A quality company of LTV Ling Altec, Inc.

# 1970 SPRING CATALOG 

 NEW PRロロUCTS • EONUS OFFERS • TIMELY VALUEE

Prices in Effect Until August 14, 1970

Alliance T-45
Control Unit


BEST FOR COLOR BLACK-AND-WHITE PLUS FM

## Super-value Stereo FM-AM System with Allied ${ }^{\circledR} 325$ Receiver

Separately $\$ 199.85$. A remarkable value by any standard of comparison. Speciallymatched system features Allied's popular 325 solid-state receiver with an array of features found in the finest of components. All semi-conductor circuit provides fullfidelity stereo FM, plus high-quality AM and boasts a full 30 watts of peak music power for plenty of volume without distortion. D'Arsonval signal-strength tuning
meter assures you of pin-point FM and AM tuning. Walnut case. Both Allied 3007 2-way speaker Systems have $8^{\prime \prime}$ woofer with midrange whizer cone plus $31 / 2^{\prime \prime}$ tweeter in acoustically "tuned" walnutveneer enclosures. Cables, hi-fi book. 14 S 0379 D3U. Shpg. wt., 56 lbs .
99.95 Above plus Allied 480 Changer. 70 lbs. 14 S 0380 D5U. Sep. $\$ 164.75$.... 119.95 14 S 5079 U. Receiver Alone. 21 Ibs. . . 89.95


## A System with Garrard 30 and $8^{\prime \prime}$ two-way speaker systems

Separately $\$ 184.85$. Features Allied 325 stereo FM-AM Receiver and walnut case. Garrard 30 4-speed Automatic Turntable with automatic intermix and shutoff. Also two spindles for manual or automatic play, plus ceramic stereo cartridge with diamond stylus. With base. Each Allied 3007 2-way Speaker System has $8^{\prime \prime}$ woofer with midrange whizzer cone plus $31 / 2^{\prime \prime}$ tweeter. Enclosures have walnut veneer finish. With audio cables and hi-fi booklet. Shpg. wt., 70 lbs. 14 S 0029 DSU.................... . . 129.95

## System with Garrard 30 and $10^{\prime \prime}$ three-way speaker systems

Separately, $\$ 234.85$. Spectacular savings! Allied 325 stereo FM-AM Receiver with walnut case. Garrard 30 -speed Automatic Turntable with automatic intermix and shutoff. Two spindles for manual play or automatic play, plus ceramic
 stereo cartridge with diamond stylus.

## $\underset{\substack{\text { Save } \\ \text { s54.90 }}}{ } 129^{95}$

 With base. Each Allied 3017 3-way Speaker System has $10^{\prime \prime}$ woofer, $6^{\prime \prime}$ cone midrange and $31 / 2^{\prime \prime}$ wide dispersion cone tweeter. Enclosures have walnut veneer finish. Cables and hi-fi booklet. 14 S 0200 D5U. Shpg. wt., 80 lbs. . 159.95
# Allied super-power "Colorset 60A" 

 3-in-1 Antenna plus Alliance T-45 Rotator System for movie-clear TV on VHF and UHF, plus strong FMAntenna has 28 half-wave elements for channels 7-13, nine for channels 2-6, plus 20 more for channels 14-83 . . get sharp pictures even in difficult deep-fringe signal areas . . Rotator lets you aim antenna, from inside, to cut ghosts and snow
Separately, $\$ 63.93$. Order now and get this complete 3-piece antenna-and-rotator package for no more than the regular price of the antennat alone! One of our newest and best models, the 60A is three antennas in one: VHF-TV, UHF-TV and FM. No need to buy separate antennas. Rotator zeros-in on any station of your choice for finest possible reception. Package includes Allied "Colorset 60A" super-power Antenna and Alliance T-45 heavyduty Rotator with indoor Control Unit.
Antenna has Frequency-Dependent design with the flat frequency response needed for high-fidelity color pietures. Dual-reflector system sharpens directivity to fight ghosts. Built $300 \%$ stronger than ordinary antemas to resist strong winds and heavy ice loads. Has double-size arrowhead insulators and wrap-around brackets, twin-boom to prevent sagging, and tough triple-thick elements. Gold-corrodized to fight rust and corrosion.
Powerful rotator turns antenna a full $360^{\circ}$, in either direction, at one rpm for pin-point control. You aim antenna from Control Unit at TV. Touch to turn, release to stop ... pictures "come alive" as you tune out ghosts or snow. Compass dial indicates antenna direction. Maintenance-free rotator is moisture-sealed and lubricated for life. U. L. Listed for 110 VAC.
Antenna includes UHF-VHF signal splitter to permit running just one lead-in to set. Control unit has mahogany-like finish. Order mast, 5 -conductor rotator cable and 300 -ohm foam-type lead-in from Allied Catalog 290. Antenna sent by truck or express.


## Cut ${ }^{\text {s }} 0.003995$

## Knight-Kit Portable Auto Analyzer Kit

Model KG-375A. Was 849.95 . Exciting sale-price for this advanced solid-state kit. Can save you hundreds of dollars during the life of your car and help you boost its performance too. Helps you do your own tuneups and many repairs and adjustments. Batteryscales for 0-1200-6000 engine road performance tests. $7^{\prime \prime}$ meter; scales for $0-1200-6000$ engine $\mathrm{rpm} ; 0-3.2-16$ volts. $0-90$ amps;
$0-20,000$ ohms; $0-45^{\circ}-60^{\circ}-90^{\circ} \mathrm{dwell}$ ange leakage. With tuneup, troubleshooting angle; spark output and 90 -amp shunt. For 6 or 12 -volt systems manual. 4 " C " batteries; positive or negative ground. Japan. 4,6 , or 8 cylinder engines, 22 S 3323 X. Shpg ground. Japan.
22 S 3323 X. Shpg. wt., 11 lbs

## Knight-Kit High-Intensity Timing Light Kit

Model KG-371. Was $\$ 19.95$. Excellent value. Outstanding timinglight kit offers advanced design features plus fine performance, ease of handling and durability. Easy to build, but outperforms many factory-assembled lights costing much more. Lets you tune-up auto engines and repair them with effich more. Lets you You accurately check timing by lining-up marks with pointer.
Delivers up to 1250 flashes-per-minute engine). $5 \frac{1}{2}$ feet-long $D \mathrm{D}$ cables attach ( 25 rpm with 4 -cycle With insulated copper hippo-clips, cables directly to car battery. instructions. For 6 or 12 -volt systems. Positive or nepter. Simplified 22 S $3312 \times$. From Japan. Shpg. wt., Positive or negative ground.


## Gut $\$ 50.00$

## Allied ${ }^{\text {® }}$ 195-watt silicon solid-state Stereo FM-AM Receiver has FET front-end and integrated circuits for finest sound

Model 395. Was \$299.95. At this special sale price this is the finest receiver your money can buy! Our best and most powerful receiver ". . offers features and performance that are distinctly better than average.$"$ according to expert reviewers at High Fidelity Magazine (February, 1969 issue). Field-effecttransistor front-end and integrated-circuit IF strip provide unprecedented sensitivity and selectivity for finest FM reception. Has an excellent AM circuit too. Automatic frequency control, automatic stereo/mono FM switching, between-station quieting on FM and stereo indicator light make FM tuning a breeze! Signal-strength meter simplifies both FM and AM tuning.
Prearnp has loudness, 2-position phono and 4-position mode/tape monitor switches; tape head input equalized for $71 / 2$ and $33 / 4 \mathrm{ips}$; dual-concentric bass and treble; scratch and rumble filters. 5-position AC power/speaker selector switch and headphone jack. Power at 4 ohms: 195 watts $\pm 1 \mathrm{~dB}, 160$ watts IHF, 110 watts rms. Response: $\pm 1.5 \mathrm{~dB}, 15-100,000 \mathrm{~Hz}$. Distortion: $1 \%$. Hum and Noise: -80 dB . FM Sensitivity: $1.4 \mu \mathrm{~V}$. S/N Ratio: 69 dB . Stereo FM Separation: over 35 dB . With metal case. Wood case below. $51 / 2 \times 16 \times 133 /{ }^{\prime \prime}$. AC. 14 S 5074 U. From Japan. Shpg. wt., 30 lbs.
s. .... . . . . . . . . . . . . . . . . . . . . 249.95 14 S 5003 X. Walnut Wood Case. Shpg. wt., 6 lbs...
19.95

## Our best Receiver!

Now only

# $249^{95}$ 

\$13 monthly*

## Our best Receiver with 12"

 Speakers and Garrard SI72BSeparately, $\$ 16.80$. Superior system features Allied's 195-watt silicon solidstate Stereo FM-AM Receiver with metal case. Optional walnut wood case listed above.
Garrard SL72B 3-speed Automatic Turntable features constant-speed Synchro-Lab motor, Auto-Rise record safety platforin, viscous-damped cuing control, precision antiskating and stylus pressure gauges. With Base. Pickering V-15/ATE-3 Cartridge has $.0004 \times .0009^{\prime \prime}$ elliptical diamond stylus. Each Argos XL-500 three-way Speaker System has a big $12^{\prime}$ high-compliance Jensen woofer for powerful Bass. Efficient $8^{\circ}$ coue speaker delivers clean, clear midrange sound. Hornloaded compression-driven tweeter disperses brilliant, sparkling treble. Solid 3/4 wood enclosure has handsome walnut veneer finish and stylish matching grille cloth. With all connecting cables and hi-fi booklet. 14 S 0384 D5U. Wt., 112 lbs.... 399.95



## System has Garrard SL55B plus 12" speakers

Separately, \$529.95. Splendid stereo at system savings. Allied 395 Stereo FM-AM Receiver, our best model, has 195 -watt output. Controls, inputs and outputs for every music source. Tape recorder and monitor facilities. Metal case; ontional wood case below. Garrard SL55B 4-speed Automatic Turntable with Base. Has adjustable counterweight, cuing and pause controls. Shure M44E Stereo Cartridge with elliptical diamond stylus. Allied 3030B 3-way $12^{*}$ Speaker Systems. $12^{\prime \prime}$ woofer, $6^{*}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Walnut finish. With cables and hi-fi booklet.
14 S 0420 D5Z. Shpg. wt., 103 ths.
369.95

14 S 5003 X. Walnut Case. Wt., 6 lbs.
19.95


## System has Garrard SL75B, 12" speakers

Separately, $\$ 620.80$. Enjoy brilliant stereo performance at big savings. Allied 395 Stereo FM-AM Receiver delivers tremendous 195-watt.s power for magnificent steren. Boasts sensitive FET front-end, 4 ICs in IF stage for outstanding reception. Metal case; optional wood case at left. Garrard SL75B 3 -speed Automatic Turntable with Base. Pickup arm has adjustable counterweight, stylus pressure gauge, antiskating control. Empire deluxe Stereo Cartridge with elliptical diamond stylus. Two Allied 2330A 3-way 12" Speaker Systems. $12^{\prime \prime}$ cloth-roll woofer, $8^{\prime \prime}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Walnut. With cables, hi-fi booklet.
14 S 0422 D5Z. Shpg. wt., 116 lbs.
429.95

## 195-watt Stereo FM-AM-Phono Systems



## Save ${ }^{\mathbf{s} 205.85} \mathbf{4 7 9 5}$

## With Garrard SL95B and Goodmans speakers

Semarately, $\$ 685.80$. Connoisseur-quality at tremendous savings! Features the widely praised Aliied 395 Receiver with FETs and ICs for outstanding performance. Delivers 195 watts for stunning stereo. Full array of controls, plus inputs and outputs for every music soyrce. Metal case; optional wood case above. Garrard SL95B 3 -speed Automatic Turntable has Synehro-Lab motor, Auto-Rise platform, cuing, antiskate and stylus force gauges. With Base. Shure M91E Stereo Cartridge with elliptical diamond stylus. Two Goodmans G-20 3 -way Speaker Systems. $1^{\prime \prime}$ woofer, $6^{\prime \prime}$ midrange, $3^{1 / 2^{\prime \prime}}$ tweeter. Walnut. Cables, book.
14 S 0416 D5Z. Shpg. wt., 132 lbs..
479.95


## "Total" System with Allied 3-head Tape Deck

Separately, s87ö.in. An audiophile's dream . now offered at huge savings! Allied 395 Receiver boasts FETs, ICs and a full array of inputs, outputs, and controls. 195watts of stunning musical power. Metal case; optional wood case above. Garrard SL95B 3-speed Automatic Turntable has cuing, antiskate and stylus force controls. With Base. Empire 888VE Stereo Cartridge with elliptical diamond stylus. Two Goodmans G-20 Speaker Systems. $12^{\prime \prime}$ woofer, $6^{\prime \prime}$ midrange, $3^{1 / 2^{\prime \prime}}$ tweeter. Walnut finish. Allied TD-1095 Stereo Tape Deck has silicon transistors, level meters, 3 heads for special effects, monitor switeh. Cables, hi-fi book 14 S 0415 D6Z. Shpe. wt., 157 Itss.
599.95


## Allied 40-watt System with Goodmans 12" speakers

Separately, $\$ 510.80$. Perfectly matched component system at special savings. Features the Allied 33940 -watt Stereo FM-AM Receiver. All-silicon solidstate circuit with FET front-end for exceptional FM. Full array of controls and inputs for almost every program scurce. Metal case; optional wood case below. SL75B Automatic Turntable, one of Garrard's best models. Syo-
chro-Lab motor for perfect speed accuracy. Cuing control, antiskate and stylus force adjustments. With Base. Empire deluxe Stereo Cartridge with elliptical diamond stylus. Goodmans G-20 3-way Speaker Systems each have $12^{*}$ woofer, $6^{*}$ midrange. $31 / 2^{\prime \prime}$ tweeter. Walnut. Cables, book 14 S 0421 D5Z. Wt., 128 lbs. .... 349.95 14 S 5003 X . Wolnut Cose. 6 lbs. 19.95


## System with Argos 12" speckers

Separately, $\$ 454.80$. Specially selected for superior quality at savings. Allied 339 solid-state Stereo FM-AM Receiver delivers 40 watts of music power. Metal case; optional wood case above. Garrard SL65B 4-speed Automatic Turntable has Syn-chro-Lab motor, damped cuing, antiskate and stylus force gauges. With Base. Shure M93E Stereo Cartridge with elliptical diamond stylus. Argos XL-500 Speaker Systems have 12" Jensen woofer, $8^{\prime}$ midrange, horn tweeter. With cables and hi-fi booklet.
14 S 0393 D5Z. Wt., 107 lbs.
299.95

## System with Allied $10^{\prime \prime}$ speakers

Scparately, 8349.35. Moderately priced system with many deluxe extras. Allied 339 Stereo FM-AM Receiver develops 40 watts. Has integrated circuits, FET front-end for excellent performance. Full array of controls, plus luxury styling. Metal case; optional wood case above. Garrard SL55B 4-speed Automatic Turntable has bulanced pickup arm, adjustable

## Save 90995 \$154.85 <y

 counterweight. Base, Shure M44E Cartridge with elliptical diamond stylus. Allied 3017 Walnut Speaker Systems have $10^{\circ}$ woofer, $6^{\circ}$ midrange, $31 / 2^{\prime \prime}$ tweeter. Cables.14 S 0414 D5U. Wt., 87 lbs......... . 239.95

## Save \$160.85 $349^{95}$


$\substack{\text { Sune } \\ \text { vication }} 239^{95}$

# CLOSEOUT PRICED Allied 40-watt Stereo FM-AM Receiver .. quantity is limited, so order now! 



## Don't delay! Last chance to buy this extremely popular receiver featuring full controls for great stereo


Has controls, input's
and outputs for every
music program source


#### Abstract

Model 333. Order now while supply lasts. Delivers crisp, clean 40-watt power for superb stereo realism. Full-feature preamp has controls, inputs and outputs for every music program source. Deluxe FM tuner circuit has switchable AFC and time-switching multiplex for perfect mono and stereo FM reception. Wide slide-rule dial and velvet-smooth flywheel tuning assure precise, effortless FM and AM tuning. Magic Eye indicator accurately shows the strongest signal for the FM or AM station you want to receive. Stereo indicator light indicates stereo FM reception. Preamp features ganged bass and treble controls, six-position program selector switch, dual-concentric volume/balance control, mono/stereo mode switch, loudness contour and tape monitor for use with three-head tape machines. Also has separate AC power switch and speakers on/off switch. Stereo headphone jack. Handsome Sierra Gold extruded aluminum front panel. Built-in ferrite AM antenna. With metal case. Optional walnut wood case below. Deluxe 13 -tube circuit. $53 / 8 \times 155^{13} / 6_{6} \times 139 / 16^{\prime \prime}$. AC. Japan. 14 S 5073 U. Shipg. wt., 28 lbs. 99.95 14 S 5008 X. Oiled Walnut Wood Case. Shpg. wt., 5 lbs................. 14.95


## SPECIFICATIONS

FM CIRCUIT: IHF Sensitivity: $3.0 \mu \mathrm{~V}$. Image Rejection: better than 30 dB . Separation:- 30 dB . AM CIRCUIT: Image Rejection: better than 40 dB . AMPLIFIER CIRCUIT: Poneer: 40 watts $\pm 1 \mathrm{~dB} ; 32$ watts IHF; 12 watts per channel rms. Frequency Response: $\pm 2 \mathrm{~dB}, 20-30,000 \mathrm{~Hz}$. Harmonic Distortion: less than $1 \%$ at rated power output. Hum and Noise: -55 dB , mag. phono; -70 dB , aux. In muts: magnetic phono, ceramic pbono or low-level aux., high-level aux. or recorder. Outputs: 8 and 16 ohms, stereo headphones, tape recording. Overall: 13 tubes, 2 silicon rectifiers, 8 diodes.

# Allied Home Music Center.. Stereo Components 

## Allied Music Center for total home stereo entertainment with your choice of speakers

Music Center with Omnidirectional Speakers. Separately, $\$ 419.85$. Save $\$ 119.90$ and enjoy records, cassettes, FM and AM on this handsome walnut-finished solid-state stereo music center. 4-speed automatic turntable has antiskate, stylus pressure and cuing controls. With diamond-stylus magnetic stereo cartridge and dust cover. Cassette deck plays and records all standard cassettes, has pop-up loading, index counter.
Field-effect-transistor front-end, inte-grated-circuit IF strip and switchable AlC for fine FM. Signal-strength meter, stereo indicator light. Headphone jack plus controls for all music sources. Output at 4 ohms: 55 watts $\pm 1 \mathrm{~dB}, 45$ watts IHF, 17.6 watts rms per channel. Response: $\pm 1 \mathrm{~dB}, 20-30,000 \mathrm{~Hz}$. Omnidirectional speaker systems have full $360^{\circ}$ dispersion $8^{\prime \prime}$ cloth-roll suspension woofer plus highefficency $3^{\prime \prime}$ tweeter. Order mikes from Cat. 290, pp. 213-18. Center, $83 / 4 \times 263 / 4 \mathrm{x}$ $141 / 4^{\prime \prime}$. Speakers, $93 / 4 \times 93^{3} \times 141 / 4^{\prime \prime} \mathrm{h}$. AC. Center from Japan. 14 S 0418 D3Z. Wt., 66 lbs......... 299.95 Music Center with Argos XL-500 Threeway Speaker Systems. Separately, $\$ 479.8 \overline{5}$. Save \$129.90. $12^{\prime \prime}$ woofer, $8^{\prime \prime}$ midrange, tweeter. $143 / 4 \times 25 \times 9^{\prime \prime}$.
14 S 0417 D3Z. Wt., $100 \mathrm{lbs} . . . . . . .349 .95$
$20 \$ 7080 \times 360^{\circ}$ Omnidirectional Speaker System Alone. $35-18.500 \mathrm{~Hz} .24$ watts peak. 8 ohms. Walnut. Wt., 15 lbs. . Each 59.95



Allied Music Center with deluxe Argos 3-way 12" speaker systems


Allied Music Center with $360^{\circ}$ omnidirectional speakers
$\underset{\text { s } 119.90}{ } \mathbf{2 9 9}^{95}$
$\$ 15$ monthly*
monthly*


Shown in wood case Shown in wood cose

$\$ 5$ monthly*

Lowest Prices Ever!

$\$ 5$ monthly*

## Allied super-value 40-watt Stereo Amplifier


#### Abstract

Model 935. Here's stereo for the tightest budget! Timeproven 7 -tube, 4 -diode circuit offers outstanding performance. Rotary switches control AC power, speaker systems on /off; volune, input selector, bass and treble. Rocker switches control loudness compensation, tape monitor and mono/stereo mode. Has stereo headphone jack. Output at 4 ohms: 40 watts $\pm 1 \mathrm{~dB}, 32$ watts IHF, 24 watts rms. Response: $\pm 2 \mathrm{~dB}, 20-30,000 \mathrm{~Hz} .43 / 4 \times 133 / 4 \times 93^{\prime \prime}$. With metal case. Takes optional case below. AC. Japan. 14 S 5525 U. Shpg. wt., 22 lbs.. 14 S 5005 X . Walnut Wood Case. Wt., 5 lbs 59.00


Model 285. For budget-conscious audio fans! Even our lowest priced tuner has time-switching multiplex, three IF stages and wideband ratio detector for excellent FM; clear AM too. Signal-strength meter and stereo indicator light simplify tuning. Has flywheel-weighted tuning knob, selector switch and AC power switch. Has tape and preamp outputs. Dependable 8 -tube circuit. Ideal mate for the 935 at left. Size, $43 / 4 \times 133 / 4 \times 93 / 4$. With metal case. Takes optional case below. AC. Japan.
14 S 5526 U. Shpg. wt., 20 lbs.
69.00

14 S 5005 X . Walnut Wood Case. Wt., 5 libs.
12.95


## GARRARD

 TURNTABLE PACKAGES Save up to \$54.95
## HERE'S WHAT YOU GET



3-speed Automatic Turntable


Handsome Turntable Base


Molded Styrene Dust Cover


Elliptical stylus Stereo Cartridge

# © Tep-of-the-line Garrard Automatic Turntable Package 

Garrard SL958 Turntable . . . . . $\$ 129.50$
B-2P "Power-Matic" Base . . . . . 15.95
D- 2 Molded Plastic Dust Cover. 6.50 Empire 888VE EllipticalStylus Stereo Cartridge. . . . . 59.95 $\begin{array}{lr}\text { SEPARATEIY } & \mathbf{\$ 2 1 1 . 9 0} \\ \text { Outht Price } & \mathbf{1 5 6 . 9 5} \\ \text { YOU SAVE } & \$ 54.95\end{array}$

5L95B. Boasts Synchro-Lab motor for perfect $331 / 3,45$ and 78 rpm speeds. Pickup arm has adjustable counterweight, antiskate control and stylus force dial. Viscous-damped cuing control. Auto-lisee record platform and rotating center spindle protect your records. $1513 / 16 \times 145 / 8^{\prime \prime}$. Requires $43^{3} 8^{\circ}$ above, $3^{\circ}$ below mounting board. With deluxe Power-Matic base, dust cover and Empire 888 VE stereo cartridge. AC. England.
13 S 0228 D3U. Wt., 26 lbs.... 156.95

## Beluxe quality Garrard

 Automatic Turntable Package
## Garrard SL75B Turntable . . . . . $\$ 109.50$ <br> B-2 Molded Plastic Base . . . . . 6.50 <br> D-2 Molded Plastic Dust Cover. $\quad 6.50$ Shure M91E Elliptical- <br> Stylus Stereo Cartridge... <br> 49.95 <br> $\begin{array}{ll}\text { SEPARATELY } & \$ 172.45 \\ \text { Outfl Price } & \mathbf{1 2 7 . 5 0} \\ \text { YOU SAVE } & \$ 44.95\end{array}$

SL758. Features exelusive Synchro-Lab motor for perfect speed accuracy. Has twin-braced low-mass pickui arm with adjustable counterweight and stylus force gauge. Auto-Rise@ record platform. Plays up to six records manually or automatically at $331 / 3,45$ or 78 rpm . $161 / 16 \times 14^{9} / 16^{\prime \prime}$. Requires $43 / 8^{\prime \prime}$ above, 3 ; below mounting board. With base. dust cover and Shure M91E elliptical diamond-stylus stereo cartridge. AC. England. 13 S 0028 D3U. Wt., 26 Its.
127.50

## c. Automatic Turntable Package

 with Garrard's newest model
## Garrard SL72B Turntable..... . \$ 89.50

B-2 Molded Plastic Base. ...... 6.50
D-2 Molded Plastic Dust Cover . 6.50 Pickering V15/ATE-3 Elliptical Stylus Stereo Cortridge. . .

| SEPARATELY | $\underline{\$ 142.45}$ |
| :--- | :--- |
| OUAR Price |  |
| YOU SAVE | $\mathbf{\$ 3 9 . 9 4}$ |

SL72B. Syncliro-Lab motor assures accurate $331 / 3,45$ or 78 rpm speeds. Boasts low-mass tubular aluminum pickup arm with adjustable counterweight, anti-skating control and stylus pressure gauge. Auto-Rises platform. Plays up to six records manually or automatically. $1518 / 16 \times 145 / 8^{\circ}$. Requires $48 / 8^{\prime \prime}$ above, $3^{\prime \prime}$ below mounting board. With base, dust cover and Pickering V15/ATE-3 elliptical diamond-stylus stereo cartridge. AC. England. 13 S 0063 D3U. Wt., 24 lbs.
102.51

> Popular Garrard SL55B Automatic Turntable Package

## Save ${ }^{5} 34.95$ <br> 755 <br> \$5 <br> monthly*



Separately, 1110.45 . Includes: Garrard SL55B Turntable, Base, Dust Cover and Empire 888E Elliptical-stylus Stereo Cartridge (Reg. \$39.95). Synchro-Lab motor plays at $162 / 3,331 / 3,45$ and 78 rpm speeds. Manual or sutomatic operation. Automatic intermix, shutoff. $147 / 8 \times 123 / 4^{\prime}$. AC.
13 S 0227 D3U. SLS5B Package. England. Shpg. wt., 21 libs............... 75.50
13 S 3117 U. SL558 4-Speed Automatic Turntable Alone. 11 lbs............ . 59.50
13 S 3122 X. B-1 Molded Plastic Pin-Seal Base Alane. 5 lbs................. . . . 5.50
13 S 3290 X. D. 1 Molded Styrene Plastic Dust Cover Alone. 5 Ibs. . ........... . . 5.50

## Low-cost Garrard 40-B Automatic Turntable Package

## Save ${ }^{2} 4.94$ <br> 555 <br> \$5 <br> monthly*



Separatcly. 580.45 . Includes: Garrard 40B Turntable, Base, Dust Cover and Empire 80EE Elliptical-stylus Stereo Cartridge (Keg. \$24.95). 4-pole motor plays at $16 \frac{2}{3}, 331 / 3,45$ and 78 rpm speeds. Manual or automatic operation. Stylus force gauge, damped cuing. 137/8×12*. England. AC. 1350049 D 3 U. $40 B$ Packoge. Shpg. wt., 20 lbs . $\qquad$
13 S 3120 U .40 B 4 -Speed Automatic Turntable Alone. $10 \mathrm{lbs} . . . . .$.
13 S 3122 X. B-I Molded Plastic Pin-Seal Base. 5 Ibs......................... . . . 5.50
1353290 X. D-1 Molded Styrene Plastic Dust Cover. 5 Ibs.......................... . . 5.50


Model X-11. Budget-priced automatic turntable gives you traditional Garrard quality in a very compact package! Only $12 \times 81 / 2 \mathbf{x}^{\prime \prime}$. Fits perfectly even on a bookshelf! Automatic or manual operation at $16 \frac{2}{3}, 331 / 3,45$ or 78 rpm . Automatic intermix of up to six $10^{\circ}$ and $12^{\prime \prime}$ records. Balanced tubular aluminum pickup arm protects sensitive stylus and your valuable records. Automatic shutoff. With premounted ebony pin-seal base, ceramic stereo cartridge, diamond flip-over stylus, dust cover, 2 spindles. AC. 13 S 3109 X. England. Shpg. wit., 10 lbs.
39.95

## Famous Fisher Receivers now at low prices

Price slashed on 150-watt Stereo FM Receiver
Cut $\$ 50$

(A)


110-watt Stereo FM-AM Receiver has FET front-end 27995
(B)

120-wath Stereo FM-AM Receiver has Tune-O-Matic

## 39095



## 5


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$\circ$ if

180-watt Stereo FM-AM Receiver has Autoscan tuning 30095

Connoisseur's choice! 200-wath Stereo FM-AM Receiver has automatic and preset tuning



## Special closeout af big savings on 150-watt Stereo FM Receiver

Model 700T. Was \$349.50. Deluxe receiver at big savings. Sensitive FM circuit has field-effect-transistors to pull in even distant stations with amazing clarity. Has between-station quieting, loudness compensation, hi/low filters, tape monitor controls. Multi-speaker switch. Power Output at 4 ohms: 150 watts $\pm 1 \mathrm{~dB}$, 120 watts IHF, 50 watts rms per channel. Response: $\pm 1 \mathrm{~dB}, 20-25,000 \mathrm{~Hz}$. Sensitivity: $1.8 \mu \mathrm{~V} .5 \frac{1}{8} \times 163 / 4 \mathrm{x}$ $117 / 8^{\prime \prime}$. Takes optional walnut case below. AC. 13 S 2648 U. Shpg. wt., 24 lhs.
299.50 13 S 2633 X . Oiled Walnut Wood Case. 9 lbs.
22.45

## B 110-watt Stereo FM-AM Receiver has ultra-stable silicon transistor circuit

Model 210.T. Remarkable value on this advanced-design receiver. Has FET front-end and integrated circuit IF strip for superior performance and reliability. AM section has wide-band design for extra selectivity. Has loudness contour, tape monitor, stereo headphone jack, stereo indicator light, main/remote speaker switch. Takes optional walnut case below. Output at 8 ohms: 110 watts $\pm 1 \mathrm{~dB}, 90$ watts IHF, 33 watts rms per channel. Response: $\pm 2 \mathrm{~dB}, 35-15,000 \mathrm{~Hz}$. Sensitivity: $2 \mu \mathrm{~V} .45 / 8 \times 151 / 2 \times 123 / 4^{\circ}$. AC.
1352650 U . Shpg. wt., 18 lbs.
279.95

13 S 2536 X . Walnut Vinyl Wood Case. 8 ibs.
19.95

## © 120-watt Stereo FM-AM Receiver with "Tune-O-Matic" pushbuttons

Model 250-7X. Offers a full range of features and enough power to drive main and remote speakers simultaneously. Fisher "Tune-O-Matic" pushbutton FM tuning lets you instantly select any one of five preset stations. Also has large slide-rule dial for manual tuning. FETs plus integrated circuits provide fine FM reception. Wideband AM circuit. Tape nonitor, main/remote speaker switches. Output at 8 ohms: 120 watts $\pm 1 \mathrm{~dB}, 96$ watts IHF, 35 watts rms per channel. $20-25,000$ Hz. Sensitivity: $2.0 \mu \mathrm{~V}, 45 / 8 \times 151 / 2 \times 12^{3} / 4^{\prime \prime}$. Case below. AC. 13 S 2279 U . Shpg. wt., 20 libs.
329.95 13 S 2536 X. Walnut Vinyl Wood Case. 8 lhs. 19.95

## [0] 180-watt Stereo FM-AM Receiver has AutoScan electronic FM tuning

Model 450-T. Magnificent receiver has FET front-end and integrated circuit IF that assure finest stereo FM. Superb AM, too. AutoScan electronically sweeps the dial for new ease and accuracy of FM tuning. Betweenstation quieting. Two sets of recording outputs, tape monitor, main/remote speaker switches, stereo headphone jack. Power Output at 8 ohms: 180 watts $\pm 1 \mathrm{~dB}$, 130 watts IHF, 55 watts rms per channel. Response, $\pm 2 \mathrm{~dB}, 20-25,000 \mathrm{~Hz}$. Sensitivity, $2.0 \mu \mathrm{~V} .5^{\frac{1}{4}} \times 15 \frac{1}{2} \mathrm{x}$ $141 / 2^{*}$. Takes case below. AC
13 S 2660 U. Shpg, wt., 25 lbs.
399.95

13 S 2536 X. Walnut Vinyl Wood Case. 8 liss.
19.95

## E Fisher's finest Stereo FM-AM Receiver has 200 -watt power plus AutoScan tuning

## Model 500-TX. Features three methods of FM tuning-

 electronic AutoScan, preset Tune-O-Matice and sinooth flywheel manual tuning. Dual-gate MOSFETs (Metal-oxide-silicon-field-effect-transistors) plus crystal IF filter assure amazing FM sensitivity and selectivity. Excellent AM reception, too. Tape monitor, 5-position speaker switch, high /low filters. Power Output at 8 ohms: 200 watts $\pm 1 \mathrm{~dB}, 150$ watts IHF, 65 watts rms per channel. Response: $\pm 1.5 \mathrm{~dB}, 15-25,000 \mathrm{~Hz}$. Sensitivity: $1.7 \mu V .54 / 8 \times 167 / 8 \times 141 / 2^{\circ}$. Case below. AC.13 S 2627 U. Shpg. wt., 30 lbs.
449.95

13 S 2042 X. Walnul Vinyl Wood Case. 9 ibs.
22.95


## $299^{95}$ <br> Fisher 75-watt solid-stute Stereo FM-AM-Phono Compact

Model 115. Famous Fisher quality in a compact system that offers great stereo. Sensitive stereo FM-AM receiver has automatic stereo/mono switching, full array of controls, phono and tape inputs. Main/remote speaker switches. Stereo headphone jack. Four-speed automatic turntable with magnetic cartridge. Fisher XP-44B two-way walnut speaker systems have $6^{\prime \prime}$ woofer and $3^{\prime}$ tweeter. Control center, $45 / 8 \times 151 / 2 \times 14^{1 / 4}$. Speakers, $81 / 4 \times 151 / 4 \times 61 / 4^{*}$. With plastic durt cover. AC.
1350237 L3U. Shpg. wt., 54 lhs.
299.95


# $349^{95}$ 

## Fisher 90 -watt solid-state Stereo FM-AM-Phono Compact

Model 125. Full-feature compact has FET front-end for superb FM and deluxe wideband AM circuit. Complete control facilities. Main/remote speaker switches. Fourspeed automatic turntable has convenient cuing and magnetic cartridge. XP-55B 2-way walnut speaker systems have $8^{\prime \prime}$ woofer and $3^{\prime \prime}$ tweeter. Control center, $81 / 2 \times 17^{1 / 2 \times 15} 3 / 8^{\prime \prime}$. Speakers, $10 \times 29 \times 9^{\prime \prime}$. Optional dust cover below. AC. 13 S 0485 L32. Shpg. wt., 76 lbs.
349.95 I3 S 2659 X. Dust Cover. Shpg. wt., 5 lbs................. 14.95

Fisher Reverberation System
Model K-10. Adds a new depth to musical playback in stereo or mono. Works through tape monitor or separate preamp to create the acoustics of the concert hall. Works with most Fisher receivers including models 400,500 and 800 (not for Fisher 160-T or 175-T). Also for systems with tape monitor or separate preamplifier. 3-tube circuit has selenium rectifier. $7 \times 91 / 2 \times 2^{*} .110 / 220$ VAC. 1352097 X. Shpg. wt., 10 bs..

## Cut 590.05



## Cut $\$ 100.00$



## Scott 82-watt solid-state Stereo FM-AM Receiver

Madel 382B. Was $\$ 290.00$. Order while sale lasts on this receiver bargain. Silverplated field-effect-transistor front-end and integrated-circuit IF strip provide flawless FM reception. Tuning meter and stereo indicator light ease FM tuning. Noise filter, tape monitor, speaker switches and headphone jack. Power at 4 ohins: 82 watts $\pm 1 \mathrm{~dB}, 65$ watts IHF. Response: $\pm 1 \mathrm{~dB}, 18-25,000 \mathrm{H} \% \mathrm{FM}$ Sersitivity: $2.2 \mu \mathrm{~V}$, Size, $47 / 16^{3} \times 151 / 16^{3}$ $113 / 4^{\prime \prime}$. Optional case below. AC
13 S 2713 U. Shpg. wt., 17 lbs..... 199.95
13 S 2001 X. Metal Case. 5 lbs...... 12.50
13 S 2040 X. Walnut Case. 6 lbs. .... 20.82

## Scott 135-watt solid-state Stereo FM-AM Receiver Kit

Model LRB8. Was 299.95 . Price slashed on easy-to-build silicon-transistor kit! Silver-plated field-effect-transistor frontend and integrated-circuit IF strip assure superb FM. Dual tuning meters, stereo indicastor light and muting simplify FM tuning. Front-panel jacks for mikes and headphones. Tape monitor, speaker switches, scratch and rumble filters. Power at 4 ohms: 135 watts $\pm 1 \mathrm{~dB}, 100$ watts IHF, 64 watts rms. Response: $\pm 1$ $\mathrm{dB}, 15-30,000 \mathrm{~Hz}$. FM Sensitivity: $1.9 \mu \mathrm{~V}$. Size, $51 / 2 \times 171 / 2 \times 147 / 8^{\prime \prime}$. Order optional case below. AC.
13 S 2011 U. Shpg. wt., 26 Ibs.. . . . . 199.95 13 S 2733 X. Walnut Case. 6 lbs. . . . 26.95

\$15 monthly*


mex\$25 monthly*


## Scott solid-state 150-watt stereo FM-AM Receiver

Model 3888. Fas \&399.90. FET front-end, IC's. Variable AM bandwidth. All controls, inputs for phono, tape, mike. Be-tween-station silencing. Power at 4 ohms: 150 watts $\pm 1 \mathrm{~dB}, 120$ watts $1 \mathrm{HF}, 40$ watts rms. $15-30,000 \mathrm{~Hz} .415 / 6 \times 15916$ $1214^{\circ}$. Case below. AC.
13 S 2717 U. Shpg. wt., 29 lbs.
299.95 13 S 2733 X. Oiled Walnut Case. 61 hs .26 .95

## Scott 4-channel 140-wati-rms solid-state Stereo Amplifier

Model 499. For the new 4-channel stereo tapes. Compatible with 2 -ehaunel stereo and mono, too. VU meter, mike jack, bass and treble for each channel. Left/right and front/back balance controls. Front/ back headphone jacks. $\pm 1 \mathrm{~dB}, 15-30,000$ Hz . $5 \times 161 / 2 \times 12^{7}$. With walnut case. 13 S 2185 U. Shpg. wt., 14 lbs..... 599.95

## Scott 82-watt solid-state Stereo Amplifier has tape monitor

Model 299F. Silicon-transistor eircuit. Dual-concentric buss and treble; headphone jack, speaker switches. Power at 4 ohms: 82 watts $\neq 1 \mathrm{~dB}, 65$ watts IHF, 36 watts rms. $5 \frac{1}{4} \times 15,2 \times 12^{\prime \prime}$. Case below. AC. 13 S 2737 U. Shpg. wt., $141 / 4 \mathrm{Ibs.}$. 13 S 2040 X. Walnut Case. 6 Ibs. . . . . 20.82

# Kenwood solid-state stereo hi-fi values 



Separately, $\$ 239.35$. Includes Model KR33 Stereo FM-AM Receiver (right), Garrard 30 4-Speed Automatic Turntable with two spindles for manual or automatic play, Stereo Cartridge with diamond stylus, two Allied 3007 walnut Speaker Systems with special $8^{\prime \prime}$ woofer, midrange whizzer cone, $31 / 2^{\prime \prime}$ tweeter.
13 S 0220 D5U. Shpg. wt., 57 Ibs...
199.95


Model KR-33. Beautifully designed receiver offers FET frontend for full-fidelity reception of even weak signals. Also silent. automatic stereo-mono switching with stereo light; illuminated tuning meter; 4-position selector for AM, FM-auto, phono, aux. Direct tape-monitor switch; manual stereo/mono switch; volume control with rocker switch for loudness control; front-panel stereo headphone jack. 300 and 75 -ohm FM antenna inputs. Silicontransistor amplifier circuit with exclusive automatic protection of power transistors. Power at 4 ohms: 40 watts $=1 \mathrm{~dB}, 32$ watts IHF, 13 watts rms/channel. $25-30,000 \mathrm{~Hz}, \pm 2 \mathrm{~dB}$. Simulated walnut-finish cabinet, $148,\left\{6 \times 4^{11}, 16 \times 1114^{\circ}\right.$. AC. Japan. 13 S 2062 U. Shpg. wt., 16 lbs.
149.95

Model KR-100 170-Wall Stereo FM-AM Receiver. Full array of controls. Has tape monitor, front-panel tape dubbing, centerchannel and preamp outputs. Also speaker selector, stereo headphone jack, scratch and rumble filters, mode switch, loudness contour. ()verload circuit protects output stage. 170 watts, $=1 \mathrm{~dB}$ at 4 ohms; 140 watts IHF; 50 watts rms per channel. Walnut case, $51 / 2 \times 16^{1 / 2} \times 121 / 4^{\prime \prime}$. AC. Japan. 13 S 2492 U. Shpg. wt., 26 lbs...... 299.95
Model KR-77 90-Watt Stereo FM-AM Receiver. Offers tape monitor, front-panel tape dubbing, speaker selector, loudness contour, rumble and seratch filters. Overload circuit protects output stage. Output at 4 ohms: 90 watts $=1 \mathrm{~dB} ; 75$ watts IHF; 33 watts rms per channel. 15-50,000 $\mathrm{Hz}_{\mathrm{L}}=1.5 \mathrm{~dB}$. Walnut-finish case, $51 / 2^{x}$ $161 / 2 \times 121 / 2^{\prime \prime}$. AC. Japan.

$$
\begin{aligned}
& 1072 \text { S } 2087 \text { U. Shpg. we., } 29 \text { lhs...... } 239.95 \\
& 13 \text { S } 2088 \text { U. KR-70. FM only...... } 199.95
\end{aligned}
$$

Model KR-44 60-W at Stereo FM-AM Receiver. Has tuning meter, stereo light, tape monitor, froht-panel tape dubbing. Also low-level center-channel output, speaker switch, headphone jack, loudness contour, noise filter. Power output at 4 ohms: 60 watts $\pm 1 \mathrm{~dB} ; 48$ watts 1HF; 20 watts rms per channel. $20-50,000 \mathrm{~Hz} \pm 2$ dB. Walnut-finish metal case, $51 / 2 \times 161 / 2 \mathrm{x}$ 151/2". AC. Japan.
13 S 2089 U. Shpg. wt., 27 lbs.
179.95

Model KA-2000 50-Wall Stereo Amplifier. Fits on any bookshelf. Offers tape monitor, loudness compensation, headphone jack. Power output at 4 ohms: 50 watts $\pm 1 \mathrm{~dB} ; 40$ watts IHF; 15 watts rms per channel. $20-50.000 \mathrm{~Hz}$. Inputs: magnetic phono, tuner, tape, aux. Outputs: 4-16 ohms, tape, headphones. Handsome metal case, $43 / 8 \times 101 / 4 \times 93 / 8^{*}$. AC. Japan. 13 S 2493 X . Shpg. wt., $13 \mathrm{lhs} .$.
89.95

29995
$\$ 15$ monthly*


## 1795

$\$ 9$ monthly ${ }^{*}$

# Outstanding values in famous Sansui Stereo Components 

## NEW



## Advanced design 150-watt Stereo FM-AM Receiver with IC's and FET's

Model 2000A. Sansui's latest! Gives you all the contruls, inputs and power you need for magnificent stereo sound from any music source. Features newly designed $10^{\circ}$ wide FM-AM tuning dial for pin-point selection of stations; advanced solid-state circuit with both IC's and FET's for ultra-reliable performance. Has between-station quieting on FM, stereo FM noise canceller, automatic stereo switching. Also tape monitor, headphone jack, high
and low-cut filters, mode and selector switches. FM SCA filter. AM ferrite bar antenna, local-distant switch. Overload circuit protects output stage. Power output at 4 ohms: 150 watts, $\pm 1 \mathrm{~dB} ; 120$ watts IHF ; 43 watts rms perchannel. Response, $\pm 1 \mathrm{~dB}, 20-40,000 \mathrm{~Hz} .1415 / 5 \times 181 / 8 \mathrm{x}$ $133 / 16^{6}$. With metal case. Wood case below. AC. Japan. 13 S 2575 U . Shpg. wt., 27 lbs..
299.95


## 60-watt Stereo FM-AM Receiver

$\$ 10$ monthly*

Model 350. Silicon-transistor circuit; field-effect-transistors in front end for superior FM. Tuning meter, stereo indicator light, headphone jack, speaker selector, tape monitor, loudness contour, Power Output at 4 ohms: 60 watts $\pm 1 \mathrm{~dB}, 46$ watts IHF; 16 watts rms per channel. Response, $\pm 1 \mathrm{~dB}, 20-30,000 \mathrm{~Hz}$. FM Sensitivity: $3 \mu \mathrm{~V}, 41 / 2 \times 1513 / 16 \mathrm{x}$ $131 / 8^{*}$. Metal case. Wood case below. AC. Japan. 13 S 2096 U. Shpg. wt., 20 lbs.


Model 4000. Advanced receiver features silicon transistors for purest stereo hi-f. FET's in front-end and automatic stereo/mono switching assure great FM reception; excellent AM too. Power Output at 4 ohms: 200 watts, $\pm 1$ dB; 160 watts IHF; 65 watts rms per channel. Response: $=1 \mathrm{~dB}, 10-50,000 \mathrm{~Hz}$. Sensitivity, $1.8 \mu \mathrm{v} .47 / 8 \times 171 / 4 \times 141 / 2^{\prime \prime}$. Metal case. Wood case below. AC. Japan.
13 S 2524 U . Shpg. wt., 29 lbs.
379.95 1352525 X. Walnut Wood Case. Shpg. wt., 7 lbs..... 22.50


## Solid-state 76-watt Stereo Control Amplifier <br> $159^{95}$ \$8 monthly*

## Full-feature <br> Stereo FM-AM Tuner <br> $129^{95}$ \$7 monthly*

Model AU 555. All-silicon transistor amplifier boasts deluxe preamp. Tape monitor, rumble and seratch filters, mode switch and stereo headphone jack. Power Output at 4 ohms: 76 watts, $\pm 1 \mathrm{~dB} ; 60$ watts. IHF: 25 watts rms per channel. Kesponse : $20-80.000 \mathrm{~Hz}, \pm 1 \mathrm{~dB}$. Satin black front panel. Metal case. $4^{3} / 8 \times 15 \times 10^{7} / 8^{\prime \prime}$. AC. Japan.
13 S 2517 U . Shpg wt., 18 lbs .
159.95 13 S 2100 X. Model AU 222. Above but with Power Output at 4 ohms: 60 watts at $\pm 1 \mathrm{~dB}, 46$ watts IHF, 18 watts rms per channel. Shper wt., 13 liss.

Model TU 555. Superbly engineered tuner offers FET front end and integrated circuit IF strip for high sensitivity, low noise and better stereo separation. Crystal filters in IF strip for precise tuning of even hard-to-receive stations. Tuning meter, automatic FM tuning, interstation muting. Recorder, headphone, amplifier outputs. Sensitivity, 2.0 $\mu \mathrm{V}$. Signal-to-noise ratio, 60 dB . Ideal match for AU 555 stereo control amplifier at left. $111 / 4 \times 43 / 8 \times 111 / 2^{\prime \prime}$. With metal case. AC. Japa
13 S 2521 U. Shpg. wt., 9 lbs.
129.95

## Big Value!



## Pioneer 215-watt Stereo FM-AM Receiver reduced for quick clearance

Model 1500t. Was $\$ 345.00$. Don't delay! Buy now and save. This extraordinary receiver has performance and features to please even the most critical audiophile. Features field-effect-transistor FM front-end and four integrated circuits in the IF strip to provide a remarkable capture ratio of 1 dB. Has deluxe time-switching multiplex circuit and between-station silencing. Silicon output circuit. Tuning meter and stereo indicator light. High and low filters.

Front panel switch for two magnetic phono inputs. Tape head input equalized for $71 / 2,33 / 4$ ips. Switch for main, remote speakers, stereo headphone jack. Output at 4 ohms: 215 watts $\pm 1 \mathrm{~dB}, 170$ watts IHF, 120 watts rms. Response: $\pm 1 \mathrm{~dB}, 20-70,000 \mathrm{~Hz}$. FM Sensitivity: $1.7 \mu \mathrm{~V}$. Harmonic Distortion: under $0.1 \%$. Separation: 37 dB . Walnut eadpanels. $51 / 2 \times 153 / 4 \times 139 / 4$. AC. Japan. Limited Quantity. 13 S 2812 U. Shpg. wt., 29 lbs .


# Pioneer 85-watt Stereo FM-AM Receiver 4495 

Model $5 \times-770$. All silicou solid-state receiver has FET frontend to assure high sensitivity and signal-to-noise ratio for static-free FM reception. Two IC's in IF strip provide excellent selectivity. High sensitivity AM section for pleasurable AM. listening. Has AFC, FM rauting, high-cut filter, tape monitor, loudness contour. FM and AM indicator lights, tape monitor, stereo headphone jack. Output at 4 ohms: 85 watts $\pm 1 \mathrm{~dB}, 70$ watts IHF, 34 watts rms. Response: $\neq 3 \mathrm{~dB}, 20-40,000 \mathrm{~Hz}$. Sensitivity: $1.8 \mu \mathrm{~V}$. Walnut case. $5^{11} / 16 \times 16^{15} / 16 \times 13^{3} / 4^{\prime \prime}$. AC/DC Japan. 13 S 2515 U. Shpg. wt., 24 lbs..
249.95

Model SX-440 50-Wat Stereo FM-AM Receiver. Similar in appearance to above. Has FM indicator light, illuminated dial, tape monitor, stereo headphone jack. Output at 4 ohms: 50 watts $\pm 1 \mathrm{~dB}, 40$ watts IHF, 30 watts rms. Response: $\neq 3 \mathrm{~dB}, 20-70.000 \mathrm{~Hz}$. Sensitivity: $2.5 \mu \mathrm{~V}$. Walnut case. $5^{7}$ /6 $\times 15^{15}$ /保 $\times 15^{\prime \prime}$. AC/DC. From Japan. 13 S 2519 U . Shpg. wt., 22 lbs .
199.95


## Pioneer 215-watt 39095 $\$ 18$ monthly*

Model SX-1500TD. Pioneer's finest receiver features FET front-end for outstanding sensitivity and signal-to-noise ratio, pulls in even the weakest FM stations. Four integrated circuits in IF strip for superior selectivity. Silicon transistors assure crystal-clear AM. Has loudness contour, high and low filters, FM muting, AFC. Stereo indicator light, tape monitor, stereo headphone jack. Output at 4 ohms: 215 watts $\pm 1$ dB, 170 watts IHF, 120 watts rms. Response: $\pm 1 \mathrm{~dB}, 20-70,000 \mathrm{~Hz}$. Sensitivity: $1.7 \mu \mathrm{~V}$. Walnut case. $51 / 2 \times 16 \times 133 / 4^{\circ}$. AC/DC. Japan.
13 S 2084 U. Shpg. wt., 30 libs.
399.95

Model SX-990 125-Watt Stereo FM-AM Receiver. Has the same fine features as the SX-1500TD above, but lower power rating. Power output at 4 ohms: 125 watts $\pm 1 \mathrm{~dB}, 100$ watts IHF, 30 watts rms. Response, $\pm 3 \mathrm{~dB}, 10-100,000 \mathrm{~Hz}$. Sensitivity: $1.7 \mu \mathrm{~V}$. Walnut case. $55 / 8 \times 14^{1 / 2} \times 18^{11} / 16^{\prime \prime}$. AC/DC. From Japan.
13 S 2520 U. Shpg. wt., 29 lbs.
299.95

## Pioneer Reverberation Amplifier

Model SR-202. Solid-state unit adds brilliance to stereo performances, recordings. Connects to amplifiers with tape monitor jacks to provide reverb to speakers, tape, both. Controls 2 recorders for sinultaneous recording or playback. Controls: Reverb Time, Tape Mode, Reverb Mode. Reverb indicator light. $41 / 2 \times 11^{3 / 4} \times 93 /{ }^{\prime \prime}$. AC. Japan. 1352092 X. Shpg. wt., $83 / 4 \mathrm{lbs}$.
bs....
.99 .95


SolidState! 9995
$\$ 5$ monthly*

## Eico 80-watt Stereo FM Receiver Kit

## Cut ${ }^{5} 40.00$ <br> Kir <br> form <br> $129^{95}$



Model 3570. Was $\$ 169.95$. Silicon-transistor kit has assembled RF, IF and multiplex circuits for easy assembly and finest performance without special tools or equipment. Five tuned RF circuits and four double-tuned IF's assure full-fidelity FM reception. Tuning meter, stereo indicator light and AFC circuit simplify FM tuning.
Tape monitor, loudness contour, headphone jack, scratch and rumble filters. Power at 4 ohms: 80 watts $\pm 1 \mathrm{~dB}, 70$ watts IHF, 40 watts rms. Response: $\pm .5$ dB. $8-60.000 \mathrm{~Hz}$. Sensitivity: $2.4 \mu \mathrm{~V}$. With walnut vinyl-clad metal case. $45 / 2 x$ $16 \times 9^{*}$. AC.
13 S 2342 U. Kit Form. Wt, 14 lbs. 129.95

## Eico 80-watt Stereo Amplifier Kit

Cut $\$ 15.00=84^{95}$ s.


Model 3070. Was 999.95. Silicon-transistor kit has transformerless output with ultrawide response of $\pm 11 / 2 \mathrm{~dB}, 5-100,000 \mathrm{~Hz}$. Tape monitor, mode switch, speaker selector, loudness contour, headphone jack, scratch and rumble filters.
Power Output at 4 ohms: 80 watts $\pm 1 \mathrm{~dB}$. 70 watts IHF, 40 watts rms. Harmonic Distortion: less than $0.8 \%$ at rated output. Hum and Noise: -72 dB . Inputs: magnetic phono, tuner and auxiliary. Outputs: $4-16$ ohms, stereo headphones and tape recorder. With walnut vinyl-clad metal case. Size, $31 / 4 \times 12 \times 8^{\prime \prime}$. AC. 13 S 2338 X . Kit Form. Wt., 8 lbs.... 84.95


Eregt Vatio $\underset{\substack{\text { Kit } \\ \text { form }}}{ } 7995 \begin{gathered}\$ 7 \\ \text { monthly* }\end{gathered}$


## Eico's finest silicon solid-state Stereo Amplifier Kit . . 190 watts

Model 3150. Complementary Svmmetry circuil develops mighty 190 watts with wide response of $\pm 1.5 \mathrm{~dB}, 10-30.000 \mathrm{~Hz}$. Has tape monitor, mode and speaker switches, loudness contour and headphone jack. Output at 4 ohms: 190 watts $\neq 1 \mathrm{~dB}, 150$ watts IHF, 100 watts rms. Harmonic Distortion: $0.1 \%$. Hum and Noise: -75 dB. Inputs: magnetic phono, tuner, tape monitor and auxiliary. Outputs: $4-16$ ohms stereo headphones, tape recorder. With walnut finish vinylclad metal case. $3^{1 / 8 \times 15 \times 71 / 2^{\prime \prime} . ~ A C . ~}$ $13 \$ 2254$ U. Kit Form. Wi., 17 lbs.

## Eico 80-watt silicon solid-state <br> Stereo FM-AM Receiver Kit

Model 3770. Eico's finest receiver kit! Five tuned RF circuits. four double-tuned IFs and timeswitching multiplex-all assembled to bring you finest reception without special tools or equipment. Signal-strength meter. stereo indicator light and AFC on FM simplify tuning. Full-feature preamp has facilities for all music sources. Power at 4 ohms: 80 watts $\pm 1 \mathrm{~dB}, 70$ watts IHF, 40 watts rms. Response: $\pm .5 \mathrm{~dB}$, $8-60,000 \mathrm{~Hz}$. Sensitivity: $2.4 \mu \mathrm{~V}$. With walnut vinyl-clad metal case. $41 / 2 \times 16 \times 9^{\circ}$. AC.
1352334 U. Kit Form. Wt.. 15 Ibs.
149.95

13 S 2335 U. Factory Assembled. ............. 229.95

# Harman-Kardon 100-watt Stereo FM Receiver Cut ${ }^{1} 100.00214{ }^{00}$. 

Model 720. Was $\$ 314.00$. Solid-state receiver has Metal-Oxide-Silicon-Field-Effect-Transistor front-end for outstanding reception of even distant FM stations. Tuning meter and stereo indicator light. Between-station quieting, tape monitor, stereo headphone jack, scratch and rumble filters. Power at 4 ohms: 100 watts $\neq 1$ $\mathrm{dB}, 80$ watts IHF, 50 watts rms. Response: $\pm 1$ $\mathrm{dB}, 8-40,000 \mathrm{~Hz}$. Sensitivity: $1.8{ }_{\mu \mathrm{V}}$. $5 \times 161 / 4 \mathrm{x}$ $11^{3 / 4}$ ". Optional case below. AC 13 S 2176 U. Shpg. wt., 26 lbs.............. 214.00 13 S 2208 X . Walnut Wood Case. 6 lbs...... 25.46


Model SLI312. Enjoy records, cassettes, stereo FM, and AM on this compact music center. Tuning meter, stereo indicator light and headphone jack. 4-speed changer has diamond-stylus ceramic cartridge. Twin-cone speakers spread wide-range hi-fi over $360^{\circ}$ area. Models with phono have tinted dust cover. Walnut finish. Changer/cassette deck, $20 \times 57 / 8 \times 11^{3} 4^{\prime \prime}$. Changer and receiver, $153 / 4 \times 55^{7} \times 113^{4}$. Speakers, $13 / 4 \times 91 / 2^{4}$ dia. AC.
1352530 U . Shpg. Wt. 36 lbs ................................... 349.95
1352531 U . SLI112. Above, less cassette deck. 30 lbs. ..... 299.95
13 S 2532 U. SLIO12. As SLil12, less phono. 22 lbs.
199.95

> Harman-Kardon 20-watt solid-state Stereo FM-AM/Tape/Phono Music Center with omnidirectional speaker systems

## 90-watt Stereo FM-AM Receiver

Harman-Kardon 330. Solid-state. Has MOSFET front-end for sensitive, noise-free FM. Tuning meter and stereo indicator light. Tape monitor, louduess contour, speaker switches, stereo headphone jack. Power at 4 ohms: 90 watts $\pm 1 \mathrm{~dB}$, 70 watts $1 H F, 40$ watts rms. $4^{1} / \times 15 \frac{3}{8} \times 13^{\prime \prime}$ Metal case; optional case below. AC. Japan. 13 S 2064 U. Shpg. wt.. 20 lbs..
199.95

13 S 2069 X . Walnut Wood Case. Wit. 6 lbs. 21.95

1095 Metol
Case $\$ 10$ monthly ${ }^{*}$

## 140-watt Stereo FM-AM Receiver

Harman-Kardon 820. MOSFET front end. Tape monitor, loudness contour, speaker switches, stereo headphone jack. Tuning meter and stereo indicator light. Power at 4 ohms: 140 watts $\pm 1$ $\mathrm{dB}, 100$ watts IHF, 80 watts rms. $41 / 4 \times 161 / 2 \times 12^{\prime \prime}$ Metal case, optional case below. AC. Japan. 13 S 2288 U. Shpg. wt., 25 lbs........... 299.95 13 S 2289 X . Walnut Wood Case. Wt., 6 ibs. 25.50

## Professional-quality Stereo Cassette Deck

Harman-Kardan Model CAD4. Silicon transistor circuit, dual level controls, professional VU meters. Records, plays through your present stereo system. Pushbutton operation, automatic shutoff, overmodulation indicator. Record interlock. $30-12,500 \mathrm{~Hz} .31 / 4 \times 121 / 2 \times 9^{\prime}$. AC. Japan. 15 S 7014 U. Shpg. wt., 10 lbs.

15950
\$8 monthly*

# Famous name solid-state Stereo Components 



## 99995 Powerful JVC 165-watt Stereo FM-AM Receiver with Sound Effect Amplifier

Model 5003. Features Sound Effect Amplifier (S.E.A.) for professional control of sound effects. Lets you match characteristics of any speaker system. Has FETs and ICs. Automatic stereo FM switching, muting switch, multi-speaker system selection. Power Output at 8 ohms: 165 watts $\pm 1 \mathrm{~dB} ; 140$ watts IHF; 100 watts rms. Response: $\pm 1$ dB, $10-20,000 \mathrm{~Hz}$. Hammonic Distortion: less than $0.5 \%$. Walnutfinish metal case. $57 / 8 \times 20^{3} / 4 \times 141 / 4^{\prime \prime}$. AC. Japan.
1352209 U. Shpg. wt., 31 Ibs..
299.95

13 S 2210 U. Above in Walnut Wood Case. Shpg. wt., 31 Ibs... 319.95 JVC Model 500175 -wott Stereo FM-AM Receiver. Has S.E.A. and features similar to Model 5003. Output at 8 ohms: 75 watts $\pm 1 \mathrm{~dB}$; 60 watts IHF; 50 watts rms. Response: $\pm 1 \mathrm{~dB}, 20-20,000 \mathrm{~Hz}$. Walnut finish metal case. $57 / 8 \times 20^{3} / 4 \times 141 / 4{ }^{\circ}$. AC. Japan.
13 S 2211 U. Shpg. wit., 28 lbs..
229.95

13 S 2212 U. Above in Walnut Wood Case. Shpg. wt., 28 Ibs.... 239.95

JVC 34-watt Stereo FM-AM mini-compact Music System


Model 4330. Modular system from JVC features stereo FM-AM receiver with 34 -watt peak music power und full array of controls. Four-speed mini-changer plays up to six LPs automatically. Stereo cartridge with diamond stylus. Matched speaker systems provide maximum stereo effect over a wide range of frequencies. Walnut finish cabinets. Main unit, $81 / 4 \times 143 / 4 \times 12^{*}$. Speakers, $131 / 2 \times 9 \times 6 \frac{1}{4}$ ". AC. Јараи. 13 S 2213 U. Shpg. wt., 19 lbs.
179.95

## Marantz connoisseur quality Stereo Components



## 52-watt Stereo FM-AM Receiver

Model 26. Now-Marantz at low cost! All-silicon transistor circuit. Muting, high/low filter switches. Power at 8 ohms: 52 watts $\pm 1 \mathrm{~dB} ; 42$ watts IHF; 28 watts rms. $\pm 1 \mathrm{~dB}, 20-20,000 \mathrm{~Hz}$. Harmonic and IM Distortion: less than $1 \%$. Metal case. $33 / 4 \times 151 / 2 \times 12^{1} 2^{\prime \prime}$. AC. Japan. 13 S 2102 U. Shpg. wt., $22 \mathrm{lbs} . . . . .{ }^{2} . . .209 .00$ 13 S 2113 X. Walnut Wood Case. 11 lbs..... 25.50

## 110-watt Stereo FM-AM Receiver

Model 25. Offers superb quality with every wanted feature. Tuner circuit has FETs and ICs, plus four-gang tuning capacitor. Muting, tape monitor, high/low filter switches. Power at 8 ohms: 110 watts $\pm 1 \mathrm{~dB} ; 90$ watts IHF; 60 watts rms. Response: $=1 \mathrm{~dB} \cdot 20-20,000 \mathrm{~Hz}$. Harmonic and IM Distortion: less than $0.3 \%$. With walnut
 1352264 U. Shpg. wt., 49 lbs.
339.00

## Versatile Stereo Preamplifier

Model 33. Ideal companion for Model 16 basic amplifier below. Has jacks for headphones, tape recorder. Bass and treble controls for each channel. Inputs: mike, 2 phono, tape head, tuner, TV and 2 aux; 4 outputs. Flat from $20-20,000 \mathrm{~Hz}$. IM and Harmonie Distortion: $0.02 \%$. Optional case below. $53 / 4 \times 153 / 8 \times 8^{\prime \prime}$. AC.
13 S 2290 U. Shpg. wt., 16 lbs............. 395.00 13 S 2270 X. Walnut Wood Case. 9 lbs...... 24.50

## 300-watt Basic Stereo Amplifier

Model 16. Boasts 300 watt output (IHF) at 8 ohms. Separate power supplies for each channel. Direct coupled amplifiers. RMS Power: 200 watts. Response, $10-60,000 \mathrm{~Hz}$. Distortion: less than $0.1 \%$. Ideal for use with 33 Preamp. Optional case below. $53 / 4 \times 153 / 8 \times 8^{*}$. AC.
13 S 2093 U. Shpg. wt., 34 Jbs..
450.00 13 S 2454 X. Walnut Case. Wt.. 9 lhs........ 29.50

# New Panasonic Stereo Receivers and Compacts 

## 70-watt Stereo FM-AM Receiver

Model SA-40. Offers newest features at a moderate price. Sensitive field-effect-transistor front-end pulls in more FM stations, more clearly. Delivers fine AM, too. Sliding linear controls allow precise adjustment of treble, bass, volume, balance. Rocker switches for loudness, high filter, mono/stereo, tape monitor. Inputs: phono, tape, aux. Outputs: 2 pairs of speakers, tape. Power at 4 ohms: 70 watts $\pm 1 \mathrm{~dB}, 55$ watts IHF. Response: $\pm 3 \mathrm{~dB}, 20-60.000 \mathrm{H} \%$. With walnut veneer case. $5 \times 16 \times 14^{\prime \prime}$ AC. Japan.
13 S 2214 U. Shpg. wt., 29 lbs.
199.95

## 75-watt Stereo FM-AM Receiver

Model SA-60. Provides superb steren FM with FETs and 4 IF stages. Special AM tuner has ceramic filters and separate RF circuit for exceptional sound. Full array of controls. Separate bass and treble for each channel. Main/remote speaker outputs. Inputs for phono, tape, aux. Outputs: speakers, tape, headphones. 3 AC outlets. Power at 4 ohms: 75 watts $\pm 1 \mathrm{~dB}, 60$ watts IHF. Response: $\pm 3 \mathrm{~dB}, 20-70.000 \mathrm{~Hz}$. With walnut case. $5 \times 20^{1} / 2 \times 14^{\prime \prime}$. AC. Japan.
13 S 2215 U. Shpg. wt.. 34 lbs.
249.95

## 115-watt Stereo FM-AM Receiver

Model SA-70. Advanced periormance and features. Has field-effect-transistors, twostage RF, four-section tuning capacitor and integrated circuits for exceptional stereo F'M. Ceramic filter for superior AM. Separate bass and treble for each channel. Loudness, high /low filter, mode, muting, tape monitor lever switches. Multi-speaker selection. Full array of inputs and outputs. Power at 4 ohms: 115 watts $\pm 1 \mathrm{~dB}, 90$ watts IHF. Response: $\pm 3 \mathrm{~dB}, 20-100.000 \mathrm{H} \%$. Walnut case. $5 \times 191 / 2 \times 14^{\prime \prime}$. AC. Japan.
13 S 2216 U . Shpg. wt.. 35 lbs .
299.95

> Walnut Case Included $199^{95}$ $\$ 10$ monthly*


Sliding freble, bass, volume and balance controls lef you make perfect settings easily


Has ultra-stable stereo FM circuit; ceramic filfers on $A M$ for superior performonce

## Walnut Case Included <br> 29995

$\$ 15$ monthly*


An excellent choice in a medium-priced receiver . . high power, full inputs and outputs


## 60-watt Stereo FM-AM-Phono Compact

Model SC-555. Compact steren FM-AM-phono swstem has FETs and 4 IF stages for extra FM sensitivity. Automatic stereo/mono switching, sliding linear tone controls, inputs for tape and auxiliary. 4-speed automatic turntable has magnetic stereo cartridge, diamond stylus. Each speaker has $6 \frac{1}{2} 2^{\prime \prime}$ woofer and $2^{1} 2^{\prime \prime}$ tweeter. Power at 8 ohms: 60 watts peak. 30 watts IHF. $22-25.000 \mathrm{~Hz}$. Walnut finish. Receiver, $9 \times 18 \times 15^{\prime \prime}$; speakers. $15^{1} 2^{2} \times 9^{3} / 4 \times 81^{\prime \prime}$ ". AC. Japan. 1352217 U. Shpg. wt.. 29 lbs


## Deluxe 80-watt Stereo FM-AM-Phono Compact

Model SC-666. Handsomely-styled compact hat automatic stereo/mono switching, sliding tone controls, main/remote speaker switches. Input for recorder, or 8-track or cassette plaver. 4-speed automatic turntable has cuing control. Pickering magnetic stereo cartridge, diamond stylus. Speakers have $8^{\prime \prime}$ woofer and $2^{\prime \prime}$ tweeter. Power at 4 ohms 80 watts peak. 40 watts IHF. $20-25.000 \mathrm{~Hz}$. Walimut Receiver, $9 \times 1 \sigma^{1 / 2} \times 19^{*}$; speakers. $171 / 2 \times 111 / 2 \times 83 / 4^{\prime \prime}$. AC 13 S 2218 U. Japan. Shige wt.. 44 lho
Coseo 3-D triangular Color Organ Cut s 15.00 $29^{95}$ $\$ 5$ monthly*


Model D-64. Was $\$ 44.95$ Order now while sale-priced and enjoy $33 \%$ savings! See your favorite music accompanied by a fascinating display of flashing blue, red and yellow lights that dance in intensity with the volume and tempo of the music. Triangular-design organ has two screens that give you a unique three-dimensional effect. Perfect for homes, bands, clubs or merchandise displays.
Easy to set up. Simply connect color organ to the speaker leads of any amplifier, radio, phono or recorder. Low-voltage solid-state circuit has no effect on quality of music. Sturdy cabinet has shatterproof translucent plastic screen and handsome walnut finish. Size, $25 \times 12 \times 14^{*}$ deep. AC. 13 S 2315 X . Shpg. wt., 14 lbs........ 29.95

\$5
monthly*


Cut ' 15.00 $34^{95}$
$\$ 5$ monthly*

## (4) Eico Color Organ

Model 3435A. Was 84.9.95 Cut $30 \%$. Lights' intensity varies with music's volume and tempo. One-channel solid-state circuit doesn'taffect sound quality. Walnut-finished cabinet has plastic screen. Assembled. $24 \times 12 \times 10^{\prime \prime}$ deep. AC.
13 \$ 2304 X. 18 lbs.............. . 34.95

## (c) Lowest price ever on Eico 3-channel Color Organ Kit

Model 3440. Great sale value on this kit! Beautiful display of red, blue and green lights varies with beat, frequency and volume of your favorite music. Solid-state circuit does not affect sound quality. Connects to speaker leads of any guitar or stereo amplifier, phono, etc. Output control. Walnutgrain case has shatterproof $9 \times 14^{\prime \prime}$ plastic screen. $10 \times 15 \times 6^{\prime \prime}$. AC.
13 S 2255 U. Shpg. wt., 12 lbs...


## Cosco wired 3995

## Strobe Light

Model D-72. Was 49.95 . Big $20 \%$ savings on this model! "Turn on" music with strobe light effects. Perfect for parties, bands and displays. Flashes in rhythm to music. Controls for adjusting rate of flash; semsitivity control for use with varying volume levels. Connect to speaker. With reflector, xenon bulb. $9 \times 5 \times 4^{\prime \prime}$. AC. 13 S 2316 X . Wt.. 3 lbs...


## Eico Strobe Light Kit

Model 3470. For sensational lighting effects! Strobe flashes in rhythm to music. Manual control for adjusting flash rate. Sensitivity control lets you use strobe with any volume level. Connects to any audio line. Vinylclad metal case, $61 / 4 \times 93 / 8 \times 5^{3 / 8}$. Has reflector, plug-in xenon blub. AC. 1352272 X. Shpg. wt., 3 lbs... 24.95 1352271 X . Model 3475 Kit. Above, but with automatic flash rate adjustment. Shpg. wt., 3 lbs........... 39.95


## Sound/Color Translator Kit

Eico Model 3465. Solid-state three channel sound/color translator divides output from your music system into three primary frequencies. Hook up any arrangement of colored lights up to 1200 watts (handles 400 watts per channel). Stylish teak vinyl-clad metal case. Size, $61 / 4 \times 93 / 8 \times 53 / 8{ }^{\prime \prime}$. AC.
13 S 2295 X. Shpg. wt.. 7 lbs... . 49.95 13 S $2296 \times$. Model 3460 Kil. Above, but single channel; handles up to 500 watts. Shpg. wt., 3 lbs..... 24.95 <br> \section*{Lowest prices ever on ADC <br> \section*{Lowest prices ever on ADC Magnetic Stereo Cartridges} Magnetic Stereo Cartridges}

## 10000 <br> $\$ 6$ monthly* <br> $\$ 5$ monthly* <br> 

ADC's finest Stereo Cartridge. has 3 interchangeable Styli
(A) Model ADC-25. Designed for the audio connoisseur, this unique, premium-quality stereo oartridge comes with three easily interchangeable styli for optimum trackability with the varied recording groove procedures in use. Two elliptical diamond styli, .0003x.0007" and $.0003 x .0009^{\circ}$ plus one conicaltip diamond stylus, $.0006^{\prime \prime}$.
Cartridge has induced magnet design for lowest moving mass, and will track as low as $1 / 2 \mathrm{gram}$ when used with the finest manual or automatic turntables. Response, $20-20,000 \mathrm{~Hz}$. Channel separation, better than 30 dB . Output, 2.5 mV .
13 S 3812 S. Wt., 6 oz... 100.00 [B] 13 S 3822 S. ADC 26. Above but with $.0003 \times .0009^{\prime \prime}$ elliptical stylus only. 4 oz.. 80.00


## Top-value Stereo Cartridge

(c)Model IOE MK II. Unbeatable value offers this deluxe cartridge at new. low price. Boasts $15^{\circ} .0003 \times .000^{\circ}$ elliptical diamond stylus. Response, $10-$ $20,000 \mathrm{H} \%$. Compliance, $35 \times 10^{-6} \mathrm{~cm}$ / dyne. Separation, 30 dB . Tracking, $1 / 2$ to $11 / 2$ grams. Wt., 4 oz . 13 S 3834 S
29.00

## Deluxe Stereo Curtridge

(D) Model 550E. Superb elliptical-stylus stereo cartridge features "induced magnet" for minimum distortion and record wear. $15^{\circ}, .0003 \mathrm{x} .000^{*}$ elliptical diamond stylus. Response, $10-20,000$ Hz . Compliance, $28 \times 10^{-6} \mathrm{em} / \mathrm{dyne}$ Separation, $30 \mathrm{~dB} .9 / 4$ to 21 g grams. 13 S 3833 S. Wt., 4 oz.

## Budget-priced Stereo Cortridge

EMadel 990E. Super-value! Provides exceptional trackability for distortionfree music. $15^{\circ}, .0003 \times .0007^{\circ}$ elliptical diamond stylus. Response, $10-20,000$ Hz . Compliance, $28 \times 10^{-6} \mathrm{~cm} /$ dyne. Stereo channel separation, 30 dB . Tracks $3 / 4$ to $21 / 2$ grams. Wt., 4 oz. 13 S 3840 S
14.00

## Half-prite Stereo Cartridge

[F]
Model Point 4/E. Was 349.50 . Specialpurchase value! Perfect choice for fine turntables. Features $15^{\circ} .0007 x$ $.0003^{\prime \prime}$ diameter elliptical diamond stylus. Response is a full $10-20,000 \mathrm{~Hz}$. Stereo channel separation, 30 dB . Tracks 3 to $11 / 2$ grams. 402. 13 S 3832 S
24.75

## EMPIRE

## Low-price Stereo Cartridge

Model 808. Was \$19.95. Conical-tip stereo cartridge bousts fine performance at a low price. For most turntables and changers. Has .0007" diamond stylus. Response, 15-20,000 Hz . Compliance, $8 \times 10^{-6} \mathrm{~cm} / \mathrm{dyne}$. Separation, 30 dB .1 to 5 grams. 13 S 3982 S. Wt., 4 oz............. 9.95


## Conical-tip Stereo Cartridge

Model 888. Was $\$ 24.95$. Huge savings on this fine cartridge! For manual or automatic turntables. Has $15^{\circ} .0007^{\circ}$ conical-tip diamond stylus. Response, $12-25,000 \mathrm{~Hz}$. Separation, 30 dB . Compliance, $8 \times 10^{-6}$. Tracks from 2 to 5 grams. Wt., 4 oz.
1353985 S
12.50

## Deluxe conical-fip Stereo Cartridge

Model 888P. Was $\$ 16.95$. Great value in a top-quality maznetic stereo cartridge for use with automatic or manual turntables. Has $15^{\circ}, .0006^{*}$ con-ical-tip diamond stylus. Response $10-28,000 \mathrm{~Hz}$. Compliance, $15 \times 10^{-6}$ cm/dyne. Sep., 30 dB . 1 '́ to 4 gramis. 1353986 S. Wt., 4 oã..
14.95

## Value-priced Stereo Cartridge

Model 888SE. Was $\$ 19.95$. Super-ellip-tical-stylus stereo cartridge at an outstanding low price. For finest manual and automatic turntables. $15^{\circ}, .0007 \mathrm{x}$ $.0003^{\prime \prime}$ diamond stylus. $6-32,000 \mathrm{~Hz}$. Compliance, $25 \times 10^{-6} \mathrm{~cm} /$ dvne. Separation, $30 \mathrm{~dB} .1 / 2$ to 3 grams. 13 S 3991 S. Wt., 402.
17.95

## SHURE

## Popular Stereo Cortridge

Model M3D. Was \$8.25. Lowest price ever on one of the most popular economy cartridges. Features a . $0007^{\prime \prime}$ conical diamond stylus, with a response of $20-15,000 \mathrm{~Hz}, 20 \mathrm{~dB}$ separation. Tracks from 3 to 6 grams. Shpg. wt., 6 oz .
13 S 3900 S
6.95

## Budget-priced Stereo Cartridge

Model M44-7. Was \$19.95. Excellent value in cartridge featuring special retractable stylus. May be used with most turntables. Boasts $15^{\circ}$, $.0007^{\circ}$ conical-tip diamond stylus. Response $20-20,000 \mathrm{~Hz}$. Tracks from $11 / 2$ to 3 grams. Shpg. wt., $60 \%$ 1353820 S

## Big value Stereo Cartridge

Model M7 N21D. W'a.s $\$ 17.9{ }^{\circ}$. Top performance and dependability at a low price. Features .0007" conical-tip diamond stylus. Response $20-20,000$ Hz . Compliance $9 \times 10^{-6} \mathrm{~cm} /$ dyne. Steren channel separation, 20 dB Tracks from 1 to $21 / 2$ grams. 13 S 3915 S. Shpg. wt., 3 oz.
9.95

## Deluxe Stereo Cartridge

Model M32E. Was \$17.50. New low price for superb elliptical-stylus stereo cartridge. Ideal for good performance manual and automatic turntables. $15^{\circ}, .0004 \times .0007^{\circ}$ diamond stylus. Response, $20-17,000 \mathrm{~Hz}$. Separation, 20 dB. Tracks 2 to 5 grams. Wt., 3 oz. 13 S 3879 S
16.50


Cut ${ }^{5} 10.009^{95}$


Cut
$\$ 1.00$
1650


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## Save ${ }^{5} 31.95 \quad 8950$ <br> $\$ 5$ monthly*

## BSR McDonaild 500A Automatic Turntable Package

Separately, $\$ 89.45$. Package includes: BSR 500A 4-speed Turntable, PB-2 Plastic Base, DC-2 Dust Cover and Shure M44-7 conical-tip stereo Cartridge. Automatic turntable has full-size precision-balanced platter. Balanced lowmass aluminum tone arm. Spring suspension platter system protects against acoustic feedback. Flawless tracking adjustments from 0 to 6 grams. 131/8×111/4". AC. England. 13 S 3196 X. Shpg. wt., 18 lbs.
69.50 13 S 3198 X. BSR 500 A Turntable Alone. Wt., 12 lbs.
.59 .50

## BSR McDonaid 600A Automatic Turntable Package

Separately, $\$ 121.45$. Package includes: BSR 600A 4-speed Turntable, PB-1 Plastic Base. DC-3 Dust Cover and Shure M44E elliptical-stylus stereo Cartridge. Antomatic turntable offers cuing and pause control. Perfectly counterbalanced low-mass tubular aluminum pickup arm. Adjustable anti-skate compensation. Full-size heavy cast turntable platter. $13{ }^{4} \times 8 \times 11^{\prime \prime} \mathbf{4}^{\prime}$. AC. England.


## Save

up to s 39.95


$\mid 1900$
New! JVC Automatic Tumtable with 8-Track Stereo Player

Model 6102. Exciting new automatic 4 -speed stereo turatable combined with a quality 8 -track stereo cartridge player in one compact unit for ultimate component versatility. You can play up to 6 records on its 11 -inch platter or switch over and get the same excellent quality from 8 -track player. Dynamically balanced tonearm with stereo cartridge and diamond stylus that tracks as low as 3.5 grains. With dust cover. $171 / 4 \times 9 \times 133 / 4{ }^{*}$. AC. Japan.
13 s 3184 U. Shpg. wt., 24 lbs.................... 119.00

## 780

 Superb manual turntable, the choice of audio enthusiasts the world over, plus a great elliptical-stylus stereo cartridge at a low money-saving price. Belt drive $331 / 3,45$ rpm. Outfit consists of "XA" turntable, accessories, walnut base, dust cover. $51 / 4 \times 168 / 4 \times 121 / 2^{N}$. AC. 13 S 0225 D2U. With Reg. $\$ 29.95$ Empire 808 E Elliptical-Stylus Cartridge. Save \$29.94. Shpg. wt., 20 lbs............. 78.01 13 S 0226 D2U. With Reg. $\$ 49.95$ Empire 888 TE Super-Ellipti-cal-Stylus Cartridge. Save $\$ 39.95$88.00


## (A) Empire manual Turntable Package

Model 498C. Separately, $\$ 184.90$. Great offer! High quality manual furntable with multifloating suspension for utmost stability. 3313 , 45 and 78 rpm speeds. Chrome finish, walnut base. $16 \times 13^{3}+7^{1} 2^{4}$. With Empire deluxe 999 VE elliptical-stylus stereo cartridge. AC.

## (B) Deluxe Empire Turntable Package

Model 398A-G. Separately, s214.90. Superb quality manual turntable features massive 6-1b. balanced aluminum platter driven by hysteresissynchronous motor at precise $33 \frac{1}{3}, 45$ and 78 rpm speeds. Empire 999 VE has $.0002 \times .0007$ elliptical diamond stylus. $71 / 2 \times 17 \times 15^{\circ}$. AC 1350418 DU . Shpg. wt., 28 libs.
169.90 13 S 2257 U. 398A-G Turntable Alone.

## Save on popular Automatic Turntable Packages



## Dual's best Automatic Turntable Package

Dual 1219 3-speed Automatic Turntable . . . . . . . . . . $\$ 175.00$
WB19 Walnut Wood Base . . . . . . . . . . . . . . . . . . . . . 14.95
DC9 Molded Plastic Dust Cover....... . . . . . . . . . . . . 12.95
Empire 888VE Elliptical-Stylus Stereo Cartridge...... 59.95
SEPARATELY $\quad \overline{\$ 262.85}$
Outfit Price
YOU SAVE
209.50

## Save $553.35 \quad 20950$

Tracks as low as $1 / 2$ gram. Synchronous/hi-torque motor. $331 / 3,45$ and 78 rpm . Has pitch control, damped cuing, stylus force gauge and antiskate. Size, $14^{18} /{ }^{1} \times 121 / 8^{\circ}$. With wood basé, dust cover. Empire 888VE elliptical-stylus cartridge. AC. Imported. 13 S 0221 D3U. Shpg. wt., 27 lbs.
209.50


Miracord's best Automatic Turntable Package
Miracord PW 50H 4 -speed Automatic Turntable .. $\$ 169.50$
RB-5 Molded Plastic Base. ............ . . . . . . . . . . 5.95
DCI Molded Plastic Dust Cover................... . . 4.95
Empire 888VE Elliptical-Stylus Stereo Cartridge. . 59.95

| SEPARATELY | $\$ 240.35$ |
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| Ouffil Price | $\mathbf{1 7 9 . 9 5}$ |
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## Save s60.40 $\quad 179^{95}$

Manual, semi-automatic or automatic operation. 1/2gram tracking. Pabst hysteresis-synchronous motor.
 above, $3{ }^{3}$ " below, $2^{2}$ to right of mitg. brd. With base, dust cover. Empire 888 VE cartridge. AC. Imported. 13 S 0222 D3U. Shpg. wt., 26 lbs.
179.95


## Deluxe Dual Automatic Turntable Ouffit

Dual 1209 3-speed Automatic Turntable. . . . . . . . . . . $\$ 129.50$
WB93 Deluxe Walnut Wood Base.................. 12.95
DC2 Molded Plastic Dust Cover. . . . . . . . . . . . . . . . . . . 10.95
Empire 888TE Elliptical-Stylus Stereo Cartridge....... $\quad 49.95$

| SEPARATELY | $\$ 203.35$ |
| :--- | ---: |
| Outfil Price | $\mathbf{1 5 9 . 9 5}$ |
| YOU SAVE | $\$ 43.40$ |

## Save s $43.40 \quad 15995$

Has synchronous/hi-torque motor, damped cuing, pitch control antiskate and stylus force gauges. Tracks as low as $1 / 2$ gram. Manual or automatic play at $331 / 3,45$ or $78 \mathrm{rpm} .127 / 8 \times 10^{3} 4^{4}$. With base, styrene plastic dust cover, and Empire 888 TE stereo cartridge. AC. Imported.
13 S 0217 D3U. Shpg. wt., 23 lbs.
159.95


## Save ${ }^{5} 35.40 \quad 9995$

Pushbutton operation, damped cuing, balanced pickup arm. Balanced 4-pole motor, pressure-formed turntable platter. $133 / 8 \times 115 /{ }^{*}$. Base, dust cover, cartridge. AC. 13 S 3147 U. Imported. Shpg. wt., 23 lbs............ 99.95
13 S 3148 U .620 B Turntable Alone. 14 lbs............. 99.50
13 S 3824 S. ST244 Cartridge Alone. 3 oz............ 24.95

# Save ${ }^{5} 57.85$ on Allied Turntable Packages 



Finest Allied 4-speed Automatic Turntable Package assures superb record performances

Model 929 Package. Separately, \$127.80. Everything about this amazing turntable offer is certain to please even the most eritical listener, especially the low price! Includes: Allied 929 four-speed Automatic Turntable, Base, Dust Cover and Empire 888E-II elliptical-stylus Stereo Cartridge. Automatic turntable features dynamically balanced low-mass tubular pickup arm, adjustable stylus pressure and anti-skating compensation to assure superb performance of your records at any speed. Precise cuing and
pause control. "Pop" filter, muting. With 2 spindles for manual or automatic play. $131 / 8 \times 8 \times 111 / 4^{\prime \prime}$. AC. England. 14 S 0412 L2U. Model 929 Package. Wt., 20 lbs. .69 .95 14 S 5429 U. 929 Turntable Alone. Wt., 11 Ibs.. 69.95
1455472 X. Ebony-Black Base Alone. Wt., 3 lbs. ..... 7.95
1455453 X. Styrene Dust Cover Alone. 5 Ibs. ..... 4.95
1455614 X. Mounting Board. Wt., 2 Ibs.. ..... 1.95
$1455454.45-\mathrm{rpm}$ Automatic Spindle. Wt., 12 oz... ..... 1.69

Stereo Turntable Package includes


Allied 9194 -speed Automatic Turntable..... $\$ 49.95$
Ebony-Black Plastic Base................... . . . 7.95
Molded Styrene Dust Cover . . . . . . . . . . . . . . . 4.95
Empire 888E-ll Elliptical Stereo Cartridgo.... 44.95 SEPARATELY $\$ 107.80$ Package Price YOU SAVE

## Save ${ }^{57} 57.85 \quad 49^{95}$

## Deluxe Allied 4-speed Automatic Turntable Package plays all your favorite records

Model 919 Package. Separately, 8107.80. Deluxe package includes: Allied 919 four-speed Automatic Turntable. Base, Dust Cover and Empire 888E-II elliptical-stylus Stereo Cartridge. Turntable plays single records manually, or stack of records automatically. Automatic intermix of different-size records. Has low-mass tubular aluminum pickup arm counter-balanced on friction-free ball bearings. Accurate cuing and pause control. Powerful 4-pole motor is resiliently mounted. Anti-skate control assures flawless
tracking. "Pop" filter, muting. Clip-in cartridge holder. With two spindles. $131 / 8 \times 8 \times 1114^{\prime \prime}$. AC. England.
14 S 0413 L2X. Model 919 Package. Wt., 18 lbs. ..... 49.95
14 S 5459 X. 919 Tumtable Alone. Wt., $91 / 2$ Ibs... ..... 49.95
14 S 5472 X . Ebony-Black Base Alone. 3 lbs... ..... 7 .95
14 S 5453 X. Styrene Dust Cover Alone. 5 Ibs. ..... 4 .95
14 S 5614 X. Mounting Board. Wt., 2 lbs... ..... 1.95
14 S $5454.45-\mathrm{rpm}$ Automatic Spindle. Wt., 12 oz ..... 1.95
1.69

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## 15-record Stereo Package 1495 is an instant LP library 14

Five 3-record sets of delightful music! Great Country/Western on We Can Never Forget with Hank Williams, Jim Reeves and Red Foley. Bright Latin beat on The Band I Heard in Tiajuana. Ken Griffin plays Hammond Organ Favorites like Days of Wind and Roses and Laurence of Arabia. All-Time Favorites-orchestral arrangements of Greensleeves; Thenc from Swan Lake; Wine, Women and Song: more. Hits of To-day-orchestral arrangements of La Bomba; MacArthur Park; Guanianamera; more. 13 5 2117 EX. Wt., 8 lbs...... 15 -Record Set 14.95



Five-record Stereo Sound Effects Library Cut 10\%


Was $\$ 9.95$. Exotic sounds of surf, ocean liners, jet engines, percussion instruments, tropical birds, roaring lions and over a hundred others recorded in stereo for exciting listening. Great for special effects in home movies, sound tracks or editing into tapes.
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1352028 EX. Shpg. wt., 4 lbs.
5-Record Set 3.50

## Truditional Guitar and Folk Music 695

4-record set features Glen Campbell, Mason Willianis and James McGuinn. Recorded in stereo. With Nashville Blues Ramble, Cotton Fields, Rambling On, others. 13 S 2118 EX. Wt., 4 lbs........ 6.95


Organ Hits by George Wright now cut $10 \%$ $14^{28}$
Was 815.88 . Enjoy an "Organ Spectacular" performed in powerful, exciting stereo. Includes: The George Wripht Sound; Showtime; The Roaring 20's; George Wrioht Plays the Mighty Wurlizzer Organ; Have Organ Will Travel; Command Performance; plus four others. 13 S 2022 EX. Shpg. wt., 5 lbs..

10-Record Set 14.28

Set up your hi-fi system and enjoy great entertainment! Five LP records include spectacular sound effects, percussion instruments, powerful classical music, big-band music, original film sound tracks.
13 S 3215 EX. Shpg. wt., 4 lbs...
5-Record Set 7.79


Was 99.95 . Beethoven's masterpieces on seven $12^{\prime \prime}$ deluxe stereo LP's bring you over $31 / 2$ hours of some of the finest

## $\begin{aligned} & \text { Hi-fi Demonstration } \\ & \text { and Yest Records }\end{aligned}, 95$

Bargain for the novice or experimenter. Four-record set tests stereo separation, frequency response and dynamic range of your home music system.
1352119 EX. Wt., 2 lbs..
4.95
 music ever written. Performed by the Vienna State Opera Orchestra, conducted by several noted artists. An indispensable addition to your music library.
13 S 3214 EX. Shpg. wt., 5 lbs............ 7-Record Set 8.95


## 10 -record Set of

 great composers 995Thrill to the timeless beauty of Mozart's symphonies, Tchaikowsky's ballet and piano concertos, Bach's fugues and piano concertos, vibrant orchestrations by Brahms, Schubert and Hadyn. All recorded in breathtaking stereo. A fine selection of marvelous classics. 13 S 2121 EX. Shpg. wt., 7 lbs..

10-Record Set 9.95

## Our best Allied ${ }^{\circ}$ Speaker System Never Priced Lower! Now only $\$ 6$ monthly*



## Giant $15^{\prime \prime}$ woofer, midrange horn and dome radiator tweeter in a smart walnut cabinet for use on shelf or floor

Offers stereo sound reproduction of unbelievable purity, and
brings music-hall realism right info your home.. this
superb speaker system gives you a new listening experience
Model 2385. Buy now and get this amazing speaker-system value while the sale lasts! Features three matched hi-f speakers and precision-engineered enclosure with luxurious walnut-veneer finish and handsome sculptured moldings. Powerful $15^{\prime \prime}$ woofer has cloth-roll suspension for high compliance and long cone excursions necessary for powerful bass that you can actually feel. Giant $5 \frac{1}{4}-1 \mathrm{~b}$. maguet structure and $11 / 2^{*}$ voice coil assure distortion-free bass down to 20 Hz . . covers even the lowest pipe-organ frequencies.
Die-cast, horn-loaded compression-type midrange speaker features large magnet structure and $1^{*}$ voice coil. Provides high efficiency and clear-as-a-bell midrange from 2000 to $10,000 \mathrm{~Hz}$. Wide-dispersion dome radiator tweeter delivers brilliant treble from $10,000 \mathrm{~Hz}$ to beyond the audio range. Built-in electrical crossover network divides the audio spectrum at 1000 and 8000 Hz . Tweeter and midrange controls on rear of cabinet.
Solid $3 / 4$ " hardwood enclosure has handsone walnut-veneer finish on all four sides and stylish sculptured moldings. Fiberglass insulation prevents annoying resonances. Tastefully accented grille cloth blends with almost any decorating scheme. Can be placed horizontally on bookshelf or vertically on floor with flush-grooved satin black base included. Carefully handcrafted for lasting beauty. Power capacity, 100 watts peak. 8 ohms. $301 / 4 \times 201 / 2 \times 14^{\prime \prime}$. $20 \$ 9715$ Z. Shpg. wt. 70 lbs.

## Deluxe Allied/Koss Stereo Headphones

 Cut $\$ 15.0034^{95}{ }_{\text {monthy* }}^{\text {s. }}$Allied/Koss PRO-5. Was 849.95. Order now while this sensational offer lasts! Save $30 \%$ on one of the finest stereo headsets available. Enjoy full-fidelity stereo realism of the biggest orchestra or highest amplified rock in complete privacy. Allows you to hear the full audio spectrum- $20-20,000 \mathrm{~Hz}$ with amazing clarity and brilliance. Fluid-filled air-cushions are extra soft for long-time listening pleasure. Adjustable padded headband gives you a comfortable airtight fit. Heavyduty, shatterproof construction. Impedance, $4-16 \mathrm{ohms}$. With 10 -foot coiled cord and standard $1 / 4^{\circ}$ plug. 20 S 9705 . Shpg. wt., 2 lbs..
34.95


## Take advantage of these great Headphone values


$\$ 5$ monthly*
Model H886. Was $\$ 39.95$. Order now for big 32\% savings. Separate woofer and tweeter in each earphone give full-range stereo realism. Separate volume and tone controls on each earphone. Highly compliant earseals, for comfortable airtight fit. Impedance, $8-16$ ohms. $5-\mathrm{ft}$. coiled cord extends to $16-\mathrm{ft}$. Standard $1 / 4$ "phone plug. From Japan. 20 S 9710 . Shpg. wt., $18 / 4$ lbs.


Model KO-727. Last low sale price was 822.00. Drive up to 60 watts per channel into these headphones for dynamic yet personal stereo high-fidelity. Matches any system with 4,8 or 16 ohms output. Foam-filled earcushions remove for easy cleaning. Adjustable headband. Response, $40-15,000 \mathrm{~Hz}$. Distortion, less than $1 \%$. With $10-\mathrm{ft}$. coiled cord and plug. 20 S 8019. Shpg. wt., 2 lbs.
19.95


## Headphones switch to stereo or mono

Was $\$ 24.95$. Now you can get these fine headphones at big half-price savings. Stereo/mono switch lets you match sound source for best response. Each ear-cup has specially calibrated volume/balance control. Full audio range response. Leatherette headband and earcushions are very soft. With $10-\mathrm{ft}$. coiled cord. Impedance, 8-16 ohms. Japan.
$20 \times 8020$. Shpg. wt., 2 lbs.
12.47


Sennheiser "Open-Aire" Headphones $29^{95}$
$\$ 5$ monthly*

Model HD-414. Hear phone, doorbell or baby crying while you listen to life-like stereo. Unique design delivers sound through earpieces as well as through the air around you. Very soft foam rubber cushions. Impedance, 2000 ohms per channel-matches high or low impedance outputs. $20-20,000 \mathrm{~Hz}$. Stereo plug and $10^{\prime}$ cord. Imported.
20 S 8040 . Shpg. wt., $11 / 2 \mathrm{lbs}$.
29.95
MANUFACTURER'S CLOSEOUT

## Get two Utah 12" Speaker Systems for $90^{95}$

## One <br> System

$\$ 5$ monthly*

Two
Systems

## 12-inch 3-way speaker system with acoustic-suspension for great bass

- Big $12^{\prime \prime}$ high-compliance woofer for dynamic bass
- $8^{\prime \prime}$ direct radiator midrange gives life-like sound
- Precision $31 / 2^{\prime \prime}$ tweeter disperses brilliant highs
- Level control to adjust treble to room acoustics

Model WD.90. Hurry . . special low closeout price! Order now and get two great Utah speaker systems for only \$90.95. Your stereo will sound its best with this top-quality system designed to satisfy the critical listener. Big $12^{\prime \prime}$ woofer features acoustic-suspension design to give deep mellow bass all the way down to 35 Hz . High-compliance and cloth-roll surround give peak free response and allow easy movement of the cone for high efficiency. Powerful magnet structure coupled to a big $11 / 2^{*}$ copper voice coil easily handles those punishing lows often found in classical or popular music.
$8^{\prime \prime}$ cone speaker gives great reproduction of the important midrange frequencies for additional realism. $31 / 2^{\prime \prime}$ cone tweeter disperses clean sparkling highs up to $18,000 \mathrm{~Hz}$. Rear mounted tweeter balance control lets you adjust treble to room acoustics and personal tastes.
Electrical crossovers at 2200 and 5000 Hz divide frequency response so that each note realizes maximum potential. 30 -watt capacity and 60 -watt peak power rating handle the most demanding orchestral crescendos or highest amplified rock. Sturdy 3/4" wood enclosure has handsome walnut veneer finish to complement any decor. Matching custom-woven acoustically transparent grille cloth. Siré, $14 \times 23 \times 10^{\prime \prime}$. Impedance, 8 ohms.
2057061 U. One System. Shpg. wt., 33 lbs.
Two Systems. Shpg. wt., 66 llis.. ................................ 90.95

# Acoustic-suspension Speaker Systems by AR wnc. 


#### Abstract

AR two-way $8^{\prime \prime}$ System Model AR-4X. This speaker system gives big speaker sound from a handy compact bookshelf size. Potent $8^{\prime \prime}$ woofer delivers rich natural bass further enhanced by acoustic-suspension design. Specially designed tweeter delivers pure smooth treble. Tweeter level control to match room acoustics and personal tastes. Electronic L-C crossover network at 1200 Hz . Requires amplifier rated at least 15 watts per channel. Impedance, $S$ ohms. Size, $10 \times 19 \times 9^{\prime \prime}$. Shpg. wit., 22 lbs. 20 S 7629 U. Oiled Walnut 56.70

20 S 7628 U. Ready-to-Finish Pine. 51.30


## Fine AR three-way 10 " System

Model AR-2AX. $10^{*}$ acoustic-suspension woofer with big $31 / 4-\mathrm{lb}$. magnet assembly gives great bass realism. Tweeter and midrange level controls let you adjust $31 / 2^{\prime \prime}$ midrange speaker and $18 / 8^{\prime \prime}$ dome-type super-tweeter to match your personal tastes and room acoustics. I-C crossovers at 2000 and 7500 Hz . Response, $42-20,000$ Hz. Requires amplifier rated at least 20 watts per channel. Impedance, 8 ohms. $131 / 2 \times 24 \times 11^{1} 2^{\prime \prime}$. Optional floor base below. Shpg. wt., 43 lbs. 20 S 7046 U. Oiled Walnut Finish.......... 115.20 20 S 7044 U. Natural Birch .............. . . . 109.80 20 S 7047 U. Ready-to-Finish Pine.......... 98.10


## Value Priced

5em $98^{10}$ Pine

## Deluxe AR three-way 10" System

Model AR-5. Compact system fits almost anywhere to give great wide-range sound. Basically the same system as the famous AR-3A but with $10^{\prime \prime}$ acoustic-suspension woofer that offers uniform and extended low-frequency, response. Precision $11 / 3^{\prime \prime}$ dome midrange and $3 / 4$ " tweeter. Independent midrange and level controls. Requires amplifier rated at least 20 -watts per channel. Impedance, 8 ohms. $131 / 2 \times 24 \times 111 / 2^{\prime \prime}$. Optional floor base below. Shipg. wt., 39 lbs. 20 S 7224 U. Oiled Walnut Finish
157.50 20 S 7225 U. Nafural Birch
151.20

20 S 7227 U. Ready-to-Finish Pine ........... 140.40


## AR's finest 3-way $12^{\prime \prime}$ System

Model AR-3o. $12^{\prime \prime}$ woofer with acoustic suspension design gives tremendous bass down to 32 Hz. Crucial middle notes come out lifelike through $11 / 2^{*}$ midrange while $3 / 4^{\circ}$ dome radiator tweeter disperses crisp clean trehle up to 20,000 Hz . Requires amplifier rated at least 25 watts per channel. Imp., 4 ohms. $14 \times 25 \times 113 / 8^{\prime \prime} .553 / 4$ Ibs. Optional floor base below.
20 S 7042 Z. Oiled Walnut Finish
225.00

20 S 7041 Z. Natural Birch................... 216.00 20 S 7040 Z. Ready-to-Finish Pine. ...... 202.50 20 S 8015 X . Walnut Floor Base. For all except AR-4X. $11 \times 14 \frac{1}{2} \times 13^{\prime \prime}$. Wt., $33 / 4 \mathrm{Hs}$.
7.50

## EMPIRE 12" three-way Speaker System

Madel 8000 P. Buy now . special closeout price! Omnidirectional design radiates sound in 3609 pattern. . two of these beautiful systems will give you full stereo realism in every part of the room. Downward facing $12^{\circ}$ woofer has massive $18-\mathrm{lb}$. magnet structure and oversize 4" voice coil to give room shaking bass down to 25 Hz . Acoustic lens with direct-radiator midrange gives precision clarity to the vital middle notes. Ultrasonic tweeter disperses exciting highs up, to $20,000 \mathrm{~Hz}$ clearly and evenly. 100 -watt capacity for powerful undistorted "big band" or "heavy beat" sound. Satin walnut finish with imported marble top complements any decor. Impedance, 8 ohms. $16^{\circ}$ dia. by $29^{\circ}$ high.
20 S 7285 Z. Shpg. wt., 85 lbs.
149.95


## Save ${ }^{s} 40.00$ in pairs

## tach 4995 <br> \$5 monthly* <br> In 2995 <br> pairs $\$ 5$ monthiy*

# Allied 3-way 10" System with acoustic suspension 

40-watt-peak-power . . quality designed acoustic-suspension construction for ultro-smooth bass down to 35 Hz

Model 3015C. Separately $\$ 99.90$. Spectacular value offers two Allied 3 -way $10^{\circ}$ systems at a whopping $\$ 40.00$ savings! Enjoy the full, natural sound of acoustic-suspension design. Big $10^{\prime \prime}$ woofer with massive 2 -pound magnet structure, cloth roll surround for bass down to $35 \mathrm{~Hz}_{2}$. A $5^{\prime \prime}$ speaker provides clear, wide-dispersed mid-range. $31 / 2^{3}$ tweeter delivers clean, sparkling treble for crisp highs and realistic stereo. Crossover network divides the audio range between 2000 and 4500 Hz for smooth reproduction. Responise: $35-17,000 \mathrm{~Hz}$. Power capacity: 20 watts, 40 watts peak. Impedance: 8 ohms. Handsome oiled walnut veneer enclosure. Size, $12 \times 20 \times 71 / 2^{\prime \prime}$. Shpg. wt., 19 lbs.

# Price slashed on Allied threeway $12^{\prime \prime}$ Speaker System Kit Cut ${ }^{\text {s }} 15.07$ <br>  <br> \$5 monthly* 

Top value . . Best Allied bookshelf ocoustic-suspension Speaker System

Model 2370K. W'as 899.95 . Our finest Allied 12* speaker system kit now at this special low sale price! Heavy-duty $12^{\prime \prime}$ acoustic-suspension woofer pours out deep bass as low as 20 Hz . Compressiontype midrange with diffraction horn delivers realistic mid frequencies. High-frequency tweeter, also with diffraction horn, for extra-wide dispersion. Two level controls at rear of enclosure permit easy adjustment of midrange and tweeter volume. 20-20,000 Hz . Capacity, 35 watts. 8 ohms. Includes everything for easy assembly with just a screwdriver. All parts, fnishing oil, instructions. $14 \times 25 \times 13^{\circ}$.
20 S 9729 Z. Shpg. wt., 50 lbs.
84.88

## Specially priced outdoor hi-fi Speakers

Utah HFOD 8A. Was $\$ 13.95$. Add this outdoor speaker to your stereo system at low cost. Listen to highfidelity music as you relax or play out of doors, in any kind of weather. Two-way $8^{\prime \prime}$ speaker in weatherproof, drawn steel green cabinet. Volume control. Response: $35-19,000 \mathrm{~Hz}$. Capacity: 15 watts. Impedance: 8 ohms. Iucludes 25 -foot cable. Size, $107 / 8 \times 107 / 8 \times 53 / 8^{\prime \prime}$. Shpg. wt., 7 lhs. 20 S 8448 X .

Electro-Voice Sonocaster 1. Was \$29.50. Fill your backyard or patio with beautiful music from your stereo system. Features radax coaxial $8^{\prime \prime}$ speaker. Efficient unit can be driven by very low-power amplifiers. Rugged plastic case. Includes handle retaining dip for fast mounting. Response: $70-$ $13,000 \mathrm{~Hz} .30$ watts peak power. Impedance, 8 ohms. Size, $168 / 4 \times 17 \times 57 / 8^{8}$. Shpg. wt., 7 lbs.
20 S 7237 X.
18.50

## Fisher high-efficiency 3-way 12" System with four speakers Each $\mid 39^{95}{ }_{\text {pairs }}^{\text {In }} \mathbf{9} 9_{\text {Eacat }}^{95}$ <br> $\$ 7$ monthly*

Model XP-7. Save when you buy two! This speaker system features four perfectly matched speakers to bring you exceptional performance across the full audio range. Each speaker has been individually designed for smoothest response with lowest possible distortion. Contains powerful $12^{\prime \prime}$ free-piston highcompliance woofer with big $51 / 2-\mathrm{lb}$. magnet structure for thunderous bass down to 30 Hz without booming. Two $5^{\prime \prime}$ midrange units deliver clear, mellow mid-frequency tones. Soft-dome tweeter easily handles highs to beyond the audio range. Crossovers divide system response at 300 and 2500 Hz . Frequency response, $30-20,000 \mathrm{~Hz}$. Capacity, 50 watts. 8 ohms. Oiled walnut finish. Size, $14 \times 241 / 2 \times 12^{\prime \prime} .47 \mathrm{lbs}$. 20 S 7305 U. One Speaker.

Each 139.95
When you buy twa
Each 99.95



Empire $10^{\prime \prime}$ 3-way floor-type System

4095
$\$ 5$ monthly*

Unique design solves placement problems. . delivers music to every corner of the room

Model 6000 W . A superb combination of the latest in realistic sound reproduction and elegant styling in a floor system. Features a direct radiator midrange and ultra-sonic tweeter both coupled to an acoustic lens for wide-angle dispersion. Heavy magnet $10^{\circ}$ woofer provides smooth bass response down to 30 Hz . Speaker placement is not critical for wide irequency response and correct stereo separation. Response, $30-20,000 \mathrm{~Hz} .8$ ohms. Cspacity, 75 watts. $18^{\prime \prime}$ dia., $2438^{\prime \prime}$ high. Wt., 50 lbs. 20 S 7074 U. Walnus Finish Top.
99.95 20 S 7076 U. Madel 6000 M . As above. but with imported marble top. Shpg. wt., 60 lhs. . . . . . . 109.95


## Deluxe Fisher 3-way 12" Speaker System

Model 2750. Allied exclusive! Deluxe acousticsuspension system specially desioned on Fisher for Allied. Three speakers reproduce the full orchestral range from $30-19,000 \mathrm{H}$. Powerful $12^{*}$ woofer with $11 / 2^{\prime \prime}$ voice coil. Big $53^{\prime \prime}$ midrange with $1^{\prime \prime}$ voice coil. Wide-dispersion $3^{\prime \prime}$ closed-back twecter. Electrical crossovers at 800 and 3500 Hz . Capacity: 60 watts. 8 ohms. Walnut finish. $14 \times 243 / 8 \times 111 / 2^{*}$ 2059740 U. Shpg. wt., 43 lbs..
69.95


## Utah acoustic-suspension 2-way Systems

Model AS-2. Unbeatable value! Order now and get two quality-made Uitah two-way 8 -inch speaker systems for only $\$ 49.95$. Each system features an $8^{\prime \prime}$ woofer with four-layer $1^{\prime \prime}$ voice coil, $31 / 2^{\prime \prime}$ iweeter with 9 " $0_{0}$ voice coil. Response, $40-18,000 \mathrm{~Hz}$. Cross:over at 4500 Hz . Power capacity: 15 watts, 25 watts peak. Impedance, 8 ohms. Handsomely styled $3 / 4$ " walnut veneer cabinet is only $11 \times 18 \times 9^{\prime \prime}$. 20 S 7073 U. Two Systems. Shpg. wt., 44 liss.
49.95

## Prices slashed on Allied ${ }^{\text {² }}$ hi-fi Furniture Kits

## Equipment Cabinet Kit

Cut \$30.00 $89^{95}$

Speaker Enclosure Kit Cut
\$15.00

$29^{95}$


All sections are $17 y^{* \prime}$ wide. $A$ and 0 : $9^{\prime \prime}$ high ( $6^{N}$ above board, $3^{\prime \prime}$ below). $15 \%$ " deep. C: $21 \%$ high, $14 \%$ deep

## Top-loading 3-section Cabinet and Speaker Enclosure Kits

1523K Equipment Cabinet Kit. Was \$119.96. Assembles with just a screwdriver. Full lift top. Separate recorder and turntable compartments. Record compartment has siding doors, holds



All 17k" W. A, C: $214^{\prime \prime} h^{\prime \prime}$ $161_{4}^{\prime \prime}$ d. with adj. shelves. B: $9^{7}$. . ( $66^{\circ}$ above board, $3^{*}$ below), 14\%"d. D: $12 \frac{1 / 2}{} \mathrm{~h}$. $16^{1 / 4} 4$. 200 LP's. Removable motor boards. $2833 \times 575 \% \times 181 / 4^{\prime \prime}$. Predrilled holes, sanded. With walnut finishing oil and custom mounting panels. Shipping note below*. 20 S 9316 ZF. Shpg. wt., 144 lbs
1524 K Speaker Enclosure Kit. Was $\$ 44.95$. Bass-reflex design provides excellent acoustics. Baffles precut for $15^{\prime \prime}$ speakers; adapters for $12^{\prime \prime}$ speakers. $283 / 8 \times 183 / 4 \times 18 \frac{1}{2}{ }^{\prime \prime}$. Grille cloth, walnut finishing oil. Shipping note below*. 20 S 9318 ZF. Shpg. wt., 60 lbs.

Budget-priced 2-section Cabinet and Speaker Enclosure Kits 1510AK Equipment Cabinet Kit. Was $\mathbf{5 7 9 . 9 5}$. Two-section cabinet assembles with just a screwdriver. With oil for walnut finish. $271 / 4 \times 381 / 2 \times 171 / 4$ ". Shipping note below* 20 S 9356 ZF. Shpg. wt., 98 lbs.
1511AK Speaker Enclosure Kis Was 839.95 . Precut for $15^{\prime \prime}$ speakers; with $12^{*}$ speaker adapter. Grille eloth, walnut finishing oil. $271 / 4 \times 181 / 4 \times 171 / 4^{*}$. Shipping note below* 20 S 9357 ZF. Shpg. wt., 55 lhs.

## Closeout purchase-low price on $40^{\prime \prime}$ Record Cabinet!

Ready to assemble
$12^{95}$

Model 315. Drastic low price while 300 last-order today? Smart-looking 3-door record cabinet that's ready to assemble with just a screwdriver. A special Allied closeout purchase makes this fantastic offer possible. Here's ample room for a giant record collection . . holds up to 250 LP 's. Contemporary design with attractive maple veneer finjsh. Size, $16 \times 40 \times 25^{\prime \prime}$.
20 S 9030 X. Shpg. wt., 25 lbs.

Model S-100. Unique speaker system reproduces true stereo sound within a single enclosure. Provides amazing stereo separstion and dispersion. Ideal wherever space is limited. Revolutionary design features a single $8^{\circ}$ speaker and two $5^{\prime \prime}$ widerange speakers. Response, $30-20,000 \mathrm{~Hz}$. Power capacity: 35 watts per channel. Impedance, 8 ohms. Handsome walnut veneer cabinet. $13 \times 213 / 4 \times 1191_{6}$. 20 S 7318 U. Shpg. wt., 32 lbs.................. 112.45


Argos three-way 12" 5 peaker System
Model XL-600. This compact speaker system is a perfect choice for moderately-rriced stereo music enjoyment. Three-way system features a big $12^{\circ}$ woofer for resounding bass down to 35 Hz . Powerful $8^{\circ}$ midrange speaker. Compression horn tweeter for wide dispersion highs. Response, $35-18,000 \mathrm{~Hz}$. Capacity, 50 watts peak. 8 ohms. Attractive $34^{\circ}$ cabinet has oiled walnut finish. $14^{3} / 4 \times 25 \times 9^{\circ}$. 20 S 7360 U. Shpg. wt., 32 lbs.
89.95


## $279^{00}$

## A Rectilinear III 4-way Speaker System

One of the finest systems available. Provides outstanding performance to satisfy the most critical audiophile. This floor system has woofer with 10-1b. magnet structure and a $1^{*}$ cone excursion capability. Midrange mounted in a special fiber sub-enclosure Two tweeters, plus two super-tweeters for ultra crisp highs. Response, $20-22,000 \mathrm{~Hz}$. Requires amplifier rated at least 20 watts per channel. Capacity, 100 watts, 200 peak. Impedance, 8 ohms. Hand rubbed oiled walnut cabinet. $35 \times 18 \times 12^{*}$
20 S 7314 Z. Shpg. wt., 70 lbs..
279.00

## B Scott"Quadrant" omnidirectional System

Specially designerl speaker system reproduces wide range, full-dimensional stereo regardless of room placement. Projects sound over full $360^{\circ}$ area utilizing all four sides of air suspension enclosure. Features two high-compliance $8^{\circ}$ woofers mounted on opposite sides and four $3^{\prime \prime}$ tweeters mounted one to a side. Has tweeter level control. Response, 40$20,000 \mathrm{~Hz}$. Capacity, 80 watts. Requires amplifier rated at least 10 watts per channel. Impedance, 8 ohms. Walnut finish. Size, $22 \times 141 / 4 \times 14 \frac{1}{4}$ 20 S 7366 U. Shpg: wt., 39 lbs.
149.95

- Disperses balanced stereo sound anywhere
- Exclusive sand-filled construction


## eliminates enclosure resonance

Model W80. New design concept bends sound waves into controlled dispersion pattern regardless of speaker placement or room acoustics. Special $10^{\circ}$ reflector disc adjusts to any combination of vertical-to-horizontal angular positiuns. . lets you tailor sound to your individual spacing requirements. Heavy-duty $121 / 2^{\prime \prime}$ woofer has $91 / 2-1 \mathrm{~b}$. magnet assembly. Long-throw cone uses rubber suspension. Sand-filled bass chamber eliminates resonance. Midrange has acoustically isolated $5^{\prime \prime}$ cone. Sub-treble and high treble speakers each have aluminum voice coils, pressure dome diaphragms. Response, 20 Hz to beyond audible range. Capacity, 60 watta. 4-8 ohms. Walnut cabinet, $17 \times 171 / 4 \times 29^{\prime \prime}$. 20 S 7421 Z. Shpg. wt., 85 lbs
246.45


## Wharfedale's

 NewestVariflex $121 / 2^{\prime \prime}$ 4-way
Speaker System
$246^{45}$

$74^{55}$
monthly*

## Presenting thely two-way $10^{\prime \prime}$ System

Model 17. Popular speaker system delivers wide-range sound reproduction at a modest price. Has $10^{\circ}$ woofer and direct-radiator tweeter with level control. 50 watts, 120 watts peak. Impedance: 8 ohms. Oiled walnut cabinet. Size, $231 / 8 x$ $11^{3} / 4 \times 9^{\prime \prime}$. Wt., 29 lbs .
20 \$7138 U.. ........ . . 74.95

## New advanced-design two-way $8^{\prime \prime}$ System

Model 33. Features a new concept in speaker design"Controlled Acoustic Com-pliance"-using an acoustic lens for control of basecone excursion. $8^{\circ}$ woofer, 13/4" tweeter. Requires 10 watts minimum. 60 watts peak. 8 ohms. Oiled walnut. $233 / 8 \times 123 / 4 \times 10^{3} / 6^{\prime \prime} .37$ lhs. 20 S 7091 U....... . . . . 99.95

$159^{95}$ \$8 monthly*


$79^{98}$
$\$ 5$
monthly*

$44^{95} \begin{gathered}\$ 8 \\ \text { monthly* }\end{gathered}$

$49^{95} \begin{gathered}\$ 10 \\ \text { monthly* }\end{gathered}$

# Introducing the newest Fisher Speaker Systems 


(B)
$99^{95}$
$\$ 5$
monthly*

## (A) 2-way 10" System

Model XP-60B. High-compliance freepiston $10^{\circ}$ woofer with $2-1 \mathrm{~b}$. magnet for rich bass. $3^{\prime \prime}$ tweeter provides pure highs and clear midrange. Response, $35-20,000 \mathrm{~Hz} .10-30$ watts. 8 ohms. Walnut finish. $13 \times 23 \times 10^{\prime \prime}$. 20 S 7301 U. Wt., $30 \mathrm{lbs} . . . . . . . .79 .95$

## B 3-way 12" System

Model XP-668. $12^{\prime \prime}$ woofer with $2-1 \mathrm{~b}$. magnet delivers uncolored bass down to 32 Hz . Isolated $5^{\prime \prime}$ midrange. Widedispersion $3^{\prime \prime}$ cone tweeter for crisp highs to $20,000 \mathrm{~Hz} .10-40$ watts. 8 ohms. Walnut. $13916 \times 241 / 8 \times 12^{\circ}$. 20 S 7302 U. Wit., 40 lbs.
c 5-speaker $12^{\prime \prime}$ System
Model XP-7B. Fentures 5 perfectly matched speakers for exceptional performance. Has $12^{\prime \prime}$ woofer with 6 lb. magnet; lower and upper $53 / 4$ midranges; two ${ }^{3}$ " tweeters. 10-50 watts. 8 ohms. Waluut. $241 / 2 \times 14 \times 111 / 8^{\prime \prime}$. $20 \$ 7303$ U. Wt., 47 libs........ 149.95
[0] 15" bookshelf System
Model XP-9C. Four-way system has $15^{\prime \prime}$ woofer with $12-\mathrm{lb}$. magnet; two $5^{\prime \prime}$ midrange speakers; $1 \frac{1}{2} 2^{\circ}$ dome tweeter; $11 /{ }^{\prime \prime}$ dome super tweeter. 3 position treble control. $10-60$ watts. 8 ohms. Walnut. $151 / 4 \times 21^{-1 / 2} \times 13^{\prime \prime}$. $20 \$ 7308 \mathrm{U}$. Wt., 60 Ibs..
199.95

## For greater buying power



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6. YOU ALWAYS KNOW WHERE YOUR ACCOUNT STANDS - Each month you receive a Credit statement showing your purchases, payments, unpaid balance and-most important-the amount of unused credit remaining in your account for Add-On purchases.
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8. SHOPPING IS QUICK AND EASY-You don't have to figure delivery charges. We figure them for you, prepay them, and include them in your Credit statement. (On factory-shipped items, you pay shipping charge when delivered.)

ALLIED

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## TRUCK AND REA EXPRESS SHIPMENTS

See Allied's 1970 Catalog 290 or call your local transportation agent to determine approximate charges. Items with the suffix " U " in Allied's stock no. will usually be shipped Express. Items with suffix "W" or " $Z$ " are usually shipped by truck. Express charges usually include home delivery in cities and towns and; in some cases, to rural areas. Truck


| $\begin{aligned} & \text { WEIGHT } \\ & \text { 1 Lb. \& Not } \\ & \text { Exceeding } \end{aligned}$ | Local | $\begin{aligned} & \text { 1st \& 2nd } \\ & \text { Zone up } \\ & \text { to } 150 \mathrm{mi} \text {. } \end{aligned}$ | $\begin{aligned} & \text { 3rd Zone } \\ & 150 \text { to } \\ & 300 \mathrm{mi} . \end{aligned}$ | 4th Zone 300 to 600 mi. | $\begin{aligned} & \text { 5th Zone } \\ & 600 \text { to } \\ & 1000 \text { mi. } \end{aligned}$ | $\begin{aligned} & \text { 6th Zone } \\ & 1000 \text { to } \\ & 1400 \mathrm{mi} . \end{aligned}$ | $\begin{aligned} & \text { 7th Zone } \\ & 1400 \text { to } \\ & 1800 \mathrm{mi} . \end{aligned}$ | $\begin{aligned} & \text { 8th Zone } \\ & \text { Over } \\ & 1800 \mathrm{~min} . \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | \$0.50 | \$0.60 | \$0.60 | \$0.65 | \$0.70 | \$0.80 | \$0.8.5 | \$090 |
| 3 | . 50 | . 65 | . 70 | . 75 | . 85 | . 95 | 1.05 | 1.15 |
| 4 | . 55 | . 70 | . 75 | . 85 | . 95 | 1.10 | 1.20 | 1.35 |
| 5 | . 55 | . 75 | . 80 | . 90 | 1.05 | 1.25 | 1.40 | 1.60 |
| 6 | . 55 | . 80 | . 90 | 1.00 | 1.15 | 1.40 | 1.55 | 1.75 |
| 7 | . 60 | . 90 | . 95 | 1.10 | 1.30 | 1.50 | 1.75 | 1.95 |
| 8 | . 60 | . 95 | 1.00 | 1.15 | 1.40 | 1.65 | 1.90 | 2.15 |
| 9 | . 85 | 1.00 | 1.05 | 1.25 | 1.50 | 1.80 | 2.05 | 2.35 |
| 10 | . 65 | 1.05 | 1.15 | 1.35 | 1.65 | 1.90 | 2.25 | 2.55 |
| 11 | . 65 | 1.10 | 1.20 | 1.40 | 1.75 | 2.00 | 2.40 | 2.75 |
| 12 | . 70 | 1.15 | 1.25 | 1.50 | 1.85 | 2.15 | 2.55 | 2.90 |
| 13 | . 70 | 1.20 | 1.35 | 1.55 | 1.95 | 2.25 | 2.70 | 3.10 |
| 14 | . 75 | 1.25 | 1.40 | 1.65 | 2.05 | 2.40 | 2.85 | 3.25 |
| 15 | . 75 | 1.30 | 1.45 | 1.75 | 2.15 | 2.50 | 3.00 | 3.45 |
| 16 | . 75 | 1.35 | 1.55 | 1.80 | 2.25 | 2.60 | 3.15 | 3.60 |
| 17 | . 80 | 1.40 | 1.60 | 1.90 | 2.35 | 2.75 | 3.30 | 3.80 |
| 18 | . 80 | 1.45 | 1.65 | 1.95 | 2.45 | 2.85 | 3.45 | 4.00 |
| 19 | . 85 | 1.50 | 1.75 | 2.05 | 2.55 | 2.95 | 3.60 | 4.15 |
| 20 | . 85 | 1.55 | 1.80 | 2.10 | 2.65 | 3.10 | 3.75 | 4.35 |
| 21 | . 85 | 1.60 | 1.85 | 2.15 | 2.75 | 3.20 | 3.90 | 4.50 |
| 22 | . 90 | 1.65 | 1.90 | 2.25 | 2.80 | 3.30 | 4.05 | 4.70 |
| 23 | . 90 | 1.70 | 1.95 | 2.30 | 2.90 | 3.40 | 4.20 | 4.85 |
| 24 | . 95 | 1.75 | 2.00 | 2.35 | 3.00 | 3.55 | 4.35 | 5.00 |
| 25 | . 95 | 1.75 | 2.05 | 2.45 | 3.05 | 3.65 | 4.50 | 5.20 |
| 26 | . 95 | 1.80 | 2.05 | 2.50 | 3.15 | 3.75 | 4.65 | 5.35 |
| 27 | 1.00 | 1.85 | 2.10 | 2.55 | 3.25 | 3.90 | 4.80 | 5.55 |
| 28 | 1.00 | 1.90 | 2.15 | 2.60 | 3.35 | 4.00 | 4.90 | 5.70 |
| 29 | 1.05 | 1.90 | 2.20 | 2.70 | 3.40 | 4.10 | 5.05 | 5.90 |
| 30 | 1.05 | 1.95 | 2.25 | 2.75 | 3.50 | 4.20 | 5.20 | 6.05 |
| 31 | 1.05 | 2.00 | 2.30 | 2.80 | 3.60 | 4.35 | 5.35 | 6.25 |
| 32 | 1.10 | 2.05 | 2.35 | 2.90 | 3.65 | 4.45 | 5.50 | 6.40 |
| 33 | 1.10 | 2.10 | 2.40 | 2.95 | 3.75 | 4.55 | 5.65 | 6.55 |
| 34 | 1.15 | 2.10 | 2.45 | 3.00 | 3.85 | 4.65 | 5.75 | 6.75 |
| 35 | 1.15 | 2.15 | 2.50 | 3.05 | 3.95 | 4.80 | 5.90 | 6.90 |
| 36 | 1.15 | 2.20 | 2.55 | 3.15 | 4.00 | 4.90 | 6.05 | 7.10 |
| 37 | 1.20 | 2.25 | 2.60 | 3.20 | 4.10 | 5.00 | 6.20 | 7.25 |
| 38 | 1.20 | 2.25 | 2.65 | 3.25 | 4.20 | 5.10 | 6.35 | 7.40 |
| 39 | 1.25 | 2.30 | 2.70 | 3.35 | 4.25 | 5.25 | 6.45 | 7.60 |
| 40 | 1.25 | 2.35 | 2.75 | 3.40 | 4.35 | 5.35 | 6.60 | 7.75 |

If for any reason you are not satisfied with your purchase, return it to us within 30 days in the original factary cartan and we will exchange it or return your money (less tronsportation charges). Merchandise refurned must not have been abused or altered. This policy daes nat apply to kits. See page 442 in aur Catalog Na. 290 far kit guarantees.

## IMPORTANT

Allied ships your order the best way at lowest cost. Items up to 40 lbs . and otherwise mailable are usually sent Parcel Post. Items not mailable due to fragility, size or weight are generally shipped by truck or REA Express (see below). NOTE: On Credit Fund orders, Allied figures all shipping charges for you and includes them in your statement; on cash orders, remit all shipping charges. You can't send too much-every extra cent is promptly refunded. Include handling charge of 50 if your order is under $\$ 10.00$.

## PARCEL POST RATES AND INSURANCE

PARCEL POST. The post office charges fractions as a full pound. Example: Postage would be for 5 lbs, if the total weight is 4 lbs., 1 oz .
INSURANCE, Parcel Post shipments are insured with a private insurance company for fast, easy adjustments on lost or damaged items. Allow for insurance: $\$ 2.00$ to $\$ 15.00 \ldots . . . . . .204$..... $\$ 50.01$ to $\$ 100.00$ $\$ 15.01$ to $\$ 50.00$ $\$ 150.01$ and Up
$30 \mathrm{e} \quad \$ 100.01$ to $\$ 150.00$

PARCEL POST RATES
To verify your Parcel Pastzone, see 1970 Catalog 290 or contact yaur post office.


Sensational low price on pair of Utah three-way 12" Speakers.: enjoy great stereo hi-fi sound
Model C12PC-3C. Allied's spectacular offer gives you outstanding value two Utah speakers for only \$38.50. Take advantage before exciting offer ends! Wide-range response from $23-20,000 \mathrm{~Hz}$. Excellent choice for upgrading your stereo system, and order a pair for extension speakers for full fidelity sound anywhere in your home.
Woofer has $11 / 4-1 \mathrm{~b}$. ceramic magnet with high-compliance cloth-roll suspension and oversize $11 / 2^{\prime \prime}$-diameter voice coil for reproducing smooth, full bass. Midrange cone imparts pure, rich middle frequencies for amazing "presence." Coaxially mounted compression tweeter with Alnico $V$ magnet produces crystal clear highs. Special tweeter level control lets you adjust treble sound to suit your particular tastes and room acoustics.
Internal dust seal protects precision voice coil gap. Crossover at 1000 and 3500 Hz . Rugged die-cast asymmetrical frame for rigid element aligument. Engineered for easy installation in any enclosure or for custom installation in walls, ceilings and cabinets. Power handling capacity: 45 watts peak. Impedance: 8 ohms. Depth: $511 / 10$-inches. Shpg. wt., 12 Jbs. per speaker.
20 S 8318 X. One Speaker. . . . . . . . . . . . . . . . . . . . . . . . 37.50
Two Speokers. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 38.50


Get two 12" 3-way Speakers for 2850 only 305


Allied is America's headquarters for everything in hi-fi


## Utah 3-way 15" Speaker . . buy a pair for stereo

- 15 -inch woofer delivers bass down to 20 Hz
- Handles a full 45 watts peak power
- Anodized aluminum screen protects tweeter
- Spring-loaded phase-coded terminals

Model DISPXC-3. Don't miss Allied's amazing low price on a pair of these magnificent Utah three-way speakers. An unbeatable value in quality and performance. Superior craftmanship and top-quality components assure clean, natural sound over a wide frequency range. Here's your chance to get a great start on that stereo system and take advantage of this special low sale price. It's a great pair for updating vour existing stereo system, too.

Gigantic 15 -inch woofer with a $17 / 8-1 \mathrm{lb}$. ceramic magnet delivers astonishingly rich and powerful bass response down to 20 Hz without booming. You'll hear every one of those exciting, throbbing lows-so important to today's new sounds in music.

Built-in $4^{\prime \prime}$ tweeter covers the all-important midrange frequencies, and delivers highs up to $18,000 \mathrm{~Hz}$ with sparkling, bell-like clarity. Anodized aluminum screen protects the tweeter from damage. Spring-loaded phase-coded terminals permit fust. easy installation.

Impedance, 8 ohms. 45-watt peak power handling capacity. Mounting depth, $8^{\prime \prime}$. Shpg. wt. per speaker, 12 lbs
20 S 8230 X . One Speaker.
39.95
two Speakers.
40.95

# Speaker bargains for the stereo hi-fi enthusiast 

## © Allied 3-way 12" hi-fi Speaker

Madel 884. Was $\$ 49.9 \overline{5}$. Delivers excellent sound in any good enclosure, ideal for airtight enclosures. Powerful $12^{\prime \prime}$ woofer has cloth-roll surround for free cone travel, massive $17 / 8 \mathrm{lb}$. ring-type ceramic magnet. Compression-type horn tweeter provides wide dispersion of sparkling treble. Axially mounted midrange cone. Internal dust seal: level control. Rigid die-cast frame, color-coded terminals. Response, $23-20,000 \mathrm{~Hz}$. Capacity: 35 watts, 70 watts, peak. 8 ohins. Mtg. Depth, $65 / 8^{\prime \prime}$. 20 S 9733 X. Shpg. wt., $111 / 2 / 8 \mathrm{lbs}$.
38.88

## [b Altec-Lansing two-way $12^{\prime \prime}$ hi-fi Speaker

Model 412D. Was siz. 50 . Special bargain! Price cut a whopping $\$ 23.00$ during this sale. High-performance speaker has Bi -flex multiple-compliance design for wide frequency range. Big 12" woofer brings rich bass down to 30 Hz . Center cone operates independently for thrilling treble. Durable cast aluminum frame. Frequency response, $30-15,000 \mathrm{~Hz}$. Capacity, 30 watts peak. 8 ohms. $5 \frac{5}{8}$ deep. Sale price mi this item ends July 1, 1970.
20 S 8324 X. Shpg. wt., 16 lhs.
49.50

## 6 Utah $15^{\prime \prime}$ acoustic-suspension Woofer

Model V15RXC-5. Wias \$88.95. Superb $15^{\circ}$ acoustic-suspension woofer offers exciting bass response at a low. low price-cut $\$ 5.00$ for this special sale. Features massive $17 / 8-1 \mathrm{l}$. ceramic nagnet and $2^{*}$ voice coil in cloth-roll suspension-provides deep, rich, natural bass from 20 to 2500 Hz . Power handling capacity: 35 watts, 70 watts peak. Impedance. 8 ohms. $6^{1 / 2} 2^{\prime \prime}$ deep.
20 S 8328 X. Shpg. wt., 12 lbs.
23.95

## [0 University three-way $8^{\prime \prime}$ Speaker

Model 308. Was $\$ 29.95$. Now you can save 84.00 off our last low sale price. It's the $8^{\prime \prime}$ version of the famous University 312 , boasting true coaxial construction. Features high-efficiency woofer, multi-element diffusicone midrange section, and compressiondriven, wide-angle reciprocating Gare horn tweeter. Electrical crossover at 5000 Hz . mechanical at 1000 Hz . Response, 30-17,000 Hz. Capacity, 35 watts. 8 ohms. $61 / \mathrm{s}^{\prime \prime}$ deep. 20 S 8011 . Shpg. wt., $71 / 2 \mathrm{lbs} \ldots . . .25 .95$

## Cut

54.00
$25^{95}$

## [6 Miniature $4^{\prime \prime}$ hi-fi Speaker

Separately, 86.95. For ultra-compact speaker syatems, extension or car use. Has cloth-roll suspension and $10-\mathrm{oz}$. ceramic nagnet. Acoustio-suspension design for deep bass. Response: $60-10,000 \mathrm{~Hz}$. Capereity: 30 watts peak. 8 ohms. Shpg. wt. per speaker. 2 lbs.
 Buy thon and save!

## 2058133. <br> Buy a Pair <br> Each 6.95

## Electro-Voice full-range 3-way 15" Speaker

- Large $13 / 4$ - lb. ceramic indox magnet for rich bass
- Adjustable brilliance control for smooth sound

Model 15 TRXB. Was $s \gamma_{4}$. 70 . Great speaker value-price cut $33 \%$ during this sale. Quality three-way design for matnificent sound over the entire audio range. Giant 15; woofer has high-efficiency $13 / 4-16$. ceramic Indox magnet for deep, natural hass. Wide-dispersion horn-type supertweeter for brilliant. thrilling highs. Radax-type midrange cone handles the all-important middle frequencies. Crossovers at 2000 and 3500 Hs. Adjustable brilliance control. Frequency response: $30-20.000 \mathrm{~Hz}$. Peak power: 60 watts. 16 ohms. $9^{*}$ deen.
20 S $8070 X$. Shpg. wt., 18 lhs.


## Prices cut on CB and Business Band Equipment



## Midland 6-channel high-sensitivity mobile CB 2 -way Radio

Cut $\$ 20.00$
$54^{50}$
\$5 monthly*


Courier Port-a-Lab Tester
Cut ${ }^{\$ 5} .0039^{95}$
Was \$44.95. A "must" for your CB or Ham station. Teats significant operating factors, helps assure best performance. Completely portable. Measures SWR, true RF power to 50 watts, modulation percentage, relative field strength. Audibly checks modulation distortion. Can be left in transmission line. Needs no power. $6 \times 8 \times 31 / 2^{\prime \prime}$ 17 S 6532 X. Wt., 5 lbs.

100-watt mobile Amplifier
Cut ${ }^{59.00} 90^{00}$
Courier ML-100. Was 899.00 . Covers $25-$ 50 MHz on $\mathrm{AM}, \mathrm{FM}$ or SSB. 1-15 watt drive required for 100 watt input and up to 60 -watt output. Antenna relay. tuning light. Transistor/tube circuit. Draws less than 2 amps in receive. No internal connections needed. Chromed case. $71 / 4 \times 81 / 2 \times 23 / 4^{\prime \prime}$. For 12 VDC. Illegal on Citizens Band Class D. 17 S 6530 U . Wt., $7 \mathrm{lbs} \ldots . .$.


## 175-watt base Amplifier Cut ${ }^{5} 0.00$ ||900

Courier BL-100, Was $\$ 128.00$. Business band amplifier for $25-54 \mathrm{MHz}$. AM, FM and SSB. 1-15 watt drive input. 60 watts CW, 200 watts PEP on AM. Built-in antenna relay. Semiconductor/tube circuit. Draws 55 watts in standby, No interual connections to transceiver needed. $73 / 8 \times 7 \frac{3}{4} \times 5^{\prime \prime}$. For AC . llegal on Citizens Band Class D . 1756536 U. Wt., 10 lbs.
119.00

# Sensational values in Allied" CB 2-way Radios 



# Save now on the finest...Allied's best 23 -channel 5 -watt base/mobile solid-state Citizens Band Two-Way Radio 


#### Abstract

Model A-2568. Was $\$ 199.95$. Sensational $\$ 50.00$ savings during this sale! Outstanding CB radio operates on 117 VAC from electronically regulated built-in power supply for maximum stability-or from 12 VDC for emergency, mobile or boat use. AC and DC supplies are separately fused. Incorporates the latest advances in solid-state circuitry, with 23 -channel frequency synthesizer-no extra crystals to buy. Two integrated eircuits, in squelch and audio, assure exceptional performance. FET in RF amplifier for pulling in more signals without interference. Dual conversion and ceramic filters pull in only the signals you want-adjacent channel and image rejection is better than 50 dB . Solid-state transmit/receive switching and transmit indicator light, activated by push-to-talk switch. $100 \%$ morlulation capability. Noise blanker and ANL for high intelligibility. S/RF power output meter; built-in $4^{\prime \prime}$ squeaker. Built-in 3-watt PA system needs only ext. speaker. Takes 50 -ohm antenna. Sensitivity, less than $0.75 \mu \mathrm{~V}$ for $10 \mathrm{~dB} S+\mathrm{N} / \mathrm{N} .23$ diodes, 24 transistors, 2 IC's, 1 FET. $41 / 2 \times 11 \times 81 / 3^{\prime \prime}$. With push-to-talk mike, mounting bracket. Japan. 17 S 6965 U. Shpg. wt., 12 lbs.. 149.95


# Cut $\$ 50.00$ $149^{95}$ 

$\$ 8$ monthly*


Cut ${ }^{5} 5.00 \quad 12995$

## Allied compact 23-channel Mobile CB Radio

Model A-2564. Was $\$ 134.95$. Ultra-compact, top quality 2-way radio-cut $\$ 5.00$ off our previous low sale price! Operates on 12 VDC, with 23 -channel frequency synthesizer -no extra crystals needed. FET in front end for low noise, less than $0.75 \mu \mathrm{~V}$ sensitivity for $10 \mathrm{~dB} \mathrm{~S}+\mathrm{N} / \mathrm{N}$. Dual conversion receiver has ceramic filters for selectivity of 6 kHz at -6 dB . IC's in squelch, audio. Noise blanker. ANL, $3^{* *}$ speaker. S/RF meter; speech compression; PA provision. $31 / 4 \times 81 / 2 \times 8^{\prime \prime}$. Push-to-talk mike, mtg. bracket. 1756966 U. Japan. Shpg. wt., 8 lbs..
129.95


## Allied base/mobile 23-channel CB 2-way Radio

Model A-2567. Remarkable value! Great performing 115 VAC/12 VDC CB radio with Range Expander for extra talk-power. Operates on all 23 channels with frequency synthesis circuit-no extra crystals needed. $\overline{5}$-watt transmitter with pi-network to match any antenna; SWR bridge. Dual conversion receiver offers $0.5 \mu \mathrm{~V}$ sensitivity at better than $10 \mathrm{~dB} \mathrm{~S} / \mathrm{N}$ : serves as PA amplifier. $4^{\prime \prime}$ speaker; noise limiter; SWR/Power/S meter. $71 / 2 \times 133 / 8 x$ $51 / 2^{\prime \prime}$. Push-to-talk mike, universal mtg. clips. Tube circuit. 17 S 6435 U. Shpg. wt., 19 lbs........................... 164.95


Deluxe 23-channel mobile model

## Cut ${ }^{5} 25.00 \quad 21495$

Solid-state circuit with speech compressor, plus crystal filter that greatly improves reception

Messenger 323. Was s\$39.95. Special low-price! Gives you fingertip selection of 23 crystal-controlled channels. Crystal filter virtually eliminates adjacent-channel interference. Adjustable squelch. ANL. Speech corppensation. PA facility. 12 VDC. positive or negative ground. $21 / 2 \times 8 \times 91 / 2^{*}$. With ceramic mike, all crystals. FCC Type Accepted. DOT approved. Shpg. wt., 8 lbs.
1756890 U..
214.95

17 S 6471 X. 117 -VAC Power Supply. 5 lbs... . . . 32.95


## Professional 23-channel base/mobile model

 Cut ${ }^{5} 40.00$ 24995Johnson's best model . . has a solidstate circuit with many extras for professional performance
Messenger 124. Was \$289.95. A remarkable value! Built for superior communications on all 23 CB channels. Built-in SWR bridge modulation indicator, S-meter, power output meter. Tone, audio gain and volume controls. Vernier tuning and squelch controls. Crystal filter for super-selectivity. Audio output exceeds 3 watts. Sensitivity is 0.4 $\mu \mathrm{v}$ for a high signal-to-noise ratio. 16 tuned circuits. With all crystals, mike. AC/ 12 VDC. 59 佔 $\times 11 \times 9116^{\circ}$. 17 S 6501 U. Shpg. wt., 10 lbs..
249.95

# Prices cut on Johnson 5-watt CB 2-way Radios 

BUY NOW WHILE PRICES ARE LOW . . ENJOY 2-WAY VOICE CONTACT FROM CAR-TO-HOME OR CAR-TO-CAR . . NO TEST REQUIRED FOR LICENSE



## Compact 6-channel mobile unit

## Cut ${ }^{\top} 15.00 \quad 1144^{95}$

> Advanced solid-sfate circuit has ANL and squelch, built-in PA system, sensitive superhet receiver


## Feature-packed 12-channel mobile unit

## Cut ${ }^{5} 20.00$

$129^{95}$
Solid-state circuit with dual conversion receiver and full $100 \%$ modulation for excellent two-way communications

Messenger III. Was $\$ 149.95$. One of our best values ever! Provides excellent readability-cuts through interference to get your messages through. Deluxe solid-state circuit with up to 12 crystal-controlled transmit and receive channels. Full power $100 \%$ modulated transmitter for maximum-range communications. Adjustable squelch for silent stand-by $23 / 16 \times 6^{3} / 6 \times 8^{3} /{ }^{4}$. With mike and crystals for Chaunel 9. For 12 VDC.

17 S 6500 U. Shpg. wt., 8 Ibs.............. . . . . 129.95

## Save up to ${ }^{\text {s }} 40.00$ on these 23 -channel Midland Citizens Band 2 -way Radios . . all crystals included

 nel CB two-way radio with all these features. Offers dualconversion superbet receiver with mechanical filter for superior selectivity and a top-notch sensitivity of $1 \mu \mathrm{~V}$ at 10 dB S/N. Built-in $31 / 2^{n}$ speaker, external speaker jack. Variable squelch for noise-free standby operation. Transmitter offers 5 -watt input and the talk-power to overcome interference. Double-purpose RF/SWR meter; illuminated channel selector; push on/off switch; PA facility requiring only external speaker. Metal case, $21 / 8 \times 6 \times 81 / 2^{\prime \prime}$. With mounting bracket, power cord, mike, all crystals. 12 VDC. From Japan. 17 S 9721 U. Shpg. wt., $41 / 2$ lbs.......................... . . . . . 99.95

Advanced solid-slate superhet receiver features modern infegrated circuits and mechanical filter for razor-sharp selectivity and excellent sensitivity



# 23-channel CB two-way Radio with built-in digital-readout electric clock 

Was $\$ 214.95$
Now only $169^{95}$
\$9 monthly see poge 98-4

Midiand 13-877. An exciting low sale price on a professional-quality model for base station use. It's ready to use on all 23 channels and has the important extras that give you a stronger, clearer signal and long-life dependability. Even has a built-in easy-readout digital clock for ultimate convenience. Full 5 -watt input gives you the most powerful CB transmitter you can buy. SWR meter reads forward and reflected power, makes it easy for you to check for maximum power into your antenna. Also has RF meter, power, transmit and modulation indicators. Keceiver has field-effect transistors to pull in more stations and eliminate crosstalk. Automatic noise limiter prevents or reduces pulse-type interference. Variable squelch control silences speaker between incoming messages. Delta-tune circuit permits you to tune in stations that may be operatiug slightly off-frequency. Mechanical filters block out interfering stations. All solid-state design, including four integrated circuits, reduces power consumption to insignificance. Metal cabinet. $7 \times 19 \times 11^{\prime \prime}$ deep. Includes tilt-up base for positioning controls for convenience. With push-to-talk mike and all crystals. AC. Japan. 17 S 8703 U. Shpg. wt., 15 lbs..
169.95


Midland 13-872. Was $\$ 149.95$. An outstanding low price for this high-performance model. Compact, for easy installation. Has crystal-controlled transmit/receive on all 23 channels for high frequency stability. Integrated-circuit design for best efficiency. Sensitive dual-conversion superhet receiver pulls in the hard-to-receive stations-delta tuner even brings in off-frequency stations. Transmit, modulation indicators. Handsomely styled vinyl-trimmed woodgrain cabinet, $3 \times 10 \times 12^{*}$. With mike, all erystals. 12 VDC. From Japan. 17 S 6992 U. Shpy. wt., 8 Its.
129.95


Courier 23. Was \$199.00. Never priced lower! This popular 23 -channel two-way radio offers single-knob bandspread tuning: standby, PA, CB switches, antomatic noise limiter for easy, reliable operation. S/RF meter; modulation indicator; automatic volume control. Variable squelch for noise-free standby. Jack for headphones or external speaker. Pi-network matches $30-100$ ohm antenuas. Sensitive superhet receiver for weak-signal reception. Deluxe tube circuit. $5 \times 121 / 2 \times 73 / 4$. With nike, all crystals, mounting bracket. AC/ 12 VDC
17 S 6526 X Shpg. wt., 16 lbs.
179.00

## NEW:

CB mobile 2-way Radio with electronic switching

$1390^{00}$
Noise-limiter and noise-blanker circuits
Courier Traveller II. Solid-state 23-channel twoway radio has full-power transmitter with electronic transmit/receive switching. Sensitive superhet receiver with S-meter and mechanical, ceramic, and LC filters for sharp selectivity and full rejection of adjacent and alternate channels. Squelch for noise-free standby. Handsome chrome and black case, $17 / 8 \times 53 / 4 \times 61 / 4^{\prime \prime}$. Comes complete with mike, crystals for all channels, bracket, cord. 12 VDC
17 S 8704 U. Shpg. wt., 6 lbs.
.139 .00


## Avanti "Moonraker" CB Base Antenna

Patterned after antennas used to pinpoint "moonbounce" signals. Has 14.5 dB gain that sends out signals farther than ordinary antennas gets inessages through where other antennas may fail. Combines $1 / 2$-wave cross-dipole elements with Avanti PDL-design reflector. Switchbox included for selection of vertical or horizontal mode. SWR, 1.2:1. Separation: front-toback, 38 dB ; vertical-to-horizontal, $25 \mathrm{~dB} .15-\mathrm{ft}$. boom. 50 ohms. Withstands $90-\mathrm{mph}$ winds. Made of aircraft-quality seamless aluminum. Rated 1 kw. Sent by truck
17 S 9582 ZW. Shpg. wt., 27 Ibs.
129.95

## $25-50 \mathrm{MHz}$ mobile 170 -watt Power Amplifier

Sonar BR-2906. Puts more power into your signal for increased transmitting range. For use with Business Band two-way radios, but equally efficient for 10 -meter Ham transceivers. Offers $170^{\circ}$ watts of input power; requires only 1-15 watts of driving power. FM, AM, SSB modes. Automatic transmit/receive switching. Input, output inpedances, 50 ohms. Tube and transistor circuit. Aluminum construction. $43 / 4 \times 81 / 4 \times 101 / 4^{\prime \prime}$. With remote power switch, indicator control, brackets. 12 VDC neg. gnd. FCC type accepled. Illegal for Class D Citizens Band.
17 S 9229 U. Shpg. wt., 12 lbs.

## Exclusive Purchase of Manufacturer's Closeout!

## Cut ${ }^{5} 25.00$ $24^{95}$



## Honeywell electronic Thermometer

Weas 549.95 . Save over $50 \%$ on this accurate outdoor-temperature-reading thermometer! We bought Honeywell's entire remaining stock for this sale . . you get precision accuracy at a low, low price. Designed to give years of trouble-free performance and beautifully mounted in a walnut plaque. Outside temperature is obtained by means of a thermistor sensor connected by a $30-\mathrm{ft}$. wire (supplied). Up to 250 ft . of additional wire can be used. $4^{\prime}$ dial. Requires one battery, below. Quanlity Limited!
17 S $8360 \times$. Shpg. wt., 2 lhs.
18 S 5961 . Battery. Shpg. wt., 4 oz............ Pkg. of 2 for 1.12
Walkie-Talkie with call signal

## Cut $33.0013^{50}$

Midland 13-428. Was s16.50. An amazing low price for a 3 -channel model. Adranced solid-state circuit. Superhet receiver boasts two IF stages for positive rejection of adjucent-channel signals. Call Signal alerts other similar units to vour incoming message. On-off switch/volume control. channel selector, push-to-talk switch. Jacks for AC adapter, earphone. Big $214^{*}$ speaker. $44^{\circ}$ telescoping antenna. High-impaet case with metal grille. $53 / 4 \mathrm{x}$ $25 / 8 \times 1^{3} 8$. Comes complete with case, Channel 11 crystals, earphone, battery, Japan.
17 S 9814 S. $1 / 4$ Ibs......... 13.50




## Crystals for Popular CB Equipment and Walkie-Talkies (Save $\mathbf{3 0 \%}$ when you buy in lots of 10 )

Ten-lot price offers savings with ten or more crystals. IChannels May Be Assorted for Quantity Prices. To Order:

Specify Stock No. from Table and Channel 1-23. $30 \%$
1-2....Each 2.50 3-9....Each 1.94 10-Up.... Each 1.75

| Manufacturer and Model | Stock No |  |
| :---: | :---: | :---: |
|  | Transmit | Receive |
| Allstate-see Scara-Rocbuck |  |  |
| Amphenot 510 H | 1756600 Cs | 1756601 CS |
| Ampheaol 600. 625, 650.675 | 17 S 6600 CS | 17 S 9963 CS |
| Amphenol 750. 725 | 1756600 Cs | 17 S 9343 CS |
| B\&K Cobra 5 | 17 S 9394 CS | 1759409 CS |
| Cadre 5011 | 1759394 CS | 1759370 CS |
| Cadre 510. 510A. 515. 520 | 1756600 CS | 1756601 CS |
| Citifone 5A, 6, 7, 11, 94 | 17 S 9371 Cs | 1759372 CS |
| Claricon Centurs | 1759369 Cs | 1759401 CS |
| Courier Agss200 | 17 S 9366 CS | 1759358 CS |
| Courier Fleet. A-58 | 17 S 9354 CS | 1759363 CS |
| Courier TR-5. TR-6 | 17 S 6600 CS | 1759401 CS |
| Courier 12 | 17 S 9366 CS | 1759363 CS |
| Demeo Satelite | 1756604 CS |  |
| Demico Chalet | 17 S 9369 CS | 1759401 |
| Denico Ravelte | 17 S 6604 CS | 1759378 CS |
| Dewald TRIox0, R1050. F1050 | 17 S 9366 Cs | 1759358 Cs |
| E.C.I.-see Course |  |  |
| E. F. Johneon Personal Mresenger | $\mid 17$ S 9353 CS | 175937 |
| E. F. Johnmon Mcssenger I, 11 | 1759352 CS | 1759362 Cs |
| E. F. Johnsan Mensenger 160. 109. 110 | 17 S 9394 CS | 1759401 Cs |
| E. F. Johnton Mexsenger 111 | 1759394 Cs | 17 S9963 cs |
| Eico 770-772. $77{ }^{\circ}$ | 1759371 Cs | 1759356 Cs |
| Eico Sentinel 12. 712 | 17 S 9366 CS | 17 S 9360 Cs |
| Fanon DCL-50, RCB-10, FCB 11. 12. <br> 13. 55. 90. 91. L-1000. L-2000 |  |  |
| Fanon IC-10, IC-1000, IC-3000, IC-5000 | $17 \mathrm{~s} 6600 \mathrm{cs}$ | 1759401 Cs |
| Fanon SFPT-s01 | 1759394 Cs | 1759963 cs |
| General MC1, MC2 MCa | 1759366 CS | 17 S 9363 CS |
| General MC4, MC5. MC6. EM5, EM6 | 17 S 9354 CS | 1759363 Cs |
| General Echo © | 1759369 CS | 17 S 9401 Cs |
| Globe CB10 | 17 S 9366 CS | 17 S 9357 Cs |
| Glolse CB100A | 17 S 9366 CS | 1759363 CS |
| Globe C B200) | 17 \$ 9350 CS | 1759357 cs |
| Hallicrafters CB2, CB3A, CB5A, CB7. |  |  |
| Hallicrafters CB12, CB19, CB21 | 17 S 9352 Cs 17 S 6600 cs |  |
| Hallicrafters CB6 | 17 S 9353 Cs | 17 S 9375 CS |
| Hallicratters CB20 | 17 S 6600 CS | 117 S 6603 CS |
| Heath CB2, GW1O, 11, 12, 22, 32 34, 42. MW30. MW3.2 |  |  |
| Heath G14, GW21, GW52, GRS-65A | 1759353 CS | 1759365 C5 |
| Int'] Executive 50, 100, 100A. 100 C |  |  |
| Rarr Sky Hawk (Cryatal for Trassmit and Receive 17 S 9345 CS) <br> Karr Sky Lark \|l7S 6600 CS|1759345 CS <br> Knight and Knight-Kit-ree table above |  |  |
|  |  |  |
| lafayette HE20, 20A. 20B. 20C. 23.1 |  |  |
|  |  |  |
| 24, 43B. 43C. 65.90 |  |  |
|  |  |  |



## Allied pocketsize Monitor Radios tune in dramatic policepublic service messages

Cut 5.00 $13^{95}$

Model A-2587 for $146-175 \mathrm{MHz}$. Was 515.95 . Buy now at this low price! Solid-state superhet monitor receives local fire, police, utilities, United States Weather Bureau, taxis, plus other dramatic messages. Has 23/4" speaker. built-in swivel antenna, provision for external antenna, earphone jack. $6 \times 3^{5} / x^{\prime} \times 1 / 8^{\prime \prime}$. With 4 "AA" penlight batteries, earphone. Optional accessories below. Japan.
17 S 6977 S. Shpg. wt. 1 lb.
13.95

Model A-2586 for 27.50 MHz . Was $\$ 15.95^{\circ}$. Valuepriced to save vou money! Same as above, but for lower band coverage. Monitors many similartvpe services, but not United States Weather Bureau frequency. Comes complete with 4 "AA" penlight batteries and earphone. Optional accessories below. Japan.
17 S 6978 S. Shpg. wt., 1 lb.
18 S 5083. Extra "AA" Batteries. Wt.. $402 . . .2 / 27$ t


## Solid-state battery/AC FM Monitor with outomatic scanning system

## Cut $\$ 15.00$ <br> 150-174 <br> MHz

Electro BCH. Was \$139.95. Professional quality monitor automatically and continuously scans up to eight crystal-controlled chanuels within a $10-\mathrm{MHz}$ spread. Locks in on the first channel to become active, then resumes scanuing when that channel becomes inactive. Manual selection also. Solid-state, with six integrated circuits sand fieldeffect transistors for greater efficiency and fidelity. Adjustable squelch for quiet standby operation. Built-in telescoping antenna, Motor-ola-type jack for auto or external antenna. Metal case, $4 \times 9 \times 6^{\prime \prime}$. With cables for AC and 12 VDC (negative ground), mobile mounting bracket. Order crystal certificate below.
17 S 9216 U. Shpg. wt., 5 lhs.
124.95

17 S 9215 U. Electra BCU. WVas \$149.95. \$15.00 savings! A bove, tunes $450-470 \mathrm{MHz}, \ldots .134 .95$ 17 S 8195 S. Crystal Certificate. Fill one out for each frequency and mail to manufacturer. Crystal will be sent within 30 days. . . Each 5.00


## NEW!

Two crystal. controlled VHF AM-FM channels plus broadcast band $49^{95}$

Sonar FR-103-S. Compact, sensitive. always ready to use. Solid-state circuit has adjustable squelch to quiet background noise. Built-in battery-condition meter. Telescoping antenna. $57 / 8 x$ $21 / 2 \times 15 / 16^{\prime \prime}$. Comes complete with battery, earphone. Reády to use. Order crystal certificate above, right.
1759848 S. Sbpg. wt., 11 oz... . 49.95

## 150-175 MHz police/public service Monitor Receivers

Home/mobile models for police, fire, ambulance service, civilian defense messages


16995
Compact-installs virtually onywhere
Sonar FR-2513. Turret switch provides 24 crystal-controlled frequency positions. Temperature-compensated noise-free squelch. Solid-state. Builtin speaker with moisture-resistant cone. $25 / 8 \times 67 / 8 \times 81 / 2^{\prime \prime}$. With cables, mounting bracket. AC/12 VDC. Order crystal certificate above, right.
1756015 U. Shpg. wt., $31 / 2$ lbs. 169.95


10995
Aufomatic, manual signal selectión
Sonar FR-2515. Auto scans 8 programed channels, locks on active or priority channel. Lets operator hear mobile callbacks, without loss of information. Solid-state. Temperaturecompensated noise-free squelch. Builtin speaker. $2^{5}$ a $67 \% \times 812^{\circ}$. AC / 12 VDC. Order crystal certificate above, right. 1758364 U. Shjpg. wt., $31 / 2 \mathrm{lbs}$ l 189.95


## Allied police/public service Monitor tunes $\mathbf{3 0 - 5 0}, 152-174 \mathrm{MHz}$

Model A2589. Was 69.95. Buy now at our low sale price! Listen in on local police. fire, civil defense, weather forecasts, and other exciting VHF broadcasts. Has large, easy-to-read slide-rule dial for precise tuning. Dependable solid-state circuit for top jerformance.
Tuned RF and mixer stages provide high sensitivity and station pull-in power. Four IF stages assure sharn selectivity to let you tune out unwanted stations. Automatie Volume Control (AVC) prevents overload or blasting by strong siguals. Squelch circuit eliminates noise between calls. Big 4" speaker. Regulated power supply. Headphone or external-speaker jack. Takes $50-75$ ohm antennas.
Powerful push-pull audio output gives good, solid reproduction. Gray metal case, $57 / 16 \times 117 / 8 \times 73 / 4{ }^{\prime \prime}$. AC. From Japan. 17 S 6980 U. Shipg. wt. 11 Ibs....... 59.95 17 S 6226. Headset, Cord, Plug. 1 Ib... 5.95


## Allied professional 80-10 meter high-performance Ham Receiver

> Model A2516. Was \$169.95. Order while price is cut. Covers all Ham bands between 3.5 and 29.7 MHz , plus frequency-standard signal on 10 MHz . AM. SSB, CW modes. Crystal-controlled first local oscillator and VF(-type second oscillator. VFO has output terminals to allow its use as transmitter VFO.
> Accurate antibacklash double-gear tuning drive; dial reads directly down to $1 \mathrm{kHz} ; 28: 1$ dial-speed ratio makes tuning precise and velvet smooth. Mechanical IF filter gives an excellent $1.5-\mathrm{kHz}_{z}$ bandwidth at $-6 \mathrm{~dB}, 6$ kHz at -60 dB . Sensitivity is $1.5 \mu \mathrm{~V}$ for $10-$ $\mathrm{dBS} / \mathrm{N}$ ratio at 14 MHz . Crystal-controlled BFO for high stability
> Has 8 -ohm speaker output, 500 -ohin headphone output, and 500 -ohm output for recording and RTTY. S-meter; switch for external calibrator, $7 \times 13 \times 10^{\circ}$. AC. From Japan. Speaker, optional headphones below. 17 S 6987 U. Shpg. wt.. 18 lbs.......... 139.95 $1756988 \times .5^{\prime \prime}$ Speaker. 6 lbs........... 19.95 Deluxe Dual Headphones. $5^{\prime}$ cord, $1 / 4^{\prime \prime}$ pluy 1756226 . Shpk. wt.. 1 If .

## Cut $\$ 10.00$ General coverage Shortwave Receiver



## 3995 \$5 monthly*

Midlond $11-500$. Was 8.49.95. Featurepacked communications receiver at a money-saving Allied price. Provides extensive communications coverage on standard AM broadeast band and tharee shortwave bands: 2 to 5 MHz . 4.8 to 11.5 MHz and 11.0 to 30 MHz . You can listen to English or foreign language broadcasts from all over the world including Hams on 80, 40, 20, 15 and 10 meters and Citizens Band. Solid-state circuit comes on instantly. BFO for codle reception. Receive/standhy switch. Headphone jack. $4^{\prime \prime}$ speaker. $53 / 8 \times 12 \times 43 / 4^{\circ}$. AC. 1756686 U. Japan. 5 lbs....... 39.95

## Cut an Extra $\$ 10.00$ Police/Aircraft/SW/AM-FM Radio

 $6 \int^{95} \begin{gathered}\$ 5 \\ \text { monthly* }\end{gathered}$Midland 11-530. Was si $9.90^{\circ}$. Sensational low price for this table-top solidstate communications receiver. Turn it on and tune in the world. You'll hear the sounds of Europe, Asia, Africa; ship-to-shore signals; coast Guard signals, standard FM and AM broadcasts, plus both police/public service bands. Covers $4-12 \mathrm{MHz}$ and $12-22 \mathrm{MHz}$ shortwave; $108-137 \mathrm{MHz}$ VHF aireraft; $30-50 \mathrm{MHz}$ and 144-174 $\mathrm{MHz} V H F$ police/public service. Lighted slide-rule dial and fine tuning control. Built-in $5^{\prime \prime}$ speaker. AFC prevents FM drift. $5 \times 13 \times 8^{\circ}$. AC. Japan. 17 S 6687 U. Wt., 13 lhs.
69.95


Model 10-502. Was \$9.90. Excellent value for aviation enthusiasts. Listenin on lascinating pilot-control-tower communications, etc. on $108-135 \mathrm{MHz}$ VHF aircraft band. Just place next to - $1 . \mathrm{M}$ radio. tune to unused frequency, and listen. Order battery below. 4x 13/16x 19 不". From Japan.
17 \$8500. Shpg. wt., 8 oz.
8.95

8 S 5980. Battery. Use 1.6 oz... $2 / 59 \mathrm{C}$

Model $10-408$. Was \$24.90. Big value in a solid-state dual-band VHF-FM portable. Hear industrial, Land Transportation, police/fire calls in your area. Covers $30-50 \mathrm{MHz}$ and $148-174$ MHz police/public service bands. Four IF stages for plenty of signalpulling power. Earphone, carrying strap, batteries. $31 / 2 \times 7 \times 11 / 2$. Japan. 1759800 s . Wt., 5 lbs.......... 21.95

Hartman Depth Finder 6995


Model DF-303. Completely portable depth sounder locates schools of fish. underwater wrecks, ete. Operates under same principles as Navy's sonar equipment. Indicates depths to 120 feet. Ultra-sensitive integrated circuit. Flashing neon indicator; 20 soundings per second. Beam width, $30^{\circ}$. Use 9 and $1.4-\mathrm{V}$ batteries. $2 \times 5 \times 61^{\prime \prime}$. 17597965 . Wt.. 1 lb .
69.95

# Special values in Digital Clocks, Intercoms and Mikes 

# Caslon digital Alarm Clodks 2995 

\$5 monthly*


Model 701. The latest word in space-age styling. 12-hour digital alarm clock has a noiseless, precision motor for long life and accurate timekeeping. Features alarm that can be set 24 hours ahead and rings a 10 -second-on/50-second-off buzzer until turned off. Available in green, white or gray. $7^{1 / 2} \times 4 \times 3^{1 / 2 "}$. AC. Japan.
17 S 6703 C. Specify Color. Shpg. wt., $21 / 2$ lbs.
29.95

## Caslon digital desk/table Clock $24^{95}$ <br> $\$ 5$ monthly*

Model 201. Uniquely styled digital clock features 400 rpm motor for perfect time and durability. Has a side knob for easy setting. Small neon lamp lights face of clock. Rugged plastic case. Available in black, white or gray. 12hour ( $1: 00-12: 59$ ) . $51 / 2 \times 21 / 2 \times 31 / 2^{\prime \prime}$. AC. Japan.
17 S 8436 C. Specify Color. Wt., 2 lbs.................. . . 24.95
17 S 9451 C. Same, but 24-hr. (0:00-23:59). 2 Ibs..... 24.95

Midland 2-station wireless
Intercom System
Cut ${ }^{5} 2.00$
$17^{95}$
Model 13-221. Was \$19.95. No interstation wiring-just plug units into AC outlets and talk. Offers instant-on solid-state circuit, talk-switch with lock button, volume control, pilot light, speaker. Grey-green plastic cabinets. $13 / 4 \times 37 / 8 \times 51 / 4^{-}$. AC. Japan.
12 S 8258 . Shpg. wt., 2 lbs.


Cut ${ }^{5} 16.88$
$16_{\text {Pair }}^{87}$

## Allied general-purpose Mikes

Model 4525P. Was s33.75. Great half-price offer! Pair of omnidirectional dynamic mikes. Hiimpact Cvcolac(i) chrome-trimined housing. $70-12,000 \mathrm{~Hz} . \mathrm{Hi}-\mathrm{Z} .12-\mathrm{ft}$. cable, desk stand, case.
12 S 7164 . Shpg. wt., 3 lbs. . 16.87


## Cut ${ }^{5} 20.00 \quad$ 299 Pait

## Allied omnidirectional Mikes

Model 3311P. Was $\$ 49.95$. Save on a pair of handsomely-constructed dynamie mikes. Excellent 45$15,000 \mathrm{~Hz}$ response. 10,000 ohms. With cables, stand, velvetine lined carrying case. Japan.
1257155 . Wt., 6 lbs .
.29 .95


## Cut ${ }^{5} \mathbf{2 0 . 0 0}$ <br> $39^{95}$

## Allied cardioid dynamic Mikes

Madel 3310P. Was $5 \mathbf{3 9 . 9 5}$. Special value on a pair of deluxe unidirectional mikes. Cardioid pattern suppresses noises, reverb, feedback. $40-16,000 \mathrm{~Hz} .10,000$ ohms. With cables, stands, mounts, case. 12 S 7158 . Japan. 6 lbs.
39.95

## Midland Phone Amplifier

 $14^{95}$

Model 22-231. Perfect for recording. Low-cost, unidirectional, may be hand-held or used with stand. On-off switch; noise suppressing filters. $50-13,000 \mathrm{~Hz} .600$ or 50 k ohms, switchable. With 20 -ft. cable and stand mount. Japan. 12 S 7038. Wt., $1 \frac{1}{2}$ lbs.
9.95

## Knight-Kit 100-watt Stereo Receiver Kit



## Cut ${ }^{5} 10.00$

$149^{95}$


## *MODULAR CONCEPT

A Knight-Kit exclusive! Modular Concept gives you these Advantages: Simplified, Fost Assembly. Most parts come mounted and soldered on PC boards. Boards mount quickly and easily on chassis. All you do is solder interconnections. This greatly reduces assembly time.
Better Performance and Dependability. Critical PC board circuits are wired and aligned at the factory.
Salisfaction and Enjoyment. You have the satisfaction of assembling the kit yourself, plus the dependability of a factory-assembled model.

## Silicon-transistor circuit for finest stereo FM-AM plus Modular Concept* design for easier assembly

Model KG.988. Was \$159.95, A great value at its previous low sale price, this extra price cut makes this stereo FM-AM receiver kit a value you can't afford to miss! Latest in the Knight-Kit line of stereo components, it features handsome styling, ultra-reliable solid-state circuit, and a host of other deluxe features that assure magnificent stereo. Has field-effect transistors for superior station pulling power without interference. Integrated circuit in preamplifier increases efficiency and boosts overall performance. Complementary symmetry output circuit uses no audio transformers, giving you full power and response over the entire audio range. Stereo amplifier delivers a big 100-watt output.
Between-station muting lets you tune any station from a background of silence, not noise. Large illuminated dial, flywheel tuning, and signalstrength meter for effortless station selection. Stereo-FM, mono-FM, and AM indicator lights. AFC for drift-free FM. Loudness switch for full bass response even at low volume levels. Separate bass, treble, balance, and volume controls. Scratch and rumble filters. Tape monitor switch for use with three-head tape equipment. Stereo headphone jack.
Outputs for two pairs of speakers-you can connect remote speaker systems in another room. Switch selects one or both sets of speakers. Built-in AM antenna permits pickup of strong local signals; terminals for external antenna. Inputs for magnetic or ceramic phono, tape monitor, auxiliary. With walnut veneer wood case. $53 / 4 \times 178 / 4 \times 14^{\prime \prime}$. Complete with detailed step-by-step instructions. AC. From Japan. 2253711 U. Shpg. wt., 24 lbs.
149.95

## SPECIFICATIONS

AMPLIFIER. Output at 4 Ohms: 100 watts $\pm 1 \mathrm{~dB} ; 80$ watts IHF; 50 watts rms. Response: $\pm 1 \mathrm{~dB}, 20-30,000 \mathrm{~Hz}$. Harmonic Distortion: $1 \%$. Hum and Noise: Magnetic Phono, - 56 dB ; Auxiliary, - 70 dB . Inputs: Magnetic phono, ceramic phono, tape monitor, auxiliary, Channel Separation: Magnetic Phono, 45 dB ; Auxiliary, 50 dB . Output: 4 and 8 ohms, headphones, speakers (two pairs), recorder. TUNER CIRCUIT. FM Section. Sensitivily: $2 \mu \mathrm{~V}$. Separation: over 30 dB . Signal-to-Noise Ratio: 45 dB . Inage Rejection: 90 dB . Antenna: Includes FM dipole, 300 ohms, balanced. AM Section. Iman Rejection: 70 dB . Antenna: Built-in ferrite rod; terminals for external antenna. GENERAL. Controls: Volume, Power On/Off, Bass, Treble, Balance, Selector (AM, FM Auto, Phono, Tape, Aux.), Speaker Selection (Main, Remote, Main and Remote, Off), Channel Selector/Tape Monitor, Loudness, Muting, AFC. High and Low Filters.

# Knight-Kit stereo Hi-Fi Kits with s1 Bonus 

## With Bonus $70^{95}$

Save $\$ 11.95$. Get $\$ 12.95$ oiled walnut wood case with purchase of either kit

(A)

## With Bonus <br> $70^{95}$



## 60-watt solid-state Stereo Amplifier Kit

(A) Model KG-865. Separately, 589.90. Best value anywhere in a medium-power amplifier. All silicon transistor circuit, usually found only in higher-priced amplifiers, assures super-stability and smooth sound. Handsome design with wood-accent front panel. Add the matching KG-796 Tuner Kit, at right, to enjoy stereo-FM and AM prograns.
Special Complementary Symmetry circuit eliminates audio transformers to provide wide frequency response and power bandwidth. Delivers full rated power from 20-20,000 Hz , or within 1 dB from $18-30,000 \mathrm{~Hz}$ for startlingly realistic sound. An array of controls puts you in command of both stereo and monophonic functions. Even has a separate on-off switch so that volume control settings need never be disturbed. Ganged volume, bass, and treble controls. Front-panel stereo headphone jack and speakermuting switch. Convenient switch for phono, tuner, and auxiliary allows instant control of a variety of sources.

Printed-cireuit boards inake assembly eiss. Attractive heavy-gatuge extruded aluruinum front-panel with walnutfinish inserts. Inputs for magnetic cartridge, tuner, and auxiliary. Two AC outlets on rear of chassis. $35 / 6 \times 13 \times 10^{\prime \prime}$. With easy instructions. AC. Order Bonus Case below.
22 S 3700 X. Japan. Shpg. Wt.. 10 1bs.
69.95

22 S $3713 \times 8$. Bonus Case. Wt., 6 lbs....... With Above 1.00

## Silicon-solid-state Stereo FM-AM Tuner Kit

(B) Model KG-796. Separately, s89.90. Save now on bonus offer! Pulls in excellent stereo FM even from weak or distant stations. Even at this low price you get all silicon transistors for super-stability and freedom from distortion. Assembly is simplified by the Modular Concept* (see facing page) featuring wired printed circuits and aligned RF and IF stages.
Two tuned RF stages cut interference and assure high station pull-in power. Circuits are designed to give a smooth frequency response of $30-15,000 \mathrm{~Hz}$ for stereo realism that equals or surpasses the finest stereo records or tapes. Even the AM circuit has a full $10-\mathrm{kHz}$ bandwidth for maximum fidelity; special filter circuit screens out whistles on weak or distant stations. Signal-strength tuning meter and edgelit tuning dial make station-finding easy. Stereo FM indicator lights up and circuit automatically switches to stereo when a stereo program is tuned in. Effortless flywheel tuning.
Beautifully styled aluminum front-panel with walnutfinished inserts matches the KG-865 stereo amplifier kit. $3^{5}$ /6 $\times 13 \times 10^{\circ}$. With indoor $F M$ antenna, easy instructions. AC. Bonus Case below.
22 S 3918 X. Japan. Shpg. wt., 7 lbs.
69.95

22 S $3713 \times$ X. Bonus Case. Wt., 6 lbs.
With Above 1.00

## SPECIFICATIONS

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

## SPECIFICATIONS

FM CIRCUIT. Usable IHF Sensitimity: $3 \mu \mathrm{~V}$. Response: $\pm 1$ dB, 30-15,000 Hz. Harmonic Distortion: less than $1 \%$. Hum and Noise: -50 dB . Tuning Range: $88-108 \mathrm{MHz}$. Capture Ratio: 3 dB. IF Rejection: more than 80 dB . Image Rejection: greater than 50 dB . Output Voltage; 0.8 volt with $1000-\mu \mathrm{V}$ input signal, modulated $100 \%$ at 400 Hz . Channel Separation: 35 dB or more at 1 kHz . SCA Rejection: 35 dB or more. Auienna: 300 -ohm input. AM CIRCUIT. Sensitivity: $50 \mu \mathrm{~V}$ at $20 \mathrm{~dB} \mathrm{~S} / \mathrm{N}$ ratio at 600 kHz . Bandwidth 10 kHz at $25-\mathrm{dB}$ down. Hum and Noise: -38 dB .

# Big values in easy-to-assemble Knight-Kits 



## Value 2988 Priced



## Psychedelic Color Organ Kit enhances your music

Model KG-338. Add a coloriul and spectacular light display to your stereo music system or brighten your combo with sparkling color! Not only will you hear your music as well as before, you will "see" it, too, as the 3 -color organ flashes vividly in synchronization with the beat and frequency.
Prismatic glass lens gives a brightly colored "three dimensional" psychedelic effect, providing an exciting new dimension. Connects easily to any amplifier. The sound-sensitive color controller responds to amplitude and frequency, following any music you play with color and intensity changes.
Has ganged On-Off/Master control for overall intensity, and separate controls for red and green. Advanced long-life solid-state circuit. Color display does not affect sound quality in any way. Handsome vinyl-clad, simulated walnut-veneer wood case, $81 / 4 \times 141 / 4 \times 53^{3}$. Uses standard G.E. bulbs (No. D33), available for easy replacement anywhere. With all parts, 9 bulbs, detailed easy-to-follow instructions. AC.
22 S 3379 X. Wt., 10 lbs.
29.88

## Stereo Headphone Kit with volume control for each ear

Knight/Koss KG-802. Order now. take advantage of this special bargain price! Outperforms many factoryassembled models that cost much more. Excellent for monitoring tapes. recording sessions, jam sessions, etc. Has comfortable foam-cushioned earcups to help seal out room resonance, false echo, and distracting noise. Adjustable lightweight plastic headband, large $31 / 2^{\prime \prime}$ dynamic elements. $20-16,000 \mathrm{~Hz} .4-16$ ohms. With $8-\mathrm{ft}$. cord, $1 / 4$ " phone plug. Easy-to-follow step-by-step instructions. 22 S 3380 X . Wt., $21 / 2$ lbs.
12.95

## Low-cost performance-tested Stereo Headphone Kit

Model KG-801. Amuaing value for stereo headphones of this quality! Reproduces stereo with good realism and response; lets you have all the volume you want. Large padded earcushions seal out room noises and provide maximum comfort. Adjustable headband. So light in weight you hardly know you're wearing them. $20-15,000 \mathrm{~Hz}$. With 6 -ft. cord and standard $1 / 4^{n}$ phone plug that fits most stereo ainplifiers and receivers. Comes complete with easy instructions. From Japan.
22 S 3359 X. Shpg. wt., 1 lb..... 5.95

# Prices cut on Knight-Kit Ham Equipment Kits 

## Cut s9.00 $69^{88}$



# Six-meter Amateur Transceiver Kit.. equally at home in Ham shack or car 

Model TR-106. Was $\$ 78.88$. Big cut below our previous low sale price! Has factory-assembled and aligned RF and crystal-controlled inixer stages. Dual-conversion receiver with $0.5-\mu \mathrm{V}$ sensitivity; 15-watt-input transmitter with plate and screen modulation. Separate AF and RF gain controls, frequency spot switch. Illuminated S/RF meter, vernier-drive tuning. Headphone or external-speaker jack, 3 front-panel crystal jacks. Rear-panel VFO input, VFO power output. Pi-network matches $30-90$ ohm antennas. Built-in speaker. With mike, easy instructions. $51 / 2 \times 131 / 8 x$ $11^{\prime \prime}$. Accessories at right. AC/12 VDC.
22 \$ 3460 X. Shpg. wt., 22 lbs.......
69.88

## ACCESSORIES

22 S 3140 X . 8ase for Desk-Top Use. Holds transceiver at the best angle for easiest operation. Wt., 5 Ibs....... 2.95 17 S 9404 CS . 6-Meter Crystal. Specify $8340-8450 \mathrm{kHz}$ ( $\star 5$ $k H z$ ). Shpg. wt., 3 oz.............................. Each 2.95
Model V-107 o and 2-meter VFO Kit. Was $\$ 24.95$-Cut $\$ 5.00$. Stable variable-frequency control of TR-106 six-meter transceiver. Power is drawn from transceiver through connectors on transceiver and VFO. Smooth vernier tuning. $51 / 2 \times 4 \frac{1}{4} \times 61_{1}^{\prime \prime}$. Instructions.
22 S $3461 \times$. Shpg. wt., 5 lbs..
19.95

## Value Priced! $78^{88}$



## Power-boosting Linear Amplifier Kit for 6 or 10-meter transmitters


#### Abstract

Model T-175. Order now! Don't pass up this outstanding value! Operates AM-CW . . greatly increases the range of your transmitter by putting extra power into your signal to improve the dependability of your contacts over longer distances. You'll like the great performance of this ad-vanced-design linear. . it will make the big difference in vour station. An important and welcome addition to any Ham shack, Allied has made it super-easy to assemble; all you do is follow the step-by-step instructions. When finished, you'll have a fine-quality linear designed for top performance, long service, and extra dependability. Covers 6 and $10 / 11$ meters*. Builds up your input power to 150 W CW and 120W AM. Requires a drive of only 1-7W


#### Abstract

CW, 1-4W AM. Features two illuminated meters for plate-current/relative-power. Internal antenna-changeover circuit for AM and low-speed CW, with no internal connection to transceiver required. Rugged, quiet fan for forced-air cooling during transmit. Thermal radiators on plate-caps reduce tube temperatures. Standard SO-239 coaxial connectors. Nominal input impedance of 50 ohms; $50-70 \mathrm{ohm}$ pi-network output. Tubes, 6JE6A output amplifiers, 12AT7 relay amplifier. $51 / 2 \times 131 / 8 \times 11^{\prime \prime}$. Coils are supplied for ${ }^{*} 26.960-29.700 \mathrm{MHz}$. Comes complete with all parts, wire, solder, and detailed easy-to-follow instructions. AC. *illegal for Class D CB operation in U.S.A. 22 S 3463 X. Shpg. wt., 22 lbs. 78.88


# Knight-Kit ultrasonic Depth Meter Kit 



Operates from self-contained bafteries or from your
12.V boat battery

## Cut s3.00



## Ultrasonic Depth Meter and Fish Locator Kit helps you catch the most fish

Knight-Kit KG-711. Scientifically, you'll know where the fish are and how deep. Locates schools of fish. and finds deep holes where fishing is best. Invaluable for navigationlets you cruise without fear of going aground. Consists of fish/depth scope that connects to transducer unit (not illustrated) using $161 / 2$ ft . cahle (included).
Electronic transducer attached to transom, side or boat bottom sends down a cone of silent ultrasonic waves, which return as echoes that are measured on fish/depth scope's dial. Dial gives accurate readings of water surface and bottom, and an intervening large fish or school of fish is indicated by signal flashes on the dial.
Sounds to 200 ft . on hard bottoms, 100 ft . on soft bottoms. Sound-wave volume control. Scope, $5 \times 51 / 2 \times 5^{\prime \prime}$. With gimbal mounting brackets for scope and transducer, scope sun shade, cable, assembly instructions. Uses boat battery or 8 " C " batteries, order below. 22 S 3322 X. Japan. Wt.. 8 lbs........ 69.95 18 S 5865. "C" Batteries. 10 oz..
$2 / 33 \not$


## Battery-powered Junior Auto Analyzer Kit makes tuneups and servicing easy

Knight-Kit KG-303. Was צ19.95. Small enough to carry anywhere. Solid-state circuit has simplified controls for easy, fast tests! $21 / 2^{\prime \prime}$ meter has four tachometer ranges: 0-1200, 1600,4500 and 6000 rpm . Two dwell angle ranges: $0-45^{\circ}$ and $0-60^{\circ}$. Has $0-16$ volt voltmeter range. Self-contained battery power lets you take it for road testing.
Tachometer ranges read rpm-helps you set idling speed and automatic transmission shift points for top efficiency. Dwell-angle meter tests points, distributor and sparkadvance. Voltmeter measures battery and voltage to any electrical component in your car; also tests fuses. Auto analyzer can be used as a continuity tester to check whether or not a complete circuit exists.
May be used on all 4,6, and 8-cylinder engines. $61 / 2 \times 33 / 4 \times 21 /{ }^{\prime \prime}$. Complete with instructions and 9 -volt battery. Japan. Order now at this reduced price?
22 S 3327 X. Shpg. wt., 3 lbs.
16.95

# and Kits that put more pep in your car 

## Solid-state capacitivedischarge Ignition System Kit boosts engine power

Knight-Kit KG-372. Was \$28.95. Offers dramatic performance improvement for your car or boat. Solid-state kit cuts operating costs! Provides many times the energy of ordinary ignition systems for more complete combustion, increased acceleration, and improved engine performance, plus $10-20 \%$ increase in gas mileage. Drive thousands of miles more between tuneups, too.
Increased spark magnitude-from 3-4 times normal-assures improved ignition in any weather! Fast spark rise-time results in 3-10 times longer spark plug life. After easy assembly, kit installs in less than 10 minutes into standard ignition system with no rewiring, removal, or addition of parts. Leaves original coil intact-disconnects for quick performance comparison.
Input current: 1-5 amps, depending on rpm; 400 -volt discharge pulse. Triggered by ignition points or any suitable source. $3 \times 51 / 2 x$ $33 / 8$ ". With instructions. For 12 -volt systems only, pos. or neg. ground 22 S 9575 X. Shpg. wt., $21 / 2 \mathrm{lbs} \ldots \ldots . . .26 .95$


## Illuminated auto/marine Tachometer Kit features all-electronic operation

Knight-Kit KG-340. Was $\$ 17.95$. When you choose this tachometer kit, you save 3 ways: by getting a $\$ 2.00$ price cut, by assembling tachometer yourself, and by obtaining peak efficiency from your car's engine! Deluxe high-sensitivity tachometer indicates engine speed with accuracy. Outperforms many more expensive tachometers.
Measures rpm for any 4,6, or 8 -cylinder engine with 12 -volt system, positive or negative ground. Features stable electroniccircuit compensation for normal voltage and temperature changes. Range: $0-8000 \mathrm{rpm}$. Accuracy: $\pm 2 \%$. Deflection Angle: $240^{\circ}$. Shock and vibration resistant. Two leads connect to engine or light switch for illumination of easy-to-read $31 / 4^{\prime \prime}$ dial.
Mounts in any position and has rotatable bezel that adjusts for best visibility. Handsome black finish and chrome bezel. With parts, cables, clear instructions. Japan. 22 S 3330 X. Shpg. wt., 2 lbs..

[^0]

## Save now on Knight-Kit Automotive Packages



## Save ${ }^{5} 21.17665^{50}$

## Outfit for extensive tests and repairs

Separately, 87.67. Provides sophisticated trouble-shooting, tests and analyses. Includes: Knight-Kit KG-375A deluxe Auto Analyzer Kit; Knight-Kit KG-371 Timing Light Kit; Chilton's 1970 Auto Repair Manual; Assembled Compression Tester, Vacuum and Fuel Pump Tester, Remote Starter. Kits are complete with all parts, solder, instructions; other units assembled. 22 S 0659 L 6 X . Shpg. wt., 22 lbs.
66.50


## Save $\$ 28.1288^{50}$

## Our finest Automotive Kit Ouffit

Separately, $\$ 116.62$. Features tuneup and repair instruments plus capacitive-discharge ignition system kit for top performance. Includes: Knight-Kit KG-375A Auto Analyzer Kit; Knight-Kit KG-371 Auto Timing Light Kit; Knight-Kit KG-372 Capacitive-Discharge Ignition System Kit; Chilton's 1970 Auto Manual; assembled Compression Tester, Vacuum/Fuel Pump Tester, Remote Starter. 2250491 LX. Shpg. wt., 26 lbs.......................... . . 88.50


## Basic Tuneup and Repair Outfit

Separately, 857.67 . Great for part-time mechanics and hobbyists. Consists of: Knight-Kit KG-303 Junior Auto Analyzer Kit; Knight-Kit KG-371 Timing Light Kit; Chilton's 1970 Auto Repair Manual; assembled Compression Tester, Vacuum and Fuel Pump Tester, Remote Starter. Portable solid-state auto analyzer kit is designed for fast, easy tuneups and simplified troubleshooting. Chilton's 1970 Auto Repair Manual has repair/adjustment instructions for all U.S. cars. 1961-1970. 22 S 0081 L3X. Shpg. wt., 14 lbs... ................... . 44.50

## Enjoy building and using a Knight-Kit Receiver



## Price cut on Star Roamer 5-band Shortwave Receiver Kit

## Cut 93.07 More

Was $\$ 34.95$. Now cut $\$ 3.07$ from our previous low price. Tunes foreign broadcasts, aviation weathercasts, Hams, Citizens Banders, and more, plus regular AM. Captures even hard-to-get signals with superhet circuit, autonatic volume control, automatic noise limiter and electronic bandspread. Five bandswitched ranges cover $200-400 \mathrm{kHz}$ longwave, $550-1800 \mathrm{kHz}$ AM band, and $1.8-4.8 \mathrm{M} \mathrm{Hz}$, 4.8-12 MHz and $12-30 \mathrm{MHz}$ shortwave. Has " S " meter, antenna trimmer, headphone and code key jacks, ferrite AM antenna. Transformer-powered. Four tubes, plus rectifier. Metal case, $51 / 2 \pi 121 / 4 \times 8^{\circ}$. AC. Japan.

\$5 monthly*

## Great <br> entertainment value!

## Build this fine-sounding AM Table Radio Kit

Model KG-311. Discover the fun and economy of kit-building with this AM table radio kit. Great for beginning hobbyists or electronics students. Brings you all your favorite programs on the standard 535-1650 $\mathrm{kHz}_{z} \mathrm{AM}$ radio band.
Learn as you build-provides a good working knowledge of superheterodyne radio circuits. Sensitive circuit picks up plenty of stations. Automatic volume control for steady sound. Four tubes, plus rectifier:
Handsomely styled plastic case, $51 / 4 x$ $73 / 44^{\prime \prime}$. Step-by-step illustrated instructions for easy assembly. With tubes, solder, wire. AC. Japan. 22 S 3105 X. Wt., 3 lbs..Japan.9.95

## Knight-Kit VHF FM Monitor Receiver Kit



# Dual-band VHF FM Monitor Receiver Kit tunes both public service/police bands for dramatic emergency calls 

Featuring Exclusive Modular Concept design with most parts preassembled on printed circuit boards

\section*{| Save |
| :---: |
| $\$ 13.90$ |}

## Monitor Receiver Outfit for long-distance reception

[^1]Knight-Kit Monitor III. Tune in on the "action" with this receiver kit that lets you monitor land transportation radio services in your area. Hear police calls, fire alarms, civil defense, Weather Bureau, taxis, mobile radio-telephones, public safety and domestic public services. Covers both the $30-50 \mathrm{MHz}$ and ${ }^{152-174} \mathrm{MHz}$ police/public service bands. Solid-state circuit for instant warnup and greatest reliability.
FM circuit gives you static-free reception. Powerful push-pull audio output. 4 preassembled, aligned IF's, tuned RF and mixer for greater reception of even weak signals and pin-point station selection. Autornatic Volume Control (AVC) prevents overload by strong signals for best possible reception. Regulated nower supply. Adjustable squelch keeps receiver silent unless a signal is being received . . eliminates static between messages. Adjustable to varying signal strengths.
Jack for 8 -ohm headphones or 8 -ohm external speaker. Built-in $4^{\text {* }}$ speaker is automatically silenced. Easy-to-read illuminated dial with a logging scale numbered from 0 to 100 . Features all the benefits of Modular Concent design: parts are pre-mounted and soldered on PC boards. You simply solder the interconnections. All critical circuits are aligned and tested at the factory. Gray, metal case, $57 / 15 \times 117 / 8 \times 3 / 4 \%$. With snlder, precut wire and illustrated instruction manual. AC. Japan.
22 S 3412 X . Shpg. wt., 11 lbs .
49.95
i7 S 6226. 8-ohm Duol Headset. Shpg. wt., 1 Ib....................... . . 5.9 .95

## Our finest Knight-Kit Amateur/SWL Receiver



# Cut $10.0069^{5}$ 

Build this 5-band AM/CW/SSB solid-state Communications Receiver Kit for exciting Amateur/shortwave listening

Tunes in all the exciting international, SW stations, domestic Amateur bands, more

Madel R-195. Was $\mathbf{8 7 9 . 9 5}$. One of our best values! Treat yourself to fascinating listening from the capitals of the world. Tune in the big cities of Asia, Africa, Europe . beam in on Hams, Citizen Bands, plus your favorite standard broadcast AM radio programs. Gives you dependable reception of longivave and shortwave on these exciting bands: $2001-420 \mathrm{kHz}, 540-1800 \mathrm{kHz}, 1.8-4.8 \mathrm{MHz}$, $4.8-12 \mathrm{MHz}, 12-30 \mathrm{MHz}$.
Receives all Amateur bands from 80 to 10 meters, international shortwave, foreign broadcasts, aircraft and marine broadeasts, much more. Has calibrated bandspread on 80-10 meter Amateur bands for best station reception. Illuminated signal-strength " $s$ " meter shows when signal is strongest. Modern solid-state circuit with specially designed tuned RF stage for high sensitivity and lowest noise. Ceramic 1F filters provide superior selectivity' for excellent station separation
Automatic volume control assures even volume when receiving signals of widely different strengths. Automatic noise control cuts static for clear, crisp reception. Built-in BFO and product detector for excellent reception of CW and SSB. Large illuminated slide-rule dial and calibrated handspread dial whth velvet-smooth tuning. Built-in $4^{\circ}$ speaker. Audio output, 1 watt. Sensitivity, 2 ${ }_{\mu \mathrm{V}}$ for $10 \mathrm{~dB} S+\mathrm{S} / \mathrm{N}$ on Band $A$. Selectivity, 4.5 kHz bandwidth at $6-\mathrm{dB}$. Headphone jack. Built-in AC power supply. Cabinet, $51 / 2 \times 131 / 4 \times 11^{\prime \prime}$. Easy-to-follow instructions. AC. Japan.
22 S $3032 \times$. Shpg. wt., 10 lhs..
69.95

# Knight-Kit music Kits for today's sounds 



# Values in Knight-Kit Intercom Systems 

## AC wireless Intercom System Kit needs no between-station wiring

Model KG-233. Reliable room-to-room communications, easy plug-in installation, and a remarkable low price. Simply locate each unit wherever desired and plug into nearest AC outlet
no interstation wiring to install. Communicate between any two points on the same electric-line power transformer ... up to a distance of $3 / 4$ mile!
Wireless operation even permits communications between separate buildings (check with your utility company to be sure both stations are ou same electric line transformer). Solid-state circuit assures clear tone, draws no more curreut than an electric clock. Press-to-talk switch with lock button for continuous conversation or monitoring. Volume control, $21 / 4^{\prime \prime}$ speaker. High-impact plastic case. Each unit, $37 / 8 \times 51 / 4 \times 13 /$ ". Easy printed-circuit board assembly. With all parts, easy-to-follow instructions. AC. Japan. 22 S 3383 X. Shpg. wt., 3 Ihs............. 19.95

## Deluxe wireless Intercom System Kit has two separate channels

Madel KG-225. Separately \$39.90. Versatile solid-state intercom features dual-channel operation. Switch lets you operate two separate, independent systems ( 4 or more stations) simultaneously-two conversations at once. Special voluine control keeps volume at an audible level to prevent missed calls.
In addition, the KG-225 needs no special wiring. You can move your intercom station from place to place by plugging into any AC outlet. Talk between rooms, between house and garage, between any two points on the same electric-line transformer.
Press-to-talk switch with locking position for continuous transmission. Sea foam green and cream cases, $31 / 4 \times 81 / 4 \times 5^{3 / 4}$. With all parts, solder and full assembly instructions. For AC. From Japan,
22 S 0015 L2X. Shpg. wt., 8 lbo.

## Wire-type Intercom System Kit battery-powered for use anywhere

Model KG-234. Sensational low price on this two-station intercom kit. Sensitive unit is an ideal choice for baby-minding-can pick up even the softest sounds. Battery-powered stations can be used to communicate between any two rooms. All-transistor circuit provides clear sound without noise.
Has many of the features of higher-priced assembled models. Easy to operate-just press button to talk; release to listen. Master station has volume control. Circuit permits signal to be sent even if switch is in "off" position on Renote station.
High-impact plastic cases, with gold-color grilles. Use on desk, or hang on wall. Compact, each $3 \times 13 / 4 \times 4^{*}$. Easy and fun to assemble. With $9-\mathbf{V}$ battery, $66-\mathrm{ft}$. interconnecting wire, plugs, solder and full assembly instructions. Japan.
22 S 3334 X. Shpg. wt., $2 \frac{1}{2}$ Ihs
5.95

You can talk or listen from either station . . even talk between buildings up to $3 / 4$ mile

## 1995

## NEW

## Save ${ }^{5} 9.95$

## Two stations

 $29^{95}$

Sensitive unit can pick up soft sounds clearly

## Great

Value 595

## Knight-Kit Alarm Systems for low-cost safety



# ${ }^{(3)}$ Cut ${ }^{\$ 1.00}$ More $12^{88}$ 



## (A) Ultrasonic Intrusion Alarm Kit warns of burglars

Knight/James KG-642. Was si69.90. Provides anmazingly effective guard against intruders! Alarm radiates a silent and invisible ultrasonic beam in an arc-like pattern, giving you a 110 -sq.-ft. area of protection that cannot be detected or avoided. Alarm connects to turn on lights, sound bell or buzzer, or send remote signal, when beam is broken by a prowling intruder.
Install anywhere, aiming beam over area to be protected. Solidstate circuit assures continuous, reliable use. Has on-off/reset switch (reset has 60-second delay) and variable sensitivity control for beam length. Outputs may be wired for $110-130 \mathrm{~V}$ at 500 watts or 5 -ampere control switch contacts. Size, $2 \times 12 \times 2^{\circ}$. AC $/ 12$ VDC.
22 s' 3722 X. Wt., 3 lbs....... 59.95 Gimbal-type Mounting Bracket. 22 S 3008 X. Wt., 2 Ibs......... 3.00

## [B Multi-function Home Protection System Kit gives loud warning

Model KG-699. None Cut $\$ 1.00$ More from Our Last Sale Price of \$13.88. Used with proper sensors (order below), kit provides loud warning of fire, theft, floods, smoke, power failures or freezes. Stimulation of any remote sensor causes it to signal Master unit. activating alarm horn. Each Master unit accepts up to 3 sensors and operates on 2 " D " batteries (below).
Tumbler-type locking switch with key stops anyone but you from turning system on or off. Master, $51 / 4 \times 7 \times 21 / 2^{\prime \prime}$. With lock, key and instructions. Sensors are factory-assembled, have $6^{\prime}$ cord with pin plug.
22 S 3339 X. Master Unit Kit. 3 Ibs.
12.88

2253299 X. Master Unit Assembled. 31 ibs. 19.95
22 S 3340. Door/Window Switch. 8 oz.... 2.95
225 3341. Smoke Sensor. AC. 1 1b....... 9.95
225 3342. Heat/Fire Sensor. 1 lb.
2.95

225 3343. Freezing Sensor. 1 lb...
2.95
3.95

225 3344. Flood Sensor. Wt., 1 lb.......... 5.95
22 S 3345. Power Failure Sensor. 1 lb .
2.95

22 S 3346. Automobile Alarm Kit. 3 lbs... 8.95
18 S 5079. "D" Botts. 8 oz................4/65d

## (c) Photoelectric Relay Kit and Light Source

Model KG-833. Was \$19.95. Units function as effective, economical alarm system or offers accurate counting for merchandise, production units, or people entering an area. Consists of exciter lamp with invisible-light-beam source plus photoelectric relay receiver. Produces a linear beam between source and receiver-across a doorway, for example.
When beam is broken, unit can sound alarm or provide signal to an electronic counter. Variable sensitivity control. Units can be placed up to 50 ft. apart in darkened areas; up to 15 ft . apart in brightly lit areas. Reaction time: $50 \mathrm{~m} / \mathrm{m}$ per second (at 10 ft . between units). Power consumption: exciter lamp, $15 \mathrm{~V} / \mathrm{amp}$. Output: 117 VAC at 0.3 A. Each unit. $3 \times 6 \times 5^{*}$. Instructions. hardware. AC. Japan. 22 S 3381 x. Wt., 8 lbs...... 16.95

## Build an exciting low-cost Knight-Kit



Model KG-203. Talk about convenience This remote on/off switch is for all electrical appliances rated 600 watts or less. Just press transmitter's button to turn ou or off your radio, TV, or fan, etc. Remotesignal range: up to $40^{\prime}$. Transmitter, $11 / 4 \mathrm{x}$ $11 / 2 \times 41 / 4^{\prime \prime}$. Receiver, $21 / 2 \times 31 / 4 \times 21 / 4^{\prime \prime}$. Transmitter uses battery: receiver, AC. With assembly instructions. $9-V$ battery. Japan. $2253316 \times$. Shpg. wt. 21 lbs. 16.47

## [B] Remote Control Center Kit for TV, -radio or phono

Model KG-229. Lets you control volume and on/off functions from your easy chair . . so sit back and relax! Has built-in speaker, $60-$ minute timer. main/remote switch and volume control. Turns off set after preset delay of up to 60 minutes. Controls volume of set's speaker or own built-in speaker Earphone jack. $5 \times 33 / 4 \times 15 / 8{ }^{\prime \prime}$. With $15^{\prime}$ remote cable, instructions. AC. Japan. 22 S 3331 X. Shpg. wt.. 1 1b..

## © Telephone Amplifier Kit for hands-free conversations

Model KG-205. Lets the whole family listen to calls from friends and relatives. Excellent aid for the hard-of-hearing! Amplifies the sound from your telephone to room level without anv electrical connection to phone. Has suction-cup mount for instant conneetion to phone. Solid-state. Volume control, on/off switch. $4 \times 3 \times 1^{1 / 4}$ ". With 9 -volt battery, assembly instructions. Japan. 22 S 3333 X. Shpg. wt.. 1 lb .

## [0 Treasure/Metal Locator Kit finds hidden metal objects

Model KG-366. Was \$29.95. Eocates both ferrous metals (iron. steel) and non-ferrous metais (gold, copper. silver) quickly and easily. Search for coins: find pipes before digging. Gives an audible signal that becomes louder as you move the locator nearer the hidden metal. RCA integrated circuit. Instructions. Order battery helow.
22 S 3382 X. Shpy. wt. 3 lbs.
18 S 5980. 9-volt Battery. 6 oz . Pkg. of $2 / 59 \mathrm{f}$

${ }_{\text {Value! }}^{\text {Bis }} 4^{88}$

## Cut $\$ 5.00$

# Knight-Kit hobby and service specials 



Low-cost VOM Kit features
$41 / 2^{\prime \prime}$ meter with 38 ranges
Model KG-645A. An exciting low price for a full-size VOM kit. Ideal for checking household appliances, TV, etc. 5000 ohms/volt model measures AC, DC and output volts; AC, DC current, resistance and decibels. 41/2" 2 -color meter has 8 calibrated scales. Has ohms/zero adjust; range and function switches. $63 / 4 \times 51 / 4 \times 234^{\circ}$. With battery, test leads, carry strap. Japan. $22 \mathrm{~S} 3914 \times$. Shpg. wt., 3 lbs.... 13.88

Great Value


## Pocket-sized VOM Kit has full 20,000 ohms/volt sensitivity

Model KG-646. Pocket-size VOM kit at a pocket-size price! VDC: 0-2.5-10-50-250-1000. VAC: 0-10-50-250-500-1000. DC mA: 0-.05-25-250. Ohms: $0-10 \mathrm{~K}-100 \mathrm{~K}, 0-1$ meg. dB's: -20 to $+20,20$ to +36 . L (Self-Inductance) : $0-5 \mathrm{kH}$. C(Static Capacity) $0.02 \mu \mathrm{~F}$ to $250 \mathrm{pF} .20,000 \mathrm{~g} / \mathrm{V} \mathrm{DC}$ $10,000 \Omega / \mathrm{AC}, \pm 2 \%$ AC, DC accuracy. $5 \times 3 \times 13 / 4$ Japan. Battery, leads. 22 S 3907 X . Wt., 1 lb .


Great 995 Value

## Handy, compact Motor Speed Control/Light Dimmer Kit

Model KG-201. Versatile solid-state speed control/dimmer kit gives you speed control/dimmer kit gives you power tools with universal AC-DC motors up to 7.5 amps (handles 10 amp surges). Also controls brightness of lamps (to 500 W ). regulates heating elements. Thermal circuit breaker. $27 / 8 \times 4 \times 11 /{ }^{\prime \prime}$. With parts, solder, detailed instructions. For AC. 22 S 3335 X. Wt., 2 lbs.

# Low prices on Knight-Kit Test Equipment 

## Knight-Kit's finest VTVM Kit plus Bonus

Model KG-625. 1/2-V full-scale DC range. Single, switchable AC-ohms/DC test probe. 6" meter with sensitive $200-\mu \mathrm{A}$ movement. Fluorescent knifeedge pointer eliminates parallax. 10 color-correlated scales. Also has DC polarity reversing switch; zero-center scale; pilot light; low leakage switches; special power transformer line isolation. Has 11 -megohm DC input resistance. 0-0.5-1.5-5-15-$50-150-500-1500 \mathrm{~V}$ DC $( \pm 3 \%$ accuracy), 11 meg input resistance to 1500 V. $0-1.5-5-15-$ $50-150-500-1500$ V AC rms; 0-4.2-14-42-140-420-1400-4200 $V$ AC p-p ( $\pm 5 \%$ accuracy); Response, $\pm 1 \mathrm{~dB}, 30 \mathrm{~Hz}$ to 3 $\mathrm{MHz}:=3 \mathrm{~dB} .40 \mathrm{~Hz}$ to 5 MHz $0-1000-10 \mathrm{~K}-100 \mathrm{~K}$ olims, $0-1$ -10-100-1000 megs. $73 / 4 \times 4 \mathrm{x}$ $121 / 2^{\prime \prime}$. With gimbal mounting bracket. AC-ohms/DC probe, $11 / 2-V$ "C" battery. For AC. Japan. Wt., 9 lbs. Bonus tube caddy carries up to 143 tubes. Order Bomus Belor.
22 S 3975 X. Kit Alone. . . 39.95 24 S 9681 XB. Tube Coddy. 8 lbs. When Ordered with Above. 1.00


## With Bonus

$40^{95}$
Sep., \$51.45

Bonus Tube Caddy
Reg. \$11.50 value Tube Caddy only $\$ 1$ more when ordered with kif

Save ${ }^{5} 10.50$


## Cut 5.00 2988

Our best VOM kit . . 57 ranges plus taut-band meter movement

[^2]

Handy Signal Injector Kit traces RF, IF, audio circuits
Model KG-644. One of the handiest troubleshooters you can own. Pocketsize servicing aid is a must for those who work on radios, audio amplifiers, TV, etc. Completely portable and self-contained. Cylindertype handle houses entire circuit. $91 / 2 \times 11 / 2^{\prime \prime}$ dia. With 4 penlight batteries, easy-to-follow assembly instructions. Japan. 22 S 3915 X . Wt., 8 oz.
3.95


## Great Value <br> $14^{95}$

## Solid-state RF Generator Kit has wide frequency coverage

Model KG-696. Fully portable generator kit ideal for servicing AM, FM radios and TV receivers. Covers 400 kHz to 30 MHz to five bands. Clearly calibrated vernier tuning dial; Modulated /unmodulated RF output switch: On-Off switch; adjustable coils. $57 / 8 \times 57 / 8 \times 35 / 8^{\circ}$. With battery, parts, solder, step-by-step assembly instructions. Japan.
22 S 3952 X. Wt., 2 lbs.

## Knight-Kit‘ Test Equipment with Bonus Offer


(A) Model KG-685 Portable Color Bar Pottern Generator Kit. Provides patterns for convergence and adjustment of color TV sets. 7 cxystal-controlled patterns: 10 color bars; purity, 1 sking, crosshatch; vertical and horizothl lines; dots. No need for syncher iization with TV set. Composites ${ }^{\text {Pout }}=2 \mathrm{~V}$ p-p; -2 V for Zenith sets. 6 grey scale brightness levelfor gun-tracking adjustmentin ibrer regulation. $45 / 8 \times 95 / 8 \times 12^{\prime \prime}$. Testeads. AC. Order Boms Below.


B. Madel KG-687 Sweep/Marker Generafor Kit. Silicon transistor circuit. Allelectronic sweep from 1 Hz to 18 MHz ; crystal-controlled and variable inarker system. Sweep range: $3-220 \mathrm{MHz}$ on 5 bands; inarker, $2-225 \mathrm{MHz}$ on 4 bands. Automatic level control with AC/DC coupled feedback; 4-step attenuator: $5-$ band saturable reactor. $101 / 4 \times 143 / 4 \times$ $78 / 4^{*}$. Includes $4.5-\mathrm{MHz}$ crystal. From Japan. AC. Order Bonus Below.
22 S 3994 X. KG-687 Alone. 13 lbs .99 .95 26 S 1199 B. Bonus Nutdriver Set. $11 / 2$ lbs. When purchosed with above.

14 $22 \mathrm{~S} 3357 \times 10.7-\mathrm{MHz}$ Crystal. $3 \mathrm{oz} . . .4 .95$

## BONUS OFFER

10-pc. Nutdriver Set
Reg. \$11.63. Xcelite HS6-18 hollow-shaft set in case.

C. Model KG-688 Sine/Square Wave Generator Kit. Sine wave covers 20 Hz . to 2 MHz in five ranges. Square wave, 20 Hz to 200 kHz in four ranges. Allsilicon transistor circuit. Precision Sulzer oscillator with FET: comple-mentary-symmetry output; multiple feedback with harreter element. Sine wave, $0-7.5 \mathrm{~V}$ rms into 10 K or higher; square wave, $0-10 \mathrm{~V}$ p-p into hi-Z. $73 / 4 \times 7 \frac{3}{8} \times 10^{1} / 4^{\prime \prime}$. Includes 2 -wire line cord. AC. Japan. Order Bonus Below. 22 S 3995 X. KG-688 Alone. $10 \mathrm{lbs} . .59 .95$ 26 S 1199 B. Bonus Nutdriver Set. $11 / 2$ lhs. When purchased with above.

D Model KG-686 RF Signal Generator Kit. Built-in $100 \mathrm{kHz} / 1 \mathrm{MHz}$ erystal calibrator. Silicon transistor circuit. Covers 100 kHz to 54 MHz in 5 fundamental bands. Accuracy, $=1.5 \%$, usable to $\pm 0.1 \%$ with calibrator. Flosting chassis-isolated oscillator; tunable L and C. 6 separate attenuators to -96 dB. Detector-amplifier-speaker gives "zero" heats. Bridged "T"" 2-stage modulation oscillator. RF/modulation on meter. $101 / 4 \times 14 \frac{2}{4} \times 73_{4}$ ". 2-wire line cord. AC. Japan. Order Bonus Below. 22 S 3993 X. KG-686 Alone. 15 lbs. 79.95 26 S 1199 B. Bonus Nutdriver Set. $11 / 2$ Ibs. When purchosed with above.......... 14
 <br> \section*{Cut <br> \section*{Cut s25.00 s25.00 <br> <br> $174^{50}$ <br> <br> $174^{50}$ <br> <br> (A)} <br> <br> (A)}

MANCO





Compact 12 VDC/AC Refrigerator for active people
Portable unit fits into small places and is easy to carry, yet it holds up to 18 pounds

## $49^{95}$

Fridgette CSQ 4/12. Take vegetables, meat, beverages and other perishables along with you whenever and wherever you go with this lightweight portable unit. It's an ideal model for camping, picnics, cabins, boat cruises, trailers . . any where AC is not available.
Unit operates on 12 VDC batteries in cars and boats.. plugs into your car's cigarette lighter. Or plug into regular 110 -volt AC outlet for recreation room, work shop, den or office.
Compact size uses less luggage space than normal suitcase. Weighs only 23 lbs , yet carries up to 18 lbs . Highly efficient absorption cooling system. Gleaming white porcelain body with blue top. Interior, 10x $12 \times 6^{\prime \prime}$. Overall, $13 \times 14^{3} / 3^{3} \times 121 / 2^{\prime \prime}$. With AC cord, DC cord and ice tray. Japar.
26 S 2712 U. Wt.. 28 lbs.
49.95

## 



13995


28950
Take it with you anywhere

## 2 $132 \mathrm{cu} . \mathrm{ff} .12 \mathrm{VDC} / \mathrm{AC}$

## Refrigerator goes anywhere

Norcold DE-250. This portable unit weighs only 43 lbs. net. Just flick switch for AC or 12 VDC operation. Cross-top freezer with ice trays. Cools in 30 minutes, makes ice in 45 . Indoor storage for hottles, butter, eggs. Hermetically sealed, self-lubricating compressor. Walnutone finish. 23x 173/4×20. Japan.
26 S 3934 Z. Wt., 66 lbs.
139.95

## 12 VDC/AC Refrigerator features 4 cu . ft. space

Norcold DE-400. Cools in 30 minutes. makes ice in 45. Spacious pull-out shelves. Cross-top freezer and indoor storage. Hermetically sealed, selflubricating compressor. Walnutone finish with door panel that reverses to turquoise. Lined with rounded comer plastic. Weighs only 86 lbs. net. 311/2x $201 / 2 \times 203 /{ }^{\prime \prime}$. Japan.
26 S $3946^{2}$ z. Wt., 96 lbs.
289.50

## AC Mini Refrigerator-Freezer with 2.2 cu. ft. capacity

Fridgette CMP 20/18. Ideal for rec rooms, offices, workshops, etc. Spacesaver size with large capacity. Shelf in door for bottles and eggs. Adjustable thermostat, 2 ice trays. $18 \times 191^{1 / 2} \times 18^{\prime \prime}$. For AC only. Japan. 55 lbs.
26 S 2713 Z. White Porcelain.... 74.95
26 S 2714 Z. Coppertone........ 74.95 26 S 2716 X. Four 14 -inch Wainut Legs. Shpg. wt.. 3 lbw.................. 3.99

## Allied "Colorset 60A"

## TV-FM Antenna with pushbutton Rotator

VHF up to 190 miles
UHF up to 90 miles
FM up to 100 miles

## Save $29.9559^{95}$

Separately, $\$ 89.90$. One of our most powerful mid to far-fringe antennas, plus CDE AR-33 automatic rotator system! Antenna has $178^{\prime \prime}$ twin boom with 30 elements for clear TV, strong FM reception. Goldcorodized to fight corrosion. UHF-VHF signal splitter allows use of just a single lead-in. Automatic rotator provides perfect antenna control. Has 5 pushbuttons that you pre-set to your favorite stations.. just push a button, antenna turns to station and stops. automatically! Compass dial also allows manual control. For standard masts up to $13 / 8^{\prime \prime} .61 / 4 \times 4 \frac{1}{4} \times 23 / 16^{\prime \prime}$. U.L. Listed. AC. With VHF-UHF splitter. Order mast, 5 conductor rotator cable, 300 -ohm foam-type lead-in from Catalog 290. 11 S 0447 L2ZW. Shpg. wt., 29 lbs.

Save ${ }^{5} 3.88$ $49^{96}$

Pushbutton Rotutor selects stations automatically
CDE AR-33 and 100' Cable. Separately, 859.8\%. Automatic rotator system lets you preselect five antenna positions (stations). Has $360^{\circ}$ compass dial for manual control, too. Solid-state silicon transistor circuit. Heavy-wall die-castings; ball bearings; inline design. Can't blow off station. U.L.
Listed. AC. Wt., 19 lbs.
$11 \mathrm{~S} 0099 \mathrm{~L} 2 \times \mathrm{W}$. .... 49.96 11 S 1745 XW. Rotator Alone. Shpg. wt., 15 Ibs..... 49.95


Automatic Rofator with
compass dial and reset
CDE AR-22R and $100^{\prime}$ Cable. Separately, \$97.94. Automatic and accurate-set compass dial, antenna positions itself. Turas through $360^{\circ}$ in $6^{\circ}$ increments. Magnetic brake prevents over-travel. Reversible. Reset switch built into control base. Lifetime factory lubrication. Control, $61 / 4 \times 41 / 4 x$ $23 / 16^{\prime \prime}$. AC. 18 lbs. $115040012 \times W$.
.34 .96 il S' 1396 XW. Rototor Alone. Shpg. wt., 15 lbs.. ... 34.95


$23^{99}$

## Rofotor with fouch-bor

 manual-control unitAlliance-T-45 and $100^{\prime}$ Cable. Separately, \$E7.87. Turns antenna $360^{\circ}$ in just one minute. Weatherproof housing. Lifetime factory lubrication. Control ynit has touch-bar to rotate antenna; indicator to show direction. Reversible; positive stops. Control unit, 41/2x $61 / 2 \times 21 / 2^{\prime \prime}$. U.L. Listed. AC. Shpg. wt., 14 lbs.
11 S $009812 \times \mathrm{W}$.
23.99 $11 \mathrm{~S} 1555 \times \mathrm{XW}$. Rototor Alone.

Save up to S3.88


100-ft. Rotator Cable $\ldots$ 100 feet of Rotator Cable with your choice of rotator . . Order of leff

## JFD VHF-UHF-FM Indoor Antenna Amplifier

Model PC4500-CD. Solid-state antenna amplifier distributes VHF-UHF-FM signals to one 75 -ohm output or four 300 ohm outputs. 75 or 300 -ohm input with 2.0 dB VHF $/ \mathrm{FM}$ amplification and 6.0 dB UHF amplification at each of four 300 -ohm outputs; 10.0 dB VHF/FM amplification; 9.0 dB UHF to one 75 -ohm output. Size, $5 \times 3 \frac{1}{2} \times 1^{3} / 4^{10}$. AC. 11 S 1403. Shpg. wt., 2 lbs.
24.95

## Special Purchase! <br> $24^{95}$

Antenna equipment available on Credit terms . . see page 98-A


\section*{Deluxe 15-band Portable with

\section*{car bracket

## car bracket <br> Save \$10.00 <br> $169^{90}$ <br> $\$ 9$ monthly*



## (A) 15-band home-car-boat Portable

Nordmende Globetraveler III. Sepratately, $£ 179.90$. Covers FM, AM, longwave, marine and 11 shortwave bands (including 80, 40, 20 and 15-meter Amateur bands). Full drum dial bandspread for all SW bands separates crowded stations. IF bandwidth switch, 4 IF stages on FM, 3 on SW. Battery/tuning meter, bass and treble controls, lighted dials, AFC. Plays on 5 "D" batteries (below), AC, 6 or 12 VDC. Dual telescoping anteuna, SW antenna. Phono, amplifier, recorder outputs. Vinyl-covered wood cabinet, $81 / 2 \times 121 / 8 \times 4^{*}$. Imported. With Bonus: lockable car bracket with key.
$10 \$ 0050$ L2X. Shpg. wt., 11 lbs.
169.90

IOS 4359 X. Globetraveler Pro. As above, but also tunes 10 and 11 -meter bands and has BFO for SSB
and code. Less bonus bracket. 12 lbs .
209.95

## Cut s20.00

 18 S 5079. "D" Batteries. Wt., 10 oz...

Pkg. 4/65\$

## [B Allied FM-AM with both police bands

Model 2660. Was $\$ 69.95$. Best value anywhere in a 6 -band portable! Tune in your favorite FM and AM stations. Get news and entertainment from the corners of the world on two SW bands. Or keep posted on what's happening locally on two VHF police /public service bands. Uses 4 "D" batteries or AC. Big slide-rule dial makes tuning easy; momentary-action dial light switch. Fine-tuning control helps separate stations on SW. Squelch control; switchable AFC. Local/Distance switch. Tone control. $3 \times 6^{\prime \prime}$ speaker. Built-in ferrite AM. dual telescoping $27^{\prime \prime}$ FM-SW-VHF antenuas; jack for external SW antenna (order delure SW antenna above). Handsomely styled leatherette case, 12x $16 \times 6^{*}$. With batteries, earphone. From Japan. 10 S 5056 X. Shpg. wt., 12 lbs.
$49: 95$

## (C) Allied 2-speaker 4-band FM-AM-SW

Model 2684. Was s31.88. Buy at this special low sale price and get great listening on standard FM and AM, plus fascinating shortwave on two bands. Tunes $4-12 \mathrm{MHz}$ and $12-24 \mathrm{MHz}^{\prime 2}$ for foreign countries, Hams, more. Plays on 4 " $D$ " batteries or AC. Fine-tuning control helps separate stations on crowded shortwave bands. Slide-rule dial has momentary dial light when used on battery. Switchable AFC, tone control, two 4" speakers. Twin telescoping antennas. Stylish leatherette case, $107 / 8 \times 71^{1 / 2} \times 4^{\prime \prime}$. Batteries, earphone. Japan. 10 S 4284 X. Shpg. wt., 6 lbs.
29.88 18 S 5079. Extra "D" Batteries. 10 oz...... Pkg. 4/65


## (A) FM-AM-VHF car/portable/home Radio

Was 554.95 . Compact three-band radio pulls in standard FM and AM broadcasts, also tunes 148174 MHz VHF police/public service band for police, fire, emergency services, utilities, more. Tunes 162.5 MHz Weather Information service heard in many urban areas. Versatile, plays anywhere on three "C" batteries, 6 or 12 VDC positive or negative ground, or AC. Connects to car antenna for fine in-ear reception. Dial lights up when used in car. Has pushbutton AFC and vernier slide-rule tuning. Peak power output when used in cat, 2 watts. Speaker, $43 / 8 \times 23 / 4^{\prime \prime}$. Overall size, $2 \times 71 / 2 \times 51 / 8^{\circ}$. With mounting bracket for car, lock and key, AC cord, three "C" batteries and earphone. U.L. Listed. From Japan.
10 S 4594 S. Shpg. wt., 5 lbs........ . . . . . . . . . 44.95
18 S 5078. Extro "C" Batteries. 10 oz...... Pkg. 2/33d

## [B] Allied ${ }^{\text {B }}$ 3-piece Stereo FM-AM Radio

Model 2600. We as $\$ 59.95$. Don't pass up this low. low sale price for a three-piece solid-state stereo FM-AM radio with all-wood cabinets and compo-nent-type features and controls. Delivers 8 watts of peak music power. Matching $5^{*}$ speaker systems separate up to 14 feet for stereo channel separation at its best. Separate bass, treble, balance controls. Selector for AM, FM, FM-AFC, Stereo FM and Phono. Stereo FM indicator light. AFC locks-in FM stations. AC outlet plus input for any stereo record changer with ceramic cartridge. Stereo headphone jack. Built-in AM antenna, line cord FM antenna, terminals for external FM antenna. Radio, $33 / 4 \times 143 / 4 \times 105 / 8^{\prime \prime}$. Speaker enclosures, $10 \times 7 \times$ $77 / 8^{\prime \prime}$. AC. Japan.
10 \$ 5057 U. Shpg. wt., 23 lbs.
54.95

## © Allied ${ }^{18}$ 1-piece Stereo FM-AM Radio

Model 2691. Was 854.95 . Smartly styled solid-state radio delivers 6 watts peak power. Pulls in staticfree stereo FM plus fine-sounding AM. Walnut wood cabinet with fine sounding twin $4^{\prime \prime}$ speakers. Balance control; tone control. Has stereo FM and band indicator lights; AFC; illuminated slide-rule dial. Selector for FM, stereo FM, AM, phono. Input jack for any stereo record player with crystal cartridge. Stereo headphone jack. Line-cord FM antenna. built-in AM antenna; terminals for external FM anteuna. $81 / 8 \times 187 / 8 \times 512^{\prime \prime}$. AC. Japan. Order now! 10 S 5055 X. Shpg. wt., 14 lbs.................... . 39.95



## 6 -band Portable tunes both Police bands

Was $\$ 69.9$. . Big price-cut on this powerful portable. Plays on batteries or AC. Tunes both $30-50 \mathrm{MHz}$ and 147-174 MHz police/public service bands; ship-to-shore radio and maritime calls on $1.7-4.0 \mathrm{MHz}$ marine band; international shortwave on $4-12 \mathrm{MHz}$; plus FM and AM broadcasts. Easy-to-read slide-rule dial has light. Handy side-mounted controls. AFC for drift-free FM. Tone control. 31/2" speaker. Telescoping antenna: With batteries, earphone. Plastic cabinet, $93 / 4 \times 73 / 4 \times 33^{\prime \prime}$. Japan. $10 \$ 4281$ S. Shpg. wt., 8 lbs..
49.95

## Panasonic FM-AM Radio/Cassette Recorder

Plays any where on 5 "D" batteries or on 6 or 12 VDC car battery with optional car mounting bracket (below). You can order AC adapter for home use, too (below). Kecorder/player uses snap-in tape cassettes-records up to 2 hours. Record direct from radio, or live with mike. kecord level meter. Radio has vernier tuning, AFC on FM, tone control. Batts., mike, earphone. $31 / 2 \times 11 \times 11^{\prime \prime}$. Japan. 10 S 4002 S. Shpg. wt., 11 lbs... ...................... 99.95 10 S 4006 S. Maunting Bracket, Lock, Key, 4 lbs........... 19.95 10 S 4280 S. AC Adapter. Shpg. wt., 1 lh. .9 .95


## Cut $55.0039^{95}$

Sony 5-band aircraft Portable
Good enough to use in planes as back-up receiver! Tunes $110-135 \mathrm{MHz}$ VHF aviation band, $150-400 \mathrm{kHz}$ beacon band, $1.5-4.5 ~ \mathrm{MHz}$ marine band, FM-AM. Squelch/direction finder, tuning/battery meter, dial light button, tone switch. Earphone, batts., strap. $61 / 4 \times 10 \times 2 \frac{1}{2^{\prime}}$. Japan. 10 S 4361 X. Shpg. wt., 5 lbs... 149.95

## Hitachi FM-AM-Weather Radio

Was 844.95. Just press a button for latest U.S. government weather reports on 162.55 MHz in many metropolitan areas. Also tunes FM-AM. Pushbuttons for band selection and AFC. Slide-rule dial, tone switch. $800-\mathrm{mW}$ output. Telescoping antenna. Battery/AC. $61 / 4 \times 91 / 2 \times 25 / 8^{8}$. Japan. 10 S 4670 S. Shpg. wt., 4 lbs.. . . 39.95


FM-AM Battery/AC Portable Cut ${ }^{5} 3.0021^{95}$
Was $\$ 24.96$. Compact and rugged portable for outdopr or home use. Powerful solid-state circuit with RF stage on FM. Wide slide-rule dial. $3^{\prime \prime}$ speaker. Thumbwheel controls. Telescoping anteuna. 4 "AA" batteries/ AC. Vinyl-covered case. Batteries, earphone. $8 \times 5 \frac{1}{4} \times 3^{\prime}$. Japan. $10 \$ 4219$ S. Shpg. wt., 6 lbs.


## AM/VHF police pocket Portable Cut ${ }^{5} .00 \mathrm{~g}^{95}$

## Was \$18.95. Our lowest-priced AM-

 VHF portable tunes $149-173 \quad \mathrm{MHz}$ VHF police/public service band, plus standard AM. Tunes up-to-the-minute weather reports in many areas on 162.55 MHz . Easy-tuning slide-rule dial. Telescoping antenna. With 9 volt battery. $5 \times 3 \times 13 / 4$ ". Imported. $10 \$ 4769$ S. Wt., $11 / 2$ ihs.9.95

## Portable bonanza!



## Cut '15.00 6995

## 6-band battery/AC Portable

Was 884.95. Covers FM, AM, 145 380 kHz LW ; SW on 3 bands 1.6-4.3, 3.9-12, $12-26.5 \mathrm{MHz}$. BFO tuning/battery meter, dial light, tone control, fine-tuning, $6 \times 4$ " speaker. Die-cast front and frame. External antenna jack. 8 " $D$ " batteries/ AC. $8^{1 / 4 \times 12 \times 43^{3}}$. Japan. 10 S 4282 U . Wt., 15 Ibs.
.69 .95


## Cut 55.002495

## AM-police battery/AC Radio

Was s29.95. Tune in on local police. fire, and business communications Covers AM and $148-174 \mathrm{MHz}$ VHF police/public service band. 162.55 MHz weather bureau station may be heard in many areas. Full size, yet compact. Telescoping antenna. Leatherette-covered case. 4 " $C$ " batteries/AC. $6 \frac{1}{4} \times 9 \times 3{ }^{\text {F }}$. Japan. 10 S 4031 S. Wt., 4 lbs.

## Cut ${ }^{5} 15.00$ $74^{95}$

FM, AM, marine shortwave plus VHF police and aircraft bands


## Deluxe 6-band Portable

Was 589.95 . Listen to FM, AM, 2.5 6.5 MHz marine, $9-18 \mathrm{MHz}$ shortwave, $148-174 \mathrm{MHz}$ VHF police/ public service. $107-136 \mathrm{MHz}$ aircruft bands. Has squelch control, dual telescoping antenuss, AFC: l'added diecast sides. Battery/AC. 87/8x $11^{3 / 4} \times 4^{1} 2^{\prime \prime}$. Japat 10 S 4315 X. Wt., 10 lbs .
74.95


## Cut ${ }^{5} 10.004995$

## 5-band police Portable

Was 569.95 . The price is down on this exciting radio! Tunes FM-AM $1.8-4.5 \mathrm{MHz}$ marine, $4.5-12 \mathrm{MHz}$ shortwave, 148-174 MHz VHF police/public service bands. AFC on FM. Big 4' speaker, squelch control, tone control. Telescoping antenna Jack for external antenna. 6 " $C$ " batteries/AC. $10 \times 11^{3} / 4^{\prime \prime} 4^{\prime \prime}$. Japan. 10 S 4317 S . Wt., $8 \mathrm{lbs} . . . . . . . .49 .95$

## Battery/AC Portable with AM,

 2 police/public service bands

## Cut ${ }^{5} 3.0036^{95}$

Monitor local police, fire, civil defense, business colls

Has \$99.95. This 3-band radio lets you listen in on both $30-50$ and 147 174 MHz VHF police/public service bands in your area. Also enjoy your favorite AM broadcasts. Has squelch control, slide-rule dial. telescoping antenna, external antenna jack. Rugged, vinyl-padded case. $63 / \mathrm{x}$ $91 / 4 \times 31 / 2^{5}$. Operates from 6 batteries/AC. Fron Japan. 10 S 4044 S . Wt. $4^{1}{ }_{4}$ lhs.
36.95


Compact AM Radio/Phono Cut ${ }^{5} 2.001795$

W'as \$19.9o. Start a party uny-where-at beaches, picnics or in your own back yard! Battery/ AC compuct turies AM broadcasts. and phono plays 45 and $331 / 3 \mathrm{rpm}$ records. Ceramic cartridge. Dust cover. Volume control. $21 / 2 \times 6^{3} \times 11^{1 / 2}{ }^{*} .4{ }^{\text {" }} \mathrm{C}^{\prime \prime}$ batteries/AC. Japan
10 S 4442 S. Wt., 8 lbs.
17.95

## FM-AM-Police Portable Cut ${ }^{5} 3.0029^{95}$

Hiss \$32.95. Kugged radio has die-cast front. Tunes FM, AM and $144-174 \mathrm{MH}_{3}$ VHE for police/public service bind and 2-meter Amateur band Thumbwheel voluine and tuning controls. AFC: Vinyl-covered case. 4 "AA" batteries/ AC. $10 \times 6^{1 / 2 \times 41 / 2 " . ~ J a l a n ~}$
10 S 4347 S. Wt.., $31 / 2$ lbs.. 29.95


# Battery/AC Portables for exciting listening 


$\$ 10$ monthly*

## Our finest Portable! Nordmende Globetraveler IV

This battery/AC portable puts the entire world of listening pleasure at your fingertips. Tunes FM and AM, $1.5-3.7 \mathrm{MHz}$ marine, $145-420 \mathrm{kHz} \mathrm{LW}, 147-174$ MHz VHF police/public service band. Eleven shortwave bands- $3.61-22.10 \mathrm{MHz}$ are each spread full-dial width. Has IF bandwidth switch for better reception in every mode. AFC on FM, 4-watt audio power, tuning meter, battery tester. Separate bass and treble controls, $5 x 7^{\prime \prime}$ woofer and $21 / 4^{\prime \prime}$ tweeter for fine sound. Ferrite and dual telescoping antennas; jacks for external antenna and ground. Earphone and headphone jacks. Also has jacks for extension speaker, phono, tape, amplifier. Vinyl-covered wood cabinet. $81 / 4 \times 131 / 4 \times 41 / 8^{\circ}$. Batteries below. 10 S 4354 X. Imported. Shpg. wt., 12 lbs.
189.95 18 S 5079 . "D" Botteries. Uses 5. Shpg. wt., 12 oz .

Pkg. of 4 for 65

## Nordmende "Idol C" 4-band Portable

Unusual portable has 4 exciting bands. Tunes shortwave on 49 meter spread band. Covers standard FM and AM. Has two AM spresd bands designed for long-range reception-tune almost any station in the U.S. or Canada, particularly at night, for full choice of music, sports, and news events. $21 /$ watts peak power. Wood-grain plastic cabinet. $103 / 4 \times 67 / 8 \times 3^{\prime \prime}$. Operates on $6^{~ " C} \mathrm{C}^{\prime \prime}$ batteries (below.) 1054165 S. Shpg. wt., $41 / 4$ lbs.
59.95

18 S 5078 . "C" Batteries. $19 \mathrm{oz} . . . .$. Pkg. of $^{2}$ for $33 \nmid$

## FM-AM Radio/Cassette Tape Recorder

Was 879.95 . Special low price on this versatile model. Combination portable FM-AM radio and cassette recorder lets you record broadcasts directly. or make "live" recordings with mike. Two-watt output through built-in $5^{\prime \prime}$ speaker. $80-10,000 \mathrm{~Hz}$ response. Pushbutton recording controls, tone control, cassette ejector. Recording level/battery meter, telescoping antenna. Uses AC or 6 " $D$ " batteries. $8 \times 107 / 8 \times 31 / 4^{\prime \prime}$. With earphone, batteries and mike. From Japar.
$10 \$ 5167 \mathrm{X}$. Shpg. wt., $71 / 4 \mathrm{lbs}$.
69.95

## Sharp FM-AM car/portable/home Rodio

Was $\$ 39.90$. Great for car, boat, home use-carry it with you anywhere. This FM-AM radio locks into a bracket (included) under your car's dash. Operates on 6 or 12 VDC positive or negative ground car battery, on 3 " C " batteries or AC. Powerful circuit for extra range. AFC on $\mathbf{F M}$, pushbutton tone control, big 4 speaker. Ferrite AM and telescoping FM antennas, plus pushbutton for car/antenna jack. Pilot light turns on when used with car battery: With mounting bracket for car, lock, key, batteries. AC cord and earphone. U.L. Listed. Japan.
10 S 4154 S. Shpg. wt., 5 lhs.
37.95

## Best values in unique table and clock-Radios

Clock-radios on this page have 60 -minute sleep switch. Wake you to music or buzzer. All are solid-state. For AC.

## FM-AM Clock-Radio with 2 speakers

Has $\$ 34.95$. Our most popular clock-radio! Compact model features low-profile design for bedside, shelf or desk. Two speakers for expanded tonal range. Wide slide-rule dial provides easy, preciise tuning. AFC assures drift-free FM. Hi-low tone switch. Fullfeature clock-system has "snooze" button to stop alarm for ten minutes extra sleep. Large, illuminated clock face with sweepsecond hand. Walnut-grained plastic cabinet with chrome trim. $41 / 2 \times 11 \times 7^{\prime \prime}$. Japan 10 S 4185 X. Shpg. wt., 5 lhs.

## (A) FM-AM Radio with modern digital clock

Wras $\mathbf{3} 54.95$. Beautiful contemporary-styled radio has walnut-grained cabinet. smoked-glass dial, chrome trim. Precision digital-elock dial is softly illuminated. AFC plus AGC provide drift-free, stable FM, good AM reception, too. Lighted slide-rule tuning dial. FM-AM band indicator. Large $31 / 8^{\prime \prime}$ speaker. Earphone for private listening. Built-in antennas. $3^{3 / 4} \times 11^{3 / 4} \times 5^{*}$.Japan.
10 S 4001 X. Shpg. wt., $3 \frac{8}{4}$ lhs.

## (8) Panasonic FM-AM Radio with digital clock

Modern space-age design with separate FM-AM tuning dials that light up independently. Continuous tone control. AFC for drift-free FM. 4" speaker provides full-range sound. Illuminated clock face features precise, digital time indication. "Sure-awake" alarm. Oiled walnut end-panels. Earphone. $41 / 4 \times 128 / 4 \times 6^{3} /{ }^{\prime \prime}$ Japan. 1054201 S. Shpg. wi., 6 lbs..
59.95

## C Space-saving FM-AM Clock-Radio

Compact clock-radio, designed to save space on a night stand or shelf, offers fine FM-AM reception. Has vertical sliderule tuning dial; built-in AFC for drift-free FM. Telechron clock-system has "snooze" button, luminous dial, sweep-second hand. High-impact polystyrene cabinet. $7 \times 45 / 8 \times 3^{3 / 4}{ }^{4}$. Japan.
10 S 4192 s . Shpg. wt., 4 lbs .
23.45

## [0 Cube-shaped FM-AM Clock-Radio

Unique design saves space, gives appearance of a clock alone. Wake up to your favorite FM or AM program. AFC locks in FM stations. $3^{*}$ speaker. Full-feature Telechron clock with snooze button, luninescent dial, front controls for easy setting. Pedestal base. Walnut-grained plastic with black and silver trim. $41 / 2 \times 43 / 4 \times 53 / 4$. Japan. 1054207 S. Shpg. wt., $31 / 2$ lhs.
29.95

## E Deluxe twin-specker FM-AM Clock-Radio

Was 899.95 . Outstanding clock-radio value! Provides that desired extra tonal range with two $31 / 2^{\prime \prime}$ wide-range speakers. Convenient slide-rule log scale tuning dial. Switchable AFC for drift-free FM. Tone control. Telechron clock has 10-minute "snooze" bar. Handsome walnut-finish plastic cabinet with chrome trim. $63 / 4 \times 11^{3} / 4 \times 3 \frac{3}{4} 4^{\prime \prime}$. Japan. fo $\$ 4078$ X. Shpg. wt., $4^{1} / 2 \mathrm{lbs}$.
29.95

Two-speaker FM-AM Radio in wood cabinet
Was 824.95. Monophonic table radio has two speakers, $3^{\circ}$ and $28^{\circ}$ oval dynamic for good sound reproduction. Vertical slide-rule dial. Switchable AFC locks-in FM stations, prevents drift. Tone control. Handsome walnutfinished wood cabinet, die-cast front, chrome trim. $5 x$ $11^{3} 4^{x} 4^{1} / 4^{*}$. Imported
1054209 S. Shpg. wt., $41 / 2$ lbs.
19.95


2995


# Big values in stereo Radio Combinations 



## Stereo FM-AM Radio/8-track Tape Player with BSR 3-speed stereo Mini-Changer

## Save ${ }^{540.00} 134^{90}$

Separately, $51 \pi 4.90$. Radio has AFC for drift-free FM, balance, bass, treble controls, illuminated slide-rule dial. Stereo headphone jack. Tape player plays all 8-track pre-recorded stereo cartridges. Automatic/ manual channel changing. Two $5^{\prime \prime}$ speakers in matching enclosures. 16 -watt peak music power. Walnut-finish wood cabinets. Radio, $31 / 8 \times 161 / 2 \times 91 / 8^{\circ}$. Speakers, $101 / 4 \mathrm{x}$ $7^{1 / 4} \times 51^{\prime}$. Japan. AC. BSR Mini-changer plays up to 6 records. Has ceramie cartridge, synthetic-sapphire stylus, $45-\mathrm{rpm}$ spindle. $12 \times 81 / 2^{\prime \prime}$. England.
$10 \mathrm{~S} 0051 \mathrm{L2U}$. Shpg. wt., 31 lbs.
134.90

Stereo FM-AM-Phono plus stereo Cartridge Player

Telex-Phanola. Separately, \$249.90. Save $25 \%$ on this complete home entertainment system. Y'ou get 4 pieces: Matching air-suspension Speaker Systems; 4 -speed Stereo Changer with cuing lever, pickup-arm weight adjustment, stereo cartridge with diamond stylus, $45-\mathrm{rpm}$ adapter ; silicon solid-state Stereo FM-AM Radio with volume, balance, tone controls, jacks for tape player and extension speakers; plus solid-state 8 -track Stereo Tape Cartridge Player. Oiled walnut. Speakers, $91 / \times 71 \frac{2}{2} \times 61 / 2^{\prime \prime}$. Phono-Radio, $101 / 2 \times 22 \times$ $151 / 2$. Tape Player (Japan), $71 / 2 \times 41 / 2 x$ $101 \frac{1}{8}{ }^{\circ}$. U.L. Listed. AC
10 S 0027 L2U. Shpe. wt. 58 lhs. 187.88


## Dramatic Stereo Phonos.. modern cabinet styling at sensible low prices

Deluxe Telex-Phonola Portable Phono/FM-AM Stereo Radio with Two Omnidirectional Speaker Systems. Detachable air-suspension speaker systems; dropdown 4 -speed stereo changer with low-mass tubular piokup arm for accurate tracking, automatic intermix. shutoff, stereo cartridge with diamond stylus. Silicon solid-state stereo FM-AM radio has slide-rule dial, mode beacon lights. Volume, balance, tone controls. With $45-\mathrm{rpm}$ spindle. Attractive pecan vinyl-covered wood cabinet. $141 / 2 \times 301 / 2 \times 7^{\prime \prime}$. U.L. Listed. AC.10 S 4372 U. Shpg. wt., 35 lbs.....
139.95

(B)
Telex Stereo Phono with 8-Track Stereo Cartridge Ployer. Solid-state unit features rich sound and styling. Drop-down 4 -speed changer with low-mass arm for light tracking. automatic intermix and shutoff, $45-\mathrm{rpm}$ spindle, diamond stylus. Tape player has lighted channel indicators, manual/automatic track changeover, tape/phono switch. Volume, balance controls. Detachable $6^{\prime \prime}$ speaker systems. Charcoal gray cabinet, $211 / 2 \times 153 / 4 \times 12^{\circ}$. AC.
10 S 4371 U. Shpg. wt., 35 lbs...
139.95

[6
3-pc. Stereo FM-AM Radio with 8-Track Stereo Cartridge Ployer and Record Changer. Radio offers illuminated dial, stereo light, AFC. Cartridge player has channel selector, indicator lights. Record changer features 4 speed, ceramic cartridge, dust cover. Bass, treble, balance controls. Two $61 / 2^{\prime \prime}$ speakers. Tape deck input; headphone jack. 20 -watt peak power amplifier. Walnut-grained plastic cabinets. Main unit, $10 \times 20 \times 11^{\prime \prime}$. Speakers, $13 \times 10 \times 7^{\prime \prime}$. AC. Japan. 10 S 4213 U. Shpg. wt., 30 lbs.
179.88

Panasonic "Princeton" SG-999 Entertainment Center. Stereo FM/AM radio has FET tuner for high signal-pulling power and low noise, AFC for driftfree FM. Precision 4-speed changer rises into position when lid is lifted, eases back into dust-free compartment when lid is closed. Has diamond flip-over stylus. Two 2 -way speaker systems, each with $7^{\prime \prime}$ woofer and $21 / 2^{\prime \prime}$ tweeter, provide rich sound. Balance, tone, volume controls. 20 watt peak power amplifier. Radio/Phono, $18 \times 8 \times 12^{\prime \prime}$; speakers, $13 \times 10 \times 7^{\prime \prime}$. AC. 10 S 4161 U. Japan. Shpg. wt., 40 lbs............ 199.95


# Save on color and black-and-white TV Sets 

## Midand Color TV for less than $\$ 200$ Cut ${ }^{5} 60.00 \quad 19995$

14" Diagonal Measure Picture. Was 2559.95 . Take advantage of this exciting low price before sale ends! Rare earth red phosphor assures vivid real-as-life color pictures. 102 sq. in. viewing area. I're-set VHF fine-tuning -just set once for each station; slide-rule UHF tuning. Keyed automatic gain control. Automatic color purifier. Boasts 3 video IF stages, 2 audio. 21,000 volt picture power Dual telescoping antennas. Walnut vinyl, chrome trin. $14^{7} / 16 \times 205 / 8 \times 16^{1 / 2 "}$. T.L. Listed. AC. From Japan
10 S 4058 Z. Shpg. wt., $611 / 2$ lbs........ 199.95

## Big-screen Color TV by Sharp Cut ${ }^{5} 25.00 \quad 29995$

18" Diagonal Measure Picture. W'as \$324.95. When you snap on this color TV, top stars and celebrities seem to be sitting right in your living room. And you save $\$ 25.00$ ! Pre-set fine-tuning control. Three IF stages; automatic degaussing; 21,500 volts picture power. Illuminated VHF channel window. VHF-UHF antennas. Walnut grain metal. $171 / 2 \times 245 / 8 \times 191 / 2^{\prime \prime}$. U.L. Listed. AC. Japan. 1054075 Z. Shpg. wt., $85 \mathrm{lbs} .$.
299.95

## 18" COLOR TV

Our finest! Largescreen color TV has 180 sq. in. picture

Black-and-white Portables


Cut s'10 6495
(A) Family-size 19" portable TV

190 Diagonal Measure Picture. Was $\$ 119.95$. Big 184 sq . in. viewing area. Sliderule UHF tuning. 19,000 volts. VHF-UHF antennas. Earphone. Walnut vinyl. $17 \times 21^{7 / 8 \times 13^{\prime}}$. U.L. Listed. AC. $10 \$ 4073$ U. Japan. 42 lbs..
99.95
[B] "Instont-On" 9 " portable TV
9 " Diagonal Measure Picture. Was 874.95. Compact TV comes on in-
volts. VHF-UHF antennas. Earphone. $91 / 4 \times 13^{3} / 8 \times 93 / 4$ ". U.L. Listed. AC 10 S 4089 U. Japan. 18 lbs.

16" Diagonal Measure Picture. Was 899.95. Automatic gain control for stable picture. 141 sq . in. viewing area. 15,000 V. VHF-UHF antennas. Earphone. $141 / 2 \times 193 / 8 \times 123 / 8^{\prime \prime}$. U.L. AC
10 S 4060 U. Japan. 30 lbs.
84.95
(D) Lightweight $12^{\prime \prime}$ portable TV
$12^{\circ}$ Diagonal Measure Picture. Was 579.95. 75 sq. in. viewing area. Has AGC and AFC. 13,000 volts. VHF, UHF antennas. With earphone. 113 /6x $153 / 4 \times 10^{3} 4^{*}$. U.L. Listed. AC. 10 S 4083 U . Japan. 21 lbs.


## Cut $\$ 5.007495$

## (c) Slimline $16^{\prime \prime}$ Portable TV

tems with suffix $U, W$ or $Z$ in Stock No. sen truck or express. See poge 34-B or Catalog 290.

## Black-and-white battery/AC portable TV

## 4" TV with FM-AM Radio

With AC adapter/ chargèr, earphone Digonal Measure Picture. Portable offers VHF-UHF TV on a 9 sq . in . viewing area, plus FM-AM radio. Battery pack or batteries, below. $33 / 4 \times 9^{3} / 4 \times 81 / 4$ ". 10 S 4321 S. Japan. 11 lbs..
104.95 18 S 5079 . "D" Batteries. Uses 9. Shpg. wt., 4 oz.......Pkg. of 4 for 656 10 S 4322 S . Rechargeable Battery Pack. Shpg. wt., 2 lbs................... 24.95 10 S 4055 S .12 VDC Car Cord. Neg. or pos. gnd. Shpg. wt., 1 lb ................ 5.95 10S 4102 X. Car Antenna and Stand. Shpg. wt., 3 lhs.
24.95

## Portable with big $12^{\prime \prime}$ picture

## Cut ${ }^{5} 15.00$ <br> 9495

 Solid-state TV with suil screen has 75 sq. in. viewing area. VHF-UHF antennas. Uses AC, 12-VDC car or boat battery, or battery pack, below. Earphone. $123 / 4 \times 141 / 2 \times 121 / 8^{\prime \prime}$. U.L. Listed. 10 S 4088 U. Japan. Wt., 21 lbs..... 94.95 10S 4337 X. Rechargeable Battery Pack. Bottery, Case. Wt., 6 lbs............. 15.95 10 S 4330 S . 12-VDC Car/Boat Adapter Cord. Shpg. wt., 1 lb .
| 3995 .asimp
Save ${ }^{5} 10.0086^{90}$.nnt.
(A) Sony $11^{\prime \prime}$ Portable TV
$11^{\prime \prime}$ Diagonal Measure Picture. 71 sq. in. viewing area. Snap-in sunscreen. Uses AC or optional battery pack, below. Built-in battery charger. VHF-UHF antennas. Earphone. 11/8x11/4×1111/6".
10 S 4259 U. Japan. 17 lbs.......... 139.95 IOS 4260 X. Rechargeable Battery Pack. Shpg. wt., 6 lbs..
22.95

## (B) 9" TV plus FREE Car Cord

$9^{*}$ Diagonal Measure Picture. Separately, 896.90. Gives excellent black \& white pictures on home $A C ; D C$ in car or boat with ear cord (incl.). 38 sq. in. viewing area. Glare-free screen. Earphone jack. Solid state. $83 / 4 \times 13 \times 91 / 4^{\prime \prime}$. Japan.
10 S 0066 L2X. Wt., $138 / 4$ llbs........ 86.90 ios 4542 X. Battery Pack. 6 lbs....... 29.95

## (C) New! Ponasonic $5^{\prime \prime}$ TV/FM-AM Redio

 $5^{\prime \prime}$ Diagonal Measure Picture. Here's a pop-up TV with 16 sq . in. viewing area, plus AM-FM radio! Touch the lid and up pops TV; push TV down to form carrying case! Uses batteries or AC; has battery charger. VHF-UHF antennas. With rechargeable batt's, earphone. $51 / 2 \times 11 \times 12^{\prime \prime}$. 10 S 4258 S. Japan. 13 lbs...149 .95

## (0) Pumasonic 5" portable TV

5" Diagonal Measure Picture. Solid-state portable TV with a built-in set of rechargeable batteries, plus AC supply/ battery, recharger. 16 sq. in. viewing area. Slide-rule UHF tuning. Automatic gain control. VHF-UHF antennas. Power indicator. Earphone. $91 / 2 \times 6 \frac{8}{8} \times 81 / 4^{\prime \prime}$. 10 S 4266 S . Japan. 17 lbs.......... 129.95

# Precision-ground Binoculars and Telescopes 



## Powerful $20 \times 50 \mathrm{~mm}$ long-range Binoculars . . Our most popular model <br> Cut ${ }^{5} .4524^{50}$ \$5 monthly*

Was \$29.95. Value-priced high power binoculars put you close to the action and provide a full 157 -foot field of view at 1000 yards. Ideal for all types of activities involving long-range viewing . . satellite tracking, birdwatching, long-distance game hunting. Has hard-coated achromatic objective lenses. Center focus with right eye adjustment. Roll-down rubber eyecups prevent damage to eyeglasses or sunglasses. $61 /{ }^{\prime \prime}$ high. With deluxe carrying case. From Japan.
10 S 4190 S . Shag. wt., 3 lbs.
24.50

## Cut s 10.00



## $7 \times 35$ wide-angle binoculars for all-purpose viewing

Was sis y.95. Special sale value! Wide field of vision makes these binoculars ideal for sports fans and outdoorsmen . . get seven times closer to the action. Full $10^{\circ}$ field of view- 525 feet at 1000 yards! Big 35 mm coated objective lenses. Compact, weigh only 22 oz. Centerwheel focus. Handsome black finish with attractive chromium-trimmed eyepieces. With plush-styled carrying case. Japan. Shpg. wt., 2 lbs.
10 S 4291 S.


Powerful 25x70 Binoculars

## Cut $54^{95}$

 s 15.00\$5 monthly*
Was \$69.95. Our most powerful binoculars! Full 25 power and 70 mm lard-coated achromatic objective lenses pull in distant objects. Full $131^{\prime}$ field of view at 1000 yards. $10^{\prime \prime}$ high. Japan. Use with tripod below. 10 S 5130 S . Wt. 7 lbs.. . . 54.95 10 S 5062 S. Tripod. 3 lbs... 6.95


## Two of our best Telescope bargains

(A) 40-540X Zoom Refracting Telescope. Was \$119.95. Astronomical/terrestrial refractor has 60 mm Fraunhofer-type objective lens, $7.5 \mathrm{~mm}-22.5 \mathrm{~mm}$ zoom eyepiece, 5 mm aux. Right angle scope plus 3X Barlow lens. Equatorial mount. With group viewing screen, tripod and parts tray. $30^{\prime \prime}$ long. Japan. 10 S 5129 U. Shpg. wt., 34 lbs.
99.95
[B] 45-150X Reflector Astronomical Telescope. 24 mm achromatic objective lens, 900 mm focal length. Uses aluminized and quartz overlaid primary mirror. Micro-focusing for pinpoint observation. 6 mm and 20 mm Huygenian eyepieces. Finder scope, sun filter. With tripod case. Japan. 10 S $4290 \times$. Shpg. wt., 30 lbs.
64.95

## Save on Polaroid Color Pack Cameras

## Color Pack $360^{*}$ has electronic flash

Was \$179.95. Our lowest price ever on the Color Pack 360*. Gives you perfect prints every time in just seconds. Just load, aim and shoot . . the camera does all the work for you
Has clip-on rechargeable electronic flash for super-action pictures at 1/1000 see.; charger; built-in electronic development timer that beeps when picture is ready. Triplet lens, electronic shutter with two exposure ranges for color and two for B\&W. Zeiss Ikon range/viewfinder automatically corrects for parallax and depth of field. Metal housing.
Uses Close-Up, Portrait Kits below. Order a complete outfit from the accessories offered on this page. 10 S 5087 S. Shpg. wt., 7 lhs... . 164.95 10 S 4859 S. Close-Up Kit. $1 \mathrm{lb} . . .10 .95$ 10 S 4704 S. Portrait Kit. 1 lb...... 10.95

## Cut ${ }^{5} 15.00129^{95}$

## Color Pack $350^{*}$ times prints

Was $\$ 144.95$. New low price on the popular Color Pack 350*. Features built-in development timer that buzzes to let you know when your color or black and white print is ready. Camera boasts triplet lens, electronic shutter with four exposure ranges. Zeiss Ikon range/viewfinder for correct parallax and field size. Easy load-aim-shoot operation. Metal housing. Camera accepts accessories listed below 10 S 5089 S. Shpg. wt., 3 lbs.... 129.95

## Color Pack 330*. . triplet lens

Fas 874.95 . Enjoy the convenience of the Color Pack 330* with big savings. Camera features triplet lens, electric eye and electronic shutter for correct exposures automatically. Has built-in timer for exposures up to 10 seconds. Easy. fast loading and operation develops and prints in seconds. Dou-ble-window type range/viewfinder. Plastic housing. Choose filgy and accessories below.
10 S 5091 S. Shpg. wt., 3 Ibs..... 84.95

## Easy-to-use Color Pack II*

Was \$29.95. Our lowest priced Color Pack camera reduced even more. Features electric eye, electronic shutter and triplet lens. Has viewfinder, range finder, built-in flash. Fast loading, easy to use. Use film, many accessories listed below.
10 S 5093 S. Shpg. wt., $23 / 4$ lbs... 26.50 10 S 5094 S. Carryall Case. $11 / 2$ lbs. 3.95 10 S 5126 S. Print Copier. 1 lb..... 7.95 1054865 S. Flashcubes. 4 shots per cube. Shpg. wt., 6 oz . Pkg. of 3 for 1.59

## Outfit your Color Pack with Film, Accessories for Polaroid cameras

10 S 4928 S. Print Copier. Make color or B\&W prints withyour Polaroid camera. Not for Colorpack II. 1 lb..... 7.9510 S 5088 S. Carryall Case. Shpg. wt., $11 / 2$ lbs.......... 10.9510 S 4883 S. Development Timer. Wt., 4 oz................. . . . 6.951054884 S. Self-Timer. Delays shutter. Wt., 4 oz...... 4.9510 S 4909 S. Flash Attachment. For 200 - and 300 -series(except 360) cameras. Uses M-3 flashbulbs. $11 / 2$ lbs.... 8.9510 S 4903 S. M-3 Flashbulbs. Wt., 6 oz .......... Pkg. $12 / 1.59$10 S 4885 S. Cloud Filter. Not for Models 320, 210, 220 orSwingers. Shpg. wt., 7 oz.

## 10 S 4886 S. Cable Release. Shpg. wt., 4 oz.

10 S 4879 S. Type 107 B\& W Film. 8 exposures. 6 oz. ..... 2.90
10 S 4880 S. Type 108 Color Film. 8 expos. 6 oz.. ..... 4.90
10 S 4784 S . Album. Holds $9031 / 4 \times 41 / 4^{\circ}$ photos. $1 \mathrm{lb} . .$. ..... 4.95
ACCESSOR Y LENSES. For Color Pack 360, 350, 34230. With viewfinder, leather case. Japan. 1 1b.
$10 \$ 4708 \mathrm{~S}$. Telephoto Lens. 2X magnification. ..... 19.95
10 S 4709 S. Wide-Angle Lens. $75 \%$ more coverage. ..... 19.95
10 S 4854 S. Wide-Angle/Telephoto Lens Outfit. Separately

# Buy from Allied for great Camera Bargains . . 



Automatic
$135 \mathrm{~mm} \mathrm{f} / 2.8$
Telephoto Lens


Deluxe Preset 135 mm f/ 2.8
Telephoto Lens


Ulitracompact CdS metering 35 mm Camera

Olympus 35EC. NEW! World's smallest full-frame electronic camera, . only $43 / 4 \times 2 \times 21 / 4^{\circ}$. Features electronic exposure control with CdS metering. Automatic system does not permit flash if available light is sufficient. Hot shoe plus PC terminal, 42 mm f/ 2.8 lens. Screw-in mount. Zone focus ing symbols visible in viewfinder. Japan.
10 S 4272 S. Shpg. wt., 2 lbs..
84.95

10 S 4297 S. Pouch Case for above. 11 oz.
.5 .95


Olympus 35SP. Was 899.95 . Big savings on the world' first 35 mm rangefinder cumera with dual light meter system! Select averaging or spot CdS metering to get the correct exposure for the picture you want. Automatic or manual shutter operation. Has double image coupled rangefinder. 42 mm f $/ 1.7$ lens. Speed range, $1-1 / 500 \mathrm{sec}$. plus B. Self-timer. FP/X synch. From Japan 1054013 S . Shyg. wt., 5 lbs.
79.95

## Light-averaging SLR with 135 mm Telephoto Lens Save ${ }^{5} 30.00$ 25945

Minolta SR-T 101. Separately, s289-45. Control-integrated viewfinder shows focusing, composing, shutter speed and exposure data. CLS light-averaging system. Has 55 mm f/1.7 lens in bayonet mount. 1-1/1000 sec. plus B. Depth of field preview. Self-timer. FP/X synch. Japan. Case included. With automatic telephoto lens.
10 S 0025 L2S. Shipg. wt., 6 lbs..
259.45

10 S 4775 S. Camera Alone. Shpg. wt., 5 lbs........ 219.50 $10 \mathrm{~S} 5158 \mathrm{~S} .35 \mathrm{~mm} \mathrm{f} / 2.8$ Autornatic Wide-Angle Lens for above. Japan. Shpg. wt., 1 lb ..
69.50

## Thru-lens electronic SLR plus Telephoto Lens Save ${ }^{5} 25.00 \quad$ I8990

 circuit exposure-readout system gives accurate settingsCdS sensors measure light, warning arrows indicate exposure correction. Has $50 \mathrm{~mm} / / 2$ lens in screw mount Focal plane shutter with speeds from $1 / 2$ to $1 / 500 \mathrm{sec}$. plus B. Self-timer. Fl'/X synch. Case. Japan. With preset lelephoto leñs. Has $18^{\circ}$ coverage; stops to $\mathrm{f} / 22$. 10 S 0010 L2S. Shpg. wt., 6 lbs..
189.90
to S 4301 S. Camera Alone. Shpg. wt., 5 libs.
10 S 4994 S .35 mm f/2.8 Wide-Angle Lens for above. 9 oz .36 .95


## Thru-lens metering SLR with Dual Lens Outfit

Mamiya 528TL. Separately, \$124.90. Low-priced single lens reflex camera boasts both automatic exposure control and manual override. Thru-the-lens CdS exposure meter "spot-reads" for correct exposure settings. Instant return mirror. Has non-interchangeable $48 \mathrm{~mm} / \mathbf{/ 2 . 8}$ lens. Shutter speeds from $1 / 500$ to $1 / 5 \mathrm{sec}$., plus bulh. Camera case included. With auriliary lens set ...telephoto and wideangle lens with case. From Japan.
10 S 5040 S. Shpg. wt., $41 / 2 \mathrm{lbs}$.
99.90


Miranda Sensorex. Was $\$ 214.95$. Thru-the-lens CdS exposure meter reads "modified spot" indicated in view-finder-just match needles for precise setting. $50 \mathrm{~mm} 1 / 1.8$ lens. Bayonet mount for autoinatic lenses, inside screw mount for preset types. Interchangeable viewfinder. Depth of field preview. Focal plane shutter, 1-1/1000 sec., B Self-timer. FP/X synch. Case included. Japan
10 S 4806 S. Shpg. wt., 5 lts
199.95

## and Accessories

## Automatic-focusing Slide Projector

Never before have we offered an electronic-focusing Slide Projector af such a low price!

Model 3400. Does all the work for you. Just focus the first slide by remote-control, all others focus automatically in just $1 / 40$ th second. Remote control forward and reverse, too. Has 4" $\mathrm{f} / 3.5$ three-element lens for razor-sharp pictures. Thumb control for elevation and levelling leg. Exhaust system insures cool operation. Uses Airequipt metal or plastic trays, or stacker. For all $2 \times 2^{\prime \prime}$ slides. Rugged plastic cabinet. AC. Buy now at this special price!
10 S 4144 U. Shpg. wt., 14 lbs.
69.95

## Semi-automatic Projector

Model 125. Was \$49.95. Thrifty, lightweight model lets you relive your favorite moments. Sharp, clear projection of all your $2 \times 2^{\prime \prime}$ slides. Has 4" three-element lens panel controls for focusing and elevation. Three-way on/off switch. Bright 500 -watt lamp. Cooling system lets you enjoy voúr slides for hours without worry. With $100-$ slide magazine. Takes Airequipt metal or plastic trays. or stacker. For AC.
1054750 X. Wt., 10 lhs.


Cut


## FAST-ACTING ELECTRONIC FOCUSING

Automatically focuses each slide in just $1 / 40$ second


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\begin{gathered}
\left.\begin{array}{c}
\text { Electronic flash units } \\
\text { eliminote bulb hondling } \\
\text { Cut } \$ 5.00 \quad 3995
\end{array}\right]
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Kako Super Elite. Was \$4.95. Features automatic voltage control circuit, recharge indicator lamp, multiple flash socket. Kodachrome II Guide No. 64. Recycles in 5-8 seconds. 50 flashes/ charge. $1 / 1500$ flash duration. Color temp., $6000^{\circ} \mathrm{K}$. Operates on batteries or AC. Univ. mount, PC cord, 4 NiCad recharg. batteries. Japan.
10 S 4011 S . Wt., 3 lbs...
39.95
$18 \$ 5629$. A I I. 5 V NiCad Battery. Shpg. wt., 3 oz.

Each 1.93
Be a better photographer with these Accessories
(A) $2 \times$ Tele Converter Lens. Doubles the focal length of your camera's norinal or telephoto lens. Automatic. Case.
10 S 4249 S. Pentax mount.
Strog. wt., 10 oz .
14.95

10 S 4252 S . Minolta mount.
Shpg. wt., 10 oz.......... 19.95
(B) Vivitar 24 Exposure Meter. Compact CdS handles exposures at levels ranging from moonlight to reflected sunlight. Direct reading dial. Built-in accessory shoe fits most cameras. Shutter speed range, 1 / 8000 sec. to 15 minutes. 6-6400 ASA. f/1.0 to f/24.
1054224 S. Wt., 8 oz.... 14.95 10 S 4231 S. Vivitor 43. Above, ASA 6-25,000; shutter range $1 / 8000$ sec. to 2 hours. . 19.95

C Vivitar 704 Camera Case. Durable and stylish case has adjustable divider sections, heavy-duty interior fabric. Two outside pockets with snap locks. Cushioned shoulder strap. Black leather grained finish, zipper top. $121 / 4 \times 7 \times 8^{\prime \prime}$. 10 S 4233 S . Wt., $21 / 2$ lbs. 19.95 10 S 4243 S . Above, but $81 / 2 x$ $41 / 2 \times 5 \frac{1}{2 \prime}$. Single outside pocket. Shpg. wt., $11 / 2$ lbs. ... 9.95
(D) Aluminum Tripod: Boasts channel-type aluminum legs with non-slip nylon feet. Has vertical tilt and $360^{\circ}$ pan head, with indicator. Leg and column locks. Extends to $57^{\prime \prime}$, telescopes down to 23". Japan. Wt., 5 lbs. 10541745
24.95

Mounts 2 ways

## Cut ${ }^{5} 2.00 \quad \$ / 2^{95}$

Viceroy. Whas \$14.95. Low-priced electronic flash operates on two batteries or AC. Flash duration, $1 / 2000$ sec. Color temp., $5700^{\circ} \mathbf{K}$. Guide No. 28 (ASA 25). With 12 -foot AC cord. Order batteries below (uses 2 of either type). Japan. 1055077 S. Shpg. wt., 2 lbe.. 12.95

185 5083. "AA" Batteries. 4 oz................. Pkg. $2 / 27$ ¢
18 5 5426. Alkaline Botteries. 8 oz .......... Pkg. $4 / 1.31$


With folding pistol grip

## Save $\$ 9.95$ with $\quad$ bonus $\mathbf{g}^{95}$

Model 281. Separacly, 8199.90 . Our best-selling zoom movie canmera with bonus carring case. Deluxe Viceroy camera features 8 -to-1 ratio power zoom with $i / 1.7$ lens. Fully automatic behind-the-lens metering system. Viewfinder shows $/$ stop in use. Automatic and manual override. Electric film drive operates at speeds of $1,12,18$ and 32 frames per second. Uses super 8 film cartridges. Built-in type "A" filter. Battery tester. Pulse indicator. Handy fold-away locking pistol grip. On-Of lock. Japan. Bonus case. Features zip-top for easy access.
10 S 0006 L S. Shpg. wt., $5^{1 / 2}$ l lbs..
119.95

10 S 4151 S . Case Alone. Shpg. wt., $11 / 2 \mathrm{lbs}$.


Fantastic price reduction on full-feature Dual 8 Projector

## Cut ${ }^{5} 40.00 \quad 99^{95}$

Model 86. Has 8139.95. DeJur dual 8 zoom projector at anl amazing low price! Has fully illuminated still projection for vivid stop action; forward and reverse; variable speed und slow motion controls. Automatic reel-to-reel threading. fast rewind. Room light receptacle. f/i.5 zoom lens lets you instantly adjust picture size. $400^{\prime}$ reel. long-life 500 -watt brilliance quartz lamp.
10 S 5177 U . Wt.. 20 lbss.
99.95

Save s44.85 $\quad 15995$
Scparately, s204.80. Ultracompact Argus 806 camera has thru-lens CdS exposure control, fixed focus $1 / 1.8$ zoom lens, "A"' filter. pistol grip. Model 879 projector has automatic threading, f/1.5 lens, 500 -watt brilliance lamp, $400^{\prime}$ takeup reel, selfcontained case. Accessories: cannera case, sealed-beam movie light, super 8 film cartridge, splicer, 4 "AA" batteries, book, $30 \times 40^{\circ}$ tripod screen.
10 S 0060 L2U. Japan. 30 lbs.... 159.95 10 S 4285 S. Camero Alone...... 74.95 10 S 4792 U. Projectar Alone...... 89.95 1054793 X. Access. Alone. 7 lbs. . 29.95 10 S 4436 U. Screen Alone. 7 Ibs... 9.95


Model 40E. Was 8149.95 . Camera boasts automatic exposure control. Behind-lens CdS cell samples light, and servo motor adjusts diaphragm-instantly. $4: 1$ ratio power zoom lens ( $1 / 1.89-36 \mathrm{~nm}$ ) focuses $3.5^{\prime}$ to infinity. Single frame. 12, 18, 24 frames per second. Adjustable viewfinder, film footage counter. " $A$ " filter. With wrist strap, batteries. Japan.
10 S 4732 S. Wt., 4 lbs.
134.95

Cut 53.00 $29^{95}$

## Baia Instaview dual 8 Editor

Model 120. Was 582.95 . Has variable forward/reverse electric drive. 12 sq. in. screen. Focusing, framing, lamp controls. Frame marker. $400^{\prime}$ capacity. With reel holders, splicer, tape. AC.
10 S 4294 X. Wt., 10 lbs..
29.95

[A] Panasonic Solid-State Electronic Blendor with Pushbutton Timer. Mix tasty juices and drinks, whip up delicions desserts in just seconds! Handles the tough jobs too . chops, grates, liquefies quickly and easily. Pushbuttons select 5 -second intervals from 5 to 75 seconds. 40 -ounce heat resistant container opens at both ends for easy cleaning. 2-ounce measuring cap. 1000 watt inotor. Recipe/instruction book. U.L. Listed. AC. 10 S 4639 X. Japan. 101/2 1bs..... 49.95
(B) Panosonic Automatic Percolator. Makes 12 cups of delicious coffee. Fully automatic brewing, simply fill with desired amount of water and coffee, plug in, and wait for signal light to let you know when coffee is ready. Mild-to-strong slide-rule strength indicator. Thermostat keeps coffee hot. Coffee-level indieator. All stainless steel for easy cleaning and never a metallic taste. AC. U.L. Listed. Japan.
1054640 X . Shpg. wt., $41 / 2 \mathrm{llbs}$. . 19.95

C] Panasonic Four-Slice, Self-Lowering Automatic Toaster. Bread magically lowers to toasting position, and special thermostats pop it up fully toasted to the shade you like best. You preselect shade with Dual ShadeSelector Dials which let you choose shade for each pair of slices. Flipopen bottom tray. Chrome finish. AC. Japan. U.L. Listed.
10 S 4641 X. Shpg. wt., 7 lbs.... 29.95 $10 \$ 4642$ X. As above, but toasts two slices. Shpg. wt., 31/2 Ibs........ 16.88
(D) Panasonic Tempura-Fondue CookerServer. Now old world Swiss Fondue, exotie Japanese Tempura and other delicious delicacies can be prepared right at your table. Automatic thermostat permits settings up to $400^{\circ}$-cooking oil does not acquire taste of food. is reusable for cooking various menus at one meal. Teflonlined for no sticking. Double-safety automatic shutoff. Avocado. 2 -quart mapacity. U.L. Listed. AC. Japan. 10 S 4643 X. Shpz. wt., 8 lbs.... 29.95
[ Lewyt Canister Vacuum Cleaner. Was \$29.95. Amazing low price for this powerful, compact cleaner! Cleans everything-rugs, bare floors, draperies, upholstery, mattresses, stairs. Whisks through closets, corners, and hard-to-reach spots in a wink. Has varispeed power dial. With 7-pe, accessory kit: dusting brush, upholstery nozzle, crevice tool, carpet and floor nozzle, vinyl hose, 2 wands. 1-hp motor. AC. U.L. Listed.
10 S 4376 U. Shpg; wt., 14 lbs.. . 24.95
F Shetland Shampoo/Floor Polisher. Was £29.9.9. Hervy-duty 2-speed rug cleaner and floor polisher. Takes the stoop out of scrubbing-provides the muscle for polishing-makes waxing and buffing a breeze. And you do a professional-like job of rug shampooing right in your own home. With 120 -ounce dispenser, 2 shampoo brushes, 2 scrub brushes, 2 felt buffing pads, rug-cleaning unit, vanishingfoam shanipoo. AC. U.L. Listed. 10 S 5005 X . Shpg. wt., 17 lbs... 24.95

# Values in Business Machines and Typewriters 

## Copymate compact dry Copier with automatic timer



Now you can make permanent copies of letters, recipes, magazine pages and important documents anywhere, anytime, with this convenient portable. Produces perfect $8 \times 10^{*}$ black-and-white copies fron colors, halftones, even pages from books. Copies are ready in less than one minute. Completely dry process uses no messy chenicals or powders. Simple two-step operation makes it easy even for children to use. Automatic timer sers exposure and indicates when copies are ready. Operates on two ordinary 150 -watt frosted - bulbs (included). Rugged high-impart case has built-in carrying handle. Sellstoring cord compartment. $221 / 4 \times 171 / 2 x$

Repeat-spacer Typewriter


## Automatic space repeat and preset fabulator

Get features never before offered in a manual typewriter at such a low price! Half-space feature allows easy insertions and corrections. Ribbon feed direction changes automatically. Repeat space all you want. Also has adjustable touch control; dual-purpose margin release and jammed key release: 3 -stage line spacing; 8 -position tabulator; 3 ribbon settings. Compact. 44 keys. Elite type. Case, $16^{1 / 4} \times 17^{1 / 4} \times 16^{3} / 4^{\prime \prime}$. Japan. 10 S 4338 U. Wt., 19 lbs. . . . 69.95

Deluxe Electric Typewriter $114^{55}$

With 88 character keyboard
This quality-crafted typewriter features a correction key to adjust spacing errors and for perfect right-hand margins. Copy control regulates typing speed and number of copies. Tab set/clear and instant sot margins. 6-position spacing and half-spacing. Adjustable touch control. Card holder. Steel. Pica type. Case. $6 \times 14 \times 15 \frac{1}{2} 2^{*}$. AC. Japan. 10 S 5109 U . Wt., 40 lbs. . 114.95 10 S 4342 U. Above, but with fully automatic carriage and repeat keys. Wt., $41 \mathrm{lbs} . . . . . . . . . . . . . . .149 .95$

- Fast convenient one-hand operation
- Lists in 7 columns and totals in 8
- Portable travels with you anywhere

Was \$66.95. Save time and effort by letting this lightweight portable adding machine do the hard work for you. Designed specifically for use in home, office or while traveling. Lists in 7 columns $(99,999.99)$ and totals in 8 columms ( $999,999.99$ ). Simple one-hand operation for fast easy addition, subtraction and multiplication. Digit indicator with clear key and transparent tear-off strip allow easy view of figures. Comfortable keyboard. Retractable carrying handle; detachable cord : streamlined snap-on cover. Green and white. $7 \times 9 \times 13^{\prime \prime}$. U.L. Listed. A
10 S 4305 X . Shpg, wt., $101 / 2 \mathrm{lbs} \ldots . . .64 .95$

## Low-priced Student's Typewriter

## Cut ${ }^{\$ 10.00} \quad 39^{95}$

Was 349.95 . Now at reduced price for student budgets. Full 88 character keyboard. Touch adjustment, hand-set margins. Two-line spacing, half-space ratchet for formula typing. Two-color adjustment, jam release. Erasure table. card holder, paper scale, stencil position. Pica type. Steel case, $63 / 4 \times 111 / 2 \times 15^{\circ}$. Japan.
10 S 4306 X. Wt., 15 lbs.
.39 .95

## Give your group the "nowest" sound around



## 3-pickup Guitar and Amplifier Outfit

Separately, $\$ 129.90$. Tremendous savings on complete outfit. Solid-body 3 -pickup tremolo guitar has selector switch, volume, bass and treble controls. $40 \times 13 \times 13 /^{\prime \prime}$. Solid-state 20 -watt peak power amplifier. Instruction book and record. AC. Japan. 10 S 4332 UF. Complete Outflt. 22 lbs..

10 S 5074 U. Amplifier Alone. 12 lbs.
59.95


## Save

 ${ }^{5} 35.02$ $69^{88}$
#### Abstract

30-watt Amplifier and Fuzz Box Package Separately, $\mathbf{s}^{104.90}$. Fantastic savings on 30 -watt peak-power amplifier and fuzz box. Solid-state. Two $8^{\prime \prime}$ speakers. 3 inputs. Volume, bass, treble, tremolo speed and depth controls. $4 \times 15 \times 534^{\prime \prime}$. AC. Fuzz box has attack control; foot switch. input, output jacks. $53 / 4$ ". With cable, 9 -volt battery. $10 \$ 4415$ UF. Japan. Wt. 32 libs. .69 .88 10 S 4580 S . Fuzz Box Alone. 2 lbs.



$\cdot$


## Save up to $50 \%$ on these

## HALF PRICE SALE

## Cut 530.00

## Utah 15"" Musical Instrument Speaker for deeper-than-deep bass

- High power, high performance, high endurance
- Boasts special heat-proofed $2^{\prime \prime}$ voice coil
- Oversize heavy-duty $121 / 2-\mathrm{lb}$. magnet assembly

Model Ml-15R2R. Was \$59.95. Terrific offer on a high-power speaker that can really handle a heavy rock-and-roll beat. Money-saving offer gives you this $15^{\circ}$ speaker for bass guitar or string bass at a $50 \%$ price cut! Super bass speaker is designed for professionals who need very high power handling capacity and smooth, natural response. Gives audiences everywhere good vibrations!
Special heat-proofed $2^{\prime \prime}$ voice coil is coupled to heavyduty $121 / 2$-pound magnet assembly for deep, powerful bass. Boasts rugged design techniques that dissipate heast before it becomes a problem. Cone edge treatment keeps edge rolls pliable for best sound and longest life. Full 100-watt peak power capacity for deepest bass. Impedance, 8 ohms. Mounting dia., $149^{\prime \prime} 1^{\prime \prime}$; depth, $81 / \mathrm{x}^{*}$.
1653535 X . Shpg. wt., $173 / 4$ lbs.
29.95

## Utah 12" Musical Instrument Speaker for "out-of-sight" bass

- Speaker features an enormous $3^{\prime \prime}$ voice cail
- Massive heavy-duty $15-\mathrm{lb}$. magnet assembly
- Steel chassis with baked-on lacquer finish

Model MSI264B. Was $\$ 63.95$. Today's music explodes from this high-power $12^{5}$ speaker, filling the concert hall with exciting sound from your bass guitar or string bass! At extraordinary $50 \%$ savings, quantities won't last forever, so grab your speaker now! Provides the rich, deep bass response needed by professional musicians to turn on demanding audiences from coast to coast.
Enormous heat-proofed $3^{\prime \prime}$ voice coil absorbs transient power peaks that so easily burn out a speaker. Internal dust seal protects voice coil gap. Steel pot plates fully utilize potential of gigantic 15 -pound magnet structure. Rubberized cone edges smooth response, extend cone life. 100 -watt peak power capacity for big bass sound. Impedance, 8 ohms. Mtg. dia., $119 / 16^{\prime \prime}$; depth, $63 / 4{ }^{\prime \prime}$.
16 S 3174 x. Shpg. wt., $181 / 2 \mathrm{lbs}$..
31.95

# Musical Instrument Speakers 



## Utah 12" Musical Instrument Speaker

Model MI-12R2R. Was 554.95 . High-quality, high-power speaker is built to handle all the punishing power of the low-end frequency range of bass guitar or string bass even through high-output amplifiers. Has $2^{*}$ heat-proofed voice coil that operates in a massive $12 \frac{1}{2}-\mathrm{lb}$. magnet structure. Full 100-watt peak power capacity. Enamel finish. 8 ohms. Mtg. diameter, $119 / 6^{*}$; depth, $81 / 8^{\circ}$.
16 S 3534 X. Shpg. wt., $151 / 4$ Ibs.

## Utah 15" Musical Instrument Speaker

Model MS-15L. Was sis.95. Ideal for electric organ or bass guitar. Heavy-gauge reinforced steel chassis for strength and rigidity. Steel pot plates use full potential of barium-ferrite magnet. $6^{5} / 8-1 \mathrm{~b}$. magnet structure. Oversize voice coil absorbs heat of transient peaks. Rubberized cone edges smooth response, extend cone life. 80 -watt peak power capacity. Intermal dust seal. 8 ohms. 1653172 X . Shpg. wt., $121 / 4$ lhs..


## Cut ${ }^{\text {s }} 35,05$

$69^{95}$ \$5
monthly*

## Trusonic free-cone Instrument Speaker

Model 150GB. Has $\$ 105.00$. 15" speaker for bass guitar. Free-cone design provides ultimate performance within tightly sealed cabinets. Giant precision-wound and coated voice coil; massive $171 / 2-\mathrm{lb}$. magnet structure. 150-watt peak. 8 ohms. 16 S 3543 X. 25 lbs... . 69.95


## Atlas "Banshee" vocalist Speaker

Model CJ-125. Was 874.40 . Speaker horn specifically designed to boost vocal performances above instrument sound levels. May be coupled with instrument amplifier for striking sound effectsl 125 watts. 8 ohms. Less stand.
$16 \mathrm{~S} 3506 \times .21 / 2 \mathrm{lbs} . .54 .40$

## Big Value! $14^{95}$ <br> Utah Instrument Horn with crossover

Model H-458-X. Adds overtones nol reproduced by large, bass-speaker voice coils to your amplified music. Has $1^{\prime \prime}$ voice coil, ceramic magnet. Crossover capacitor allows 60 watts peak. $2000-20,000 \mathrm{~Hz} .16$ ohms. $31 / \frac{1}{2} \times 8 \times 1 / 2^{\prime \prime}$.
16 S $3103.11 / 2$ 1bs..


Utah high-power

## Instrument Column

Model MC12-4D. Was $\$ 120.00$. Professional-quality 2 -way speaker-system sound column boasts four $12^{*}$ woofers and four com-pression-type tweeters. 150 watts peak. 8 ohms. Charcoal vinyl-covered wood cabinet. $433 / 8 \times 13^{1 / 4} \times 7^{*}$. 16 S 3575 Z. 72 lbs.. . . 90.00

## Test Equipment prices cut for this sale

## Deluxe TV Analyst . . priced so low we must limit one to a customer!

## Cut ${ }^{5} 50.00 \quad 279^{95}$



# Solid-state Color-Bar Generator 



## Cut <br> s30.00 <br> $79^{95}$

Sencore CG-12. Was $\$ 109.95$. Puts standard color-TV patterns at your fingertips. Invaluable for installing, converging or trouble-shooting. Stable crystal-controlled circuit. Provides color bars, dots, erosshatch, vertical and horizontal lines, ten keyed color bars. 4.5 MHz signal. Has interlace control, regulated power supply. $31 / 2 \times 101$ a $x 812^{\prime \prime}$. AC. Quantily Limited.
2154528 U. Shpg. wt., 8 lbe.
79.95

## Sams 5-book test equipment library <br> 

[^3]
## Order now . . only a few loft of this low price . . This sale will not be repeated

B\& 107 . Was 8389.95 in Cat. 880 . Huge $\$ 50.00$ cut makes this handiest of instruments the buy of the year! Combines a miniature TV transmitter with a circuit analyzer. Injects RF, IF, video, or audio signals into any stage of set, and lets you view results directly on set's screen. Injects horizontal and vertical sync, plus plate and grid drive for sync and sweep checks.
Switch selection of channels 2-13. Provides negative bias supply, AGC keying pulse, high-level signal for modulation of picture tubes; white dot. crosshatch, and color-bar patterns for convergence adjustment of color sets. Crystal-controlled rainbow and color-bar patterns test synchronization, range or hue control, and aligo demodulators.
Fully ventilated case. $101 / 4 \times 17 \times 10^{*}$ deep. AC. Units may have slight paint defects, but they are electrically perfect.
2154169 U. Shpg. wt., 29 lhs..
279.95


## Color CRT Tester checks most color TV tubes

## Closeout

 $54^{50}$RCA WT-115A. Requiarly \$89.50. An outstanding value in a quality tester! Compact, lightweight and portable. Checks emission of most color CRT's. Provides reliable tests by setting up correct cutoff voltage for each gun. Laminated vinyl case with storage compartment. 10x6x5". AC. Quantity Limited.
2154195 U. Shpg. wt., 5 lbs.
54.50


Sencore TC 142. Low, low price! Checks cathode emission of over 3000 types of foreign and domestic tubes, including TV and radio types, compactrons, novars, nuvistors, frame-grid, 10 -pin, mag-novals. Stethoscopic short test. Grid leakage. Vinyl-clad steel case, detachable lid. $10 \times 9 \times 31 / 2^{*}$. AC.
21 S 4284 X. Shpg. wt., 9 lbs.
59.88

# Money-saving Test-Equipment offers 



## Complete stereo Testing Laborutory

Amphenpl/Commander 880. Was $\$ 329.95$ in Cal. 280 . Seven instruments in one: audio generator, intermodulation analyzer, AC voltmeter, multiplex generator, impedance bridge, marker oscillator, RF/sweep oscillator. Solid-state; zener-diode regulated. Luggage-type case, $93 / 4 \times 111 / 2 \times 6^{7}$. Tool pocket; removable lid. With leads. AC.
21 S 4439 U. Shpg. wt., 9 lbs..
199.95


## FET Transistor Tester with transistor bonus

Commander 830-FET. Separately \$109.90. Good/Bad test in or out of circuit. Tests all FET's, all other transistors. Burnout-protected. Luggage-type case with carrying handie. $63 / 8 \times 91 / 4 \times 53 / 4$. AC. Order Bonus Below. 21 S 4267. Shpg. wt., 3 lbs.
40 - Transistor Package. Specify 24 S 9506 G. FREE with abovo. 24 S 9506. 40 Transistor Pkg. Atone. 1 lb.

Inverters for 117V AC from 12V battery


# VOM riot . . Order now at these low prices 



Precision VOM at àn amazing law price

## Pocket-size Multimeter

1000 ohms per volt
Midiand. Handy pocket-size VOM at an amazing low price. Has 1000 ohms-per-volt DC sensitivity, plus a clear wide-view scale. Perfect for quick checking and servicing of radios, TV, hi-fi components, electrical appliances. Two-color dial, precision meter movement.

Ranges: AC and DC Volts, $0-10$ 50-250-1000; DC Current, 0-100 mA ; Resistance, $0-150 \mathrm{k}$ ohms. Single range/function switch for easy operation. High-impact polystyrene case, $31 / 2 \times 21 / 4 \times 1^{\prime \prime}$. Complete with penlite bittery, test leads and manual. Japan. 24 S 9590 . Shpg. wt., 10 oz. . . 4.77


Cut ${ }^{5} 1.18$ 577

Save on mini-sized VOM . 2000 ohms per volt
Mura Meter. Was $\mathbf{\$ 6 . 9 5}$. Minisized VOM is so compact that it fits in your shirt pocket like a pack of cigarettes! And you save $\$ 1.18$ off our regular price during this Spring sale. Sensitive and handy for quick tests. Easy plug-in range selection.

Ranges: AC and DC Volts, 0 $30-300$-1200: DC Current, 0 120 mA ; Resistance, $0-150 \mathrm{k}$ ohms. 2000 ohms-per-volt DC sensitivity. Only $2^{3} 4 \times 31 / 2 \times 1 \frac{1}{4}$. Complete with test leads and battery. From Japan. Shpg. wt. $1 / 2 \mathrm{lb}$. 2459882.


Compact 30,000 ohms/volt VOM
Midland. Was 814.95 . Accurate and rugged VOM, built to meet the rigid requirements for testing modern electronic equipment. And our price is cut \$2.18 during this Spring sale! Highly accurate, easy-to-read mirrored scale. 30,000 ohms volt DC and $15,000 \mathrm{ohms} /$ volt AC sensitivity.
Reads AC and DC volts to 1200; DC Current to 300 mA : Resistance to 16 megohms; -20 to +63 dB . Recessed nylon range selector. $5 \frac{1}{2} \times 31 / 2 \times 1 / 8^{\prime \prime}$. With leather carrying case, test leads and battery, Japan. 24 S 9372 . Wt., 1 lb..... . 12.77

## Cut \$1.11 More

off our previous sale price [37


## Precision 50,000 ohms/voli VOM

Was $\$ 14.88$. Deluxe VOM has precision $1 \%$ resistors for high aecuracy. 50,000 ohms /volt DC sensitivity; 15,000 ohms/rolt AC. Easy to-read scales, low resistance selector switch. Ranges: DC Volts, $0-0.6-3-12-60-300-600-$ 1200-3000; AC Volts, $0-6-30-120-300-1200$; DC Current, $0-30 \mu \mathrm{~A}, 0-6-60-600 \mathrm{~mA}$; Ohms, $0-10 \mathrm{k}-1-10-100$ נnegs; $\mathrm{dB},-20$ to +63 . Only $6 \times 4 \times 178^{\circ}$. Leads, batteries. Japan. 24 S 9594 . Shpg. wt., $11 / 2$ lbs.
13.77


Sale
Priced
777

## 20,000 ohms/volt VOM with precision resistors

Midland. Highly sensitive, handy VOM at a low budget price! Uses precision resistors throughout for high accuracy. Ranges: DC Volts, 0-5-25-125-500-2500; AC Volts, 0 -10-50-250-1000; Ohms, $0-10 \mathrm{k}$ and 1 meg; DC Current, $0-250 \mathrm{~mA}, 0-$ $50 \mu \mathrm{~A} ;-20$ to +22 dB . Recessed nylon range selector. Easy-to-read $31 / 2^{\circ}$ two-color seale. Pin jacks, zero adjust screw. Molded bakelite case, only $41 / 2 \times 31 / 4 \times 1^{\prime \prime}$. Leather carrying case, test leads, battery, instructions. From Japan.
2459318 . Wt., 1 lb ..


Sale
Priced
$15^{77}$
 s1.18 More $26^{77}$


## Accurate 100,000 ohms/volt VOM

Midlahd. Was \$27.95. Precision VOM, now cut $\$ 1.18$ off our previous low sale price. Sensitive, full sized, reliable instrument suitable for lab use, but priced low enough for the hobbyist. $4^{\circ}$ mirrored scale.

Ranges: DC Volts, 0-0.5-2.5-10-50-250-1000; AC Volts, 0 2.5-10-50-250-1000; DC Current. $0-10-250 \mu \mathrm{~A}, 0-2.5-25-250$ $\mathrm{mA}, 0-10 \mathrm{amps}$; Ohms, $0-20 \mathrm{k}$ $200 \mathrm{k}-2$ megs; $\mathrm{dB},-20$ to +62 . Rugged case, $7 \times 51 / 2 \times 3,{ }^{1}$. Carrying handle. With leads, battery, operating manual. Japan 24 S 9593 . Wt., 8 lbs..... 26.77

## Deluxe 20,000 ohms/volt VOM

Midiand. Value priced, accurate VOM for the technician or hobbyist. Precision resistors on all ranges for accuracy. Big $3^{\prime \prime}$ dial for easy reading. Ranges: DC Volts, 0-2.5-10-50-250-5005000; AC Volts, $0-10-50-250-$ 1000; DC Current, 0-0.5-5-50500 mA ; Resistance, $0-12 \mathrm{k}-120 \mathrm{k}-$ 1.2 megohms: $\mathrm{dB},-20$ to +62 . Sturdy bakelite case, $51 / 2 \times 35 / 8 \mathrm{x}$ $23 / 4^{\circ}$. Perfect for field use. Leather cover, batteries, leads. Japan.
24 S 9484 . Wt., $2 \mathrm{lbs} . \ldots$. . 15.77

Popular Allied Modules Low $2^{68}$
These modules introduce the hobbyist to today's microminiature elentronics. Permanently encapsulated in virtually indestructibleplastic nuggets. $11 / 2 \times 11 / 4 \times 1^{\prime \prime}$. Order now and save $10 \%$ !
AWM-3 AM Wireless Mike. Was s2.98. Transmits to AM radio. Needs 9 V battery, mike. Wt., 6 oz . 24 S 9473.
2.68

CM-P VHF Police/Fire Converter. Was \$5.00. Use with AM radio. $30-50$ MHz. Needs 9V batt., case. $60 \%$.
24 S 9463
4.50


## RF and AF Transistors

Was s. 8.98 . Cut $10 \%$. Selection of 25 RF and AF transistors: 5 TO-3 PNP germanium AF, 15 watts; 5 TO-3 NPN silicon mess AF, 15 W ; 3 TO5 PNP germanium AF, 3 W; 5 TO-3 PNP germ. $\mathrm{RF}, 1 \mathrm{MHz} ; 5 \mathrm{TO}-3 \mathrm{NPN}$ silicon mess RF, 1 MHz ; 2 more. Shpg. wt., 12 oz. 24 S 9518

$$
25 \text { for } 2.68
$$

## 25 Audio Transistors

Was $\$ 2.98$. Cut $10 \%$. Includes: 4 TO-3 PNP germanium, 15 watts; 4 TO-3 NPN silicon mesa, 15 watts; 2 TO-13 PNP germanium, 10 watts; 4 TO-5 PNP germanium DAP, 2 watts; 4 TO-9 PNP germanium $0.4 \mathrm{~W} ; 2$ TO-18 $\mathrm{NP}^{\mathrm{N}}$ silicon 0.2 W ; 5 more. Shpg. wt., 6 oz . 2459517 ...... 25 for 2.68


## 12 for <br> 179

## Heaf Sink <br> Assortment

Hras $\$ 1.98$. Great value in 12 -pe. heat sink assort-ment-cut $10 \%$ ! Contains eight 10 -fin heat sinks for JEDEC TO-5 transistor cases and four to fit JEDEC TO-18. Stock up now, 4 oz .
$24 \mathrm{~S} 9367 \ldots . .12$ for 1.79


100-Piece Assortment. 2 TO-3 PNP germanium AF, 2 TO-3 NPN silicon mesa, 2 TO-3 PNP germanium, $15 \mathrm{~W} ; 4$ TO-9 PNP germ., 4 TO-5 NPN germ., 0.4 W; 15 TO-24 PNP germ. MADT, 5 DO-7 germ., 22 DO-7 germ., 0.2 W ; 2 TO-5 PNP germ DAP, 2 W ; 42 more. Wt., 1 lb .
24 S $9514 \ldots 100$ for 4.39
$60-$ Piece Assortment. Includes $15 \mathrm{MADT}, 50 \mathrm{MHz}$ transistors; 5 zener diodes, 400 mW (assorted voltages) ; 2 TO-5 PNP germanium, $3 \mathrm{amp} ; 5$ 1N82A germanium diodes; 2 SCR, 0.2 A (low V); 2 TO- 3 NPN silicon mesa power; 2 TO-3 PNP germ. power; 27 SCR, 400 mW . 24 S 9513. Shpg. wt., 8 oz.......................... 2.68

## Integrated Circuit

Was s5.ss. Fairchild NJS716 med.-power, low-distortion audio amp. Gain to 200. Booklet. 24 S 9268. Shpg. wt., 1 oz..... 4.81
 \$1.98. Wide variety of popular semiconductors, now cut $10 \%$ ! Includes 4 PNP transistors, 4 NPN transistors, 2 power transistors (TO-3 case), 4 silicou rectifiers ( 2 -amp), 20 germanium diodes, and 4 zener diodes (rated $3 / 4$ watt). Stock up now at this sale price. $40 z$. 2459477 . . . . . 38 for 1.78$=$

Bargains in solid-state Devices and Parts Cabinets


## Computer

## Circuit Kit

795
Helps you learn computer theory by experiments. Detailed instruction manual contains circuit, pictorial diagrams. Also easy-to-follow discussion.
24 S 9296. 1 lb .
7.95


Akro-Mils 11-413. Fully portable with hinged, locking front door. Great as a repair kit or portable medicine chest. $12-23 / 4 x$ $11 / 4 \pi 53 / 4$ and one jumbo $83 / 4 \times 21 / 2 \times 53 / 4$ " plastic nospill drawers. Fold-down handle. $9 \times 10 \times 6^{1}{ }^{2}$. 24 S $9020.53 / 4$ lhs.
5.49


## Battery Charger Kit

Allied BC-6AMP. Easy-toassemble battery charger uses four silicon rectifiers, delivers 6 -amp output. Big $3 \times 31 / 2^{*}$ aluminum heat sink for cool operation. Requires 6 and/or 12 -volt step-down transformer. Great value! Shpg. wt., 1 lb . 2459511
2.98


Novar Whisperlite. Translates sound into light. "See" voices, the ring of a phone, any other sound. Shimmers brilliantly, pulsates to tempo of sound. Takes standard 100-watt bulb . . just plug into AC outlet and watch it work. $103 / 4^{\prime \prime}$ high.
24 S 9009 U. $31 / 21$ lbs. 29.95

Was 83.98 . Cut $10 \%$. Great bargain for the hobbyist. All rectifiers are case cathode type (except "case anode type) with axial leads. Rated more than 50 PIV. Assortuent contains: 7 DO12, $0.5 \mathrm{amp} ; 3 \mathrm{DO}-1,0.75$ amp; 3 DO-1 ${ }^{*}, 0.75 \mathrm{amp}$; 12 A-31. Wt., 8 oz.
2459516
25 for 2.68
Has ample room for small parts and componeuts. Rigid welded steel frame with enamel finish. "SeeThru' no-spill plastic drawers; each $11 / 4 \times 23 / 4 \mathrm{x}$ $53 / 4$. deep. With plastic dividers and labels. Convenient carrying handle. $93 / 4 \times 17 \times 6^{5} / 10^{\circ}$.
2459028 X. 9 lbs. . . 4.77


## 25 for $2^{68}$

## Iransistor Assortment

Was s2.98. Cut $10 \%$ ! Ideal for experimenters. Contains 25 asstd. transistors: 3 TO-3 PNP Ge AF; 3 TO-3 PNP Ge RF: 3 TO-3 NPN silicon mesa AF; 3 TO-3 NPN silicon mesa RF: 2 TO-5 PNPGe AF: 6 TO-24 PNP Ge MADT RF; 3 TO-9 PNP Ge AF; 2 more. 8 oz $24 \$ 9515 \ldots . .25$ for 2.68

## Rectifier Assortment



Was 84.95. Make your own PC boards. Contains copper clad laminate, all chemicals, tools; spatula, template, practice board, instructions. 2 lbs.
2459741
3.95

# Bargains! 

## Bargains! <br> Bargains!

$8^{\prime \prime}$ Musical Instrument Speaker Utoh MS-8G. Was \$9.50. Half price reduction on speaker for guitar or electric organ. Has heavy-gauge reinforced steel chassis for extra strength and rigidity. Steel pot plates use full potential of $13 / 4 \mathrm{lb}$. barium-ferrite magnet. Oversize voice coil absorbs heat of transient peaks. Rubberized cone edges smooth response and extend cone life. Internal dust seal. Impedance, 8 ohms.
165 3166. Wt., $23 / 4$ lhs...... 4.75


Duol-Cone Replacement Speoker

Was 86.95 . $12^{\prime \prime}$ speaker has $11 / 2^{\circ}$ voice coil and whizzer cone. Internal dust cap. Response, $35-15,000 \mathrm{~Hz} .25$ watts. 8 ohms. $51 / 2^{7}$ deep.
24 S 9631 X. Shpg. wt., $31 / 2$ lbs..
5.95

## $2 \times 6^{\prime \prime}$ Compression Speaker

Specially designed for wide-angle dispersion. Built-in crossover capacitor for easy installation. $2000-18,000 \mathrm{~Hz}$. 30 watts. 8 ohins.
1653539 . Shpg. wt., $18 / 4$ lbs..... 5.95

## Sale-Priced ReplacementSpeakers

## Save on Allied's Permanent-Magnet Speokers



All Cut
10\%
All have precision centered magnets and voice coils. Moisture-resistant cones. Ex-tra-strong frames. Shpg. wt.. 2 lbs. PC, pincushion shape. *Magnet oz.

| Stook No. | Type | Size | Shapo | * | EACH |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1653404 | 4 BC | $4{ }^{\prime \prime}$ | Square | 1.0 | 4.29 |
| 1653408 | 5 BC | $5{ }^{\circ}$ | ${ }^{\text {PR }}$ | 1.0 | 4.45 |
| 1653409 | 6EC | $6^{\circ}$ | PC | 3.0 | 4.95 |
| 1653410 | 8 FC | $8{ }^{\circ}$ | PC | 5.5 | 5.35 |
| $1653411 \times$ | 12 JC | 12" | Round | 10.0 | 8.95 |
| 1653412 | 57EC | $5 \times 7$ " | Oral | 3.0 | 4.95 |
| 1653413 | 69 JC | 6x9* | Oval | 10.0 | 6.25 |



## Sound Reproducer

## Sale Priced $\mathbf{H}^{95}$

Turns any surface into sounding board
Sound reproducer adds a thrilling new dimension to listening pleasure. Turns any surface-walls, doors, etc.-into sounding board. Connect speaker outputs to reproducer; then mount on desired surface. $2 \times 2 \times 2^{\prime \prime}$. 2459224 . Shpg. wt., 8 oz.
6.95


Budget-priced 8-watt Speakers (A) $6 \times 9^{\circ}$ Orol Speaker. Was 8. 4. 49. Efficient 1.47 -oz. magnet. Whizzer cone. 8 ohms. 24 S 9529. Wt., 11/4 lbs.... 1.98 (B) $4^{\circ}$ Square Speaker. Was $93 t$. Precision centered. Has 50 oz. Alnico $V$ magnet. EIA dimensions. 8 ohms.
245 9932. Wt., 8 oz....... 794
(c) 8"Round Speaker. Wan *it. 49. Whizzer cone. $1.47-\mathrm{oz}$. magnet. 8 ohms. 2459530 . Wt., $11 / 2 \mathrm{lbs} . . .1 .98$

## Outdoor Speakers

(1) 5" Paging Speaker. Was 87.95. Horn-type. $180^{\circ}$ swivel mount. $400-7000 \mathrm{~Hz} .5$ W. 8 ohms. With $24^{\prime}$ wire.
24 S 9843. Japan. 2 lbs.... 0.95国 $5 \% / 4$ "Trumpet Speaker. Was $88.49 .300-12,000 \mathrm{~Hz} .5 \mathrm{~W}$. $S$ ohms.
24 S 9483. Wt., 2 Ibs. .... 7.49 (F) $8^{\prime \prime}$ Outdoor Speaker. Vol control. 40-15.000 Hz. 20 W 8 ohms. $10^{7 / 8 x 107 / 8 x 53 / 8^{\circ}}$ 24 S 9732 X . Wt.. $61 / 4 \mathrm{lbs}$.


Hi-fi and Music Speaker Values
(G) $15^{\circ}$ Dual Cone Speaker. W'as 89.95. Quality dual-cone speaker at a savings. Has $11 / 2^{*}$ voice coil for powerful, distor-tion-free bass tones. Whizzer cone extends high frequency response. Internal dust cap protects coil gap. Response, $30-$ $14,000 \mathrm{~Hz}$. 30 -watt capacity Impedance, 8 ohms. $6^{1 / 8^{*}}$ deep. 24 S 9630 X . Wt.. 91 bs . . 8.95 [ $\mathrm{H}^{8^{\circ}}$ Dual Cone Speaker. Was $\$ 5.9$. Quality dual-cone speaker at a savings. Has $11 / 2^{2}$ voice coil for powerful, distor-tion-free bass tones. Whizzer cone extends high frequency response. Internal dust cap protects coil gap. Response, 40$16,000 \mathrm{~Hz}$. 20 -watt capacity. Impedance. 8 ohms. $4^{4}$ deep. 2459632 . Wt., 3 Ihs...... 4.95 (J) Occasional Speaker. Now you can ;have sound "hanging around" in your den, playroom, patio, etc. New round speakers are designed for suspension from ceiling, shelf or wall. Bright decorator colors. Moisture resistant. Wood baffles. Impedance, 8 ohms. 8 -watt capacity. $61 / 2^{\prime \prime}$ dia. $43 / 4^{\prime \prime}$ high. With chain, feet. 3 lbs.
16 S 3101. Red ond Ton... 10.95 16 S 3102. Blue and Green 10.95 [K $4 \times 10^{\circ}$ Midronge Horn. Was $\$ 7.95$. Reinforces middlerange frequencies with high sensitivity, wide-angle dispersion. $600-12,000 \mathrm{~Hz}$. $11^{\circ}$ deep. 30 W. 8 ohms. With capacitor crossover
16 S 3540. Wt., 3 lhe .... 6.95
(1) $2^{\circ}$ Compression Tweeter. Horn tweeter extends upper frequency limit and provides wideangle dispersion. $1000-20,000$ Hz . 20 -watt capacity. Impedance, 8 ohms. $1^{3 / 8^{2}}$ deep. 16 S 3100 . Wt., 8 oz.
5.95

国 $31 / 2^{*}$ Tweeter. Expands upper frequency range. Has crossover and brilliance control. Increases response to 13.5()$\left.^{\prime}\right) \mathrm{Hz} .10 \mathrm{~W} .8$ ohme.

10 S 3479. Wt., 3 lbs..... 4.93 1653475 . As above but without brilliance control.... 3.95

Bargains!
Bargains!
Bargains!
Bargains!


Dynamic cardioid Microphone (A) Was 88.95 . Slim dynamic mike. Full response of $40-18,000 \mathrm{~Hz}$. Impedance, 50,000 ohms. Omnidirectional. $5 / 8^{\prime \prime}$ dia. x $65 / 8^{\circ}$. 10 - ft . cable. Japan.
24 S 9001 . Wt., 8 oz........... 7.95
Dual-impedance dynamic Mike
(B) Was 99.95 . Dynamic mike has directional $175^{\circ}$ pickup pattern, $50-14,000, \mathrm{~Hz}$ response. 600 ohms or hi-Z. $20^{\prime}$ cable. Less stand. Japan.
24 S 9348. Wt., 3 lbs........... 8.95


Sale Priced
$13^{95} \quad 5^{88}$
Dynamic cardioid Microphone
(C) Priced-right cardioid-pickup nike ideal for stage, recording or PA use. Built-in volume control, on-off switch. $20-\mathrm{ft}$. cable. $100-10,000 \mathrm{~Hz}$. 50K and 600 ohms. From Japan.
24 59505 . Wt., 3 lbs. ....... 13.95
Solid-state Mike Mixer
(D) Lowest price ever! Mixes 4 mikes into one monophonic output. Standard 2 -conductor phone inputs, phono jack output. 6 dB gain. $23 / 8 \times 6 \times 31 / 2^{\prime \prime}$. With battery. Japan. Shpg. wt., 4 lbs. 24 S $9352 \ldots . . . . . . . . . . . . .$.


Dual-impedance Cardioid Mike
Was \$12.95. Cardioid mike now priced lower than ever! Unidirectional spheretop mike of professional quality. Eliminates feedback "squeals" and echos. Wire mesh screen. Dual impedance: $150-250$ ohms $/ \mathrm{hi}-\mathrm{Z}$. Handy on-off switch, swivel adapter. $20^{\prime}$ cable. For indoor or outdoor use. Handsome satin chrome finish. Japan. Shpg. wt.. $11 / 2 \mathrm{lbs}$. 24 S9222...................... 11.95


Was $\$ 12.9 \overline{5}$. "Big Ear" for outdoor listening, home security. Picks up whispers at 50 feet, bird calls at 200 feet, conversation at 150 feet. Solidstate preamp. Tripod, $18^{\prime \prime}$ reflector, microphone, stethoscope, earphones. Takes one battery (order below).



Phone Amp $6^{95}$

Sensational low price! Transforms telephone earpiece into soundcontrol amplifier. Attaches instantly to any phone. Volume control. Takes 1 battery (below).
24 S 9687 . Wt., $4 \mathrm{oz} . . . . . . . .$. 18 S 5082. Battery. 1 oz....... 6/48


Was s13.45. Amplifies telephone conversations to room level. Perfect for family or conference calls. Includes $9-\mathrm{V}$ battery. Japan. W t ., $11 / 2 \mathrm{lbs}$.


Was 89.95. Great value! Provides effective home/office entrance security. Outdoor remote connects with $66^{\prime}$ cord to indoor station. With battery. From Japan. 24 S 9885. Wt., 3 lbs............ 8.95


New! Mini Label-Mate

150
Save 50t When Yout Buy Three! Pocket-size, only 2" long. Makes raised-letter adhesive labels on plastic tape. For light household and shop embossing. Plastic housing. Uses $3 / 8^{\prime \prime}$ tape. Ass't colors. 24 59005 . Wt., 3 oz...... Each 1.50 Three for....................... 4,00


Was \$19.90. Singlechannel remote control system. Great for switching TV and appliances on or off. Transmitter and receiver $3 / 4$-mile range. $51 / 4 \times 21 / 66^{5} 8^{\circ}$. AC. Japan.
$2459397.1 \mathrm{lb} . \ldots . .16 .95$


Stereo Demo Records
Was s.29. Great bargain. Discover the full dynamics of your stereo system. Three $12^{\prime \prime}$ LP demonstration records for music system, equipment tests, music patterns. Shpg. wt., 2 lbs. 2459010 .......... 2.96


Hi-fi System Shutoff Was 84.95. Save on this convenient switch that automatically shuts off entire hi-f system after last record has played. Safe, easy to install. For changers with automatic shut-off. 24S 9234. 2 lbs..... 4.45


Bull Horn and Siren Was \$13.98. Portable solid-state voice amp/ siren has a range of 200 to 300 feet. With shoulder strap, pouch, mike, volume control. $9-\mathrm{V}$ battery Japan. Shpg. wt., $21 / 2 \mathrm{ibs}$. 2459883.
12.98

## Bargains! Bargains! Bargains! Bargains!



## Audio Cables for hi-fi, stereo Systems

(A) $20-\mathrm{ft}$. stereo extension cord extends length of headphones. Phone/jack, phone/plug. Japan. 1652374.6 oz.
(B) Package of four quality-molded $36^{*}$ audio cables. In assorted colors. From Japan.
16 S 2371.10 oz..
(C) $48^{\circ}$ audio cable with two phono-to-phono plugs on both ends. Japan. Shpg. wt., 5 oz .
16 S 2372.
1.79

6-ft. audio cable with two phono-to-phono plugs on both ends. Japan. Shpg. wit., 9 oz $16 \$ 2373$.

## Only <br> 

## All-Angle Magnifier Lamp Kit

Magnifier lamp covers all angles. Ideal for close work. Assembles easily and quickly with just a screwdriver and pliers. Has prefabricated arm ussembly. Springloaded swivel joints; screw clamp. Takes fluorescent tube and has $5^{\prime \prime}$ magnifying lens. For AC. Order tube below.
24 S 9338 X. Wt., 7 lbs.
18.95

2459930 . Tube for obove. 8 oz .
2.99


A "must" for color-TV owners and servicernen. Quickly and easily demagnetizes picture and chassis to remove unwanted color impurities. 7" diameter. AC. Wt., 10 oz . 24 S 9386.
2.24


## Telephone Accessories

4-Prong Ivory Telephone Plug. Use for installation of extension phones. Japan. Shpg. wt., 4 oz. 24 S 9365.59\&
[F] Wall-Mounting Jack. Use together with plug above. From Japan. Shpg. wt., 4 oz.
24 S 9366.
59.

G Wall-Mounting Plate. For use with cable below. From Japan. Shpg. Wt., 4 oz.
24 S 9389.
(4) 30-ft. Phone Cable. Telephone jack on one end, plug on the other. Japan. Shpg. wt., $11 / 2$ lbs. 24 S 9368


GiantMagnifier Light
for use in home, workshop, studio
Excellent value. Powerful 3.5X magnifier, $31 / 8^{\prime \prime}$ diameter view plate. Uses two "C" batteries (order below). Chrome with ivory color hood and switch.
24 S 9063 . Wt., $1 \mathrm{lb} .$.
3.49

18 S 5078. "C"'Batts. 6 oz.... $2 / 33 \notin$


Cut 10\%
Pickup Árms

| Stereo | Mono |
| :--- | :--- |

174
|47
Sterco Was s1.94. Mono was \$1.64. Buy now and save on stereo and mono pickup arms. Turnover cartridge has 2 synthetic sapphire needles. For manual phonos. Japan. 24 S 9579. Mono. 8 oz.
1.47

24 S 9580 . Stereo. 8 oz.
1.74


## Regulated DC Power Supply Cut ${ }^{1} .0010^{95}$

Excellent value. Now you can convert 110 VAC to 12 VDC at up to 1 amp . Zener-regulated within $10 \%$. Can be used to power most automobile stereo tape players. Shpg. wt., 1 lb . 2154385 .
10.95

## 5 most popular color-TV Tubes

Save $27 \%$
Reg. \$9.65. Five-tube package with popular tubes used in color TV. Includes these types: $6 \mathrm{FQ7} / 6 \mathrm{GC7}$, 6U8A/6KD8, 6JE6A, 6EA8, 6DW4B. 24 S 9006 . Wt., $1 \mathrm{lb} . . .$. . All 5 for 6.98

Was \$6.98. Sensational low price for quality stereo headphones. Response to $15,000 \mathrm{~Hz}$. $21 / 2^{\prime \prime}$ dynamic reproducers. Adjustable headband. 8 ohms. 6 -ft. cord, plug. Japan. 24 S 9369. 1 lb ..
b.....


Tun-0-Wash 325 Tun-0-Foam

## Cleaner/degreaser for tuners

(J) Remove grease from your tuner the professional way. Cleaner/ degreaser cleans like an Ultrasonic bath. Contains no lubricants. Melts away grease, oil, dirt. corrosion, and other foreign material. 24 S 9694. 24 oz. can. ......... 3.25

## Lubricant/cleaner for tuners

[K. Unique way to clean your tuner.
Lubricant/cleaner cleans, polishes and lubricates contacts each time chamel is changed. Keeps tuners working smoothly and quietly. Won't wear away contacts. 24 S 9695. 8-oz. can
2.39

## Save ${ }^{5} 1.00$ on Both

A One-Two punch for Tuners!
Separately, 55.64. Buy both Tun-O-Wash and Tun-O-Foam and keep your tuner professionally clean at all times. Also excellent for record players, recorders, etc. 2459696.

## Bargains! <br> Bargains!



Sale-priced for even bigger savings. High-quality capacitors, ceramic or molded. Fifteen: . 01 ; twelve: .05 ; eight: $.005, .02, .1$; five: . $001, .002$, .047; two: .0047, .03, . $25 \mu \mathrm{f}$. Come in clear, handy plastic case. Shpg. wt., 2 lbs.
24 S 9196 ...... Pkg. of 72/5.38

## Ceramic Disc

Assortment

## 100 Pieces

$2^{98}$


Values in high-quality disc ceramic capacitors for printed circuit boards. Made by famous manufacturers to their rigid standards. Generous 100 -piece assortment. Capacitance ranges from 2.2 pF to $.01 \mu$. All have parallel wire leads. Shpg. wt., 1 lb .
2459722
2.98

Miniature Electrolytics 40 Pieces 355



For printed circuit use. Dependable performance. 5 Each: $2 \mu$ f, 25 WVDC; $10 \mu \mathrm{~F}, 15 \mu \mathrm{~F}$ (4)6 WVDC; $2 \mu \mathrm{~F}, 10 \mu \mathrm{~F}$ @ 25 WVDC; $10 \mu F, 20 \mu F @ 50$ WVDC; $90 \mu \mathrm{~F}, 3$ WVDC. All have extremely low leakage and long shelf life. Plastic case. 24 S 9289. Shpg. wt., 8 oz. . 3.55

## Package of 20 Tronsistor Ports

## Only 298



Carefully selected for the experimenter, hobbyist, and technician. 3 var. caps., 1 polyvaricon, 2 electrolytics, 6 IF coils (one set of $3+3$ others). 2 miscellaneous coils, 1 loop stick, 1 sub-miniature transformer, 1 miniature transformer, 3 controls. 24 S 9053 . Wt., 10 oz.. . 2.98

## Servicemen's Parts \& Hardware Package

 Save $15 \% \quad 5^{70}$Separately, $\$ 6.73$. Stock up now! Five $100-\mathrm{ft}$. coils of assorted wire in 5 colors; 5 lbs. assorted nuts, bolts, screws, eyelets, rivets, clamps, springs, grommets, washers; 100 assorted terminal strips; 50 -ft. spaghetti assortment of twenty $30^{\circ}$ lengths insulated sleeving.
24 \$ 9735 . Wt., $81 / 2$ lbs... ........... 5.70
24 S 9384.5 Coils Wire. $21 / 4 \mathrm{ibs}$
3.98

24 S 9724.5 lbs . Hdw. 5 lbs. .98 24 S 9582 . Term. Strips. 12 oz............ . 98
24 S 9018 . Sleeving. 8 oz.
79

## Molded plostic <br> Rodio IV Knobs

Save 10\% $2^{66}$

Separately, \$2.96. Assorted molded plastic radio and TV knobs. Assorted colors. Fit most dials.
24 S 9738. 3 lbs.... 100/2.66 24 59287.50 Radio Knobs. $11 / 2$ lbs.................. 981 2459282.50 TV Knobs. $11 / 2$ lbs.
1.98

## Values in HeatShrinkable Tubing



| so |  |
| :--- | :--- |
| feet | 198 |

Approx. 4-ft. lengths of tubing. High heat and environ-ment-resistance. Ideal for use in insulating tools, etc. Shrinks in oven or other heat source. $11 / 16^{\circ}$ to $11 / /^{\circ}$ before shrinkage, Assorted colors. 10 oz .
$2459402 \times \ldots 50$ H. for 1.98

Stock-up now on Fantastic Resistor Assortment values

$1 / 2$ Woth. $\pm 10 \%$ tol. Two each: $3.9,10,12,15$, $22,27,39,82,120,150,180,270,390,470,560$, $680,820,1200,1800,2700,3300,3900,5600$, $6800,8200,12 \mathrm{~K}, 18 \mathrm{~K}, 22 \mathrm{~K}, 27 \mathrm{~K}, 33 \mathrm{~K}, 39 \mathrm{~K}$, $68 \mathrm{~K}, 82 \mathrm{~K}, 100 \mathrm{~K}, 120 \mathrm{~K}, 150 \mathrm{~K}, 330 \mathrm{~K}$, 390 K , $470 \mathrm{~K}, 680 \mathrm{~K}, 820 \mathrm{~K}$ ohms; $1,1.5,1.8,2.2,3.3$, 5.6, 6.8, 8.2, 10 megs.

24 S 9660 . Shpg. wt., 5 oz.
2.30

## Cut $\$ 1.00$ Pkg. of $200 \mathbf{2}^{49}$

Was $88.49 .1 / 4,1 / 2,1,2$ Wats. $251 / 1$-watt, $1001 / 2$ watt. 251 -watt, 502 -watt. $\pm 5, \pm 10 \%$ tolerance. Color coded. Shpg. wt., 10 oz.
24 S 9285
2.49

Big Value! Pkg. of $150 \mathbf{3 5}^{55}$
$1 / 2$ Wort. Two each: $10,12,15,18,22,27,33$, $39,47,56,68,82,100,120,150,180,220,270$. $330,390,470,560,680,820,1000,1200,1500$, $1800,2200,2700,3300,3900,4700,5600,6800$ $8200,10 \mathrm{~K}, 12 \mathrm{~K}, 15 \mathrm{~K}, 18 \mathrm{~K}, 22 \mathrm{~K}, 27 \mathrm{~K}, 33 \mathrm{~K}, 39 \mathrm{~K}$, $47 \mathrm{~K}, 56 \mathrm{~K}, 68 \mathrm{~K}, 82 \mathrm{~K}, 100 \mathrm{~K}, 120 \mathrm{~K}, 150 \mathrm{~K}, 180 \mathrm{~K}$, $220 \mathrm{~K}, 270 \mathrm{~K}, 330 \mathrm{~K}, 390 \mathrm{~K}, 470 \mathrm{~K}, 560 \mathrm{~K}, 680 \mathrm{~K}, 2$ each, $1-15$ megs. Shpg. wt., 10 oz .
24 S 9377.

## Resistors and Case

Ideal assortment for experimenter, hobbyist, and serviceman. . 150 assorled
$1 / 2$ Wat Resistor Assortment. Eight each: 1000, 47K, $100 \mathrm{~K}, 270 \mathrm{~K}, 1$ meg; seven each: $4700,10 \mathrm{~K}, 220 \mathrm{~K}$, 2.12 meg; five each: $3300,22 \mathrm{~K}, 33 \mathrm{~K}, 2200,2700$, $56 \mathrm{~K}, 68 \mathrm{~K}, 313$ meg; three each : 47, 220, 270, 10 meg. Shpg. wt., $41 / 2$ lhs.
24 S 9190
150 for 5.38

## Closeout values for your home or shop! Limited Quantities

$5^{*}$ Cooling Fon. Cools vacuum tubes for longer life and better performance.
24 S $9450.11 / 2$ lbe.
Burglar/Fire Alarm. Protect your family and home from fire and theft. Requires no maintenance. 24 S 9686. 8 oz. 2.98
$50^{\prime}$ Spool of Hook-Up Wire. Yellow. Coated. 24 S 9496.8 oz .
$50^{\prime}$ Spool of Hook-Up Wire. White/yellow. Coated. 24 S 9498.8 oz . 496
Alarm Clock. Electric. Illuminated dial. AC.
24 S 9021.2 oz
Metal Storoge Rack. Ideal for storing records, etc. 26 S 3262. 19 lbs................................ 2.98
25 Power Resisfors. Ideal for experiments, hobbys.
24 S 9286.6 oz ..
1.69

Lock-o-Plug A.C. Ouflef Safety. Protect children, pets.
24 S 9685. 1 oz... .... . . . . . . . . . . . . . . . . . . . . . 1.49
Transformer. 6.3 V at $1 \mathrm{amp} ; 65 \mathrm{~V}, \mathrm{CT}$, at 400 mA . 24 S 9966.4 lbs..
1.98

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Separately, \$9.25. Includes Electronics Encyclopedia, Data Handbook, Dictionary of Terms, Getting Started in Electronics, Transistor Projects, Schematic Diagrams, Integrated Circuits, Using your Tape Recorder, Citizens Band Radio, Understanding and Using Your Oscilloscope, Best Way to Use Your VOM-VTVM, How to Build Electronic Kits, High Fidelity and Stereo. 23 S 7299 EP. Postpaid in U.S.A.

## VHF Converter and Detector Kits



498

VHF Police/Fire Converter Kit. Tunes $30-50 \mathrm{MHz}$ on your AM radio. Requires $9-V$ batt. $30^{\prime}$ of any wire. 24 S 9507 . Wt., 2 oz..
VHF Police/Fire Converter Kit. Tunes $150-164 \mathrm{MHz}$ on your FM radio. Rea. $9-\mathrm{V}$ batt., 50000 pot, $2^{\prime}$ wire. 24 S 9508. Wt., 2 oz............ 4.98 VHF Aviation Band Converter Kit. Tunes $118-128 \mathrm{MHz}$ on your AM radio. Req. $9-V$. batt., $2^{\prime}$ any wire. 24 S 9509. Wt., 2 oz..
Metal Defector Kit. Range of several feet. Use with a portable AM radio. Req. $9-V$, batt. \& clip, wood handle.
24 S 9510 . Wt., 2 oz..
18 S 5980. 9-V Battery. 6 oz.. $2 / 59$ 4.

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Bargains!


Remote Control Center for TV, radio, hi-fi equipment

## 895 <br> With <br> $60-\mathrm{min}$. <br> Timer

Switch
Turn any audio device on or off remotely. Turns off unwanted commercials or lowers volume. Has built-in speaker with switch and volume control. Includes $20-\mathrm{ft}$. cable, earphone.
24 S 9071 . Shpg. wt., $11 / 2$ lbs.
Remote Control Center with $60-$ minute Timer Switch. Above, remote-control shutoff, up to $60-\mathrm{min}$. delay. AC.
24 S 9072 . Shpg. wt., $11 / 2$ lbs..

> Motors for Slot Cars, hobby use

|98
$2^{98}$

Set of 6 Motors. Great for the model car fan. One each from table below. *Dual drive shaft. tWith gear train and axle. (Arle speed. 24 S 9050. Wt., 14 oz.
1.98

Sel of 10 Motors. One each from table, plus 3 extra X-2 and 1 extra X-1. 24 S 9051. Wt., $13 / 4$ lbs.

| Type | Noload <br> rpm | Voles | No-load <br> Mmps |
| :--- | :---: | :---: | :---: |
| X-1 Scutller | 33.000 | 12 | .6 |
| X-2 Stalker | $\mathbf{3 2 , 0 0 0}$ | 12 | .5 |
| X-3 Destroyer* | 21,000 | 12 | .75 |
| X-4 Avenget | 34,000 | 6 | 1.1 |
| X-5 Scorcher | 38,000 | 12 | .9 |
| X-6 Devastatort | 7.5008 | 12 | .4 |



W'as $\mathbf{5 6 . 9 5}$. Charges batteries below in 24 hrs. $93 / 4 \times 4 / 4 \times 28 / 4$ ". AC. 18 S 5239. Wt., 1 lb .
Rechargeable Alkaline Batteries 18 S 5815. Size "D". 5 oz..... Each 1.17 18 S 5816 . Size "C". 21/2 oz.. Each 1.00 1855817 . Size "AA". 1 oz.... Each 65


Eveready Lantern

Recharges from any AC outlet

## Cut ${ }^{52.00} \quad \mid 33^{95}$

Was \$15.95. Rechargeable lantern provides steady beam up to $13 / 4$ hrs. on a charge. Never needs batteries. Recharges to peak performance overnight from AC line. $3 \times 4 \times 6^{\prime \prime}$.
18 S 5171 . Wt., 3 lbs.
13.95


Battery/AC Safari-Lite
Cut ${ }^{5} 2.00$
$16^{31}$
Was \$18.31. Fluorescent portable light operates on batteries or AC. With two 246 batteries, extra batteries below.
18 S 5164. Wt., 11 lhe.
16.31 18 S 5143 . Z46 Batteries. (Uses 2). $6 \frac{1}{4}$ lbs....Pkg. of 2 for 5.86

## Fused AC-Outlet Boxes


(A) Four-Outlef, Four-Switch Box. Rated 15 amps. With 2 -wire plug and outlets. $131 / 2 \times 21 / 4 \times 1 \frac{1}{2}$. 10 -ft. cord. 24 S 9343 . Wt., $21 / 4$ lbs.
4.95
[B] Six-Outiet, One-Switch Box. Rated 15 amps. With 2 -wire plug and outlets. $131 / 2 \times 21 / 4 \times 1 \frac{1}{2}$ ". $10-\mathrm{ft}$. cord.
24 S 9342 . Wt., $21 / 2$ lbs.
4.95

## Wrist FM Transmitter



Cut ${ }^{5} 1.00$
$8^{88}$
Was 59.88 . Broadeasts to any standard FM radio up to 100 feet away. Tunable $85-91 \mathrm{MHz}$. Detachable antenna serews on. Order battery helow.
24 S 9299 S. Wt., 2 oz. . . . 8.88
18 S 5345. Battery. 3 oz.. 6/1.98


Was $\$ 6.95$. For miniaturized equipment. Push-pull output. 4 transistors. $9-\mathrm{V}$ battery below. 24 S 9209. Wt., $12 \mathrm{oz} . . . .5 .95$ 24 S 9207. Above, 1-watt oulput. Whas 85.95 . Wt., 12 ox.... 4.95 18 S 5980. Battery. 6 o\%... 2/59 ${ }^{\text {d }}$

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Popular Ranch Style Utility Building . . a handsome and useful addition to your yard

## Low 9995

$7 \times 5-4$

- Fast and easy assembly
- Sturdy steel frame
- Roller coated finish for long-lasting luster

Handsome steel utility building looks great on your lawn, and gives you that much-needed storage space. Rugged skyscraper frame is easy to erect. Outside sliding doors and gabled roof give you maximum inside storage area. $50^{*}$ door opening. Electro-galvanized steel exterior with roller coated /finish assures nainte-nance-free, lasting beauty. Kanch Brown siding and roof, white trim.
Includes authentic lantern over door. Steel floor optional (listed below)

| $\begin{gathered} \text { Stock } \\ \text { No. } \end{gathered}$ | Mer's Type | Dimension: |  |  | Door Opening |  | We. Lb: | EACH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | w | D | H | $w$ | H |  |  |
| $26539552{ }^{\circ}$ | 75R | $7 \cdot$ | $5^{\prime}$ | $6^{\prime 7}{ }^{\prime \prime}$ | $50^{\prime \prime}$ | $69{ }^{\circ}$ | 255 | 99.95 |
| 2653956 ZF | 77 R | $7{ }^{\prime}$ | 7 | $6^{\prime 7}$ | $50^{\prime \prime}$ | $69^{\circ}$ | 311 | 139.95 |
| 2653957 ZF | 107R | $10^{\circ}$ | $7{ }^{\prime}$ | 6'7" | $50^{\circ}$ | $60^{\circ}$ | 365 | 159.95 |



## Traditional Style Utility

 Building . . as practical and rugged as it is attractive
## Low os 995 <br> 7x5-f.

- Perfect all-weather protection
- Electro-galvanized steel with roller coated finish
- Easy assembly, rigid frame

Elegant traditional styling, with loads of storage space for garden tools, lawnmower, even a snowmobile. Easy-to-erect skyscraper frame with snap-in horizontal siding, maintenance-free roller coated finish. Outside sliding doors with wide opening for easy access: galvanized bottom door track. Gabled front-to-back roof. Tamperproof. Traditional green siding and roof, white trim. Floor optional.

| Stock No. | $\begin{aligned} & \text { Mfr's } \\ & \text { Type } \end{aligned}$ | Dimenstions |  |  | Door Opening |  | Wt., Lbe. | EACH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | w | D | H | W | H |  |  |
| $26 S 3951 ~ 2 F$ $26 S 3952 \mathrm{ZF}$ | 75 T | 7 | 5 7 7 | $67^{\prime \prime}$ | 50 50 50 | 69 69 | 253 309 | 99.95 139.95 |
| 26 S 3953 zF | 107 T | $10^{\prime}$$10^{\prime}$ | 7 | $\begin{aligned} & 6^{\prime} 7^{\circ} \\ & 7^{\prime} 10^{\circ} \end{aligned}$ | $50^{*}$ | 69* | 363 | 159.95 |
| 2653954 ZF | 1010 T |  | $10^{\prime}$ |  | $50^{\circ}$ | $801 / 2^{\prime \prime}$ | 467 | 199.95 |
| Galvanized Steel Flooring for utility buildings |  |  |  |  |  |  |  |  |
| Stock No. | Typo | For Euifinge |  |  | Size |  | Lbs. | EACH |
| $26 \$ 3958 \mathrm{ZF}$ $26 \$ 3959 \mathrm{zF}$ | 775 | 75 T and 75R |  |  | $7 \times 5 \mathrm{ft}$. |  | 48 67 | 14.95 19.95 |
| 26 S 39592 F 265965 zF | 777 | 77 T and 77R107 T and 107R |  |  | $10 \times 7 \mathrm{ft}$. |  | 95 | 19.95 29.95 |
| 26 S 3966 2F | 770 711 |  | $\mathrm{T}^{\text {and }}$ |  | $10 \times 10$ f |  | 35 | 39.95 |

## Exciting values in home and shop Tools



## Unimat 5-in-1 Lathe with FREE 3-aw universal chuck

Separately, \$164.45. Save on this miniature machine shop! Compact, precision unit can be used as lathe, drill press, milling machine, polisher, and grinder.
Headstock can be rotated $360^{\circ}$; removes from bed for vertical setups. 11 speeds, 900 to 7200 rpm Takes $3^{\prime \prime}$ dia. pieces, $6.9^{\prime \prime}$ centers. Drill takes pieces $61 / 4^{\circ}$ high, drills to center of $61 / 4^{\prime \prime}$ circle.
With Jacobs-type drill chuck, roughing bit, wood chest, 40 -page handbook, plus FREE 3-jaw lathe chuck that centers round tools from $0.118^{\circ}$ to $21^{\prime \prime}$ ". Spindle acfurate to $0.005^{\prime \prime} .1 / 10-\mathrm{hn} \mathrm{AC} \mathrm{mo}^{-}$ tor. $141 / 2 \times 5 \times 55^{\prime \prime}$. Imported. 26 S 003812 U . Wt., $38 \mathrm{lbs} . . .139 .50$

## Cut <br> 55.07 II. $94^{88}$

## Featherweight Generator

Tiny Tiger. Was \$99.95. Buy now and save! Miniature gasolinepowered generator delivers 350 watts at 117 VAC or 12 amps at 12 VDC. Uses only 14 ounces of fuel per hour. High-capacity magneto ignition. Direct-drive generator. Spark arrestor; muffler. $101 / 4 \times 81 / 2 \times 8 \frac{1}{2}$.
26 S 3751 X. Wt., 15 lbs.... 94.88

## Microflame Miniafure Torch <br> 1488 <br> Value priced! Self-contained torch welds, brazes, and cuts most metals. Develops over $5000^{\circ} \mathrm{F}$ Only $51 / 4 \times 2 \times 1 / 4$. With three tips, torch tube, gaskets, two oxygen and one butane cylinders, instructions. In plastic box. <br> 26 S 3275. Shpg. wt., $1 \mathrm{lb} . . .14 .88$ 26 5 3276. Oxygen Cylinder. <br> 1-5...Eoch 70 6-Up... Each .60 26 S 3277 . Butane Cylinder. 1-5 ...Each . 45 6-Up... Each 40



## Dymo Labelmaker Kit

Model M-20. Was 84.95. Precision embossing outfit makes raised letter, adhesive labels. 3 wheels, five $3 / 8^{\prime \prime}$ and five $1 / 2^{\prime \prime}$ tapes, case. Wheel for $3 / 8^{\circ}$ tapes emhosses basio-size letters, $1 / 2^{\prime \prime}$ wheel for giant letters; third wheel embosses letters vertically. Order extra tapes from Cat. 290. 26 S 3185. Wt., 4 lhe.
19.88

## Rockwell shockproof Power Tools with breakproof housings

## $42^{99}$ <br> $38^{\prime \prime}$ variable speed reversing Drill Kit

Madel 9089. Requires no ground, yet is perfectly safe to use. Adjustable and variable! Has self-aligning bronze bearings, double reduction gears. Phillips driver bit, chuck key, side handle, bits and finder for slotted screws, masonry bit, 4 boring bits, 3 twist bits. Paint mixer, case. AC. 26 S 3970 X. Shpg. wt., 7 lbs..... 42.99
 39993499
Doubleinsulated to protect the user ogolnst electrical shock

## Powerful $732^{\prime \prime}$ Green Line Saw

Model 75. Low price for such a fine saw! Has the power, versatility, and handling ease for the tough jobs. Comfortable handle gives you perfect control. Full-size controls, accurate depth and angle adjustments, safety blade clutch. Cuts $33 / 8^{\prime \prime}$ at $90^{\circ} ; 113 / 16^{\circ}$ at $45^{\circ}$. $10 \mathrm{~A}, 4500 \mathrm{rpm}$ motor. AC.
26 S 3967 X. Shpg. wt., 13 lbs. . 39.99

## Green Line Edger-Trimmer

Model 40. Low price! Well balanced and easy to handle. Trims grass where mower is hard to manage. $90^{\circ}$ edger, converts to $45^{\circ}$ trencher. Double-insulated to protect user against electrical shock. Has reduction gear for more power; 2.7 -amp, $7000-\mathrm{rpm}$ motor. $7^{\circ}$ hlade, safety guard. AC. 26 S 3969 X. Shpe. wt., 14 Ibs.. . 34.99

## Don't miss this exciting value in precision Husky 194-piece Tool Set

- 50 sockets and accessories for every job
- Versatile automotive ignition sets

Alloy sockets and handles: $1 / 2^{\prime \prime}$ drive- 10 sockets ( 7 /i6 to 1"), ratchet, $19^{\prime \prime}$ speeder, $5^{\prime \prime}$ extension: $3 / 8^{\prime \prime}$ drive- 7 sockets $\left(3 / 8\right.$ to $3 / 4$ ), $1 / 2$ to $3 / 8^{\prime \prime}$ adapter; $3 / 4$ drive eight 6 -point sockets ( $8 / 16$ to $7 / \mathrm{K}^{7}$ ), three 8 -point sockets ( $1 / 4$ to $8 / 8^{\circ}$ ), $6^{\prime \prime}$ extension, $6^{\prime \prime}$ flex handle.
Carbon sockets and tools: $36^{\prime \prime}$ drive -7 sockets (7/6 to $7 / 8^{\circ}$ ), "L", handle, metric drive- 7 sockets ( 7 mm to 14 mm ), "L" handle; $1 / 4$ " drive- 7 sockets ( $1 / 4$ to $1 / 2$ ") with "L" handle and rack; $13 / 10^{\circ}$ sparkplug socket and bar.
Other tools included: 6-pe. open-end wrench set (5/16 to 3/4") ; 24-pc. automotive ignition set; 8-pc. ignition wrench set; 18 -pe. hex-key set; hacksaw frame with 24 extra blades; 17 -pc. screwdriver set; 13 -pc. drill set; $3 / 8^{\prime \prime}$ tempered steel cold chisel; $6^{*}$ combination plier; shop-knife and 5 blades; fine and medium armature paper for "turning" armatures. Large metal tool box with tote tray; holds complete tool set.
$2652412 \times$. Shpg. wt., 30 lbs..
37.88


## Miller all-purpose Spray Outfit

Includes piston-type 110 V air compressor, $12-\mathrm{ft}$. hose, \$18 pressure-type internal-mix spray gun, 1-quart canister; round, fan, angle spray nozzles; 16 siphontype external-mix spray gun, 1 -pint material jar, open and fine spray nozzles; $\# \mathrm{AB}-100$ shading-brush kit with $21 / 2$-oz. material jar, open and fine spray nozzles, 2 extra material jars, lids.
26 S 3972 X. Shpg. wt., 11 lbs.
39.95


> Buy now and save on Dremel Moto Tool with bits and router for all hobby and shop work

Model 271. Separately, 860.90 . 0.8 -amp motor with fan, self-lubricating bearings. $71 / 4$ " long, 11 oz . With 34 accessories: hi-speed steel cutters, grinding wheels, polisher, brushes, sanding dises, drum sander, mandrels, dressing stone, wrench, 4 collets ( $\left.1 / 8,3 / 32,1 / 16.1 / 6{ }^{2}\right)$, case,
 veining. AC.
26 S 0010 L3X. Shpg. wt., 5 lbs.
45.88

Save now on these heavy-duty woodworking power tools


## AMT 4' lathe with $12^{\prime \prime}$ swing




## AMT Belt and Disc Sander

Model 271. Was \$24.95. Buy now at our low sule price! Operates horizontally or vertically. Has unique track/tension adjustment. Dise sander table tilts to $45^{\circ}$. Drive spindle for $1 / 4$ " tools. Order motor below.
26 S $1282 \times$. Shpg. wt., $17 \mathrm{lbs} . .19 .88$ $26 S 3274$ X. t-hp 1750 rpm G.E. Motor. For above. AC. Wt., 17 lbs..... 22.95

Save 55.95

5995
AMI Arbor Saw,
FREE extra blade
Model 2164. Separately, 860 .90. Crosscuts, bevels, rips, mitres, cuts compound angles, makes dadoes, mouldings, coves. $101 / 2 \times 13^{\prime \prime} .2$ mitre slots. Cuts to $21 / 4^{\prime \prime}$. Tilts to $45^{\circ}$. 1 -hp motor, blade. rip fence, guard. $10^{\prime \prime}$ extensions. AC. FREE blade for plyunod work.
26 S 0013 L2U. Shpg. wt., 38 lhs. 59.95
265 2758. Extra Blade. 8 oz....... 5.95

## Fedders comfort-cooling room Air Conditioners



## Budget-pleaser 5000 BTU model

## 0995 - Speedy "Hi Cool" switch <br> - Reserve cooling power

Model ASPOSE2DZ. Treat yourself to maximum yearround comfort with this lightspace-saver model. Replace the stale humid air of hot summer days with cool spring-fresh air. Switch to "Hi Cool" on those really hot days for extra-fast cooling action. When room is, pleasanitly cool switch to "Lo" to maintain temperature level. "Fan only" operation gives effective air circulation throughout room. Ideal for bedroom or similar-size roonas. Air is purified by washable, reusable polyurethane filter with germicidai properties. Dehumidifies up to 36 pints of water daily. Fast "Easy Mount" installation lets you move unit from room to room. Compact size fits even narrow windows and lets you close drapes. Steel cabinet is treated 6 times for protection against all weather conditions-leave unit in window the year round. Draws only 7.5 amperes. Cooling vapacity, 5000 BTU /hr. $121 / 2 \times 20 \times 17^{9} / 3_{2}^{\prime \prime}$. UL Listed. 115 VAC. 26 S 3940 ZW. Shpg. wt., 86 lbs.
99.95

## Fedders deluxe 5000-8000 BTU models

## Low 3995 "Library quiet" operation <br> as

DLX.Series. Two fan speeds, automatic thermostat. Air exchanger exhausts stale or smoke-filled air. Silent-flow centrifugal blower. Flex-Mount installation. Washable filter. Three-wire cord, plug. $12^{1} \frac{1}{2} \times 20 \times 199 / 32^{\prime \prime}$. ASPO5F2D depth, $179^{\circ}$ an $^{*}$. Walnut-finish front panel. UL Listed. 115 VAC.

| Stock <br> No. | Mrr's <br> Type | BTU | Amps | Dehumidify <br> Pints/hr | Wt., <br> Ibs. | EACH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $26539412 W$ | ASPO5F2D | 5000 | 7.5 | 1.5 | 86 | 139.95 |
| $2653942 Z W$ | ACRO6F2D | 6000 | 9.1 | 1.8 | 96 | 159.95 |
| $26 S 39432 W$ | ASRO6F2D | 6000 | 7.5 | 1.8 | 108 | 169.95 |
| $26539442 W$ | ACRO8172D | 8000 | 12.0 | 2.4 | 114 | 199.95 |



# Poulan Chain Saws do the big jobs fast 

## Rugged $16^{\prime \prime}$ and $20^{\prime \prime}$ models

Series 203. Compression by-pass starting relieves cylinder compression and sets throttle for fast easy starts. Push button to sharpen chain in 5 seconds. Automatic and manual override oilers for proper lubrication. $100 \%$ ball and needle bearing construction. Twocycle 1 cylinder air cooled engine weighs 123/4 lbs. Displacement, 3.6 cu . in. Direct drive. Shpg. wt., 21 lbs.
$26 \mathrm{~S} 3930 \times 16^{\circ}$ Model.
26 S $3931 \times .20^{\circ}$ Model.
229.95

## Low-priced $17^{\prime \prime}$ model

Model 361. This heavy-duty saw can fell and buck trees up to $34^{\circ}$ at nearly an inch per second. Cuts in any position even upside down. Speed control carburetor prevents danger of engine over-speed. Dynamically balanced crankshaft minimizes vibration Extra-heavy chrome plated cylinder for long Life. Direct drive. Engine wt., 133/4 lbs. Displacement, 3.6 cu . in.
26 S 3933 X. Shpg. wt., 20 lbs.
149.95

# Special offers on Car Accessories 

## © Delta Ignition System plus Bonus

Separately, 549.90 . Makes starting easier in any weather because Silicon Controlled Rectifier switching is unaffected by temperature extremes. Provides up to $20 \%$ better gas mileage; 3 to 10 times longer spark plug life-with spark rise 10 times faster. 60 to $80 \%$ less ignition maintenance. Installs in just 10 minutes, using standard coil-no tricky rewiring! $4 \times 8 \times 5$ ". 12 VDC, neg. gnd. 19 S 0030 L2X. With Free Manual. $31 / 2 \mathrm{lbs}$.
39.95

## © Judson Ignition System plus Bonus

Separately, 349.89. Silicon-transistor electronicmagneto system gives faster starts, outstanding high-rpm performance, longer plug and point life. As in an aircraft magneto, voltage increases as engine speed increases, matching ignition requirements of engine. Installs easily simply transfer 2 wires from present coil. Uses less current than standard ignition. For 6 or 12 volts, negative ground. 19 S 0053 L2X. With Free Manual. $31 / 2$ Ihs...... 39.88



## Save ${ }^{5} 4.88 \quad 29^{95}$

## Uni-Tach Motor Monitor

Separately. \$34.83. Great offer! Get top performance from your car with motor monitor and get remote starter/ignition switch free. Uni-Tach measures engine rpm, dwell angle, battery output. Easy to install. With cable, mtg. hardware, plugin test leads, instructions and tune-up guide.
19S 0227 L2X. With free RAC E-Z Start. 6 lbs........ 29.95


## AC-powered Timing Light

Was 812.95 . Provides you with sharp, bright inage for accurate timing. Checks automatic spark advance, detects worn distributor shaft, helps syac double points. Safe, shock-proof. Protected against accidental burnout. Xenon strobe. U.L. listed. AC.

19 S 4131.2 lbs........ 10.88
19 S 4165. Repl. Tube. . 4.99

Cut ${ }^{5} 4.0715^{88}$

## Two-trumpet Horn Set

Fiamm. Was $\$ 19.95$. Save on two chrome-plated brass horus that sound as a single horn and deliver a loud, clear and pleasing tone. Powerful. distinctive and attention-getting. Has a range of up to one-half mile. Comes wth heavy-duty contpressor, instructions. 12 VDC negative ground. Shpg. wt.. 5 lbs
19 S 4050 X
15.88


## Cut ${ }^{5} 8.07$ I9 ${ }^{88}$

## Siren Burglar Alarm

Was $\$ \mathbb{2} 7.95$. Protect your car with the sharp penetrating sound of a policetype siren. Operates when doors, hood or trunk are opened and continues until alarm is turned off with key. Comes with 6 switches, brackets, electric lock. hardware, detailed instructions. 12 VDC negative ground. Shpg. wt., 6 lhs. 19 S 4127 X .
19.88


## Safety Auto Mirror

See better in all weather. Mirror defrosts defogs at the flick of a switch; "flips" for glare-free night driving. Red light in mirror face warns rear traffic, amber light on back of mirror warns oncoming traffic. Operates from dashboard switch. Ellipse shape. 12 VDC. $21 / 4$ liss. 1954757
12.95

# Great values in Car Radios, Tuner and Reverb 



## 5488

$\$ 5$ monthly ${ }^{*}$

## Stereo FM Auto Radio with automatic switching

Medalion 65-230. Take exciting listening with you-enjoy your favorite FM programs in your car with this rich-sounding, sensitive radio. Automatically switches to stereo when a multiplex station is received. Variable volume and tone, slide-type bulance controls. Metal cabinet, wood-tone front $7 \times 6^{3 / 4} \times 2^{\prime \prime} .12 \mathrm{VDC}$.
19 S 4758 . Japan. Shpg. wt., $51 / 2$ lbs.
54.88

## Cut ${ }^{\text {s }} 10.07$ more 7988 ss monthly*

## Stereo FM Car Radio with four IF stages

Automatic Rodio MXR-8404. Last sale price, 889.95. Save while sale lasts! Fill your car with thrilling stereo FM music. Four IF stages assure sensitive, noise-free reception. Slide-rule dial. AFC. Stereo light. Slim design permits easy mounting. 12 VDC. Order speakers from p. 111 or from Catalog 290, p. 114. Japan. 1954037 X. Shpg. wt., 8 lbs..
79.88


Was $\$ 69.95$. Save now and add the einjoyment of both FM and AM radio to your Volkswagen. Mounts perfectly in the dash of 1958 through 1967 Volkswagen sedans. Features five easy-to-set pushbuttons; three for AM and two for FM. 11 transistor circuit. AFC prevents FM drift. Tone control and $6^{\circ}$ speaker. Accessories. 6 or 12 VDC. $1954456 \times$. Shpg. wt., 9 lbs. Japan..
59.88

19 S 4186 X . Above, for ' 68 , ' 69 models. 9 lbs........... 59.898

## Cut ${ }^{5} 10.075^{88}$ mosmbo

## Deluxe pushbutton FM-AM Car Radio

Automatic Radio. Was $\$ 69.95$. Provides full-fidelity reception of static-free FM, plus excellent AM. Highly sensitive circuit transistor pulls in strong, clear signals. Push-pull output delivers plenty of car-filling volume. Has volume and tone controls; AFC to prevent FM drift. Big $5 \times 7^{\circ}$ speaker. Easily mounted in all cars, boats. $2 \times 7 \times 7^{\prime \prime}$. For 12 VDC. Japan.
19 S 4254 X. Shpg. wt., 10 lbs..
59.88


## Cut ${ }^{5} 2.0728^{88}{ }_{\text {monthly* }}^{55}$

## Allied Tunable Reverb System

Was \$23.95. Bargain hunters order now! Add reverberating concert-hall sound to your car. Variable control on dash panel lets you adjust reverberation for thrilling "live" sound. Doublespring systen delivers stereo-like fidelity. Control unit has two recessed saiety knobs. With $6^{\circ}$ round speaker and $6 \times 9^{*}$, adaptor board. 12 VDC. $13 / 4 \times 43 / 4^{2}$. Trunk mount.
19 S 4541 . Shpg. wt., 6 libe. . . . . 21.88


2795 \$5 Car-filling sound manthly* without distortion
Add entertainment to your driving with easy-to-install pushbutton AM solid-state radio. Value-packed unit features five easily-set pushbuttons for fingertip control. High-gain transiotor circuit offers good reception of even weak signals. Built-in $5 \times 7^{\prime \prime}$ speaker delivers big sound. Slide-rule dial for on-station tuning. $2 \times 5 \times 63 / 8^{\circ}$. For 12 VDC pos. or neg. ground.
$1954235 \times .9$ lbs. Japan. ...... 27.95 $1954234 \times$. Same os above but with manual tuning and $4^{\circ}$ spkr........ 19.95

9-band Shortwave Car Tuner Plays through AM car Radio


## Cut ${ }^{5} 5.0724^{88} \underset{\text { monthly* }}{\$ 5}$

Was 829.95. Fantastic bargain! Now you can receive shortwave in your car. Solid-state tuner pulls in European radio, Voice of America, more. Pushbuttons select $90,60,49,41,31,25$. 19,16 and 13 meters. Tune your AM radio to " 10 ," select desired band, then tune with your regular radio. Plugs into antenna socket of AM radio, uses its standard antenna-no rewiring! $15 / 3 \times 81 / 3 \times 31 / 2^{\prime \prime} .6$ or 12 VDC. Shpg. wt., $31 / 2 \mathrm{lbs}$.
19 S 4041 .
24.88


# Price Cut on Allied Auto Analyzer 

Universal Auto Analyzer saves money on tuneups, troubleshooting, repoirs

## Cut ${ }^{100.07}$ $49^{88}$ <br> \$5 monthly*

Model A-1707. Was $\$ 59.95$. Low, low price! Save $\$ 10.07$ on purchase price . save hundreds of dollars during the life of your car! Allied's own-solid state, batterypowered analyzer has big 7 -inch meter with 10 scales. Protected against damage from up to 7-times full current. Scales read 0-3.2-16 VDC; $0-90$ amps; $0-1200-$ $6000 \mathrm{rpm} ; 0-45^{\circ}, 0-90^{\circ}, 0-60^{\circ}$ dwell angle; $0-20,000$ ohms with 100 ohms at center scale. Can be used with any 4, 6, 8-cylinder engine. Tachometer scale reads engine rpm, helps you set idling speed and automatic
transmission shift points. Dwell meter tests points, distributor, and spark advance. Ammeter checks generator, alternator, voltage regulator. Built-in voltmeter measures battery voltage to any electrical component in car. Ohmmeter measures resistance of coudensers and coil and checks continuity of electrical circuits. Function switch, diode test switch. Substitution condenser for ehecking suspected condensers. $12 x$ $53 / 4 \times 61 /{ }^{\prime \prime}$. Japan. Shpg. wt., 16 lbs.
19 S 4188 X .
49.88


Wams of police
Leather-look panel with wood inlay


Swivel-mounted

## Cut ${ }^{5} 3.07 \mathrm{~g}^{88}$

## Utah Rear Deck Speaker

Huge $6 \times 9^{\prime \prime}$ woofer with 6-oz. magnet for deeper bass response

Was \$12.95.Our lowest price ever on high-quality 2 -way rear deck kit. Has 6x9* woofer with $6-\mathrm{oz}$. magnet for good bass, plus $3^{*}$ tweeter for better highs. For 10, 20, or 40 ohms wiring. Cap., 15 watts peak. Chrome grille, $51 / 2 \times 9^{\circ}$. Depth, 3". Screw terminals for no-soldering hookup. Grille, escutcheon, fader control, hardware, wire, instructions. Wt., $21 / 2 \mathrm{lhs}$. Buy now and save!
19 S 4571.
9.88

## AC to DC Power Converter

Can be used for testing and displaying of auto radios, tape players

Compact and convenient solid-state power converter used for converting household electricity into 12 volt DC. Perfect for displaying or testing car radios and tape players. Unit has 2 amp capacity, with 3 amp surge power available. Generates enough power to operate any tape player. With on/off switch. Rugged metal housing. Instructions. $61 / 2 \mathrm{x}$ $3 \times 4^{\text {r }}$. Japan. Order now al this bargain price!
19 S 4759 . Wt.. 4 lbs. 19.95

# 2495 <br> \$5 <br> monthly* 

## Traffic Radar Sentry <br> Solid-state unit comes with long-life Mercury batferies

Excellent value! Gives audible warning when triggered by police radar. Alerts you when driving into dangerous area, makes you aware of speed limits for extra safety. Solid-state circuit powered by two 1000 hour mercury batteries. Volume control. Clips to sun visor. $2{ }^{1} \times 25 / 8 \times 31 / 4$. Black case. With full instructions. Use may be regulated $5 y$ siate lavos. Shpg. wt., $11 / 4$ libs. Order now!
19S4132.............. 24.95

## Oil/Amp/Water Gauge

Takes the guesswork out of monitoring vital car functions

Hawk 364. Was \$17.95. Spe cial price cut! Continentaldesign gauges minimize possibility of engine damage . . eliminate guesswork while monitoring your car's vital functions. Indicate water temperature between $100^{\circ}$ and $250^{\circ} \mathrm{F}$; $0-80$ pounds oil pressure, $60-0.60 \mathrm{amps}$. Gauges are illuminated and set in luxurious leather-look panel with real wood inlay. Mounting hardware, instractions. Wt., $11 / 4 \mathrm{lbs}$. 19 S 4700

## Prerecorded 8-track Stereo Tape Cartridges

## Wide selection of favorites by famous artists

Choose your favorite stereo tape cartridges from this great selection of today's most popular recordings by famous artists. All are sold at Allied's low everyday discount prices.

All cartridges play af $33 / 1 / \mathrm{ips}$ and offer ease of operation for use in auto or home player. Just slide cartridge into unit and you're ready for today's best sounds. Av. shpg. wi., 6 oz.
*Indicates Twin-Pack, equivalent to two LP's


INSTRUMENTALS-EASY LISTENING

| Stock No. | Title | Artist | EACH |
| :---: | :---: | :---: | :---: |
| 19547725 | The Brass Are Coming | Tiiuana Brass | 5.89 |
| 19547735 | Windmilis of Your Mind | Percy Faith |  |
| 19547745 | *Best of Wayne King | Wayne King | 8.89 |
| 19547755 | Guy Lomberso's Grealest Hits | Guy Lombardo | 5.89 |
| 19547125 | A Warm Shade of Ivory | Henry Mancíni | 5.89 |
| 19547765 | Golden Hits | Mantoveni | 5.89 |
| 19547775 | Worid of Mantovani | Mantovani | 5.89 |
| 19547785 | Academy Award Songs | Frank Chacksfield | 5.89 |
| $\begin{aligned} & 19547795 \\ & 19547805 \end{aligned}$ | Rhapsodies for Young Lovers 1811 Phase IV Stereo | Midnight String Quartat | 8.89 5.89 |
| 19547815 | Phase IV Popular Stereo | Sampler II | 5.89 |
| 19547825 | Phase IV Concert Stereo | Sampler II | 5.89 |
| 19547835 | Little Green Apples | Lensy Dee | 5.89 |
| 19547845 | Bouquet of hits | Ferrant \& Teicher | 5.89 |
| 19547855 | Love Theme from Romeo \& Juliet | Roger Williams | 5.89 |
| 19547095 | Easy Listening Prosram | Various Arlists | 5.89 |

## TODAY'S SOUND-POPULAR FAVORITES

| Stock No. | Title | Artist | EACH |
| :---: | :---: | :---: | :---: |
| 19547885 | Beatles Arain | The Beatles | 5.89 |
| 19546545 | Sergeant Pepper | The Beatles |  |
| 19546525 | -The Baatles | The Beaties | 1.89 |
| 19547485 | Top Ten of Country Music | Various Arlists |  |
| 19547085 | Pod Probram | Various Artists | 5.89 |
| 19545185 | Templations' Greatest Hits | Temptations | 5.89 |
| 19547355 | Elvis Presley in Memphis | Elvis Presley |  |
| 19546385 | TV Special | Elvis Presley | 5.89 |
| 19546685 | Association's Greatest Hits | The Association | 5.89 |
| 19546675 | Rascals' Greatest Hits | The Rascals | 5.89 |
| 19547865 | Hot Buttered Soul | Isazc Hayes | 5.89 |
| 19547875 | *0dessa | Bee Gres | 8.89 |
| 1954789 S | Best of The Bea Gees | The Bee Gees | 5.69 |
| 1954719 S | Blind faith | Blind Faith | 5.89 |
| 19547175 | Blood, Sweat \& Tears | Blood, Sweat \& Twars | 5.89 |
| 19547905 | Popcora | James Brown | 5.89 |
| 19547915 | It's $A$ Mother | James Brown | 5.89 |
| 19547925 | Sonigs for A Tailor | Jack Bruce | 5.89 |
| 19547935 | -Wheels of Fire Vol. 1 \& II | Cream | 8.89 |
| 19547265 | Bayou Country | Creedence Clearwater | 5.89 |
| 19547945 | Green River | Creetence Clearwater | 5.89 |
| 1954815 | Willy \& The Poor Boys | Creedence Clearwater | 5.69 |
| 1954718 S | Crosby, Stilis \& Nash | Crosty, Stifls \& Nash | 5.89 |
| 19547225 | Donovan's Greatest Hits | Donovan | 5.89 |
| 1954795s | Barabajagal | Donovan | 5.89 |
| 1954796 S | *Freedom Sulte Vol. 1 \& 11 | The Rascals | 8.89 |
| 19547215 | Nashville Skyline | Bob Dylan | 5.89 |
| 19547165 | Age of Aquarius | Fifth Dimenston | 5.89 |
| 19547975 | Smash Hits | Jimi Mendstx Experience | 5.89 |
| 19547985 | Alice's Restaurant | Arlo Guthrie | 5.89 |
| 19546715 | In-A-Gadda-Da-Vida | Iron Butterfly | 5.89 |
| 19547995 | Kozmic 8lues | Janis Joplin | 5.89 |
| 19548005 | Volunteers | Jefferson Airdlane | 5.89 |
| 19548015 | Waiting for the Sun | The Dcors | 5.89 5.89 |
| 19548025 | 16 Greatest Hits | Mamas \& Padas | 5.89 |
| 19548035 | Tursing Point | John Mayall | 5.89 |
| 19548045 | Through the Past Darkly | Rolling Stones | 5.89 |
| 19548055 | Let it Bloed | Rolling Stones | 5.89 |


| Stock No. | Titte | Antist | EACH |
| :---: | :---: | :---: | :---: |
| 19547325 | Folsom Prison | Johnny Cash | 5.89 |
| 19548185 | At San Quentin | Johnny Cash | 5.89 |
| 19548195 | Greatest Hits | Hank Williams | 5.89 |
| $\begin{aligned} & 19543335 \\ & 19547305 \end{aligned}$ | The Very Best of Connie Francis Aretha's Gold | Connie Francis Aretha Franklin | 5.89 5.89 |
| 19548205 | Golden Hits It | Dionne Warwick | 5.89 |
| 19547315 | Galveston | Glen Campbell | 5.89 |
| 19548215 | Doin His Thing | Ray Charlos | 5.89 |
| 19548225 | Lady Soul | Aretha Franklin | 5.89 |
| 1954733 S | Live | Tom lones | 5.89 |
| 19548235 | Live at Las Vegas | Tom lones | 5.89 |
| 19547345 | This is Tom Jones | Tom Jones | 5.89 |
| 19548245 | Best of Charley Pride | Charley Pride | 5.89 |
| 19548255 | Romeo \& Juliet | Jobnny Mathis | 5.89 |
| 19548265 | Gel Together with Andy Williams | Andy Williams | 5.89 |
| 19548315 | A Man Alone | Frank Sinatra | 5.89 |
| 19546355 | Greatest Hits I | Dean Martin | 5.89 |
| 19548275 | *Treasury of Great Artists | Various Artists | 8.89 |
| 1954828 S | Hurt So Bad | Lettermen | 5.89 |

## SHOW TUNES

| 19547375 | Hair | Original Cast | 6.89 |
| :---: | :---: | :---: | :---: |
| 1.954829 S | Easy Rider | Soundtrack | 5.89 |
| 19548305 | Midnight Cowboy | Soundtrack | 6.89 |
| 19 S 4297 S | Sound of Music | Soundtrack | 6.89 |

## JAZZ

| 19542965 | TiT | Dave Brubeck | 5.89 |
| :---: | :---: | :---: | :---: |
| 19544865 | A Day in the Life | Wes Montgomery | 5.89 |
| 19544875 | Best 01 | Wes Montzomery | 5 |
| 1954736 S | Mempmis Undesground | Herbie Mann | 5.89 |

## PIANO AND ORGAN

1954404 Sl Ebb Tide Earl Grant

954628 S Only for Lovers
Roger Williams
Roger Wiliams
Roger Wisliams
5.89

954629 S More than a Miracle

## Tape-head Cleaner and Demagnetizer



Keep your cartridge player in top condition for always-perfect stereo. Insert head-cleaning cartridge in player like regular cartridge. Tape moves across heads to remove oxides and dirt and demagnetize heads. For 8 -track stereo cartridge players only. Japan. 195 4769. Shpg. wt., 8 oz.

## Universal Lock Mount prevents Stereo theft



Allows fast removal of player or radio from car when you leave it unattended. Nothing to disconnect once installed. Extra male mount permits using player in home, boat or second car. $6 / 12 \mathrm{VDC}$, pos. or neg. $1 \times 61 / 8 \times 71 / 8^{\circ}$. 1954770 . Shpg. wt., $21 / 4$ lbs..... 9.95 19 S4771. Extra Male Mount. 8 oz. 4.95

## Rubbermaid ${ }^{8}$ Holder stores 10 cartridges



Was $\$ 5.95$. Provides ideal storage of 4- or 8-track cartridges in home or car. Takes up to 10 cartridges. Keeps your tape library organized and dustfree. Plastic case has vinyl top and molded carrying handle. Size, $13 \times 5 \times 6^{\prime \prime}$. Order now for savings.
19 S 4118 X. Shpg. wt., 2 lbs.
4.88

Panasonic car and home 8-track Stereo Player

- Car/home convertibility
- Solid-state dependability

Model CX-888SU. Versatile 8-track car tape player converts to AC for home use with optional walnut cabinet. Delivers rich stereo sound from twin speaker systems (sold below) or your present home speakers. Has automatic channel changer. Volume, balance, tone and channel selector. Under-dash mounting bracket with key included. $50-10,000 \mathrm{~Hz} \cdot 27 / 8 \times 85 / 6 \times 7 \frac{8}{4} 4^{\prime \prime}$. 12 VDC , negative ground. Japan.
19 S $4744 \times$. Player. $61 / 2$ lbs..... $114: 99$ $19 \$ 4745$ X. Cabinet. 11 lbs...... 39.99 19 S $4746 \times$. Pair of Speakers. Walnut. $12 \times 8 \times 8^{\prime \prime} .12 \mathrm{lbs}$.
34.99

Optional home cabinet and twin speaker systems Home Speaker Cabinet Systems $3099 \quad 3499$


## Aiwa 8-track cartridge/cassette Car Stereo Tape Player

## Player accepts all standard cassettes and 8 -track cartridges

- Automatic cassette reverse and pop-out
- Dependable solid-state circuit

Model TP-1028. Hear your favorite music in stereo on convenient snap-in cassettes or 8 track cartridges without adapters. Has automatic or manual cassette reverse, channel selector. Volume, tone, balance controls. Popout ejection of cassettes. Illuminated track indicator for 8-track. 8-track: $100-7500 \mathrm{~Hz}_{\text {; }}$ cassette: $125-6300 \mathrm{~Hz}$. $23 / 4 \times 8 \frac{8}{4} \times 9^{3} / 4^{"} .12 \mathrm{VDC}$, negative ground. Japan.
1954766 U . Shpg. wt., 10 lbs.
159.95


## 8-track Stereo Tape Player and add-on Stereo FM Radio



Gibbs 644 Players. Provides 20 watts of power, plus automatic/manual track selection. Volume, tone and balance controls. Program lights. Accepts add-on radio below. $50-10,000 \mathrm{~Hz}$. $31 / 2 \times 8 \times 10^{\circ} .12$ VDC., neg. gnd. Japan. 19 S 4753 X. Wt., $71 / 2$ lbs........ 69.95 Gibbs 645 Radia. Fits into above player for stereo FM. $1 / 2 \times 8 \times 4^{\prime \prime}$.
19 S 4754 X. Wt., $21 / 2$ lbs........ 49.95

## 8-truck Stereo Tape Player with built-in Stereo FM Radio



Craig 3122. Plays all prerecorded 8 track tape cartridges plus stereo FM radio. Solid-state amplifier delivers 12 watts of stereo power. Automatic tape program switching; indicator lights and change button. Thumbwheel controls for easy tuning of volume, balance and tone. $70-10,000$ $\mathrm{Hz}, 12$ VDC neg. ground. Japan.
19 S 4767 X. Shpg. wt., 8 lbs.... 89.95

## Portable 8-rrack Cartridge Player

## $34^{95}$



## Uses batteries

 or plugs into car lighterAutomatic Radia EPE-9821. Perfect for your on-the-go listening. Plays 8 track tape cartridges. Operates on 6 "D" batteries (alkaline recommended, below) or plugs into cigarette lighter of car, boat. Channel indicator, tone and volume controls, earphone jack. $8 \times 6^{1} / 2 \times 3^{*}$. Order batts. below. Japan. 19 S 4768 X. Shpg. wt., 51/2 lbs.. 34.95 18 5 5346. Batteries. 10 oz........2/1.27

## Save on Car Stereo Tape Cartridge Players

## Save s17.67

## FREE Bonus! Three Stereo Tape Cartridges

Reg. $\$ 17.67$. Includes: "Pop Program" with Paul Revere and the Raiders; The Buckinghams; Gary Puckett and the Union Gap; Blood, Sweat \& Tears . "Easy Listening Program" with Glen Campbell; Tennessee Ernie Ford; Bobbie Gientry; Al Martino; The Lettermen. "Top Ten of Country Music" with Buck Owens; George Jones; Dave Dudley; Willis Brothers; Jimmy Dean; Archie Campbell; Red Savine; Roger Miller; Dothie West; George Morgan.


## 4*/8-track Home/Car Stereo Tape Player

With Bonus $109^{95}$
\$6 monthly*

Automatic Radio GES-8111. Versatile car player instantly converts to home cartridge player (with AC adapter below). *Gidget adapter for 4-track included. Thumbwheel controls-tone, balance, volume. 8-watt solid-state stereo amplifier. 15-50,000 Hz. Walnut finish, $33 / 4 \times 8,2 \times 8^{\circ}$. With 4 speakers, chromed grilles, "slip-out" mounting bracket with lock, key, phus three free tapes, 12 VDC neg. ground. 19 S 0223 L2X. Japan. Shpg. Wt., 13 lbs...... 109.95 19 S 4250. AC Adapter. Wt., 4 lbs..
27.95

19 S 4003. Car Floor Mount. Wt., 5 lbs.
8.95

## 4- and 8-track Player with FM Radio

With Bonus


## 8-rrack Cartridge Player/Stereo FM Radio

Gibbs CR-627, Lavt Low sale price was $\$ 99.88$. . Now cut 310.00 more! Play your favorite stereo cartridges in your car, or enjoy stereo FM. Track indicator lights, manual channel selector. Radio features AFC, stereo light. $12-$ watt solid-state amplifier. $70-10,000 \mathrm{~Hz}$. Black leatherette oase with chrome trim. $31 / 2 \times 8 \times 8 \frac{3}{4} 4^{\circ}$. Mtg. bracket. 12 VDC tig. gnd. Order speakers from facing page. 19 S 4057 X. Japan. Shpg. wt., 13 lhs.
89.88


Cut ${ }^{5} 5$ More $44^{88}$

## Stereo-on-a-budget 8 -track Cartridge Player

Gibbs 332B. Our last low sale price was $\$ 49.88$. . Now cut $\$ 5$ more! Anyone who really wants an 8 -track car stereo tape cartridge player can afford this bargain! Volume, tone, balance controls. Manual channel selector. 12 -watt solid-state amplifier. $70-10,000 \mathrm{~Hz}$. Black leatherette case has chrome trim. $23 / 4 \times 8 \frac{8}{4} \times 8^{3} / 8^{\prime \prime}$. Mounting bracket. 12 VDC neg. gnd. Order speakers from facing page. 19 S $4602 \times$. Japan. Shpg. wt., 11 lhs ..
44.88

## Special values in Car Stereo Tape Players

## Stereo Cassette Car Player by Automatic Radio

- Flush front
- Solid-state 5988 \$5
- Compact

Model ASC-6000. Was \$84.95. Take advantage of gigantic $\$ 25.07$ price cut and enjoy the luxury of playing your own stereo selections wherever you drive! Player takes shirt-pocket-size pre-recorded cassettes. Flush-front panel has volume, balance and tone controls. Fast-forward and reverse controls allow you to choose exact selection desired. \&-watt stereo amplifier. Built-in security device automatically locks in cartridge when ignition key is removed. Response, $80-10,000 \mathrm{~Hz}$. $25 / 8 \times 53 / 4 \times 7$. 12 VDC. neg. ground. With two $5^{\circ}$ speakers. Japan.
19 S 0231 L 2 X .10 lbs .
59.88

## Cut ${ }^{5} 10.07$ More $59^{88}$

Model CSC-1000. Last low sale price was $\$ 69.95$. . Now cut $\$ 10.07$ more! Plays all standard mono or stereo cassettes. Precision narrow-gap playbuck head assures extended highfrequency response. Keyboard-type controls for play, stop, eject. Fast forward and reverse. Volume, tone, balance controls. 10 -watt output. $70-10,000 \mathrm{~Hz} .3 \times 7 \frac{1}{2} \times 8^{\prime \prime}$. Mtg. bracket and security lock. 12 VDC neg. gnd. Less speakers. 19 S 4604 X. Japan. Ship. wt., 8 lbs..

# Features automatic cassette ejection at end of tape 

$0050 \$ 5$

Model TC-20. Instant-load model plays standard mono or stereo cassettes with exciting hi-fi realism. Pushbutton controls for stop, fast forward and reverse let you find any selection on cassette in seconds. Volume, tone and balance controls. Powerful 12 -watt stereo amplifier. 50$10,000 \mathrm{~Hz} \cdot 27 / 8 x^{3} / 16 \times 8 \frac{1}{4}$. With tape head cleaning jencil and dash mtg. bracket. 12 VDC pos. or neg. Less spkrs. 19 S 4045 X . Japan. Shpg. wt., 7 lbs.

includes 6" rear speaker for "you-are-there" stereo realism;
"On" and "Stereo" pilot lights

## Allied deluxe solid-state car stereo Reverberation System

Add reverberating concert-hall sound to your car stereo tape player or stereo FM radio. Mixes sound from each channel and delays it through rear speaker. Volume, balance and reverb controls. Mounts under dash. $13 / 4 \mathrm{x}$ $8 \times 53 / 4$ ". With $b^{\prime \prime}$ speaker, adapter hoard. grille. 12 VDC neg. gnd. 19 S 4579. Wt., 6 lhs.


Theft-resistant installation with magnetic lock

## New! Floor-mounting 8-track Steres Tape Player by Craig

Model 3123. Deluxe cartridge player quickly slips out of floor mounting base for storage; re-installs iu moments! 16 -watt solid-state stereo amplifier. $70-10,000 \mathrm{~Hz}$. Magnetic key lock. $81 / 8 \times 61 / 2 \times 91 / 2^{\prime \prime} .12 \mathrm{~V}$. Less spkrs. 19 S 4760 X. Japan. 8 libs.........99.95 19 S 4761 X . As obove, plus Stereo FM Radio. Shpg. wt., 81/2 lbs..... 149.95


## Our best car stereo Speakers give outstanding performance

Was $\$ 14.95$. Your best buy for the finest in-car stereo realism! Big 51/4" speakers boast extra-powerful $5.5-\mathrm{oz}$. ceramic magnets. Cloth-cone edges for deeper bass. Can be mounted in car doors without removing panels. 10 watt capacity. 2 speakers, 2 grilles, hardware, instructions. 4 lbs. $19 \$ 4119$

Per Pair 10.88

## Spring Sale on Allied Recording Tape

## Save $10 \%$ when you buy six or more reels during this sale!



## Save on six reels of Allied 265 . . our best

- Head-cleaning tape is spliced to end of reel
- Sensing foil activates auto-reverse recorders
- Color-coded leader at each end of tape

Allied's best tape. Professional quality for widest frequefucy response, fimest recordings. 7" reel. Latest binder system with homogenized lubrication. Identifving red and green polyester on each end. Mitra-thin bonded sensing foils actuate recorders with automatic reverse. Head-cleaning tape is spliced to one end. With book of silicone-impregnated tape cleaning pads that extend tape and head life. Order now and save!

| Stock <br> No. | Feet | Bese | Wt. <br> Lbs. | Reg. | G-UC. <br> EACH |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $15 \$ 8269$ | 1275 | $11 / 2$-mil Acetate | 1 | $\$ 2.09$ | 1.68 |
| $15 S 8270$ | 1875 | $1-$ mil Polyester | 1 | 3.19 | 2.87 |
| $15 \$ 8271$ | 2475 | $1 / 2$-mil lolyeater | $11 / 2$ | 4.60 | 4.14 |



Save when you buy 6 or more reels! Continuous length. guaranteed splice-free. Deep-lubricated for minimum recorder head wear. Full frequency response with high $\mathrm{S} / \mathrm{N}$ ratio. Moisture and heat resistant. Ideal for transcribing from record albums. *Tensilized.

| Stack No. | Real Size | Foot | Bas* | Wt., Lbs. | Reg. | $\begin{aligned} & 6-U_{p_{1}} \\ & E A C H \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1558740 | 31/4" | 600 | 1/2-mil Polyester | 1/2 | $\overline{5.89}$ | . 79 |
| 1558741 | 5 | 900 | 1-mil Polyester | $3 / 4$ | 1.37 | 1.23 |
| 1558742 | 7 | 1200 | 11/2-mil Acetate |  | 1.49 | 1.34 |
| 1558743 | $7{ }^{\prime \prime}$ | 1800 | 1-mil Polyester | 11/4 | 2.14 | 1.93 |
| 1558744 | $7 *$ | 2400 | 1/2-mil Polyester* | 1 | 3.49 | 3.14 |
| 1558745 | $7 \times$ | 3600 | $1 / 2$-mil Polyester ${ }^{\text {\| }}$ | 1 | 4.98 | 4.48 |

## Save 25\%



Your chance to buy and save as never before during this spectacular cassette sale! Allied's cassettes offer quality on a par with the best reel-type tape, plus the extra convenience of "pop-in" and play. Deep lubrication preserves tape life and protects sensitive tape-recorder heads. Reduced friction gives instant start at normal speed and smooth operation throughout recording and playback. Super-coated for superior signal-to-noise ratio. Excellent response, uniform output. Moisture and heat resistant. Made of finest polyester base; strong, resilient, free from


Save when you buy 6 or more reels of this all-purpose tape. Extra-strong polyester or acetate. Special oxide formula helps to assure full-fidelity recording. Lubrication on tape reduces wear of recorder heads. High tensile strength.

| Stock No. | Reel | Feet | Bas* | We. Lbe. | Aog. | $\begin{aligned} & \overline{6-U_{P}} \\ & E A C H \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1558275 | . $31 / 4{ }^{*}$ | 375 | 1-mil Acetate | 3 | + 69 | . 59 |
| 1558276 | 5 | 900 | 1-mil Acetate | 4 | . 84 | . 76 |
| 1558277 | 7 | 1200 | 11/2-mil Acetate | $11 / 2$ | . 99 | . 89 |
| 1558278 | $7{ }^{7}$ | 1800 | 1-mil Acetate | 11/2 | 1.59 | 1.43 |
| 1558279 | $7 *$ | 2400 | $1 / 2$-mil Polyenter | + | 2.99 | 2.69 |

## Save $\mathbf{2 5 \%}$ when you buy 10 or more Allied full-frequency Tape Cassettes

 . . stock up at amazingly low prices!$$
\begin{array}{cl}
\text { Low } 7 \& & \text { - Special low-friction design } \\
\text { as }
\end{array}
$$

microscopic defects. Self-mailing boxes.
Type C-30 Cassette. Records up to 30 minutes. Wt., $1 / 41 \mathrm{~b}$. 15S 8000. 1-9....... Each 98 \& $10-U_{p} . . . . . . .$. Each 74 . Type C-60 Cassette. Records up to 60 minutes. Wt., $1 / 2 \mathrm{lb}$. 15 S $8001.1-9 \ldots .$. . Each 1.79 10-Up............Each 1.34 Type C-90 Cossette. Records up to 90 minutes. $3 / 4 \mathrm{lb}$. 15 S 8002. 1-9.......Each 2.69 10-Up............Each 2.02 Type C-120 Cassette. Records up to 120 minutes. 1 lb .

[^4]
# A complete Tape selection for every recording need 

## Allied ${ }^{\text {² }} 8$-track blank Recording Tape Cartridges

## Cut 15\% ${ }^{\text {Low }}$ as 109

For trouble-free, low-cost recording stock up on these fine-quality blank tape cartridges now at a big $15 \%$ price cut! Extra-strength, durable polyester base assures long tape life. Uniform oxide coating provides wide-response, high signal-to-noise ratio and outstanding recording results. Lubricated to reduce wear on tape recorder heads. For 8-track cartridge recorders. Shpg. wt., 3 oz.

| Stock <br> No. | Playing <br> Time | EACH |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 15 58644 | 64 minutes | 1.5 | $6-11$ |
| 1558645 | 32 minutes | 1.43 | 1.52 | 1.26 |

## BASF 8-track blank Recording Tape Cartridges <br> Low as

Top-quality blank tape cartridge for 8 -track cartridge recorders. Provides the highest degree of fidelity and frequency response for full-range sound at lowest cost. Widely used by experts for transcribing stereo discs and pre-recorded tapes. Resists temperature extremes. Deeply lubricated to preserve tape life. Shpg. wt., 3 o\%.

| Stock <br> No. | Playing <br> Time | EACH |  |
| :---: | :---: | :---: | :---: |
| $15 \$ 8844$ | 32 minutes | $1-10$ | 1.79 |
| 1558845 | 64 minute | $11-U_{p}$ |  |
| $15 S 8846$ | 84 minutes | 2.29 | 1.49 |

## 3M "Highlander" Tape Cassettes for greater recording economy

## Low <br> ds <br> 39



Efficient, non-jamming cassette design and 3M's quality tape give you trouble-free reliability and professional results, plus economy to let you record more for less. Type HC-30 Cassette. Recording time up to 30 minutes. 15 S 8679 . Shpg. wt., $1 / 2 \mathrm{lb}$.
Type HC-60 Cassette. Recording time up to 60 minutes. 15 S 8690 . Shpg. wt., $3 / 4$ lb.
Type HC-90 Cassette. Recording time up to 90 minutes. 15 \$ 8681 . Shpg. wt., 1 lb..

## Scotch "Dynarange" reel-to-reel Tape

The standard of excellence for professional recordists. So sensitive it lets you use slower speeds without fidelity loss. Gives you $15 \%$ longer life, low noise, good hi-frequency response, low rub-off. Superior signal-to-noise ratio. Ideal for transcribing your record sollection and pre-recorded tapes. Guaranteed splice-free. Polyester except tacetate. Average wt., 1 lb .

| Stoek No. | Type | Base | Feet | Red | 1-11, EA. | 12-UP, EA. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1558535 | 201-6 | 11/2-milt | 600 | 5 | 1.95 | 1.75 |
| 1558504 | 201-12 | 11/2-mil $\dagger$ | 1200 | $7{ }^{\prime \prime}$ | 2.99 | 2.69 |
| 1558536 | 202-6 | 11/2-mil | 600 | $5{ }^{\text {¹ }}$ | 1.99 | 1.79 |
| 1558537 | 202-12 | 11/2-mil | 1200 | $7{ }^{\circ}$ | 3.40 | 3.06 |
| 1558538 | 203.9 | $1-\mathrm{mll}$ | 900 | $5{ }^{\prime \prime}$ | 2.83 | 2.55 |
| 1558505 | 203-18 | 1-mil | 1800 | 7 | 4.90 | 4.41 |

## BASF extra-strength deluxe Recording Tape

## Cut 10\% <br> Lowest Price Ever!

## BASF Cassettes in mailer box

Standard cassettes with new lownoise high-quality tape. Full response, high signal-noise ratio. In plastic library / mailer box.

| Stock <br> No. | Type <br> No. | Time | Wt., <br> Oz. | EACH |
| :---: | :---: | :---: | :---: | :---: |
|  | EACH |  |  |  |
| $15 \$ 8841$ | C-60 | 60 minutes | 4 | 1.99 |
| 1558842 | C-90 | 90 minutes | 4 | 3.29 |
| 1558843 | C-190 | 120 minutes | 5 | 3.75 |



Packed in Plastic Library Box Has Inner Box and Index
Luvitherm unplasticized polyvinyl chloride film or polyester base. Prestressed for exceptional strength and dimensional stability: These fine tapes are unaffected by humidity and temperature variations, and are extremely supple for superior tape-to-head compliance. Excellent frequency response. Mirror finish-no drop outs, no rub off. No print through. Automatic stop switch foil. Colored leader tape on each end. Packaged in plastic library storage container. Imported.

11/2-mil Luvitherm Tape (Standard Play)

| Stock No. | Feet | Aeot | Shpg. Wt., | EACH |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 1-10 | 11-Up |
| 1558816 | 600 | 5 | 10 oz . | 1.79 |  |
| 1558817 | 1200 | $7 \times$ | 1 lb . | 2.69 | 2.39 |

1-mil Luvitherm Tape (Long Play)

| $\begin{array}{r}1559818 \\ 1558819 \\ \hline\end{array}$ | $\begin{array}{r} 900 \\ 1800 \\ \hline \end{array}$ | ${ }^{5 \prime}$ |  | 2.39 3.89 | 2.09 3.49 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 3/a-mil Luvitherm Tape (Double Play) |  |  |  |  |  |
| 1558820 | 300 | $3^{\circ}$ | 30 | 1.29 | 1.19 |
| $15 \$ 8821$ | 1200 | $5 *$ | 10 oz. | 3.49 | 3.09 |
| 1558822 | 2400 | $7{ }^{\circ}$ | 18 oz . | 5.59 | 4.99 |
| 1-mil Polyester Tape (Long Play) |  |  |  |  |  |
| 1558823 | 1800 | $7{ }^{\circ}$ | 1 lb . | 4.79 | 4.29 |
| 1/2-mil Polyester Tape (Triple Play) |  |  |  |  |  |
| 1558824 1558840 | $\begin{aligned} & 1800 \\ & 3600 \\ & \hline \end{aligned}$ | ${ }_{7}{ }^{\circ}$ | 10 oz. | $\begin{aligned} & 5.49 \\ & 8.49 \\ & \hline \end{aligned}$ | $\begin{aligned} & 4.89 \\ & 7.49 \\ & \hline \end{aligned}$ |

## Aiwa Cassette and Reel-to-Reel Recorders



## Battery/AC stereo Cassette Recorder

Model TP-1004. Was 399.95. Big savings on a solid state model great for on-the-go or at-home recording. Designed for durability, handsome appearance and fine performance, it will provide you with excellent entertainment for years to cone. Fasy-to-load snap-in cassettes and battery/AC convenience make stereo recording a snap anywhere! Boasts pushbutton controls, level and tone controls for each channel, two record-level meters. Two $3 \times 5^{\prime \prime}$ oval speakers in matching enclosures separate for best steren effect. Has inputs for mikes, radio/phono/TV. Accessory storage compartment for added convenience. $12^{3}{ }_{4} \times 13 \times 31 / 2^{\prime \prime}$. With two mikes (one remotecontrol). 60-minute cassette. two earphones. batteries. AC cord.
15S7162 U. Japan. Shpg. wt.. 9 ths.
79.95

## Battery/AC stereo Tape Recorder

Modet TP-1012. Was $\$ 1$ 49.95. An excellent value at its original price, an even greater value now! Records and plays full-range 4 -track stereo or mono tapes anywhere-home or away. Careful engineering and advanced solid-state design assure you of outstanding periormance. Features two built-in speakers, level meters. digital counter, pause control. Five watts peak power output. $71 / 2,33 / 4,17 / 8$ ips. Frequency response, $50-16,000 \mathrm{~Hz}$ at 712 ips . Has inputs for mikes, radio/phono/TV. Outputs for external speakers, stereo headphones. $7^{\circ \prime}$ reel capacity. Storage compartment for two mikes, AC line cord. $131^{1} \times 12^{3} 8 \times 7^{1 / 4}{ }^{n}$. With two mikes. $5^{\prime \prime}$ reel of tape, takeup reel, 8 " $D$ " batteries. AC line cord. 15 S 7151 U. Japan. Shpg. wt., 17 lbs..
139.95


Model TP-719. Was 119.95 . Operates in car, home. outdoors. Two-track mono; $17 / 8,3 \frac{8}{4}, 7 \frac{1}{2}$ ips. Pushbutton fast-forward. rewind, playback. Level meter, digital counter, $5^{\prime \prime}$ speaker. Input for recording from radio/TV. With remote-control start/stop mike, $7^{7 \prime}$ takeup reel, 4 batteries, 12 V adapter. Attache-style case, $35 / 8 \times 161 / 2 \times 13^{\prime \prime}$.
$15 S 7271$ U. Japan. Shpg. wt., 17 lbs.
99.95

Model TP-741. Weighs only $31 / 2$ lbs. ; size only $5^{1} / 2 \times 10 \times 21 / 2$." Lever controls for forward, record, stop, fast-forward, rewind. Records 1 hour using standard C- 60 rassette. 500 mW output. Jacks for mike, remote control, aux., speaker. Built-in 212 " spenker. With 4 "C" batteries, mike. mike bag, earphone, tape cassette. AC cord.
i5 S 7402 X. From Japan. Shpg. wt.. 5 ths.

## (A) Stereo Cassette Recorder FM-AM Radio <br> Model TPR-2001. Plays 4 -track. $17 / 8$ ips. Radio tunes AM, FM, stereo FM. Fast-forward and rewind, level meter, stereo indicator. Two fullrange speakers separate for stereo. Maximum power, 40 watts. Phono/Radio, $15^{3} / 4 \times 11^{3} \times 43 / 8^{4}$. Speakers, $81 / 0 x 98 / 4 \times 8^{\circ}$. AC. Japah. <br> 15 S 7404 S. Shpg. wt., 21 lbs.. <br> 229.95 <br> 15 S 7407 S. Above, less speakers. 16 lbs.... 199.95

## B] Mono Cassette Recorder/FM-AM Radio

Model TPR-114. Plays dual-track, 1 /8 ips. Monophonic radio tunes standard AM and FM. Operates on batteries or AC for portable or home use. Built-in $212^{*}$ speaker. $500 \mathrm{n} \mathrm{n}^{\mathrm{W}}$ output. With mike, earphone, batteries, AC cord, mike bag, 60 -minute tape cassette. Japan.
15 S 7409 X. Shpg. wt., 7 lbs.
69.95

## Big values in Concord Tape Equipment

## Reversing stereo Deck with outomatic shutoff

Model 776D. Exciting low closeout price makes this deck an amazing value! Has every feature needed for superb performance. Records or plays 4-track stereo or mono through your stereo system. Plays to end of reel, reverses automatically, shuts off at other end of reel. $33 / 4$ and $71 / 2$ ips speeds. Digital counter, level meters, tape lifters for protection of heads and tape. Stereo headphone jack. $13 \times 20 \times 13^{\prime \prime}$. Inputs: 2 mike, aux. with mixing facilities. $7^{\circ}$ reel. AC. Japan. 15 S 7092 U. Shpg. wt., 40 lbs..... . 159.50

## Battery/AC Cassette Recorder with built-in FM-AM Radio

Model F-103 "Radiocorder." Was \$99.60. Big savings-top performance! Take it with you on outings; use it at home on house current. Full-feature monophonic recorder/radio. Plays up to two hours on standard tape cassettes. Records directly from radio, or live with mike. Record-level/battery-condition meter. AFC for drift-free FM. Tone control. Operates on 5 "D" batteries (order below) or AC. 12x $9 \times 111 / 2^{\prime \prime}$. With start-stop mike. Japan. 15 S 7536 X. Shpg. wt., $51 / 2$ lbs..... 89.50 18 S 5079. "D" Batteries. 10 oz. Pkg. $4 / 65 \phi$


## 19950

(A) Portable stereo Cassette Recorder/FM-AM Radio

Model F-600. Records from built-in stereo FM radio, phono, or mikes. Acoustically matohed speaker systems for optimum stereo sound. Output 35 watts. Carrying handle. Vinyl-covered wood cases. Radio/Recorder. 9x $181 / 4 \times 121 / 2^{\prime \prime}$. Speakers, $121 / 2 \times 9 \times 41 / 2^{\prime \prime}$. Mike, cords. AC. 15 S 7035 U. Japan. Shpg. wt., 32 lbs..
199.50

## (8) Stereo Cassefte Deck with dual bias

Model F-106. Sophisticated deck offers automatic shutoff, end-of-reel indicator, VU meters, separate channel level controls, counter. Pushbutton operation, headphone monitoring, pause control, remote start/stop mike. Patch cords. $10 \% / 2 \times 101 / 4 \times 31 / 3^{\prime \prime}$. AC.
15 S 7037 U. From Japan. Shpg. wt., 7 lbs.......... 119.50

## [C] Portable battery/AC Cassette Recorder

Model F-51. Offers single-lever-control precision tapedrive mechanism, built-in speaker, monitor provision, cassette pop-up lever. Also servo drive-motor, auto record control, convenient carrying handle. With start/ stop mike, tape cassette, mike case. $8 \frac{1}{2} \times 101 / 2 \times 3^{\prime \prime}$. Batteries or AC.
15 S 7039 X. From Japan. Shpg. wt., 6 lbs.


Stere Ta

Deck with

Bonus Mikes


Model MK III. Separately, s\%73.25. Features nonmagnetizing heads, hysteresis-synchronous motor, tape/ source monitor, tape lifters, pause, level meters, counter, shutoff. $71 / 2,33 / 4,17 / 8$ ips. $20-27,000 \mathrm{~Hz}$ at $71 / 2$ ips. With dust cover, $\&$ Allied 4525 mikes with case. AC. 15 S 0196 L2U. Japan. Shpg. wt., 24 lbs........... 249.50 15 S 0219 L2U. MK IV Reversing Deck. Sep., \$333.25. Above, with automatic reverse. Mike Bonus, 42 lbs..... 309.50


Crown CRC-9100F. Battery-operated solid-state recorder tapes directly from built-in radio or mike and plavs up to 90 minutes on one cassette. Has telescoping radio antenna, pushbutton recording controls. Volume and tone controls; jacks for car cord; AC adapter. $21 / 2 \times 97 / 6 x$ $81 / 2^{*}$. Mike, batteries, earphone, 60 -minute cassette. 15 \$ 7549 X. From Japan. Shpg. wt., 6 lbs......... 58.88

## Sleek executive-look Cassette Recorder operates anywhere on 4 " $C$ " batteries or AC <br> $39^{00}$ <br> Instant cassette loading and removal for easy operation

Crown CTR-8750. Lowest price ever for this sophisticated recorder! It's a handy little companion you'll want with you always. Gives surprising performance for its size and cost. Has easy-to-use pushbutton controls; record-level/ battery-condition meter. Tone control and $2 \times 4^{\prime \prime}$ oval speaker for good sound. Tape cassettes load or remove instantly. $100-10,000 \mathrm{~Hz}$ response. With start/stop mike, batteries, AC cord. $21 / 2 \times 75 / 8 \times 7^{11} / 16^{6}$. 15 S 7525 X. Froni Japan. Shpg. wt., 6 lbs.
39.00

## Stereo Cassette Recorder/FM-AM Radio Cut ${ }^{\text {s }} 10$ More $149^{95}$

Crown SHC-44B. Last sale price, s159.95. Exciting low sale price on this 4-piece battery/AC music center! Offers piano-type controls, monitor and stereo phono input. Radio has stereo light, tone controls, local/distance switch. $100-10,000 \mathrm{~Hz}$. Walnut-grain finish. Radio, $31 / 4 \times 41 / 4 \times 9^{\prime \prime}$. Recorder, $31 / 2 \times 13 \frac{1}{4} \times 9^{\prime \prime}$. Speakers, $83 / 4 \times 13 \times 4^{1 / 4 "}$. With 2 mikes. Order batteries below
$15 \$ 7513$ U. From Japan. Shpg. wt., 8 Ibs.
149.95

18 S 5779. "D" Batteries, U'ses 6. Wt., $10 \mathrm{oz}$.
Pkg. 2/33申


## Dictating/transcribing Cassette Recorder

Crown CDM-10. Foot pedal starto and stops tape, even backspaces the previous 7 seconds. Records and plays up to 2 hours. Capstan drive, counter. $31 / 8 \times 48 / 4$ speaker, pop-up cassette ejector, pushbutton recording controls. Record-level indicator, tone control. $51 / 8 \times 11 \times 11^{\prime}$. With remote mike, steno earphone. AC.
15 S 7416 X. From Japan. Shpg. wt., 20 Ibs. . . . 225.00


## Automatic Telephone Valet

Crown CTA-4100. Buy now at this low price and enjoy an automatic telephone answerer in your own home or business. Gives each caller your pre-recorded message of up to 30 seconds. Built-in mike for changing messages. No rewiring, hooks up easily. Wood-grain steel case, $33 / 4 \times 81 / 2 \mathrm{x}$ $101 / 2^{\prime \prime}$ AC. From Japan.
15 S 7527 U. Shpg. wt., 7 lbs.........

Crown CTA-4400. Gives caller your pre-recorded message of up to 30 seconds. Hecords caller's message for playback later. Built-in mike for changing messages. Built-in cassette recorder is usable separately. No rewiring, hooks up
 loop tape, cassette. Japan.
15 S 7541 U. Shpg. wt., 9 lbs.
199.95

# Big values in solid-state Recorders and Decks 

## Stereo Tape Dedk with single "V" control for easy, positive-action operation

 professional quality make this deck an amazing value! Plays through any music system. Its compact size, smart styling, aud walnut-finished wood base let you place it anywhere, not hidden away in a cabinet, but proudly by your favorite chair or sofa., Plays and records at $17 / 8,3 \frac{3}{4}$, $71 / 2$ ips speeds. Single " $V$ "' control makes operation easy and taping goof-proof for both amateur and veteran. Has concealed recording controls, dual level meters, end-of-tape cutoff switch. Also digital counter, stereo headphone jack. Built-in sound-on-sound. Response, $30-15,000 \mathrm{~Hz}$ at $71 / 2$ ips. $151 / 4 \times 7 \times 13^{\prime \prime}$. With $7^{\prime \prime}$ takeup reel, patch cords, case. AC. 15 S 7485 X. From Japan. Shpg. wt., 18 lhs............ 99.95
## Battery/AC portable/home Cassette Recorder

## $44^{95}$

"'T" control
for easy
operation


Craig 2603. Cassette version of the populàr " 212 " open-reel recorder. Plays on 4 " $^{C}$ " batteries or AC. Has automatic level control, record interlock. Cassettes snap in or out easily. Start/stop mike, AC cord. $51 / 4 \times 9 \times 23 / 4$. Order batteries below.
$15 \$ 7474$ S. From Japan. Shpg. wt., 4 lbs. ........ 44.95
15 S 0178 L2X. Model 212. Above, but open-reel. $31 / 8 \mathrm{x}$ $77 / 8 \times 9^{1} / 4^{\prime \prime}$. Start/stop raike, $31 / 4^{\prime \prime}$ reel of tape, takeup reel, AC adapter. Batteries below. Japan........ 34.95 18 S 5078. "C" Batteries. Wt., 10 oz.... Pkg. of 2 for 33 ¢


Croig 2612. Portable entertainment center great for outings and home use too! Record programs directly from FMAM radio, use radio alone, play pre-recorded cassettes. Features automatic recording level control lor correct recordings every time, built-in $4^{*}$ speaker. Battery condition indicator lets you know when power is low. Pushbutton controls. AFC prevents FM drift;/telescoping FM antenna. $61 / 4 \times 10 \times 27 / 8^{\prime \prime}$. Mike, batteries, AC cord. 15 S 7172 S. From Japan. Shpge wt., $51 / 2$ lbs.



## Battery/AC stereo Cassette Recorder <br> $109^{95}$

Craig 2608. Stereo record/playback system consisting of a compact pushbutton recorder and player and detachable 4" speaker systems. Plays anywhere on internal batteries or house current. Wonderful way to take stereo listening with you. Advanced design solid-state circuit has every feature needed for top performance. Cassettes snap easily in or out. Automatic level control keeps recording level constant. Wood-grained front panels. $121 / 4 \times 61 / 8 \times 81 /{ }^{\prime \prime}$. With batteries.
15 S 7169 S. From Japan. Shpg. wt., 14 Ibs...... 109.95


## Easy-to-operate stereo Cassette Deck

Croig 2704. Offers performance you'd expect only from more costly decks. Its low price and quality make it a great value. Designed for convenience and easy operation it connects readily to any music system-records, plays stereo or mono eassettes. Has convenient keyboard-type pushbutton coutrols; illuminated level meters; magnified instant-reset digital counter. Inputs for two mikes, two aux. Stereo headphone jack. $50-10,000 \mathrm{~Hz}$. Walnut-finish wood cabinet, $33 / 4 \times 14 \frac{1}{4} \times 91 / 2^{\prime \prime}$. AC.
15 S 7252 U. From Japan. Shpg. wt., 13 lbs..
119.95

# Exciting Pre-recorded Stereo Cassette Bonus with the purchase of any of these popular Ampex recorders 



## Get four Cassettes for only $\mathbf{5 9 9 5}$

With each recorder on this page is a certificate that allows you to purchase a package of four top-selling tapes at the low, low price of only $\$ 9.95$. They feature such stars as Tom Jones, Dione Warwick, Mantovani, Aretha Franklin, Roger Williams, plus many others. Great way to start your stereo library.


## Portable Cassette Player/Recorder

 Cut ${ }^{520.00} \quad 179^{00}$"Micro 88." Was s199.00. Big savings! Records and plays up to 2 hours on standard cassettes. 20 watts peak power. Slide-on speaker systems separate up to 20 feet for superb stereo. Pushbutton operation, record safety-lock, cassette eject. Also level meter, mike/line inputs, outputs for preamp, externul speakers. Lugqage-style case, walnut handle, $16 x$ $73 / 4 \times 14^{5} / 16^{\prime \prime}$. With mikes. AC. 15 S 7268 U. Shpg. wt., 21 Ibs.
179.00


Professional Stereo Cassette Deck
Stereo mixing with individual level controls -mike and line inputs for each channel
Micro 52. Offers pushbutton controls, "pop-in" cas sette loading, recording indicator light, digital counter, two level meters. Automatic level control assures virtually distortion-free recordings-switches out for full dynamic range. $40-12,000 \mathrm{~Hz} \cdot 101 / 4 \mathrm{x}$ $161 / 4 \times 53 / 4$ ". With 2 mikes, demo tape. AC. 15 S 7540 U. Japan. Shpg. wt., 15 lbs.
149.95 15 S 7270 U. Micro 87R. Above, but Siereo Recorder/ Siereo FM-AM Tuner. Shpg. wt., 36 lbs....... 269.95 15 S 7538 U. Micro 87. Above, less tuner. 34 lbs. 219.95


Cassette Recorder with FM-AM Radio
Built-in charger recharges nickel-cadmium batteries while recorder is playing on AC

Micro 32. Plays on batteries or AC. Offers jushbutton operation, digital counter, level/battery meter, big $5^{\prime \prime}$ speaker. Switchable autoinatic level control. Switch eliminates radio interference during recording. 2 watts peak music power. With start/stop mike, carrying case, 5 "D" batteries, earphone, C-60 cassette. Extra "D" batteries below. $3 \times 7 \times 12$ ". Japan.
$15 \$ 7524 X$. Shpg. wt. 8 lbs...........
129.95

18 S 5862. Extra Batteries. Wt. 802.
99.95

Pkg. $2 / 39 \phi$


## Portable monophonic Cassette Recorder

Micro 9. Built for travel. Plays or records up to 2 hours on a single cassette; plays all pre-recorded cassettes. Pop-open door for easy cassette loading. Pushbutton controls for record, rewind, fast-forward, play, stop/eject-separate fingertip volumecontrol for playback. Automatic level control. Transistor-regulated motor; capstan drive. 29 保 $x 6 x$ $97 / 8^{\circ}$. With remote-control mike. earphone, AC cord, leatherette case, C-30 cassette. Japan. 15 S 7241 S. Shpg. wt., $5_{2}^{1} 2 \mathrm{lbs}$.

# Panasonic Tape Equipment at top-value prices 

## Stereo Cassette Recorder/FM-AM Radio <br> FET tuner brings in stations clearly, easily, superbly <br> $229^{95}$

Model RS-280S "La Jolla." Professional-quality stereo recorder with easy one-step slide-in cassette loading. Offers precision capstan drive, sound monitor, fast-forward and rewind. Also VU meters, digital counter. Sensitive radio has "black-out" illuminated slide-rule dial, AFC for drift-free FM, stereo light. 20 watts of music power. Two full-range $6^{\prime \prime}$ speaker systems, stereo headphone jack. Recorder/Radio, $191 / 4 \times 11 / 2 \times 51 /{ }^{\prime \prime}$. Speakers, $10 \times 12 \times 51 / 2^{\circ}$. With two mikes and stands, cords. C-30 cassette. AC. Japan. 1557237 U . Shpg. wt., 39 lhs.
229.95

## 3-piece Stereo 8 -rrack Cartridge Player <br> Two separating speaker systems for finest stereo $129^{95}$

Model RS-810S. Plays all 8-track cartridges, brilliantly re-creating the original stereo sound through acousti-cally-matched speaker systems. Offers automatic continuous play, pushbutton track selector, balance and tone controls, mode selector. 16 -watt-peak stereo amplifier, tape speed $33 / 4 \mathrm{ips}$, response $50-12,000 \mathrm{~Hz}$. Advanced solid-state circuit. Has phono and auxiliary inputs. Headphone jack. Handsome walnut cabinet, $4 x$ $16^{1 / 2} \times 9^{\prime \prime}$. AC. From Japan. 15 S7142 U. Shpg. wt., 21 Ibs.
129.95

## Stereo Cassette

 Recorder/FM-AM RadioPlays on botteries
or standard AC

## $149^{95}$



Model RF-7490 "Westdale." Portable fold-together twincase lets you separate 6 " speaker systems for finest stereo. Pop-up cassette loading, tuning/recording/battery meter. Separate FM. AM tuning dials, AFC for drift-free FM. Also plays through your music system. $131 / 2 \times 11 \times 413 / 6{ }^{*}$. With mike, earphone, pre-recorded cassette, batteries. 15 S 7238 U. From Japan. Shpg. wt., 28 lbs.
149.95


# Stereo Cassette Deck in smart wood case 

Records and plays stereo and mono

## $89^{95}$

Model RS-256US. Handsome, top-performing deck ideul for use with any stereo system. Offers pushbutton controls, level meters, easy cassette loading. Has automatic stop on playback. Frequency response $30-12,000 \mathrm{~Hz}$. Inputs for two microphones and two auxiliary. Stereo headphone jack. Walnut veneer case, $107 / 8 \times 3^{3} / 4 \times 10^{\circ}$. AC. 15 S 7154 X . From Japan. Shpg. wt., 10 lbs.

Battery/AC Cassette Recorder/ FM-AM Radio


Model RQ-209S. Boasts pushbutton controls, fast-forward and rewind, automatic level control, built-in speaker. Response $80-8000 \mathrm{~Hz}$. Mike and aux. inputs. Monitor output. With remote start/stop mike, pre-recorded cassette, earphone. batteries. Size, $2^{3} \times 5^{1 / 2} \times 10^{1} 4^{4}$ 15 S 7225 X . From Japan. Shpg. wt., 3 lbs.

Model RQ-232. Records monophonically with mike or direct fronı radio. Easy pop-up cassette changing, automatic level control, tone control. Slide-rule dial with thumbwheel tuning, switchable AFC. $70-10,000 \mathrm{~Hz}, 3 \times 91 / 2 \times 11^{\prime \prime}$. With remote start/stop mike, earphone, batteries. 1557227 X. From Japan. Shpg. wt., 6 lhs..
79.95

## Famous Roberts Tape Decks and Recorders



## All-silicon solid-state Stereo Tape Deck 3-head design for monitoring and sound-on-sound $\underset{\text { VPLLUL }}{\text { VPEL }} 19^{95}$

Model 450. All-silicon-transistor deck boasts professional threehead design to permit direct tape monitoring and recording sound-on-sound. Records and plays 4 -track stereo or mono through your system or console. Dynamically-balanced, splitcapacitor motor for precise $71 / 2,33 / 4,17 / 8$ ips speeds. Kecord level meters, stereo headphone jack, instant stop, automatic shutoff. $15-15,000 \mathrm{~Hz}$ at $7 / \mathrm{ips}$; Flutter/Wow, $0.2 \%$. Wood case. $117 / 8 \times 158 / 4 \times 51 / 9^{\prime \prime} .110 / 120 \mathrm{VAC}$, $50-60 \mathrm{~Hz}$. Japan. 15 S 7032 U. Shpg. wt., $26 \mathrm{lbs} .$.
149.95


4 Deluxe Stereo Deck with automatic reverse
Model $650 \times D$. Records and plays t-track stered or mono through your system without reel turnover. Cross field system records an extra octave in the high frequency spectrum. $71 / 2,33 / 4$ or $17 / 8$ ips. Hysteresis-synchronous motor. Continuous reverse or automatic stop. Response at $7 / 1 / 2$ ips: $30-22,000 \mathrm{~Hz}$. Wood case. $14 \times 14 \times 9^{\prime}$. AC. Japan.
15 S 7602 U. Shpg. wt., 37 lbs.
399.95 15 S 7603 U. Model 800 X Tape Recorder. Similar to above tape deck. but has built-in $4 \times 6^{n}$ spenkers. Size, $183 / 4 \times 13 \frac{3}{4} \times$ $91 / 2^{*}$. Shpg. wt:, 48 lbs .
499.95

## 回 Stereo cartridge/reel-to-reel Recorder

Model 1725-8t III. Records and plays 4-track reel-to-reel plus 8-track cartridges. Has dual recording level meters, lighted read-out indicator and pushbutton track selection for cartridges. Built-in tape cleaner, two $4^{\prime \prime}$ speakers, index counter. Speeds: $33 / 4,71 / 2$ ins. $50-15,000 \mathrm{~Hz}$ at $71 / 2$ ips. Inputs: Mikes, phono/radio. Metal case. $15 \times 131 / 2^{2} 912^{\prime \prime}$. With mikes, blank cartridge. AC. Japan.
15 S 7604 U. Shpg. wt., 34 Ibs.
299.95

## © Stereo Tape Recorder with Cross Field head

Model 771 X . Offers features and quality that rival costlier units. Cross Field head design records an extra octave in the high frequency spectrum. Switch allows correct equalization for $178,3 \frac{3}{4}$ or $71 / 2 \mathrm{ips}$. Has hysteresis-synchronous motor, automatic tape cleaner, muting and sound-on-sound switches. Two 4* speakers. 4-digit counter and dual VU meters. Automatic shutoff. At $71 / 2$ ips: $30-22.000 \mathrm{~Hz}$; Flutter Wow, $0-15 \%$. $20 \times 13 \times 91 / 2$. With mikes. AC. Japan.



Record off-the-air
or "live" with mike
(D) Model 530 Cassette Recorder/FMAM Radio. Desk model operates on AC or batteries. Has level/battery meter, fast forward control. With batteries, blank cassette, earphone, mike and telephone pickup. Walnut. 28/4x $121,16 \times 88_{16 " \text {. Japan. }}$
15 S 7606 S. Wt., 6 lbs.
99.95

E Model 525 Portable Cassette Record-er/FM-AM Rodio. Has eject button, built-in speaker, level/buttery meter, fast-forward control. External speaker jack. Battery/AC. With batteries, cassette, mike, cable. $2 \frac{8}{4} \times 121 / 16 \times 83 / 16^{\prime \prime}$. Japan.
15 S 7607 S . Wt.. 6 lhs .
79.95


Allows direct off
the -air recording

# Price slashed on Viking 3-head Tape Deck with sound-on-sound 

Model 433. Was $\$ 874.95$. Order now for big $26 \%$ savings! Record or play superb 4-track stereo or mono through your home system. Three-head design allows monitoring, switch-controlled sound-on-sound and echo. Three motors, illuminated function windows, digital counter. level meters. $71 / 2,33 / 4,17 / 8$ ips. $40-18,000 \mathrm{~Hz}$ at $71 / 2$ ips. Total shutoff at end of tape. Silicon solid-state. Inputs: 2 mike, aux. with

# ciut s10.00 

 mixing facilities. Outputs: pre-amp, stereo headphone. $143 / 8 \times 153 / 4 \times 83 / 4$. With $7^{\prime \prime}$ takeup reel. Less mikes. Case below. AC$15 \$ 7448$ U. Shpg. wt., 30 lbs................. 274.95
$15 \$ 7449$ X. Wood Cose. Shpg. wt., 4 lbs..... 29.50 2799



Model 2060. Revord FM or AM radio or with mike directly on cassettes in realistic mono. Pushbutton operation. Uses 6 "C" bitteries or AC. Bass/treble control; PA systent; input and output jacks; monitor switch; level. battery meter. Solid state, with stop-start omnidirectional mike, mike stand, cassette, AC cord, earphone. batteries. $91 / 2 \times 14 \times 14 \frac{1}{2}$. Japan.
$15 \$ 7125 \times$. Shipg. Wt., 8 lhs.
79.95

Model RD-404. Was 889.95. Hurry for big savings on this versatile model. Records mono from mike or radio. Uses batteries or AC (or 12 VIDC with cord below). Puslibutton controls; automatic level control: tone control ; level /hattery meter. With 4 "C" batteries, mike,

15 S 7118 X . Shpg. wt., $71 / 2 \mathrm{lbs}$.
69.95

15 S 7120. 12 VDC Cor Cord. Shpg, wt., 8 oz......... 5.95

## Nivico compact Casseffe Recorder with built-in AM Radio

## - Record from mike or directly from built-in AM radio

- Battery-powered for convenient on-the-spot recording


#### Abstract

Model 1620. Take this handy model with you to record lectures, concerts, conversations. Or record directly from built-in AM radio. Microphone has coiled cord or fits into unit for convenient no-touch operation. Threeinch round type dynamic speaker gives full rich sound. Automatic level control assures high-quality recording every time. Plays/records in mono full 60 minutes. "Pop-up" design allows easy cassette loading and unloading. With mike, cassette and 4 " C " batteries. $97 / 8 \times 61 / 2 \times 21 / 4$ ". Japan. 15 S $7126 \times$. Shpg. wt., 5 lbs.



\$5 monthly*


## Automatic Stereo Cassette Deck with ALC

Model TC-125. Connects easily to your present stereo system to provide complete cassette record and playback facilities. Records and plays stereo cassettes (compatible with monophonic) up to 120 minutes. Solid-state. Automatic Level Control prevents blasting, assures even volume. Response, $50-10,000 \mathrm{~Hz}$ at $17 / 8$ ips. $33 / 8 \times 13 \times 73 / 8^{\prime \prime}$. C-60 cassette, patch cord. AC. From Japan.
15 S 7588 U. Shpg. wt., $71 / 2$ lbs.
109.50


## Compact battery/AC Stereo Cassette Recorder

Model 124-C5. Battery/AC stereo cassette recorder with built-in speaker plus two detachable wide-range speakers for true separation. Convenient pushbutton operation; Sonymatic recording control. Has record level/battery condition indicator. $50-10,000 \mathrm{~Hz}$. Blank cassette. $2^{11} / 16 x$ $6^{11} 16 \times 9^{25} / 2^{\prime \prime}$. AC. Japan.
15 S 7589 U. Shpg. wt., 12 lbs.
179.50

I5 S 7590 U. Model 124. Above, less speakers. 5 lbs. 149.50


## Portable battery/AC Cassette-Corder

Model TC-110. Sensitive built-in mike can be used alone or with external mike. Easy cassette loading, ejector button. Uses 4 "C" batteries or AC. Convenient pushbutton controls; level /battery meter; tone control; end-oftape alarm. Start-stop mike, set of batteries, leather carrying case, earphone, C-60 60-minute cassette. Size, $51 / 2 \times 23 / 8 \times 9^{3} / 8^{\prime \prime}$ From Japan.
15 S 7066 X. Shpg. wt., 7 lbs.
99.50

## Popular Sony/Superscope Tape Decks, Recorders and Players

## (A) ESP automatic-reversing Stereo Recorder

Model 560. Was \$399.50. Super value! Solid-state recorder plays and records 4 -track stereo or mono in both directions. Features inputs for tuner and phono, built-in 20 -watt stereo amplifier. Two speaker systems in lid separate up to 15 feet for best stereo realism. Servo-control motor, dual capstan drive. Non-magnetizing heads. Scrape, flutter filter. Retracting pinch roller, noise suppressor switch, counter, level meters. $71 / 2,33 / 4 ; 17 / 8 \mathrm{ips} .30-18,000 \mathrm{~Hz}$ at $71 / 2 \mathrm{ips}$. With 2 mikes, $7^{\prime \prime}$ reel. $17^{1 / 2} \times 20^{3} \mathrm{~g} \times 11^{\circ}$. AC. Japan.
15 S 7304 Z. Shpg. wt., 53 lbs.
329.50

## B ESP automatic-reversing Stereo Deck

Model 560D. Was \$299.50. Big savings! This unique unit records und plays 4 -track stereo or mono in both direc-tions-E.S.P. feature reverses tape without any sensing tape or pulses. Dual capstan drive system with Sony "Retractomatic" pinch roller. "Servo-control" motor. Two record level meters, digital tape counter. Automatic sentinel shut-off after tape has made complete reverse cycle. $71 / 2,38 / 4,17 / 8$ ips. Respouse: $30-$ $18,000 \mathrm{~Hz}$ at $71 / 2 \mathrm{ips} .151 / 2 \times 16 \times 61 / 2^{\prime \prime}$. With walnut case. AC. Japan.
15 S 7049 U. Shpg. wt., 29 lbs..................... 249.50

## C Cassette Recorder/FM-AM Radio

Model $8000-\mathrm{W}$. Full-feature battery/AC entertainment center at a low price. Monophonic recorder tapes directly from built-in radio-plays back AM or FM with excellent clarity. Records up to 120 minutes on standard cassette. Has built-in condenser mike, end-of-tape alarm, AFC defeat switch, loudness contour. Pushbutton recording controls. Solid-state circuit, convenient battery/AC operation. Battery recharging circuit. $111 / 8 \times 3 \frac{3}{4} \times 131 / 4$ ". With batteries, earphone, $60-$ minute cassette, vinyl carrying case. Japan.
15 S 7302 S. Shpg. wt., 10 lbs.
139.50

## (D) Full-feature three-head Stereo Deck

Model 630-D. Value-packed deek that records/plays 4 -track stereo and mono at $71 / 3,33 / 4,17 / 8$ ips. Features built-in switching for sound-on-sound and echo effects; non-magnetizing record head; scrape-flutter filter. Tapesource monitor, pause control, pinch rollers. $20-20,000$ Hz at $7 \frac{1}{2}$ ips. In walnut case. $7 \frac{1}{4} \times 16 \times 19^{\prime \prime}$. With dust cover, patch cords. AC. Japan.
15 S 7584 U. Shpg. wt., 26 lbs..
299.50 15S7585 U. Model 630 Recorder. Same as above but with built-in amplifier and 2 speaker systems. $30-22,000$ Hz. 20×177/8×115/8". 46 lbs.
399.50

## E Compact Solid-State Stereo Deck

Model 355. Four-track stereo and mono at $71 / 2,33 / 4$. $17 / 8$ ips. Erase, record, playback head arrangement permits direct tape monitoring, echo, other effects. Scrape flutter filter and non-magnetizing head help eliminate tape modulation and hiss. Level meters, digital counter, automatic tape lifters. Response, $20-$ $22,000 \mathrm{~Hz}$ at $71 / 2$ ips. $153 / 16 \times 71 / 16 \times 14^{\prime \prime}$. With walnut wood case, dust cover. AC. From Japan.
15 S 7567 U. Shpg. wt., 26 lbs.
209.50

15 S 7557. Model 252-D. Deck. Above but with 2 heads: $71 / 2,38 / 4$ ips. $30-18,000 \mathrm{~Hz}$. Wt., 18 lbs.......... 129.50

## ( Stereo Cassette-Corder System

Model 130. A great buy! Complete cassette recording facilities, plus matching high-quality 8iled walnut speakers. Includes full 15 -watt music power solid-state stereo amplifier. Speaker monitor switch; balance, volume, tone controls. Noise suppressor switch. "Easy" matic" automatic recording level for perfect recordings every time. Pause control, digital counter for indexing tapes. Provision for headphone. $50-10,000 \mathrm{~Hz}$ response. $3^{15} / 6 \times 13^{5} / 16 \times 97 / 6^{\circ}$. With mike, blank cassette, patch cord. AC. Japan.
$15 S 7587$ U. Shpg. wt., $91 / 2 \mathrm{lbs}$.
169.50



## Allied four-track Stereo Tape Deck plus Special Bonus of two high-fidelity omnidirectional Microphones

Model TD-1039. Separately, $\mathbf{\Sigma 1 8 4 . 9 5}$. Spectacular value! Allied's own superbly engineered 4-track stereo solid-state tape deck with special bonus-a pair of high-quality dynamic microphones in carrying case. Deck is loaded with important "state-of-the-art" extras to please the more critical recording enthusiast! Features all-silicon circuit for long-life dependability and purest wide-range sound. Retractable pinch rollers for easy tape threading; dual VU meters that permit recording levels to be easily read for achieving perfect stereo balance. Even provides you with convenient automatic shutoff at end of reel and, for special effects, sound on sound!
Automatic tape lifters provide maxinum protection of tape heads during editing and locating selections. Unique linear lever-type controls adjust easily for accurate recording levels. 4-digit tape counter assures precision recording and makes editing a smap. Flutterless precision motor provides accurate $7 \frac{1}{2}, 33 / 4,17 / 8 \mathrm{ips}$ speeds. Boasts full frequency response of $\pm 3 \mathrm{~dB}$, $30-20,000 \mathrm{~Hz}$ at $71 / 2$ ips for brilliant high-fidelity stereo . . flutter and wow that is virtually imperceptible.
Outputs: two line, front panel stereo headphone jack for enjoyment of stereo music in privacy. Inputs provide for 2 mikes, 2 auxiliary. Housed in a handsome waluut-veneer case. $13 \times 193 / 8 \times 7{ }^{1 / 2} 2^{*}$. With $7^{*}$ takeup reel, patch cords. AC. Japan. Plus Bonus: two Allied 3311 dynamic omnidirectional mikes, with an excellent response of $45-15,000 \mathrm{~Hz}$. Impedance, 10,000 ohms. Output, -65 dB . On-off switch. Phone plug, stand, mike holder, swivel mount, desk stand. In attractively-styled velvetine-lined carrying case. From Japan.
15 S 0220 L 2 U . Shpg. wit., 26 lbs.
144.95

15 S 7591 U. Deck Alone. Shpg. wt., 20 ibs.
135.00
(A) Stereo Tape Recorder with full-fidelity Speaker Systems

Model TR-1049. Was s179.95. One of our best values ever in an Allied tape recorder . . take advantage of our price cut and order this versatile recorder now! Use it as a compact all-in-one portable or as a deck with vour present stereo system.

Automatic tape lifters protect tape heads during rewind and fast forward; 3-speed capstan drive assures stable tape travel and even playing tension; linear lever-type controls. 2 accurate level meters, 4 -digit push-to-reset counter for easy tape editing. Retractable pinch rollers end tape threading problems. Also hiss sound-on-sound.
Built-in stereo amplifier features silicon transistor circuit which assures cleaner sound and longer life. It delivers ample power to drive the swing-out wide-range speaker systems that detach to 18 ft . for more life-like stereo realism. When not in use, speakers form recorder cover when case is closed for easy portability.
Boasts frequency response of $\pm 3 \mathrm{~dB}$, $40-18,000 \mathrm{~Hz}$ at $7 \frac{1}{2}$ ips. Inputs for 2 mierophones, 2 auxiliary. Outputs: preamp, extension speakers, stereo headphones. $123 / 4 \times 191 / 2 \times 10^{8} / 4^{n}$. With 2 mikes, patch cords, $7^{\prime \prime}$ take-up reel AC. Japan. Wt., 34 Ihs.
15 S 7592 U.
149.95

## B <br> Ourlatest Tape Deck ..high performance at a low price

Model TD.1095. Was s179.95. Careful design, precision engineering, and a low sale price! Allied blends this beautiful combination of features and quality in a 4 -track solid-state stereo tape deck for you! Offers a full array of extras that assure full-fidelity recording and trouble-free operation
For those who demand recording versatility, separate record, play, and erase heads permit direct tape moniitoring, sound-on-sound and echo effects; also records sound-with-sound. Single-knob function control with instant pause. Slide-type controls adjust easily for accurate recording levels: illuminated level meters.
Four-pole motor assures accurate $71 / 2$, $33 / 4$ and $17 / 8$ ips speeds. Automatic tape lifters protect heads during rewind and fast-forward. Convenient automatic tape shutoff. Push-to-reset 4-digit tape counter for quick and easy editing. Tape monitor switch lets you hear recording source.
Frequency response of $\pm 3 \mathrm{~dB}, 30$ $22,000 \mathrm{~Hz}$ at $71 / 2 \mathrm{ips}$. Flutter and wow, less than $0.1 \%$ at $71 / 2$ ips. Inputs for 2 microphones and 2 auxiliary. Outputs; line and stereo headphone. Has a full $7^{*}$ reel capacity. Smart-looking walnut-grain vinyl wood case. $12 \frac{3}{4} \mathrm{x}$ $16 \times 65 / 8^{\prime \prime}$. AC. Japan. Shpg. wt., 25 lbs. 15 S 7574 U .
149.95

Buy now and enjoy tremendous savings on Allied 4-track solidstate Stereo Tape Recorder and Deck with most-wantedfeatures


4-track 3-speed
Stereo Recorder
Cut $\$ 30.00$ 14995
(B)

Full-feature 3-head Stereo Tape Deck

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\text { Cut } \\
\frac{\$ 30.00}{149^{95}}
\end{gathered}
$$




## Price Slashed!

## Allied ${ }^{\text {8 }}$ portable Cassette Tape Recorder with snap-on AC adapter <br> Cut \$5.00 3495

- Space-saving cassettes snap in or out easily
- Easy-to-use keyboard-type controls
- Solid-state circuit assures lasting reliability

Model 1100 . Was $\$ 39.95$. Priced to please everyone, this recorder is perfect for taping parties, conferences, dictation or lectures. Compact, streamlined styling and battery/AC operation make it great for any kind of on-the-go recording. Records and plays up to two hours of clear, distinct 2-track mono on standard tape cassettes. Space-age design lets, you "jettison" the AC adapter when using 5 "C" batteries . . at home, the unique AC adapter snaps on to become part of the recorder. Adapter has cord storage compartment.
Features keyboard-type controls with fast forward and rewind. Thumbwheel volume control. Record interlock prevents accidental erasure of tapes. Has record level/battery condition meter, $31 / 2^{\prime \prime}$ speaker, extension speaker jack. Size, $12 \times 5 \times 21 / 2^{\prime \prime}$ with adapter ( $8 \times 5 \times 21 / 2^{*}$ less adapter). With batteries, AC adapter, remote start-stop dynamic mike, 60 -minute C - 60 cassette, earphone and vinyl carrying case. Order extra " C " batteries below. Japan. 15S7138 X. Shpg. wt., 5.lbs.
34.95

## Special Value!

## Our finest! Allied full-feature battery/AC Cassette Tape Recorder

## Priced low! 5995

- Automatic level control for Rlawless recordings
- $11 / 4$-watt audio power and wide response
- Pause control - Tape Monitor Button

Model 1150. Here's a take-along recorder with every wanted feature at a low Allied price. The perfect portable for students, executives or salesmen who want professional-quality recordings every time. Great for home use, too. Solid-state circuit runs on 6 " C " batteries or AC. Records and plays up to two hours of 2 -track mono on standard cassettes. Delivers $11 / 4$-watt audio power with response of $200-11,000 \mathrm{~Hz}$. Switchable automatic level control for always-perfect voice recordings.
Push-pull audio output circuit cuts distortion. Features keyboard-type pushbuttons for stop-open, rewind, fast forward, play, pause. Has tone control, monitor switch, record level/battery condition meter and radio/TV/phono input. $93 / 8 \times 6 \times 25 / 8^{\prime \prime}$. With remote control start-stop dynamic mike, earphone, patch cord for taping direct from radio/TV/phono. 60 -minute C-60 cassette, leatherette case and shoulder strap. Order batteries below. Japan.
15 S 7116 X . Shpg. wt., 5 lbs..
59.95

18S5078. "C" Batteries. 10 oz .
Pkg. 2/33F

## © Allied ${ }^{(8)}$ deluxe Automatic-reversing solid-state Stereo Tape Recorder

Model TR-1080. W'as \&299.95. Tremendous moneysaving offer! Allied's finest silicon solid-state stereo recorder plays and records in both directions without reel turnover. Can be set for one complete play and shutoff, continuous replay or automatic stop. Records at $71 / 2,33 / 4$ or $17 / 8$ ips. Four heads and switching circuit permit sound-with-sound and sound-on-sound. Preamp outputs allow playback through your home music system. 4-digit counter. Solenoid-operated transport. Speaker on/off switch. Inputs: 2 mike, aux, Outputs: 2 preamp, extension speakers, headphones. Response: $40-19,000 \mathrm{~Hz}$ at $71 / 2 \mathrm{ips}$. Flutter/Wow: $0.15 \%$ at $71 / 2$ ips. Vinylcovered case. $12^{3} / 4 \times 191 / 8 \times 121 / 4^{\prime \prime}$. With $7^{\prime \prime}$ takeup reel, 2 mikes and patch cords. AC. Japan.
1557579 U. Shpg. wt., 45 lbs.
249.95

## B Allied automatic-reversing deluxe solid-state Stereo Tape Deck

Model TD-1070. Was g299.95. Our finest stereo tape deck now cut an extra $\$ 10.00$. Automatic-reverse lets you record and play in both directions without reel turnover. Features solid-state preamps for playback through your stereo system, plus stereo headphone amplifier with level control. Can be set for one complete play and shutoff, continuous replay or automatic stop. Sound-on-sound. Has four tape heads, dual comparison meters, 4 -digit counter. Inputs: 2 mike, 2 aux. Outputs: 2 line, headphones. $71 / 2,38 / 4,17 / 8$ ips. Response: $30-20,000 \mathrm{~Hz}$ at $71 / 2$ ips. Flutter/Wow: less than $0.15 \%$ at $71 / 2$ ips. Walnut veneer case. $125 / 8 \times 19 \times 71 / 2^{\prime \prime}$. With $7^{\prime \prime}$ takeup reel, patch cords. AC. Japan. 15 S 7578 U. Shpg. wt., 35 lbs .
219.95

## © Allied low-priced Stereo Tape Deck for the budget-minded

Model TD-1025. Buy now at this low price! Build an impressive tape library-tape record collections, stereo FM broadcasts off the air, even live performances with mikes. Records and plays 4-track stereo and mono through your home inusic system. Single control knob for fast-forward, pause, play, record, stop, reverse. Has level controls for each channel, 2 level meters, push-to-reset tape counter, automatic tape lifters. Automatic shutoff. Inputs: 2 mike, 2 aux. Outputs: 2 line, stereo headphone jack. Speeds: $71 / 2,38 / 4,17 / 8$ ips. Response: $50-16,000$ Hz at $71 / 2 \mathrm{ips}$. Plastic walnut-finish case. $117 / 8 x$ $137 / 8 \times 7^{\prime \prime}$. With $7^{\prime \prime}$ takeup reel and patch cords. AC. From Japan.

$\$ 11$ monthly*


Special Value $89^{95}$, mis.

## Values in 8-track Stereo Caitriủge Equipment


(A)


(C)

## Lowest Price Every

 14900

Has switch for repeat,
corsinuous play or automatic shutoff

## HEW: $149^{95}$



## (4) Panasonic 8-track Recorder/Stereo FM-AM

RS-820S. Solid-state system records and plays 8 -track stereo cartridges, and offers fine stereo FM. Powerful 32-watt peak power amplifier and two speaker systems deliver wide-range sound. Radio has FET's, stereo eve, "black-out" dial face. Pushbuttons for Tape, FM, AM, Phono, Auxiliary. Recorder has fast forward, erasure guard, level meters, chanfel lights Earbridge. bin folds into unit. Sliding tone and balance controls. Automatic shutoff. $50-12,000 \mathrm{~Hz}$. Player, $63 / 4 \times 20 \frac{1}{8 x}$ $143 / 4^{\prime \prime}$; speakers, $141 / 8 \times 101 / 8 \times 71 / 8^{\prime \prime}$. With mike. Walnut finish. AC. Japan.
15 S 7198 Z. Shpg. wt., 60 lbs.
299.95

## B Viking record/play Deck plus Bonus

Model 811R. Separately, $\$ 187.85$. Order now for special savings! Viking solid-state 8 -track stereo tape cartridge deck in handsome walnut case, plus bonus offer of ten blank tape cartridges for only $\$ 1$ more. Deck records and plays 8 -track cartridges through vour system or console. Has pushbutton or automatic track selection, numerical track indicator. Level meter has switch for reading left or right channel. Recording-level controls; record button and light. Can be set for continuous play or automatic stop. $40-15,000 \mathrm{~Hz}$. Less mikes. $41 / 2 \times 15 \times 11^{\prime \prime}$. AC.
15 S 0214 L2U. Shpg. wit, 27 lbs.
170.95

IS S 7440 U. Tape Deck Alone, Wt., 25 Ibs.
169.95

## C Midland 8-track record/play Deck

Model 12-630. Order now at our lowest price ever! Deluxe solid-state deck records and plays 8-track stereo tape cartridges through your music system or console. Features continuous playback or automatic stop. Constant-speed hysteresis-synchronous motor, VU level meters and controls for always-perfect stereo recording. Channel selector with indicator lights. Inputs for magnetic phono, auxiliary, mikes. Response: $30-12,000 \mathrm{~Hz}$. Good-looking walnut veneer finish. $161 / 2^{x} 6 \times 9^{\prime \prime}$. Less mikes. AC. Japan.
15 S 7197 X. Shpg. wt., $181 / 2$ ths.
149.00

## [回 JVC 8-rrack Deck with repeat play

Model 1250. Handsome 8-track deck lets you record/ play all your favorite sounds on stereo cartridges through your hi-fi system or console. Features special switch for repeat, continuous play or automatic shutoff. Solid-state circuit. Has recording level meters, volume control, pushbutton fast forward, program indicator lights, and cartridge ejector. Jacks for mikes and headphones. Frequency response, $30-12,000 \mathrm{~Hz}$. Cabinet has walnut veneer wood finish. $6 \frac{1}{2} \times 18 \times 14^{\prime \prime}$. Less mikes. AC. From Japan.
15 S 7076 X. Shpg. wt., 14 Ibs.
149.95

## E Raleigh stereo Tape Player System

Model CT8200. Complete tape cartridge player ensemble offers outstanding stereo reproduction of prerecorded 8 -track cartridges. Features automatic channel selector, volume, balance and tone controls. Cartridge-eject button. Compact desigu with walnut finish cabinet and matehing wide-response speakers. Tape speed, $33 / 4$ ips. Response, $60-12,000 \mathrm{~Hz}$. Tape player, $4 \times 111 / 2^{2} 91 / 2^{\prime \prime}$. Speakers, $111 / 2 \times 91 / 2^{\times 1 / 2 "}$. AC. Japan. Limited quantity. 15 S 7427 X . Shpg. wt., 16 lbs.
59.95

## E Sony/Superscope record/play Deck

Model TC-8. Record and play today's stereo sounds on compact 8-track cartridges. Operates through your stereo system or console. Solid-state deck lets you record from TV, radio, phono, or live performances using inikes (not included). Has stereo headphone jack, level meters, visual channel indicator, and automatic shutoff. Frequency response, $40-12,000 \mathrm{~Hz}$. Less mikes. Metal case. $12 \times 81 / 2 \times 41 / 2^{\prime \prime}$. AC. Japan.
15 S 7047 U. Shpg. wt., 11 lbs.
135.00


Player/Radio plus 4 FREE Cartridges
Save S24.56

Toyo 401 8-track Stereo Player/mono FM-AM Radio plus 4 prerecorded Cartridges. Separately, \$144.51. Tape bonus includes Streisand, other artists. Player has automatic switching. With batteries, AC cord, plus bonus. $11 / 4 \times$ $14 \times 7$. Japan.
is S 0217 L5U. Wt., 18 Ibs...... . 119.95 15 S 7171 U. 401 Alone. 17 lbs.. . 119.95


Gemini III. A separate 8 -track stereo Big tape player plus stereo FM-AM radio in a single carrying case. Plays on batteries, AC or DC. With batteries, 12 VDC adapter, $11 \times 141 / 2 \times 5^{\circ}$. is $\$ 7044$ X. Wt., $5 \frac{1}{2}$ lbs....... 169.95 Gemini 1 Stereo Player. Similar to above, but without radio. IS S 7042 X, Wt., $51 / 2$ lbs.
99.95


## Panasonic B-track Tape Dedk

Model RS-802US. This deluxe tape deck plays prerecorded 8-track car-

> Low price $49^{95}$


## 4- and 8-track Car Stereo Tape Player plus Double Bonus


\$5 monthly
see poge 98-A

Ronger RR-42. Separately, 8109.57. Deluxe cartridge player for groovin'-while-movin' music wherever you drive? Thumbwheel volume, tone. balance and fine-tuning controls let you tailor sound to your taste. Solid-state 20 -watt amplifier. Illuminated channel indicator. $50-10,000 \mathrm{~Hz}$.
 5 speakers with grilles and your choice of onc 3-cartridge tape library**. 12 VDC neg, gnd. Japan. 1950228 l2X. Shpg. wt., 18 lbs.
89.95


8-track Car Tape Player/Stereo FM Radio plus Double Bonus

## $129^{95}$

\$7 monthly
see page 98.A

Ranger RR-62. Separately, 8149.57 . Plays 8-track stereo cartridges and delivers top stereo $\mathbf{F M}$ reception! Sliderule FM dial flips back to accept cartridge. Thumbwheel controls. Illuminated channel indicator. 20 -watt solid-state amplifier. Response: tape, $50-10,000 \mathrm{~Hz} ;$ FM, $50-15,000 \mathrm{~Hz}$. $27 / 8 \times 77 / 88^{\circ}$. Mounting bracket, phus Double Bomus: four $5^{*}$ speakers with grilles and your choice of one 3-cartridge tape library*. 12 VDC neg. gud. Japan. 1950229 t2X. Shpg. wt., 18 Jbs.
129.95


## "Mini" 8-track Car Tape Player plus Double Bonus $69^{95}$

$\$ 5$ monthly soe page 98.4

Ranger RR-45T. Separately, 889.57. "Mini" player fits the tightest space, but gives gigantic stereo performances! Plays all 8-track cartridges. Illuminated chamel indicator and selector put you on the right track! Volume, balance. tone and fine-tuning controls. Boasts powerful 20 watt solid-state amplifier. $50-10,000 \mathrm{~Hz} .3 \times 5 \times 678^{\prime \prime}$. Mtg. bracket. plus Double Bomus: four $5^{\prime \prime}$ speakers with grilles and your choice of one 3-cartridge tape library*. 12 VDC neg. gnd. 1950230 L2X. Japan. Shpg. wt., 15 lbs.

## DOUBLE BONUS! Save ${ }^{\text {s }} 19.62$ <br> Get four speakers plus choice of one 3-cartridge 8-track Stereo Tape Librury

Four $5^{\prime \prime}$ speakers plus

your choice of one Tape Library below

POPULAR HITS


Live at Las Vegas, Tom Jones; Lady Soul, Aretha Franklin; Treasury of Great Artists. Various Artists Specity Stock No, 19 S 4762 SG YOUNG SOUNDS


Beatles Again. The Beatles; Freedom Suite Vol. II, The Rascals; Sperily Odessa, BeeGees spacily Stock No. 19 S4763 SG

TEEN FAVORITES


Let It Bleed, Rolling Stones; Waiting lor the Sun, The Doors: Wheels of Fire I \& II, Crearn Specify Stock No. 19 S 4764 SO INSTRUMENTALS


Warm Shade of Jvory, H. Mancini; Academy Award Songs Vol. I, Frank Lovers I \& II, Midnight String Quartet Specify Stock No. 19 S 4765 Se

# Allied ${ }^{\circ} 8$-band deluxe Portable has both police/public service bands 

 Cut ${ }^{1} 15.00$
## 7450

- Operates on batteries and AC
- Dual telescoping antennas
- $6 \times 4^{\prime \prime}$ speaker - Tone switch
- World time map in folding lid

Model 2682. Was \$89.60. Enjoy a new adventure in listening with our best Allied multiband portable. Hear dramatic emergency calls on $30-50 \mathrm{MHz}$ and $147-176 \mathrm{MHz}$ VHF police/public service bands; foreign and Englishlanguage broadcasts on $5-12 \mathrm{MHz}$ and $12-24 \mathrm{MHz}$ shortwave bands; monitors planes and local airports on 107-136 VHF aviation band; boats and ships on $1.7-5 \mathrm{MHz}$ marine band. Also receives standard FM and AM.
Fine-tuning separates stations on crowded shortwave bands. Squelch control silences radio between calls on VHF. Dial light and band indicator lights. Rocker switches for automatic noise limiter, AFC and tone. Tuning/ battery condition meter. Local/distance switch. Telescoping antennas, external SW antenna jack. Leatherette case, rugged die-cast front. $125 / 8 \times 95 / 8 \mathrm{x}$ $4 \frac{1}{2}$ ". With 4 " $D$ " batteries, earphone, SW stations list. Japan. 10 S 4230 U. Shpg. wt., 15 lbs. . . 74.50



[^0]:    15.95

[^1]:    Separately, 85.40 . Top performance at a low system price. You get all this: Knight-Kit Monitor III Receiver Kit, Antenna Specialists MON-8 Roof Antenna, $50^{\prime}$ Coil RG58/U Foam Coax Cable. Ground plane antenna has omnidirectional pick-up pattern. Mounts easily on masts up to $11 / 2^{\circ}$ diameter. Cable has standard PL-259 connectors at each end. With easy-to-follow instructions. 22 S 0134 L3X. Wt., 19 lbs........... 71.50 17 S 6716 X. MON-8 Antenna Alone. Shpg.
     17 \$ 6883. $50^{\prime}$ Coil RG58/U Cable Alone. Shpg. wt., 2 lbs......... . . . . . . . . . . . . 5.50

[^2]:    Model KG-640. Was \$94.88. Buy now and save $\$ 5$ from our last low sale price. Measures AC, DC to 4000 volts, output, current, ohms and dB's. 0.8 VDC range. AC response extends beyond $200 \mathrm{kHz} .41 / 2^{\prime \prime}$ meter with mirrored scale. Metal case, $63 / 4 \times 5 \frac{1}{4} \times 33 / 4$. Wth test leads, batteries, step-by-step assembly instructions. Japan.
    22 S 3954 X. Wt., 5 lbs
    29.88

[^3]:    Separately, 17.50. Value priced! Five of Howard W. Sams 101 Series books in a handsome slipcase. Includes: Uses of Color TV Test Equipment, Uses of Oscilloscope, Uses of Signal Generator, Uses of Sweep Generator, Uses of VOM and VTVM. Interestingly written, easy to understand, wonderful for reference.
    2357620. Shpg. wt., 2 lbs.
    14.95

[^4]:    15S 8003. 1-9.
    Each 3.65 10-Up.
    Each 2.74

