "C" batteries, two earphones. From Japan. 61 bs. 10 W 4118 S. $\$ 5$ Monithly.
18 W 5078 R. Extra " $C^{\prime \prime}$ Batteries. 6 oz
Pkg. 2/33

## B Save $\$ 10.00$ on 5-Band Battery/AC Portable

Was $\$ 69.95$. Quality portable offers exciting listening on five bands: sensitive FM and AM, 108-134 MHz VHF for local aviation, $1.6-4.6 \mathrm{MHz}$ marine band and $148-174 \mathrm{MHz}$ VHF Public Service Band for business and emergency services. Operates on batterics or built-in 117 VAC cord and plug. Diecast front, illuminated color-coded band indicators, dial light, AFC, 4" speaker, built-in AM, telescoping VHF-FM antennas. 9$\} 2 \times 63 \times 3 \times 3 / 4{ }^{"}$. With earphone, strap, four "C" batteries. Japan. 7 lbs. 10 W 4241 S. 85 Monthly.
59.95

18 W 5078 R. Extra " $C^{\prime \prime}$ Batteries. 6 oz.
Pkg. 2/33

## (c) Long-Range Battery/AC Portable AM Radio

Super-sensitive AM portable pulls in even fardistant stations. Operates on batteries or 117 VAC with built-in cord and plug. Powerful ten-transistor circuit boasts tuned RF stage. Three-gang tuning capacitor with smooth vernier tuning. Large $31 / 2^{*}$ speaker for extra-clear reception. Simulated leather case, $7 \times 4 \times 21 / 4$ ". With earphone, four "C" batteries. From Japan. Shpg. wt., $31 / 2$ lbs.
10 W 4286 S
18 W 5078 R. Extra "C" Batteries. 6 oz..... Pkg. $2 / 33 \not{ }^{\prime}$

## [0] Save $\$ 17.00$ on 6-Band Radio with AC Adapter

Separately, 878.90 in Catalog 270. Deluxe full-size 6 -band portable brings you hours of fascinating listening. Covers standard FM and AM, plus $150-$ 400 kHz LW marine and aviation weather, 1.8-4.2 MHz marine band, and int'l SW on 2 bands-3.8-$10.2,9.8-18.2 \mathrm{MHz}$. Vernier tuning, electronic bandspread, $4 \times 6^{\prime \prime}$ speaker, tone control, night-light. 13 transistors. Built-in AM, telescoping FM antennas. $8 \times 12 \times 5$ ". With 6 " $D$ " batteries, carphone and 117 VAC adapter. Japan. Wt. 10 lbs.
10 W 4063 X . 45 Monthly.

## EG Save $\mathbf{\$ 2 0 . 0 0}$ on Deluxe 5-Band Car/Portable

 Radio and Bracket Separately, 8129.90 in Cat. 270. Globetraveler Jr. provides superb performance. Brings you great FM and AM, $230-400 \mathrm{kHz} \mathrm{LW}$. 7.5-20 MHz SW and $5.95-6.25 \mathrm{MHz}$ spread-band SW. AFC, AM bandwidth control, 4 watt output, $5 \times 7^{*}$ speaker, tuning/hattery-test meter. 11 transistors. Operates on 5 " D " batteries (below), 6/12-V car batt. or with 110/220 VAC adapter (below). $33 / 4 \times 111 / 2 \times 8^{\prime \prime}$. With ext. SW ant. adapter, and locking car mounting bracket. W. Germany. 10 W 4525 X . Wt., 12 lbs. $\$ 6$ Monthly.109.90 10 W 4193 RS. AC Adapter. $110 / 220 \mathrm{~V} .11 / 4 \mathrm{lbs} .14 .95$ 18 W 5079 R. "D" Batteries. (Uses 5.) 10 oz.... 4/65

## E Save $\$ 10.00$ on 4-Band Battery/AC Portable

Was $\$ 74.95$. Powerful portable is ideal for pilots and sportsmen. Covers FM, AM, $150-400 \mathrm{kHz}$ LW and $108-140 \mathrm{MHz}$ VHF aircraft band. Eighteentransistor circuit delivers more than one-watt output to $3 \times 5$ " speaker for clear, full sound. Features a sleep switeh that automatically turns off radio in up to 45 minutes. AFC, vernier tuning, tone control, telescoping swivel antenna. Black leatherette case, $101 / 4 \times 61 / 2 \times 31 / 6$ ". With earphone, $4{ }^{\text {" }} \mathrm{C}$ " batteries, AC cord and plug. Japan. Wt., 5 lbs. 10 W 4277 S . Wt., 5 lbs. 85 Monthly
.64 .95 18 W 5078 R. Extra "C" Batteries. 6 oz.

2/33d


Full-size FM-AM portable boasts two built-in speakers for exceptional fidelity and clear sound. Powerful 15 -transistor circuit provides sensitive reception. Operates on batteries or with built-in 115 VAC cord and plug. Features switckable AFC to prevent FM drift, tone switch, extra-wide slide-rule dial. Built-in AM antenna, telescoping FM antenna. Handsome leatherette covered case, $7 \times 11 \times 31 / 2^{\prime \prime}$. With earphone, 4 "C" batteries. From Japan. Shpg. wt., 4 lbs.
10 W 4113 S. 85 Monthly.
29.95

18 W 5078 R. Extra "C" Batteries. Wt., 6 oz........ .Pkg. of $2 / 33$ \&

## FM-AM-SW-Marine Battery/AC Portable

$\$ 34{ }^{95}$
\$5 monthly

- High-Sensitivity 12-Transistor Circuit
- Wide Slide-Rule Dial - Tone Control

Rugged new portable provides excellent reception of standard FM and AM, plus sensitive coverage of the $1.6-4 \mathrm{MHz}$ marine band and $4-12 \mathrm{MHz}$ international shortwave. Operates on batteries or with self-storing AC cord. Features large, easy-toread slide-rule dial with logging scale, tone control, $31 / 2^{\prime \prime}$ dynamic speaker, AFC. 12 transistors. Built-in AM, telescoping FM, SW antennas. Padded black cabinet, $63 / 4 \times 10 \frac{1}{4} \times$ $33^{\prime \prime}$ ". With earphone, $4^{\text {" }} \mathrm{C}$ " batteries. From Japan.
10 W 4126 S. Shpg. wt., 6 lbs. $\$ 5$ Monthly.
34.95

18 W 5078 R. Extra "C"' Batteries. Wt., 6 oz.

Pkg. of $2 / 33$ t

## Portable Radios Featuring VHF Bands



Battery/AC Portable with Two VHF Public Sarvice Bands plus FM-AM

$$
\begin{array}{ll}
\text { Save } & \$ 5995 \\
\text { S10.00 } & \$ 5 \text { montily }
\end{array}
$$

Was $\$ 69.95$. Deluxe VHF-FM-AM portable covers two VHF Public Service Bands plus standard FM and AM. Hear exciting police, emergency and industrial communications on 30-50 $\mathbf{M H z}$ and $152-174 \mathrm{MHz}$. Has slide-rule dial, switchable dial light, and 4" speaker. Plays on batteries or 115 VAC. 18 transistors. Black leatherette case, die-cast front. Carrying strap. $91 / 4 \times 53 / 4 \times 31 / 2$ ". With 4 "C" batteries, earphone Japan. 7 lbs.
10 W 4158 S . $\$ 5 \mathrm{M}$ minhly.
59.95 18 W 5078 R. Extra "C" Batteries. Shpg. wt., 6 oz .

Pkg. of 2 for 33 \&


All-new five-band portable. Hear both VHF public service bands-$30-50 \mathrm{MHz}$ and $146-175 \mathrm{MHz}$ forpolice, fire and industrial radio, standard FM and AM stations and thrilling international shortwave on $6-18 \mathrm{MHz}$.
Pushbutton band indicator light. Telescoping 44" FM-SW-VHF antenna. 18 transistors. Handsome die-cast front, plastic case with leather carrying handle. Operates on 4 " C " batteries or with built-in 120 VAC cord and plug. With batteries, earphone, $10 \times 61 / 2 \times 33 / 4$ ". Japan. 8 lbs.
10 W 4409 S. $\$ 5$ Monthly 54.95
18 W 5078 R. Extra "C" Batteries. Shpg. wt., 6 oz ...Pkg. of $2 / 33$ \%


AM/VHF Aircraft and AM/VHF Public Service Band Portables

$$
\begin{array}{lc}
\$ 295 & \begin{array}{c}
\text { Both Models } \\
\text { Play on Batteries } \\
\text { or Built-In AC }
\end{array} \\
\$ 5 \text { monthly } &
\end{array}
$$

Deluxe 2-band AM/VHF portables tune AM, plus VHF aircraft or VHF Public Service Band. Operate on batteries or built-in 115 VAC. Feature: AFC, $31 / 2^{\prime \prime}$ speaker, telescoping autenna. Black leatherette case, $9 \times 3 \times 51 / 4$ ". With 4 " C " batteries, earphone. From Japan. Shpg. wt., 4 lbs.
10 W 4520 RS. AM/VHF Aircraft Band. Covers $108-135 \mathrm{MHz} .226 .95$ 10 W 4521 RS. AM/VHF Public Service Band. $148-174 \mathrm{MHz}$. . . 26.95 18 W 5078 R. Extra Batts. 6 oz. $2 / 336$

## Lowest-Cost AM/VHF Aircroft or Public Service Band Portables 521 95 <br> Hear Exciting VHF Radio on a Pocket Portable

Pocket-size portables for exciting coverage of VHF aircraft or Public Service Band plus AM. 11 transistors. $61 / 2 \times 38 / 4 \times 11 / 2^{\prime \prime}$. Case, 4 "AA" batts., earphone. AC adapter below. Japan. Shpg. wt., 2 lbs. 10 W 4155 S . AM/VHF PSB Low Bond ( $30-50 \mathrm{MHz}$ ) ........... 21.95 10 W 4156 S. AM/VHF PSB High Band ( $146-174 \mathrm{MHz}$ ) AM.... 21.95 10 W 4157 S. AM/VHF Aircraft Band. ( $108-134 \mathrm{MHz}$ )
21.95

10 W 4053 RS. AC Adapter. 8 oz. 2.95
18 W 5083 R. Extra Batts. 6 oz. $2 / 27 \notin$

## *WHAT YOU CAN EXPECT FROM OUR VHF PORTABLES

30-50 MHz and $148-174 \mathrm{MHz}$ Public Service Bands: Police, fire, CD, other emergency services; plus continuous weathercasts on 162.55 MHz in 17 U.S. cities. $108-135 \mathrm{MHz}$ Aviation Band: planes, airports and navigation stations. Check locally for specific frequencies.

Location Is Important. The closer you are to a highway, airport, harbor, city, or other source of VHF, the more you will hear. Calls are generally of short duration with random elapsed time between calls. Television audio may also be heard in many parts of the U.S.


## 5-Band Portable and \$1 Bonus Package FM/AM/Shortwave/VHF Public Service/VHF Aircraft

Everything you need in a portable for listening enjoyment. Receives FM; AM; 5-12 MHz shortwave; local airports, planes on $108-135 \mathrm{MHz}$; police, public service on $147-175 \mathrm{MHz}$. Slide-rule diall, dial light, tone control, fine tuning, AFC. $3 \times 6^{\prime \prime}$ speaker. Built-in AM, SW antennas, telescoping FMVHF intenna. 15 transistors, 6 diodes. With earphone, 4 batteries, plus bonus: SW antenna for extra-long range including Motorola-type adapter plug; "ABC's of Shortwave Listening"; 8 extra batteries. $73 / 8 \times 10 \frac{1}{2 \times 3}$ " For 4 "C" batteries or 110 VAC. From Japan. Shpg. wt., 13 lbs. 10 W 0096 L 2 X . 85 Monthly
10 W 4362 RX. Radio Alone. Shpg. wt., 9 lbs .

## FM-AM-VHF Car/Portable

## With Mounting Bracket, Lock and $\$ 5095 \underset{\text { monthly }}{\$ 5}$ Key, AC Cord monthly

New play-antwhere 3-band car/portable radio covers A.M, FMI, plus $150-$ 176 VHF Public Service Band for police calls and emergency services. Brings you sensitive, stable performance, pinpoint selectivity, peak 2 -watt output for plenty of volume without distortion. Vernier slide-rule tuning (dial lights when used with car batt.) ; $43 / 8$ $\times 2^{3} 4^{\prime \prime}$ speaker; 3-way power supply. Shock-proof construction, smart styling. Slips in and out of mobile mounting bracket easily. Solid-state, has 12 transistors, 4 diodes, thermisior. Operates on three "C" batteries; 6 or 12 VDC; or 117 VAC. $71 \times 5 \frac{1}{8} \times 2^{\prime \prime}$. With mtg. bracket, AC cord, hatteries, earphone, lock and key. U. L. Listed. Japan. Shpg. w.t., 5 lbs. 10 W 4594 S. \$0 Monthly ... 59.95


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Save more than $18 \%$ off our previous low price. Just suap in a cassette to record anywhere . . . no reel threading, no fumbling. Loads of fun at parties, hoth indoors and out. Tops for dictation, too. Unique combination of 3 -band radio and recorder lets you record broadcasts directly, or "live" events with the microphone. Sound monitor switch lets you listen to radio as you record. Tunes standard FM and AM bands plus Marine band from 1.4 to 4 MHz . Simplified pushbutton controls. Built-in $3 \times 5^{\prime \prime}$ speaker. Record level/battery condition meter. Has auxiliary input and output jacks. Telescoping antenna. Records up to two hours on one Philips-type cassette. Size, $9 \times 111 / 4 \times 31 / 2^{\prime \prime}$. Complete with mike, earphone for private listening, one 60 -minuteC- 60 cussette, batteries. For 117 volts, 60 HzAC or 4 " $D$ " batteries. From Japan. Shpg. wt., $61 / 2 \mathrm{lbs}$.


[^0]:    Rechargeable 12-V Nickel-Cadmium Battery Pack. Wt., 11 oz . 17 W 9768 RS.

