

ALLIED

No. 236

Sale

SUMMER

SALE ENDS SEPT. 15, 1964
INDEX — Opposite Page 32

Bonus Offers • Price Reductions • New Items

Scott 345 60-Watt Stereo Multiplex FM Receiver



Garrard AT-6 4-Speed Automatic Turntable With Walnut Base



**Greatest Value Scott System
We've Ever Offered!**

60-WATT SYSTEM
FEATURING LATEST
SCOTT RECEIVER



Knight 3-Way Speaker Systems

You Save
\$204.00
off regular price
of components

System Sale Price
\$329⁹⁵
\$16 monthly

\$20.00 Less
than nationally advertised
price of Scott 345 alone



Famous
Shure M3D
Stereo
Cartridge

Presenting the greatest Scott system value ever offered. Entire 60-watt stereo music system for \$20.00 less than nationally advertised price of Scott receiver alone. Plug in and enjoy all that stereo records and FM stereo broadcasts have to offer. You get: Scott Model 345 60-Watt Stereo Multiplex FM Receiver; Garrard AT-6 4-Speed Automatic Turntable with Oiled Walnut Base; Shure M3D Stereo Cartridge; and Two Knight 3-Way Speaker Systems in Oiled Walnut. Plus all connecting cables. 345 is Scott's newest receiver—consists of powerful 60-watt stereo amplifier and a sensitive stereo

multiplex FM tuner in one space-saving housing. Has new "Series-Gate," time-switching multiplex circuit for better than 30 db separation; "pulse-suppression limiting" for noise-free FM listening; low-impedance, symmetrical drive assures cooler operation and virtually unmeasurable distortion. AT-6 and Shure M3D provide top record performance. Knight speaker systems measure 12x20x8 1/4"; feature 10" woofer, mid-range propagator, plus 3" tweeter for 35-17,000 cps response. 108 lbs. Shipped express.

21 HF 370-R. \$16 Monthly.....329.95

ALLIED RADIO

100 N. WESTERN AVE. • CHICAGO, ILLINOIS 60680

HAymarket 1-6800

S-T-R-E-T-C-H YOUR HI-FI BUYING DOLLAR

You enjoy far greater buying power when you use your Allied Credit Fund Plan. See opposite page 32 for details

BIG SAVINGS!

Portable Transistor Radios
All With 2 or More Bands!
AT LOWEST PRICES EVER



A "Take-it-With-You" 11-Transistor Radio
6 Bands—FM-AM-Shortwave

Was \$149.95

\$129⁵⁰ \$7 monthly

Save \$20.45



Vernier
Tuning



Selects Any
of 6 Bands



Earphone
Jacks



Built-In
Antennas



C FM-AM
10 Transistors

Save \$3.00

Was \$29.95 in Catalog 230

\$26⁹⁵

\$5 monthly



B

**KN
2400**

4 Bands!

\$79⁵⁰

\$5 monthly



D

Save
\$10.45

\$59.95 in
Catalog 230

\$49⁵⁰

\$5 monthly

14 Transistors
3 Bands—FM-AM-SW
2 Tuning Dials!



E

10 Transistors
3 Bands

Save \$10.00

\$19⁹⁵ \$5 monthly

A Huge \$20.45 Savings off Catalog 232 Price on Deluxe 11-Transistor 6-Band Portable

- 6 Bands—Unusually Wide Listening Choice—FM-AM-SW
- High Sensitivity and Selectivity on Shortwave Bands
Pulls-In those Far-Away Stations
- Built-In Time-Zone Map Shows the Hour World-Wide
- Self-Contained Antennas • AFC for Drift-Free FM

Was \$149.95. Smashing price reduction saves you \$20.45. An unbeatable buy for a portable that tunes FM, AM, plus exciting far-reaching shortwave! Covers the 150-400 kc longwave band, 535-1605 kc standard broadcast band, 2-4 mc marine, police band, 2 shortwave bands from 4.75-22 mc, and 88-108 mc FM broadcast band.

Just the thing for the outdoorsman. Efficient 11-transistor circuit provides over-all good reception. Lets you enjoy relaxing, static-free FM, as well as weather reports, news broadcasts from foreign capitals of the world, and Amateur reception . . . wherever you go! World time-zone map in flip-up cover shows you the hour anywhere on the globe. Supplied complete with Shortwave Listening book that lists stations across the world.

Front-panel meter provides "on-the-button" tuning and a quick visual check of battery condition. Six standard "D" batteries provide many hours of listening time. Automatic Frequency Control "locks in" FM stations for drift-free reception. Has 3 separate built-in antennas for LW, SW and FM; 6x4" speaker; output jack to permit use as hi-fi tuner or with tape recorder; 2 earphone jacks; provision for external antenna. 10 1/2 x 13 1/2 x 5 1/4". With earphone, batteries, and book. From Japan. Shpg. wt., 20 lbs.

24 SU 235-R. Shipped express. 129.50
55 J 867-R. Extra Batteries. Wt., 8 oz. Pkg. of 4 for. 52¢

Price Slashed \$18.00



Best All-Around Portable/Car Radio Money Can Buy! Mounts Neatly Under Car or Boat Dash . . . Can Be Used as Hi-Fi Tuner . . . or At the Beach. "At Home" Anywhere!

B Knight KN-2400 FM-AM-SW Portable

Was \$97.50 in Catalog 230. Tunes FM, AM, and 2 shortwave bands (2.4-6.3 and 6.2-16 mc). Perfect as a portable, a car radio, cordless table model or hi-fi tuner. Features pushbutton band-selectors; tuning/battery-condition meter; separate bass and treble controls; flywheel tuning. Felt-padded mounting bracket (optional) converts it to a car radio in less than 5 seconds. Folds up, out of the way when radio is slipped out. Has 9 transistors, 3 diodes. "D" batteries provide up to 300 hours of operation under average conditions. Large 5x7" speaker. Twin telescoping whip antennas; jack for standard auto antenna; external-speaker jack; high-impedance output jack for taping. Size, 8 1/16 x 12 3/4 x 1 1/4". Less batteries, listed below. From Denmark. Shpg. wt., 11 lbs.

24 SU 229-R. Shipped express. 79.50
24 SX 230-R. Mounting Bracket. Shpg. wt., 3 lbs. 9.95
55 J 867-R. Batteries. Uses 6. Wt., 8 oz. Pkg. of 4 for. 52¢

D Save \$10.45 Off Catalog 230 Price on Lincoln® FM-AM-SW 14-Transistor Radio

Was \$59.95. Moderately priced radio tunes static-free FM, and standard AM. Also receives fascinating shortwave (4-12 mc) programs during evening hours. Hear anything you want, anywhere you go! Unique design features twin slide-rule dials (one on top, one on side) for easy tuning whether radio is in horizontal or standing position. It's as easy to operate on a table indoors as it is at the beach or ballgame. Superhet circuit has 14 transistors, 6 diodes, and 2 thermistors for good reception. Designed for long battery life. Tone control adjusts treble. Telescoping 31" antenna. Has provision for external antenna to pull in more-distant stations. Big 5" speaker. Size, 10 1/4 x 7 x 3 1/2" deep. With batteries (uses 4). From Japan. Shpg. wt., 6 lbs.

24 SC 056-R. Shipped express 49.50
55 J 866-R. Extra Batteries. Wt., 8 oz. Pkg. of 2 for. 26¢

Genuine Black-Leather Covering on Case, Satin-Finish Metal Panel



11-Transistor FM-AM Portable

\$39.95
\$5 monthly

- FM and AM—Tunes All Your Favorite Local Programs
- Automatic Frequency Control Prevents FM Drift

Tunes in the varied musical programming of static-free FM, plus newsy, fast-moving AM. AFC circuit "locks in" FM stations so they won't drift as you listen! 30" whip antenna telescopes into case; rotates 360° to 90° off vertical to receive FM stations from any direction. Has jack for earphone, plus separate jack for auxiliary speaker or another earphone. Mellow toned 3 1/2" speaker. Comfortable carrying strap. 7 1/4 x 10 x 3". With batteries (uses 4), and earphone. From Japan. Shpg. wt., 5 lbs.

24 SC 067-R. 39.95
55 J 865-R. Extra Batteries. 3 oz. Pkg. of 2 for. 26¢

C Save \$3.00 on 10-Transistor FM-AM Portable

Was \$29.95. Enjoy the best in music on static-free FM, plus the news and weather on AM—whenever you want it, indoors or outside. For a surprising low price, you get a portable radio that boasts 10 transistors, 3 diodes, and a thermistor to ensure good reception and long battery life. Convenient thumbwheel controls, including tone control. Slide-rule dial is clearly marked for FM and AM bands—provides simplified, accurate tuning. Has earphone jack for private listening, built-in ferrite bar antenna for AM, and 27" telescoping whip for FM. Antenna rotates 360° for best FM signal pickup. Mellow-toned 3" speaker. Economical—operates on just 4 low-cost batteries. Attractive plastic case is only 4x8x2". Complete with protective carrying case, earphone, and batteries. From Japan. Shpg. wt., 1 3/4 lbs.

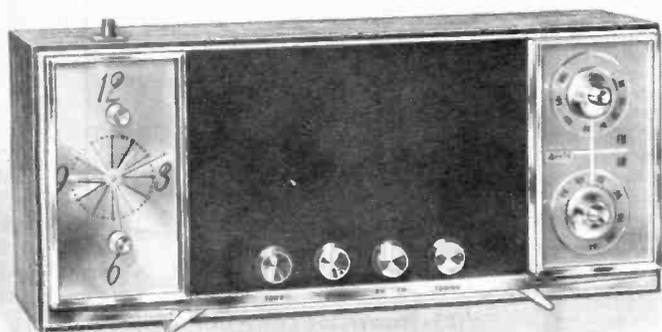
24 SC 054-R. 26.95
55 J 870-R. Extra Batteries. Wt., 4 oz. Pkg. of 2 for. 20¢

E Catalog 230 Price Cut \$10.00 on 10-Transistor 3-Band AM Portable

Was \$29.95. A terrific bargain—get three bands for the price you'd expect to pay for only two. During nighttime hours you'll hear continuous 24-hour aviation weathercasts, ships at sea, aircraft, Hams and foreign countries on longwave and shortwave. Also receives standard AM broadcasts that let you listen to your regular favorite programs. Tunes 140-400 kc (longwave), 540-1600 kc, (AM), 4-12 mc (shortwave). Convenient Thumbwheel controls for tuning, tone, bandswitching, and volume level. Easy-to-read tuning dial for each band. Has self-contained ferrite AM antenna, and telescoping whip for shortwave and longwave bands. 3" speaker. Rugged plastic case, 4x8x2". With leather carrying case, batteries (uses 4), earphone. From Japan. Shpg. wt., 1 3/4 lbs.

24 SC 052-R. 19.95
55 J 870-R. Extra Batteries. Wt., 4 oz. Pkg. of 2 for. 20¢

Wake up to Music with a Clock-Radio



Arvin FM-AM Clock-Radio Has Night-Light Clock Face

\$49⁹⁵

\$5 monthly

- AFC Switch for Drift-Free FM
- Full-Tone 5x7" Oval Speaker
- Separate FM and AM Dials
- Walnut Wood-Grain Case

Best clock-radio we've ever offered. Wakes you up to static-free FM, or AM. Just set clock at night for up to 60 minutes of music, and clock turns radio off automatically. In the morning, radio turns on to wake you with 10 minutes of music. Then buzzer-alarm sounds to arouse extra-heavy sleepers. Distinctive clock face has softly glowing night light. Radio has large 5x7" speaker and a continuous tone control. AFC circuit keeps FM stations drift-free. Two built-in antennas plus terminals for external 300-ohm FM antenna. High-impact deluxe plastic cabinet has walnut wood-grain finish. 7x16½x6" deep. For 110-120 volts, 60 cycle AC. Shpg. wt., 8 lbs.

24 SX 253-R. \$5 Monthly..... 49.95

NEW!

Lulls you to sleep, shuts off automatically . . .
Wakes you to music, buzzer sounds after 10 minutes

FM-AM Radio Has Telechron Clock With Luminous Hands

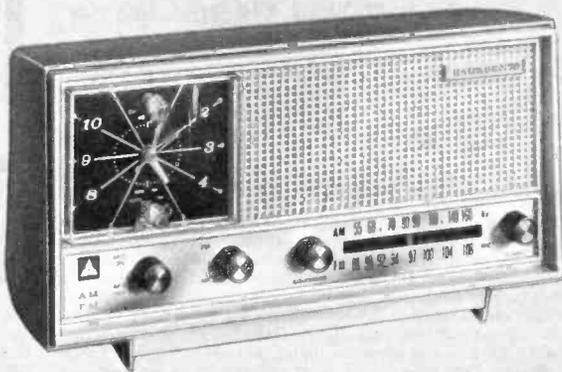
\$39⁹⁵

\$5 monthly

- Turns Off and On Automatically
- AFC Locks in FM Stations
- Buzzer Alarm for Heavy Sleepers
- Employs 6 Tubes and Rectifier

Instead of the clamor of your alarm clock in the morning, enjoy soothing FM or AM music. Telechron clock automatically turns radio off at night (after any pre-set interval of up to 60 minutes) and turns it on in the morning. Buzzer sounds 10 minutes after radio goes on. Clock has luminous hands. Slide-rule dial and vernier tuning. Built-in AM antenna and external wire antenna for FM. High-impact plastic cabinet in antique white. 5¾x13½x7". U.L. Listed. For 110-120 v., 60 cycle AC. 10 lbs.

24 SX 241-R. \$5 Monthly..... 39.95



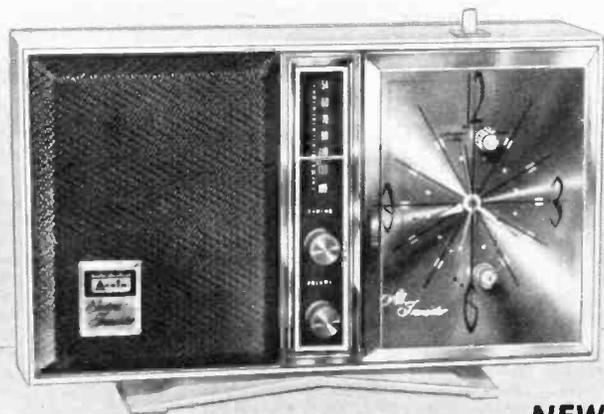
Arvin Solid-State AM Clock-Radio Plays Instantly

All Transistor **\$29⁹⁵** **\$5**
monthly

- Large, Illuminated Slide-Rule Dial
- Slumber Switch Turns Radio Off For You
- No Batteries Required—Operates From AC

Go to sleep at night, listening to your favorite AM station . . . radio turns off at any preset time up to an hour. Wake up in the morning (at the time you've set) to the cheerful sound of that same station. Buzzer alarm goes off ten minutes after radio is turned on, to rouse extra-heavy sleepers. Solid-state (transistor) sound is "clean," and there's no warm-up time. Mellow-toned 4" speaker produces crisp, clear AM sound. Has built-in ferrite-rod antenna. Ultra-thin white plastic cabinet is only 8x12¾x3¾" deep. For 110-120 v., 60 cycle AC. Shpg. wt., 6 lbs.

24 SX 254-R. \$5 Monthly..... 29.95



NEW!

Low-Cost Radios . . from AM to Stereo FM

Stereo FM/FM-AM Radio

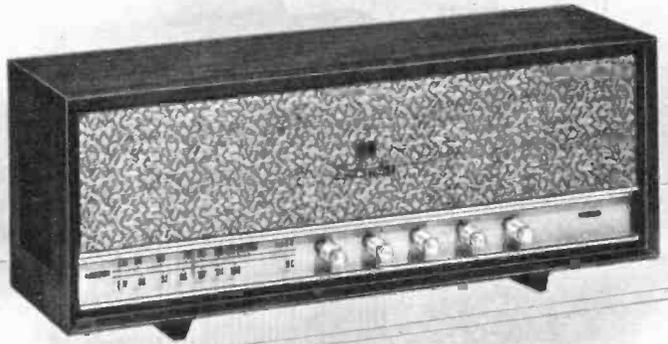
- Two 5", Two 3½" Speakers
- AFC Circuit Locks in FM
- Stereo Balance Control
- Slide-Rule Tuning Dial

\$59⁹⁵

\$5 monthly

Here's your opportunity to bring the exciting sound of stereo FM into your home at a fantastic low price. You'll also enjoy monophonic FM, and crisp, clear reception of AM broadcasts. Has two 5" and two 3½" wide-range speakers placed at extreme ends of the cabinet for maximum channel separation. Decorative walnut-veneer wood cabinet complements room furnishings, and contributes to good bass response. AFC circuit stops FM drift. With stereo balance control, you adjust sound for maximum stereo realism under the acoustical conditions of your room. Slide-rule dial makes tuning easy and precise. 10x25½x7½". For 110-120 v., 60 cycle AC. From Japan. Shpg. wt., 22 lbs. Shipped express.

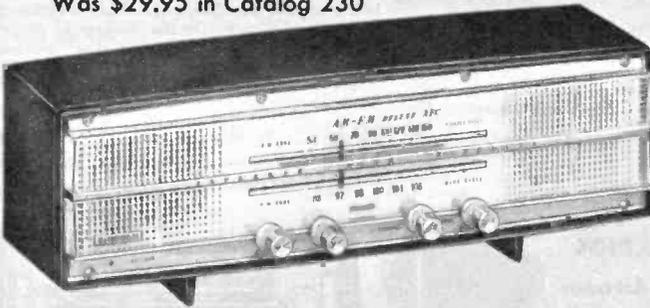
24 SU 242-R. \$5 Monthly..... 59.95



Our lowest priced Stereo receiver . . proof that quality Stereo FM isn't expensive at Allied!

Save Over \$5.00

Was \$29.95 in Catalog 230



Value-Priced FM-AM Table Radio

Two Wide-Range 4" Speakers **\$24⁸⁸** \$5 monthly

- Tone Control • Large Slide-Rule Dial
- AFC for No-Drift FM • High-Impact Case

A good-looking table radio providing reception of FM and AM stations, two 4" speakers, and a modern circuit with 7 tubes plus rectifier. Sound quality is surprisingly clear and mellow. AFC circuit locks in FM stations—never any re-tuning due to drift. Has big slide-rule dial for easy station selection, and a continuously variable tone control. Built-in high-efficiency AM antenna and external wire FM antenna. (Not recommended for fringe-area FM reception.) 6x 17½x6" deep. For 110-120 volts, 60 cycle AC. From Japan. Shpg. wt., 13 lbs.

24 SX 212-R. \$5 Monthly..... 24.88

Subminiature AM Table Radio With Solid-State Circuit

NEW! \$14⁹⁵ Tiny—yet it has a lift-top Jewelry Compartment

- Our Smallest Table Radio
- Built-in Speaker Provides Excellent Tone
- With Batteries, Personal Earphone

A subminiature table radio, only 3x7x2½" . . . yet it performs like a much larger set. Solid-state circuit (6 transistors and diode) provides good reception of AM broadcasts. Has full-tone speaker, plus efficient ferrite-core antenna. Calibrated slide-rule dial with easy-to-read logging scale and smooth-operating tuning knob, pinpoint stations. Ivory and gray plastic cabinet. Top lifts to reveal compartment for jewelry, cigarettes, pins. Uses 3 penlight cells. With earphone for personal listening, and batteries. From Japan. Shpg. wt., 1 lb.

24 SC 069-R..... 14.95
55 J 870-R. Extra Batteries. 3 oz..... 2 for 20¢



Save on Radios! Catalog 230 Prices Cut

10 Transistors

Radio Alone

\$11.95

Complete Outfit \$13.95



Our Lowest Priced 10-Transistor Portable

Here's a 10-transistor radio actually priced lower than many 8-transistor portables! Carry it in your pocket or purse . . . measures only 4½x2¾x1¼". Brings in stations loud and clear through a 2½" speaker. Station numbers "jump out" through a handy dial magnifier. Flush thumbwheel controls. 10 transistors, diode, and thermistor. Built-in ferrite bar antenna. High-impact styrene case. Battery, earphone and leather carrying case optional (see complete outfit, below). From Japan. Shpg. wt., 1 lb.

24 SC 062-R. 11.95

55 J 999-R. 9-Volt Battery. Uses 1. Wt., 6 oz. Pkg. of 3 for 79¢

COMPLETE 4-PIECE RADIO OUTFIT. Get the high-performance 10-transistor radio described above, plus a matching, genuine-leather carrying case, 9-volt battery, and convenient earphone for private or late-evening listening. You get it all for only \$2.00 more than the cost of the radio alone! From Japan. Shpg. wt., 1¼ lbs.

24 SC 061-R. Complete 4-piece Outfit. 13.95



Our Best AM Portable

Save \$2.00 \$16.95

off Catalog 230 Price

- 10 Transistors • Duo-Fi 3" Speaker
- Double Push-Pull Output Stage • AGC

A deluxe portable featuring a custom saddle-stitched leather case and 3" Duo-Fi speaker. Duo-Fi design, in effect, gives you two speakers (bass and treble) in one. You get tonal quality rivaling that of higher priced table radios. Advance-design circuit uses 10 transistors, 1 thermistor and 1 diode. Automatic Gain Control helps prevent signal fade-out when direction of radio is changed. Double push-pull output stage delivers more power, gives truer, cleaner tone. Accurate station selection is achieved with direct-drive tuning. Size, 4¾x7¼x2½". With batteries (uses 4). From Japan. Shpg. wt., 1¾ lbs.

24 SC 055-R. Was \$18.95 16.95

55 J 870-R. Extra Batteries. 4 oz. 2 for 20¢

BEST BUYS ON CAR RADIOS

Complete with Speakers and Antennas



- Doubles as Car Radio and Portable
- Includes Lock and Key



Car/Portable Deluxe AM Radio

7 Transistors plus 2 diodes **\$48.95** \$5 monthly

Special low price for "two radios in one." Operates on its own self-contained batteries when you remove it from your car, uses car's battery when slipped into power pack (included) that mounts easily under dash. With lock and key, mounting hardware, and batteries (uses 4). Full-tone built-in speaker. Smart nylon case, 7x6x2¼". For 6 or 12-VDC negative or positive ground. From Italy. Shpg. wt., 5 lbs.

24 SC 068-R. \$5 Monthly. 48.95

EXTRA BATTERIES. Wt., 2 oz.

55 J 870-R. Pkg. of 2 for 20¢

All-Transistor AM Radio
5 Pushbuttons
\$37.95
Save \$2.00
\$5 monthly

Regularly \$39.95 in our Catalog 230. Check the deluxe features, then compare our price. Boasts 5 pushbuttons that you can set to any stations you choose. 5-transistor circuit (plus 2 diodes) draws only a small amount of current from your car's battery. Has tone control. Our low price even includes a 5x7" speaker and an antenna with lead-in and plug. Chrome trim. Radio mounts under dash of any vehicle. For 6 or 12-VDC, neg. or pos. ground. 7x6½x2½". 12 lbs.
24 SX 236-R. \$5 Monthly. 37.95

All-Transistor FM-AM Radio
5 Pushbuttons
\$74.95
Save \$5.00
\$5 monthly

Regularly \$79.95 in Our Catalog 230. Deluxe features, yet costs less than some car radios with only FM. Has 5 "quick-set" pushbuttons—3 for AM, 2 for FM. FM circuit has 4 IF stages, AGC for steady signal, and AFC for drift-free listening. AM circuit has RF stage for strong reception. Tone control. Vernier tuning. 6-watt output. 10 transistors, 8 diodes. With antenna and 5x7" speaker. 8½x8½x3". Under-dash mtg. hardware. For 12-VDC neg. ground. 13½ lbs.
24 SX 228-R. \$5 Monthly. 74.95

Sale on Weather and Navigation Instruments

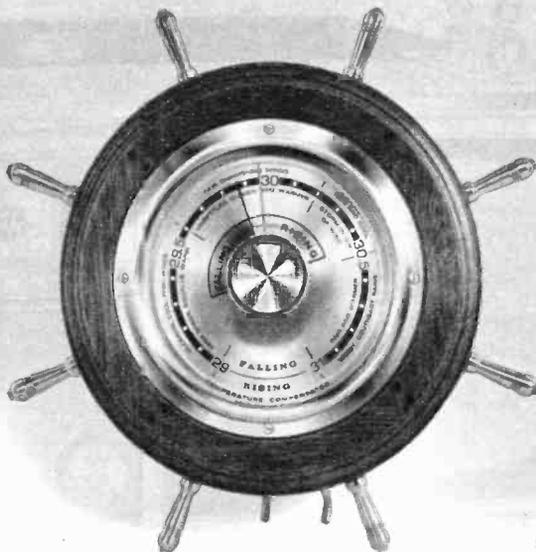
GET DEPENDABILITY AND HIGH ACCURACY AT LOW ALLIED PRICES

Popular Ship's Wheel Barometer

\$12⁹⁵

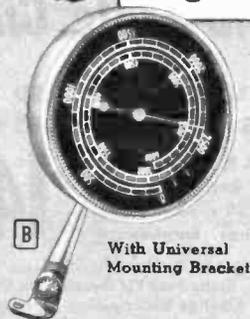
"Uni/Mag" Aneroid Movements Provides Expanded Scale for Quick, Accurate Weathercasts

A handsome deluxe accessory instrument that will add an air of distinction to your home or boat. Features the new exclusive "Uni/Mag" expanded-scale aneroid movement that provides greater pointer movement for the same barometric pressure change than ever before possible with an aneroid barometer. Makes it easy to read even minute changes in barometric pressure—important for quick and accurate weather forecasts. Adjustable to up to 10,000-foot elevation above sea level. 6" solid mahogany case has polished brass spokes and bezel. Dial calibrated from 29 to 31 inches and shows rising and falling pressure, plus weather conditions. Handy knob adjusts second pointer for accurate comparison readings. For wall mounting. Shpg. wt., 2 lbs.
24 SC 106-R..... 12.95



**Auto-Boat
Compass
\$4⁹⁵**

**Auto
Altimeter
\$9⁹⁵**

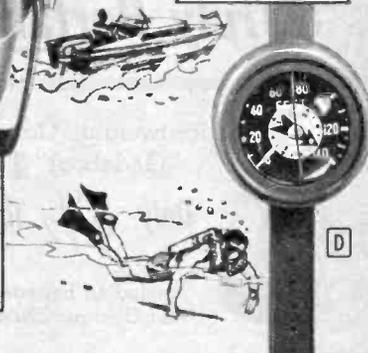


**With Universal
Mounting Bracket**



**Marine
Compass
\$13⁹⁵**

**Depth Gauge
and
Compass
\$12⁹⁵**



A ILLUMINATED NAVIGATOR COMPASS. Accurate instrument, use in cars or boats. Helps you find your way when driving or boating at night or in adverse weather. Has sharp, clear white numerals on contrasting black background, eight compass points plus in-between divisions. Dual scales provide easy viewing from any angle. Pushbutton-illuminated with self-contained battery—no wires to connect. Universal swivel mounting bracket. Big 2 1/4" diameter white case. Shpg. wt., 1 lb.
24 SC 101-R..... 4.95

B MOTORIST'S ALTIMETER. Shows elevation changes as they occur—it's a useful guide for all motorists. New "Uni/Mag" movement gives 2 1/2 times more pointer movement. Dial has black face with white numerals and pointer, reads altitude from 0 to 6000 ft. with 200-ft. markings. 3 1/4" diameter white plastic case has universal swivel mounting bracket for quick and easy installation in almost any auto. Shpg. wt., 1 lb.
24 SC 107-R..... 9.95
24 SC 109-R. As above, but reads 0-14,000 feet. 9.95

C ILLUMINATED MARINE COMPASS. Stable, sensitive instrument for use on virtually any type of power or sailing craft. Has 3 3/8" diameter magnifying dome; 8-point compass star and 360° scale with 5° divisions; sharp, clear white numerals on black background. Liquid damping provides steadiness. Illuminated for easy viewing at night. Handsome chrome-plated case and mounting bracket. Shpg. wt., 2 1/2 lbs.
24 SC 110-R..... 13.95
24 SC 108-R. Above, black wrinkle finish. 12.95

D COMBINATION UNDERWATER DEPTH GAUGE AND COMPASS. Top-quality underwater safety instrument for scuba and skin divers. Wear it as you would a wristwatch. Depth gauge scale reads 0-140 ft., calibrated in 5 and 10-ft. units. 8-point compass scale has direction line etched into shatterproof dome. Shock-absorbent housing of green neoprene with moisture-resistant wrist strap. Scales glow in the dark for easy underwater readings. Use in fresh or salt water. Shpg. wt., 1 lb.
24 SC 111-R..... 12.95



Carrying Case optional

Truly Portable TV . . Solid-State Circuitry



Lightweight, Compact
"Gadabout" TV
Only **8 1/2 lbs.**

Including Batteries
and Charger Circuit



MEASURES ONLY
5 inches High,
8 1/4 inches Wide,
8 inches Deep

**BATTERY OR AC
OPERATION**
Lets You Enjoy
TV When and
Where You Like
... Picnics, Beach,
Car, Boating



4 1/2-INCH* TRANSISTORIZED TV PLAYS ON BATTERIES OR AC, INDOORS OR OUTDOORS

Complete with: 3 Rechargeable Batteries, Built-In Recharger, Adapter for 110-120 v. AC, Dual Telescopic Antennas, Earphone

\$149⁹⁵ COMPLETE
VHF monthly \$8

- You'll Marvel at Its Bright, Crisp Pictures
- Wide-Range, Static-Free FM Sound from Up-Front Speaker
- Economical Alkaline Batteries Are Rechargeable—Operate Up to 8 Hours on a Single Charge—"Overcharging" Impossible!

A major "breakthrough" in portable TV. Now you can watch your favorite shows anywhere—even where no AC power is available. This incredibly light and compact set weighs a mere 8 1/2 pounds, including batteries and built-in recharger circuit. Rectangular 4 1/2" screen gives you crystal-clear pictures with clean whites and bold, contrasting blacks.

Modern circuit uses 28 transistors and 31 diodes. Keyed AGC, noise limiter, and AFC circuits hold the picture rock-steady. Economical operation too—low-battery-drain circuit operates up to 8 hours on a single charge. Self-contained alkaline batteries (uses 3) can be recharged many times. TV set also may be operated from the 12-volt battery in your car or boat with the optional Cord below, or from any 110-120 v., 60 cycle AC outlet. (Receiver comes with cigarette-pack-size AC adapter; not illus.)

Carrying handle doubles as adjustable stand. Built-in twin antennas. Has channel-indicator window. Includes earphone for private listening. Batteries included. From Japan. (*Overall diag. measurement.)

- 24 SC 344-R. VHF. Shpg. wt., 15 lbs. Shipped express..... **149.95**
 24 SC 343-R. UHF-VHF. All-channel reception (2-83). Shpd. exp.... **179.95**
 24 SC 342-R. Carrying Case. Shpg. wt., 2 lbs..... **6.95**
 24 SC 345-R. Power Cord. Plugs into cigarette lighter in cars. 12 oz.... **3.95**
 24 SC 346-R. Extra Batteries. Shpg. wt., 3 lbs..... Package of 3 for **10.95**



Save \$15.45 on All-Channel 9-inch* Portable

**TUNES CHANNELS 2 TO 83, NOT JUST 2 TO 13 . .
RECEIVES ALL TV STATIONS IN YOUR AREA!**

Complete with: Private Listening Earphone . . . Automatically Mutes Speaker When You Plug It In

\$99.50 UHF-VHF

Was **\$114.95**
\$5 monthly

- 3 IF Amplifiers Produce Good Pictures Even in Outlying Areas
- Aluminized Picture Tube Reproduces Brilliant Images with Excellent Contrast Even in Brightly Lighted Rooms
- Front-Mounted Speaker • Static-Free FM Sound • Handwired Circuit

Enjoy TV where you want it, when you want it, with your own personal set. Fine choice for a "second set"—now the children can see their programs without interrupting your favorite shows. Receiver includes an earphone for private listening—eliminates the problem of disturbing others while you enjoy those late-late movies.

This is not a "stripped down" set. Three IF amplifiers—not just two—and a high-gain tuner deliver strong, clear pictures even in outlying areas. Outperforms many other portables selling in this price range. Boasts a hand wired circuit, too. Up-front speaker delivers clear, static-free FM sound. Eight-section telescopic antenna offers good signal pickup from local stations. Has Local-Distant switch. 14 tubes, 5 diodes.

Channel selector and on-off/volume control are conveniently located on top of cabinet. Less frequently used controls are side-mounted (Brightness, Contrast, Horizontal, Vertical). Adjustment underneath cabinet "tilts" set to desired viewing angle. All tubes accessible from rear. Only 7 1/16" high (with legs) x 12 3/16 x 12 3/16". With earphone. From Japan. For 110-120 v., 60 cycle AC. (*Overall diag. measurement.) Shpg. wt., 25 lbs.

24 SU 244-R: UHF-VHF. Channels 2-83. Shipped express 99.50
24 SU 243-R: VHF. Channels 2-13. \$5 Monthly. Shipped express 87.50

Handy Room-to-Room TV

COMPACT
and Light
Enough to
Carry
Comfortably



"RIGHT" FOR
ANY ROOM
Book-Shelf-
Size Ideal for
Den, Playroom,
Kitchen and
Work Room



PRIVATE-LISTENING
with Earphones
is Highly
Desirable for
TV Viewing in
Bedrooms



UHF Antenna Required for Optimum UHF Reception — See Page 34

ALLIED 7

Drastic Price Cuts on Wollensak Recorders

MODEL T-524 4-SPEED PORTABLE TAPE RECORDER

Now at an All-Time-Low Price



Save \$26.00

\$99⁰⁰

\$5 monthly

Was \$125.00

LOW, LOW PRICE FOR FAMOUS WOLLENSAK QUALITY AND DELUXE FEATURES

- Pushbutton Drive Control, Instant Stop
- High and Low-Level Inputs • 5x7" Speaker
- Normal-Distort Record-Level Indicators
- Safety Interlock • AC Bias and Erase
- Vinyl-Clad Steel Case • Tone Control
- Records and Plays Back up to Twelve Hours at 1 1/2 ips

Take advantage of a spectacular price slash to get the Model T-524 4-speed, 2-track recorder at a new low priced Records and plays up to 12 hours (at 1 1/2 ips) on both tracks of a single 1800-ft. reel of tape. A wonderful feature for students, teachers and professionals who can record complete lectures and speeches. This deluxe monophonic recorder boasts pushbutton drive control with instant stop, AC bias and erase, and duo record-level indicators (normal and distort). Records from microphone, and from radio, TV or phono to preserve memorable programming.

Safety interlock feature prevents unintentional erasure of tapes. Continuous tone control permits sound adjustment to taste and room acoustical conditions. Wide-range 5x7" speaker delivers excellent sound. Speeds: 7 1/2, 3 3/4, 1 1/2, and 1 1/8 ips. Frequency response: 80-12,000 cps at 7 1/2 ips. Has 3-watt audio output. In striking black and gray, vinyl-clad steel case. Compact size, 7x13x10". Supplied complete with 7" take-up reel and microphone. For 110-120 volts, 60 cycle AC. Shpg. wt., 28 lbs.

79 RX 988-R. \$5 Monthly.....99.00

MODEL T-1440 STEREO-PLAYBACK RECORDER WITH TRACK DIALING

Bargain Priced with Expensive-Recorder Features



Save **\$169⁰⁰**
\$20.00 \$9 monthly

Was \$189.00 in Catalog 230

- Track Dialing to Record on Four Separate Tracks
- Records and Plays 2 and 4-Track Monophonic Tapes
- Plays 2 and 4-Track Stereo Tapes with External 2nd-Channel Amplifier and Speaker
- 10-Watt Amplifier • Head Demagnetization

A remarkably versatile 2-speed recorder at an incredibly low price. The T-1440 records and plays 2 and 4-track monophonic tapes. Also plays 2 and 4-track stereo tapes (one channel through its own speaker, and the other channel through any external amplifier and speaker). Special track-dialing feature permits recording on 4 separate tracks for up to 8 hours on one 2400-ft. reel, at 3 3/4 ips. Boasts these additional features: powerful 10-watt amplifier, automatic head demagnetization, fast forward and rewind, pause control, normal-distort record-level indicator, and digital tape counter. Easy-action keyboard controls for play, record and stop functions. Response: 40-15,000 cps at 7 1/2 ips. Size, 6 1/2 x 10 1/4 x 11 3/4". With microphone, 1200-ft. reel of tape, 7" take-up reel. For 110-120 volts, 60 cycle AC. Shpg. wt., 38 lbs. Shipped express.

79 RU 975-R. \$9 Monthly.....169.00

MODEL T-1400. Save \$20.00. Similar to T-1440 above, but records and plays 2-track monophonic tapes only. Shpg. wt., 30 lbs. Shipped express.

79 RU 977-R. Was \$169.00. \$8 Monthly.....149.00

Price-Smashing Sale on Concord Recorders

CHECK THESE GREAT RECORDER FEATURES

- Boasts Three Separate Heads to Record, Playback, and Erase
- Records and Plays Back 4-Track Stereo and Monophonic Tapes
- 15-Watt Amplifier • Two 8" Speakers
- Illuminated VU Meters • Pushbuttons
- Tape Lifters to Reduce Head Wear
- Tape /Source Comparison Switch

Save \$80.00

\$299⁵⁰

\$15 monthly
Was \$379.50



Model 884 3-Speed Stereo Recorder

Professional-quality recorder features 4-track stereo and monophonic record/playback; 4 separate pre-amps; separate record, playback, and erase heads; digital counter; level controls on each channel; instant stop; outputs for external speakers and amplifiers; automatic shut-off; sound-on-sound switch; 2 VU meters. Response: ± 3 db, 50-15,000 cps at $7\frac{1}{2}$ ips. Also runs at $3\frac{3}{4}$ and $1\frac{1}{8}$ ips. Wow and flutter: less than 0.15% at $7\frac{1}{2}$ ips. S/N ratio: 60 db. Size, $11 \times 15\frac{1}{2} \times 17$ ". Complete with two dynamic microphones and desk stands, patch cords, 7" take-up reel, and splicing tape. For 110-120 volts, 60 cycle AC. From Japan. Shpg. wt., 43 lbs. Shipped express.

79 RU 990-R. \$15 Monthly.....299.50

KNIGHT KN-50 1-MIL. "MYLAR" TAPE. 7" reel. 1800 ft. Shpg. wt., $1\frac{1}{2}$ lbs.

80 R 956-R. 14... Each 2.49 5-Up... Each 2.25

NEW LOW PRICE

\$219⁵⁰

\$11 monthly



Records and
Plays 4-Track
Stereo and Mono

550-4 Stereo Recorder at Our Lowest Price Ever

Never before offered at this-low price! Full stereo unit records and plays 4-track stereo and monophonic tapes. Features transistorized stereo preamp and a 10-watt stereo power amplifier. Has one built-in 6×4 " speaker in case, and another ($6\frac{1}{4}$ " in detachable lid for excellent channel separation. Also: positive-action pushbutton controls; digital counter; level meters for each channel; idler disengagement; outputs for external amplifier and speaker; radio-TV-phono input. Provision for sound-on-sound, many other effects. Response: ± 2 db, 40-16,000 cps at $7\frac{1}{2}$ ips. $9\frac{3}{8} \times 13\frac{3}{8} \times 14$ ". With two dynamic microphones, 4 patch cords. For 110-120 volts, 60 cycle AC. From Japan. Shpg. wt., 48 lbs. Shipped express.

79 RU 985-R. \$11 Monthly.....219.50

Sound starts it,
Silence stops it

\$149⁵⁰

\$8 monthly



NEW! Model 330 Voice-Actuated Recorder

Starts recording when mike picks up sound, stops when sound ceases, or can be set for manual turn-off. Also stops at any designated point by use of sensing tape (included). Synchronizer automatically advances slides on many slide projectors. Has control to sync sound with any movie projector. Records up to 6 hours on 5" reel at $1\frac{1}{8}$ ips. Also runs at $3\frac{3}{4}$ ips. Record/battery condition meter. Runs on AC with adapter. $3\frac{3}{4} \times 12 \times 8\frac{3}{4}$ ". With remote-control start/stop mike, leather pouch, earphone, self-threading takeup reel, batteries, slide-projector plug. From Japan. 15 lbs.

79 RE 994-R. \$8 Monthly.....149.50

80 R 186-R. AC Adapter. Shpg. wt., 2 lbs.....14.95

55 J 868-R. Extra Batteries. Uses 6. Wt., 5 oz.....4 for 64¢

See Our 1964 Catalog 230 for Other Tape Recorder Values

ALLIED 9

Save on Battery Powered Recorders



4-Transistor Recorder with Start-Stop Mike

Save ~~\$3.07~~ **\$24⁸⁸** \$5
Regularly \$27.95 monthly

- Two Motors • Handsome Attache-Type Case
- Simplified Pushbutton Function Controls
- Records Up to 46 Minutes Continuously

Special reduced price, on a value-packed 2-track recorder. Sloping reel-deck offers convenient desk-top use—perfect for dictation. Microphone has start-stop switch for added convenience. Records and plays back to 46 minutes on one 3¼", 600-ft. reel of tape. Has pushbutton function controls, variable speed control, two motors, built-in speaker. In smart attache-type case, 3¼x9½x9". Complete with microphone, earphone for late-night or private listening, 3¼", 200-ft. reel of tape, take-up reel, and batteries. (Not for music.) From Japan. Shpg. wt. 4½ lbs.

79 RU 939-R. \$5 Monthly..... **24.88**

55 J 865-R. Extra C Battery. Uses 2. 3 oz. 2 for **26¢**

55 J 119-R. Extra 9-V. Battery. Uses 1. 2 oz. **21¢**

TIE-CLIP MICROPHONE. Wt., 2 oz.

80 RC 791-R. For any Recorder on This Page. . **2.95**



TIE-CLIP MIKE
Works with
any recorder
on page

Capstan Drive Tape Recorder

\$39⁹⁵ \$5
monthly



Lowest-Cost Portable Recorder with Constant-Speed Capstan Drive

- Compatible with AC Recorders
- Records up to 2 Hours • 2 Speeds
- Record and Battery-Level Meter

Features capstan-drive for constant-speed-control... compatible with AC powered recorders. Tapes made on this recorder may be played on AC machines, and vice versa, without distortion. Two speeds: 1½ and 3¾ ips. Tapes up to 2 hours (both tracks) at 1½-ips on one 600' reel. Pushbuttons control play, stop, rewind, record. Record/battery-level meter, mike, auxiliary input. Built-in speaker. Monitoring provision. With batteries (uses 4), earphone, 3¼", 200' reel of tape, take-up reel, dynamic mike with start-stop switch. (Not for music.) Takes tie-clip mike, upper right. From Japan. Shpg. wt., 6 lbs.

79 RU 991-R. \$5 Monthly..... **39.95**

55 J 865-R. Extra Battery. 4 oz 2 for **26¢**



PRICES CUT ON OUR TWO SMALLEST PORTABLES

Two-Motor Recorder With Start-Stop Mike

Save ~~\$8.00~~ **\$16⁸⁸** Regularly \$24.88

New price makes this our lowest-cost portable recorder... and see what you get! Slim and lightweight, this 2-track unit features two motors, a variable playback speed, and temporary-stop button. Single knob selects rewind, stop, play and record functions. Handy thumbwheel volume control. Clear-toned 2¼" speaker. Smartly styled vinyl case has convenient carrying handle. Size, 2½x8½x7". Complete with microphone, batteries, reel of tape, and 3¼" take-up reel. (Not for music.) Will accept tie-clip mike, illustrated above. From Japan. Shpg. wt., 3 lbs. Order now! Sale price ends Sept. 15.

79 RU 493-R...... **16.88**

55 J 870-R. Extra AA Batteries. Uses 6. Wt., 2 oz. Pkg. of 2 for **20¢**

55 J 865-R. Extra C Battery. Uses 3. Wt., 4 oz. Pkg. of 2 for **26¢**

Lincoln Subminiature Pushbutton Recorder

Save ~~10%~~ **\$26⁹⁵** \$5
monthly

Reg. \$29.95. Small enough to fit in a jacket pocket. Offers all kinds of recording opportunities. Ideal for use with Tie-Clip Mike, above. Surprise your friends with tapes you've made of them secretly. Pushbuttons control stop, play, rewind, record. Mike has start-stop button. Variable speed control. Up to 20 minute recordings (both tracks) on 2½" reel. 2¼" speaker. Only 3¾x5¾x2½". With carry case, mike, accessory case, reel of tape, takeup reel, earphone, batteries. (Not recommended for music.) From Japan. Shpg. wt., 6 lbs.

79 RC 940-R. \$5 Monthly. **26.95**

80 R 035-R. 2½" Reel of Tape. **89¢**

80 R 036-R. 2½" Take-up Reel. **10¢**

55 J 870-R. Extra AA Batteries. Uses 2. Wt., 2 oz. Pkg. of 2 for **20¢**

55 J 119-R. Extra 9-V. Battery. Uses 1. Wt., 2 oz. **21¢**

Special-Priced Portable Recorders, Tape Deck

NEW 7"-Reel Portable Recorder

Records and Plays **\$79⁹⁵** \$5
Up to 6¼ Hours monthly

- 2 Speeds • Fast Forward • Digital Tape Counter
- Has High and Low-Level Input and Output Jacks
- Record-Level Indicator • Big-Tone 8x3½" Speaker

A versatile new recorder that combines deluxe AC-powered recorder features, with convenient portability. Records and plays back up to 6¼ hours (both tracks) on one 3600-ft. reel of tape at 3¾ ips (also operates at 7½-ips). Has pushbutton speed selector and fast forward controls. Safety interlock prevents accidental erasure of tapes. Can record from mike, or radio-phonograph-TV. Plays back through big 8x3½" speaker, or external speaker, earphone, etc. Has provision for use as P.A. system. Other big-recorder features: tone control, digital tape counter for cuing and editing, record-level indicator, and AC pilot light. All-steel vinyl-coated case in gray with aluminum and chromed hardware. 6x14x14". With dynamic mike, 7" reel of tape, take-up reel, earphone, roll of splicing tape and 2 patch cords. For 110-120 volts, 60 cycle AC. From Japan. Shpg. wt., 25 lbs. Shipped express. Order today!

79 RU 995-R. \$5 Monthly. 79.95



Low-Cost 3-Speed Portable with Deluxe "Big Recorder" Features

- Records up to 8 Hours on 2400" Reel
- Automatic Tape Lifters • 6x4" Speaker
- Digital Tape Counter • Fast Forward
- Record-Level Indicator • Pushbuttons

\$99⁹⁵
\$5 monthly

Combines convenient and easy portability with larger-recorder performance . . . at a very low price. 2-track operation provides up to 8 hours of recording and playback time per 7" reel. Positive-action pushbutton controls instantly select rewind, stop, fast forward, play and record functions. Wide-range 6x4" speaker delivers rich, natural tone. Safety button eliminates chance of accidental erasure. Additional "big-recorder" features: automatic tape lifters to eliminate tape-head wear during fast forward and rewind; "magic eyes" record-level indicator; handy digital tape counter for easy cuing and editing; input jacks for mike and for taping special material you want to preserve from radio, TV and phono. Speeds: 7½, 3¾, and 1½ ips. Frequency response: 70-10,000 cps at 7½ ips. Sturdy wood framed luggage-type case is styled in eye-appealing beige tones. Supplied complete with dynamic microphone, 7" take-up reel, roll of splicing tape, earphone for monitoring and private-listening, patch cords. 13x13¾x6½". For 110-120 volts, 60 cycle AC. From Japan. Shpg. wt., 24 lbs. Shipped express.

79 RU 910-R. \$5 Monthly. 99.95

Reduced! - Save \$60.00



EICO

Save
\$60.07
Stereo 2400K
Tape Deck
Kit
\$139⁸⁸
During This Sale

Was \$199.95 in Catalog 230

2-Speed Stereo Tape Deck Kit

- 3-Motor Tape Transport With Electrodynamic Braking
- Makes 4-Track Stereo and Monaural Recordings
- Easy To Assemble and Easy To Operate

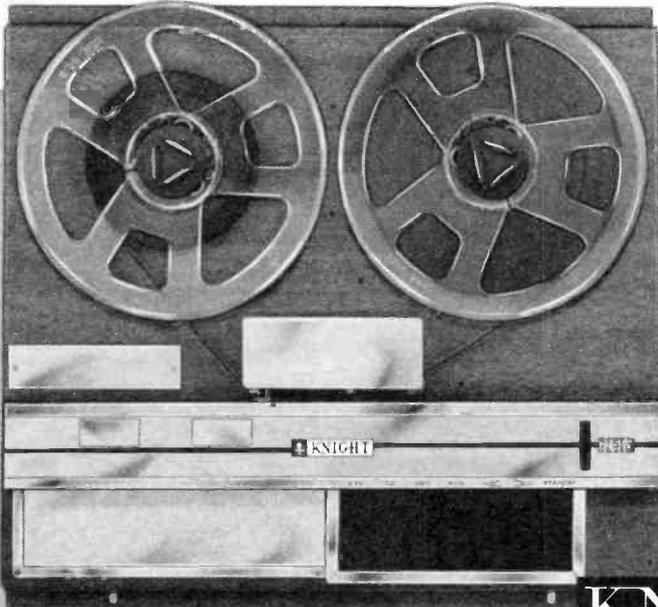
Save now on this compact, easily assembled 4-track and mono recorder/player. Features a 3-motor tape transport with DC electro-dynamic braking. Provides 4-track stereo and mono record; 4-track stereo, 2 and 4-track mono playback and 4-track erase. Features Transport Mode Selector (Standby, Fast Wind for forward and rewind, Play, Record); 2 electron ray tube level indicators; 2 line-level controls; top-of-deck, jam-proof speed-shift; full record/playback equalization on both speeds; mixing mic; automatic end-of-tape stop switch and digital counter. Response: (±3 db): 30-17,000 cps at 7½ ips; 30-12,000 cps at 3¾ ips. Wow and Flutter: 0.2% at 7½ ips; 0.3% at 3¾ ips. Takes 7" reels. With case, finished in ciled walnut. Size, 12¾x12x6½". For 110-120 v., 60 cycle AC. 40 lbs.

79 RU 964-R. \$7 Monthly. 139.88



KNIGHT

Custom Transport and Preamp



NEW MODEL KN-4000A . . . NOW IMPROVED TO BRING YOU MORE PROFESSIONAL FEATURES, MORE VALUE!

KN
4000A



3 Precision Motors



7 Pushbutton Keys



3 Separate Heads

NEW! Deluxe Stereo Tape Record/Play Transport

Fine & Functionally
Styled Stereo Hi-Fi
Transport Available at
This Feature-Value
Low Price!

\$129⁹⁵

\$7 monthly

Simply connect the KN-4000A to your music system for dazzling reproduction of pre-recorded stereo hi-fi tapes. You can even add complete recording facilities—whenever you like—by using the matching KN-4003 preamp, described below. Just remove specially designed cover plate on transport and install preamp module to record and play 4-track stereo or monophonic tapes—plus all sorts of thrilling special effects, "echos," sound-on-sound, etc.

All parts are readily accessible—no belts, pulleys or levers—entire unit is engineered for simplest installation, operation and maintenance. 3 heavy-duty, high-torque motors and "piano-key" selectors provide precise and easy control of all tape functions. 3 separate heads for erase, record, and playback provide maximum versatility and direct tape monitoring. Also features DC dynamic braking for instant, but gentle stops; digital counter; automatic shut-off when tape runs out. 7 "piano key" controls: Tape Speed (7½ and 3¾ ips); Off-On; Run; Fast Forward; Reverse; Standby. Response: ±3 db, 40-17,000 cps at 7½ ips. Flutter/Wow: 0.2% at 7½ ips. Signal/Noise Ratio: 50 db. Desert beige, sand gold. With 2 cables, takeup reel. 13½x15¼x7". For 110-120 v., 60 cycle AC. Shpg. wt., 20 lbs.

79 R 899-R..... 129.95

79 RU 859-R. Carrying Case. For KN-4000A and KN-4003. For portable recording. Room for accessories. 17x16½x11½". 18 lbs..... 29.95

Solid-State Stereo Tape Record/Play Modular Preamp

Unique new record and play preamp design brings you an ultra-compact, transistorized module that matches the professional performance of the KN-4000A, above. Together they offer everything you need to record and play 4-track stereo and monophonic tapes of incomparable fidelity.

Separate record and play controls for each channel and twin, illuminated VU meters provide you with accurate recording level facilities. Special audio effects are easy to make—just a flip of a switch lets you record sound-on-sound or with echo. Monitor switch permits direct tape-listening. Jack accepts magnetic-type stereo headphones.

Frequency Response: ±3 db, 40 to 17,000 cps at 7½ ips; ±3 db, 40 to 13,000 cps at 3¾ ips speeds.

Signal-to-Noise Ratio: 50 db below record level. Inputs for dynamic type microphones, high-level sources (phono-tuner); amplifier output and headphone jack. Styled to match the KN-4000A transport 5¼x12½x6¾". With connector cable and mounting hardware. For 110-125 v., 60 cycle AC. Wt., 5 lbs.

79 RX 895-R..... 119.95

- Custom-Engineered to Mount in Control Panel of KN-4000A
- Two Illuminated VU Meters

NEW!

KN
4003

\$119⁹⁵

\$6 monthly

SPECIAL OFFER!

Save \$1.44

Now only

\$9⁹⁵

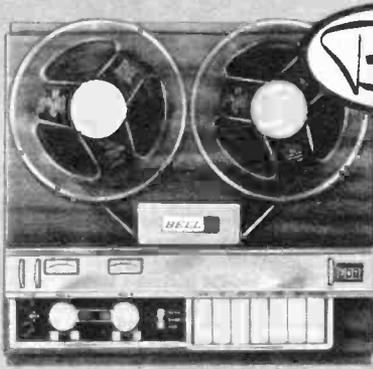


Knight Plus-Play Tape and Carrying Case Combination

A terrific combination offer—five 7", 1800-ft. reels of KN-20 Plus-Play polyester tape (total of 9000 ft.), plus a sturdy, brown and white, hinged-top carrying case—all for only \$9.95. Case regularly sells for \$1.49; tape for \$9.90—save \$1.44 on the combination. KN-20 1-mil tape gives you 50% more playing time than standard 1½-mil tapes. Tough polyester base resists breakage, stretching, heat and humidity. And, it's lubricated for reduced head-wear. Tapes guaranteed splice-free. Shpg. wt., 6½ lbs.

80 R 962-R. Combination..... 9.95

Prices Slashed on Stereo Decks and Recorder



Bell

Model T-347 Stereo Tape Deck
Was \$299.95

Save **\$50.00** **\$249.95** \$13 monthly

Professional-quality at a low price! Records and plays 4-track stereo or monophonic tapes into any hi-fi music system. Separate record and playback preamps and 3 separate heads permit "Duo-Sound," echo, sound-on-sound, direct monitoring. Keyboard controls select 3¾ or 7½ ips speeds and other modes. 3 heavy-duty, 4-pole motors; positive-action electro-dynamic braking; automatic shutoff; counter; headphone jack; dual VU meters. Response: ±3 db, 40-17,000 cps at 7½ ips. Flutter/Wow: below 0.2%, at 7½ ips. Takes up to 7" reels. Wood-grained and chrome. 15¼x13½x7". Less mike. For 110-120 v., 60 cycle AC. 29 lbs.

79 RU 497-R. 249.95



Model RT-360 Stereo Tape Recorder with Tape Duplication Feature

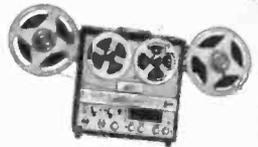
Now you can enjoy recording-studio facilities in a home recorder! Make 4-track hi-fi stereo and monophonic recordings at 3¾ and 7½ ips. Records sound-on-sound tapes, too. Add echo effect with built-in control that puts in any amount of reverberation you desire. And, that's not all—the RT-360 (with accessory motors below) copies previously recorded tapes—without extra taping equipment! Includes all the deluxe features of Model T-347, described at left. Case contains detachable twin speaker systems that can be separated for best stereo effect. Response: ±3 db, 40-16,000 cps at 7½ ips. Flutter and Wow: less than 0.2% at 7½ ips. Size 16x16x11½". Less mike, optional motors. For 110-120 v., 60 cycle AC. Shpg. wt., 51 lbs.

79 RU 968-R. \$17 Monthly. 349.95

79 RU 969-R. Set of 2 Accessory Motors. Less reels. Shpg. wt., 9 lbs. 49.95

DISCOUNT PRICED

Recorder Alone **\$349.95** Accessory Tape Duplication Motors **\$49.95**



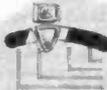
Accessory Motors—Take Large 10½" Reels—for Extended Playback, Recording, Tape Duplicating



KN-4400 Stereo Deck Price Cut!

Save **\$30.07** Was **\$179.95** **\$149.88** \$8 monthly

Precision VU Meters for Accurate Level Settings



Convenient Single Slider-Type Lever, Instantly Selects Any Function



Handy Digital-Type Index Counter for Cueing and Editing

You can't match this quality at our low price—anywhere! We can offer you the KN-4400 at this special price only while present stocks last. Authoritative High Fidelity magazine considers this deck a bargain at \$179.95, and now you get it for \$30.07 less! Surprisingly compact—13x13x6¼"—yet contains complete 4-track stereo and mono facilities. Can be custom mounted vertically or horizontally. Boasts deluxe laminated 4-track record/play head and a double-gap erase head. Built-in stereo record/play preamplifier is easily connected to your music system. Single-lever selects fast-rewind, stop, play, or fast-forward functions. A touch of a button selects either of 2 speeds: 7½ or 3¾ ips. Response: ±3 db, 40-17,000 cps at 7½ ips. Flutter and Wow: less than 0.2%. Signal-to-Noise Ratio: more than 40 db. Takes up to 7" reels. Requires 12½" square cutout. For 110-125 v., 60 cycle AC. Shpg. wt., 31 lbs.

79 RU 882-R. Order Now—Supplies Limited. 149.88

79 RU 871-R. Carrying Case. Converts your KN-4400 deck into a portable. Ample space for storing mikes, reels and accessories. Scuff-proof cover. Size, 16x14x8". Shpg. wt., 18 lbs. **19.95**



Get in on These Bargains—Use Your Allied Credit Fund

Enjoy Exciting Stereo Sound from Radio



4-Speed Stereo Record Changer,
Stereo FM plus Standard FM
and AM Reception

Stereo Hi-Fi Entertainment Center

- ✓ Two 8" Bass and Two 4" Wide-Range Speakers
- ✓ Separate Volume and Tone Controls per Channel
- ✓ Stereo-FM Indicator Light
- ✓ Four-Speed Record Changer Intermixes Record Sizes
- ✓ AFC Circuit for Drift-Free FM Reception

Allied's Price

\$169⁹⁵

\$9 monthly

New! 4-Speaker Console with Stereo FM and 4-Speed Stereo Record Changer

Luxurious cabinetry . . . stereo radio-phonograph . . . all at a surprising low price. Console's radio delivers the thrilling sound of stereo FM music, the bright clarity of standard FM, and the popular programming of standard AM broadcasting. Static-free FM is kept locked-in by AFC circuit—no drift. Stereo Indicator Light removes the guesswork from tuning for stereocasts—it flashes on immediately to identify a stereo broadcast. Large slide-rule dial and vernier tuning pinpoint stations quickly and easily. Automatic 4-speed stereo record changer intermixes any size record of the same speed, handling them with care. Can play up to six 12" records; shuts off automatically after last record has played, and shifts to neutral position. Has

turnover ceramic cartridge with diamond needle for LP records; sapphire for 78's. Wide-range speakers (at each end of the cabinet for effective channel separation) ensure satisfying sound. Two 8" bass speakers deliver full low notes; two 4" treble speakers offer good highs. Stereo amplifier has dual volume and tone control, plus a channel balance control allowing you to adjust sound quality to your taste and the specific acoustical conditions of any room. Automatic 45-rpm spindle included. In mahogany or walnut—specify choice. 28x42x15½" deep. U.L. Listed. For 110-120 volts, 60 cycle AC. 50 lbs. Shipped express from Rochester, Minnesota.

D24 RZ 580C-R. No C.O.D. Orders. \$9 Monthly. 169.95

Solid-State Stereo Phono with Convenient "Tilt-Down" Design

- No Tubes to Warm Up . . . Plays Instantly
- Dual Volume Controls • 2—6" Speakers
- Separate Bass and Treble Controls

For convenience, quality and price this stereo phono is a first-class value. Solid-state amplifier operates with very low power consumption and almost no component-damaging heat—ensures lasting dependability and excellent tonal quality. No "warm-up" time—amplifier operates instantly.

Smooth-functioning 4-speed record changer gently intermixes all-size records of the same speed, and shuts itself off automatically after last record plays. Floating base provides added protection to your records. Ceramic stereo flip-over cartridge has two sapphire needles. Separate volume controls for each channel, and separate bass and treble controls for tonal adjustment. Two 6", wide-range speakers deliver music with impressive stereo realism. Enclosures can be as far as 16 feet from each other.

Slim-line wood case in cool, metallic-blue leatherette—washable and scuff-resistant. 15½x28½x8" deep. U.L. Listed. For 110-120 v., 60 cycle AC. Shpg. wt., 34 lbs. Shipped express.

24 RU 529-R. \$5 Monthly. 79.95
24 SC 148-R. Spindle. For automatic play of 45-rpm records. 10 oz. 1.89



Solid-State
\$79⁹⁵
\$5 monthly

Speakers
Separate
up to
16 Feet



and Recordings at Low Allied Prices

LIMITED
QUANTITY



Save
\$27.40

Was \$169.95
in Catalog 230
without Legs

NOW
Includes Legs

With Legs
\$149⁵⁰
\$8 monthly

Our Best Portable Stereo Phono With Stereo FM/FM-AM

- Two 8" Bass and Two 4" Treble Speakers
- Floating-Head Cartridge Protects Records
- Diamond Needle • With Satin-Chrome Legs

Formerly sold for \$169.95 *without* legs . . . now reduced to \$149.50 *including* legs! Provides excellent stereo sound from records and multiplex FM. You also get standard FM, plus all the popular AM stations. Each detachable enclosure houses an 8" bass and 4" treble speaker, and has a 12-ft. cable, permitting a spread of up to 24 ft. of channel separation. 4-speed record changer smoothly intermixes all-size records of the same speed, and shuts off automatically after last one plays. Handles records gently. Floating-head cartridge protects records from scratches, and damage caused by sudden jolts—even when the arm is dropped on a record! Diamond needle for LP's and sapphire for 78's. Cabinet in midnight and capri grays. 10 1/4 x 22 1/2 x 25 1/2" deep. With automatic 45-rpm spindle and smart, satin-chrome legs. U.L. Listed. For 110-120 v., 60 cycle AC. Shpg. wt., 63 lbs. Shipped express. **23 RZ 044-R. \$8 Monthly. 149.50**



Solid-State Stereo Phono with 4 Wide-Range Speakers

NEW!
\$89⁹⁵
\$5 monthly

Enjoy clean solid-state (transistor) stereo sound through two 6" bass speakers with whizzer cones, and two 4" treble speakers. One set of speakers is in remote enclosure with 12-ft. of cable. 4-speed changer plays six records automatically, intermixes records of the same speed, and turns itself off. Cartridge has diamond LP needle, and sapphire for 78's. Treble and balance controls. Mounts on wall (brackets included) or can be placed on optional pedestal, below. With 45-rpm spindle. Cabinet, 14 1/2 x 30 1/2 x 9"; remote, 13 1/2 x 6 3/4 x 7 3/4". U.L. Listed. For 110-120 v., 60 cycle AC. 39 lbs.

24 RU 534-R. Shipped express. **\$5 Monthly. 89.95**

24 RX 531-R. Pedestal Stand. Enhances appearance of phono. Finished in chrome and black. 15 1/2" high. Shpg. wt., 5 lbs.. **8.95**

24 RX 536-R. Record Rack. Holds 36 LP's. Attaches to pedestal, above. Easy record identification. (Not illus.) 5 lbs.. **8.95**



NEW! Lowest Cost Portable Stereo Phono

\$49⁹⁵ \$5 monthly • Excellent for Teen Aged
• Two 4" Wide-Range Speakers

Now you can enjoy good stereo at a really economical price. Value-packed phono is low in cost, but high in quality—just the thing for teen-age music sessions. Compact and lightweight for easy carrying. Has a 4-speed changer that plays up to six records automatically, and intermixes any size of the same speed. Even shuts itself off automatically after the last record plays. Turnover stereo cartridge contains two sapphire needles. One wide-range 4" speaker is located in the cabinet; the other is in a remote enclosure with 10-ft. cable for adequate channel separation. Covered with scuff and water-resistant fabric in tan and gray. Main cabinet, 7 3/4 x 17 3/4 x 13 3/4". Remote, 6 3/8 x 8 1/4 x 2 7/8". Less automatic 45-rpm spindle, below. U.L. Listed. For 110-120 v., 60 cycle AC. Shpg. wt., 26 lbs.

24 RU 532-R. Shipped express. **\$5 Monthly. 49.95**

24 SC 149-R. 45-rpm Automatic Spindle. 10 oz. **1.89**

Selected Values in Musical Instruments

\$37⁹⁵
\$5 monthly

Classic Flat-Top Guitar

Join the music-making trend that's sweeping the country! Play ballads, flamenco, folk and western tunes with ease and beauty. True classic design guitar features traditional wide, easy-to-play fingerboard and slotted head. Thin, close-grain spruce top and extra-strong maple body aid in producing full, resonant tones. Machine type pegs keep guitar in tune. Nylon strings. Natural white top with dark stained back, sides and neck. With instruction book and pick. 36 $\frac{3}{4}$ x14". Wt., 11 lbs. \$5 Monthly.

24 RU 715-R.....37.95

\$19⁹⁵
\$5 monthly

Arched Acoustical Guitar

You'll enjoy every single note you play on this handsome instrument, and it's so economically priced too! Tone is big and bright. Body is expertly crafted from selected, crack-proof maple. Slender neck makes finger positioning easy—you learn fast! Attractive red-brown finish with sunbursts. Adjustable bridge. Supplied with playing instructions and pick. Size, 41 $\frac{1}{4}$ x15 $\frac{1}{2}$ ". Shpg. wt., 10 lbs. \$5 Monthly.

24 RU 713-R.....19.95

\$14⁹⁵

Flat-Top Acoustical Guitar

Get in on the guitar-playing fun at an amazingly low price with this standard 14-fret model. Attractive shaded-brown finish with sunbursts on top and back. Laminated crack-proof construction; white-striped edges and soundhole; bright metal tailpiece. Thin neck is easy to finger. With instructions and pick. 38 $\frac{1}{2}$ x13 $\frac{1}{2}$ ". Wt. 10 lbs.

24 RU 711-R.....14.95

Lively 5-String Banjo Bargain

\$39⁹⁵
\$5 monthly

- Crackproof Resonator
- Adjustable Tension
- Maple Shell and Neck
- Very Easy to Play

Sparkling tone plus good looks—just the instrument for hootenanny fun! Easy to learn, fun to play. Crackproof maple resonator may be removed for quieter effect. Has celluloid-bound edge; hardrock maple shell and neck. Beautiful shaded-brown finish with golden highlights on resonator. Has 16 nickel-plated tension brackets for proper total quality; plastic head; no-slip machine-type tuning pegs. With tension adjusting wrench, instructions, pick. 10 lbs. \$5 Monthly.

24 RX 726-R.....39.95



\$99⁹⁵
\$5 monthly

Guitar/Speaker-Amplifier Outfit

Moderately Priced Outfit Featuring an Expertly Made Triple-Pickup Guitar and a 4-Watt Speaker-Amplifier

A terrific combination at a low price—handsome triple-pickup guitar and 4-watt transistorized speaker-amplifier.

Guitar. Laminated maple hollow body. Reinforced neck. Maple fingerboard; 6 inlaid markers. Separate tone/volume controls for each pickup. 39x13 $\frac{1}{2}$ x1 $\frac{3}{4}$ ". Dark brown. Sunburst. Instructions, song book, picks, cord. Less case, below.

Speaker-Amplifier. (Also sold on facing page—see 24 RU 773-R.) 3 inputs for treble, normal and bass. Tone control with AC switch; plus volume control. Wide-range 8" speaker. 13 $\frac{1}{8}$ x16 $\frac{3}{4}$ x7". 29 lbs.

23 RU 029-2R. Guitar & Amplifier, Express...99.95

24 RU 718-R. Guitar Case. Shpg. wt., 9 lbs.....5.95



Hand-Crafted **\$39⁹⁵**
Concertina \$5 monthly



\$12⁹⁵

Seth-Thomas
Metronome

CONCERTINA: Now you can be the life of the party! Large octagon concertina features exquisite hand-carved ends. Finished in red pearl. Has 16 bellow folds with 3 central frames—produces full, rich sound. Genuine leather hand-straps are adjustable, providing a firm, comfortable grip. Has 36 buttons, 2 sets of 72 reeds. 8 $\frac{1}{2}$ " deep, 9 $\frac{1}{4}$ " wide; expands to 24". With playing instructions to help you learn fast! From Italy. Shpg. wt., 5 lbs.

24 RX 781-R. \$5 Monthly.....39.95

METRONOME. "Must" for serious music or dancing students—gives audible and visible time beats for precise timing. Adjustable pendulum lets you select tempo from 40 to 208 beats per minute. Hardwood case has walnut finish. 8 $\frac{5}{8}$ x4 $\frac{1}{2}$ " sq. 4 $\frac{1}{2}$ lbs.

24 RX 782-R.....12.95

**COMPONENT
SAVINGS!
SYSTEM
SAVINGS!**

**NEW LOW PRICES ON
FAMOUS-NAME HI-FI
SYSTEMS AND COMPONENTS**

**REMEMBER... BIG DISCOUNTS AT ALLIED
ON ANY OF THESE FAMOUS BRANDS...**

BOGEN See Catalog 230, Page 160
(All Products 20%)

ELECTRO-VOICE 182-185
(All Products 20%)

FISHER 139-141
(All Products 15% Except 10%
on Kits and "KS" Speakers)

HARMAN-KARDON 148-150
(All Products 20% except Kits and "Citation")

JENSEN See Catalog 230, Page 186-189
(All Products 20%)

SCOTT See note below 142-144
(All Products 15% except Kits and "4000" Series)

UNIVERSITY 190-192
(All Products 20%)

WHARFEDALE 195
(All Products 20%)

**SEE OUR 1964 CATALOG NO. 230
FOR COMPLETE LISTINGS OF STEREO HI-FI COMPONENTS**

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Receiver or Amplifier _____ Manufacturer _____ Model _____	<input type="checkbox"/> Wood Case with _____ finish	<input type="checkbox"/> Metal Case <input type="checkbox"/> No Case
Tuner _____ Manufacturer _____ Model _____	<input type="checkbox"/> Wood Case with _____ finish	<input type="checkbox"/> Metal Case <input type="checkbox"/> No Case
Changer or Turntable _____ Manufacturer _____ Model _____	<input type="checkbox"/> Base with _____ finish <input type="checkbox"/> Mounting Board	<input type="checkbox"/> No Base or Mounting Board
Cartridge _____ Manufacturer _____ Model _____	Turntable Arm (If Applicable) _____ Manufacturer _____ Model _____	
Speaker _____ Manufacturer _____ Model _____	(If in Enclosure, _____ finish)	
Other Items, If Any (Enclosures, etc.) _____		

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SPECIAL SYSTEM
PRICE QUOTATION**

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ADDRESS _____
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FISHER 60-WATT STEREO SYSTEM

With 400 Receiver At Gigantic Savings!



**YOU GET A
COMPLETE SYSTEM
FOR THE
CATALOG 230 PRICE
OF THE 400 ALONE**

Fisher Model 400 60-Watt Stereo
FM Receiver with wood cabinet



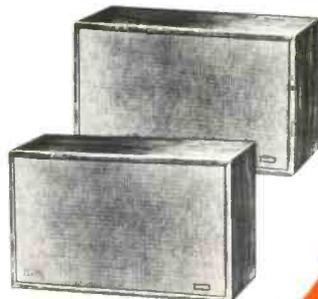
Complete System

\$329⁵⁰

With
Case

\$16 monthly

Garrard AT-6, 4-Speed
Automatic Turntable with
Walnut Base and ADC-3
Stereo Cartridge with
Diamond Needle



2-Knight
3-Way KN-3009's

Spectacular Savings on a Superb Allied-Matched Stereo System

Now Save \$200.75

MODEL 400 SPECIFICATIONS

FM SECTION

Usable FM Sensitivity: 1.8 uv IHF at 100% modulation.

Selectivity: 60 db.

Capture Ratio: 2.5 db IHF.

Signal-to-Noise Ratio: better than 70 db at 100% modulation.

Harmonic Distortion: less than 0.5%.

Stereo Separation: 35 db.

AMPLIFIER SECTION

IHF Music Power Output: 60 watts; 30 watts per channel. 50 watts sine-wave power.

Harmonic Distortion: 0.5% at 60 watts.

Frequency Response: ± 1 db, 25-25,000 cps overall.

Hum and Noise: 80 db below rated output, high-level input.

Channel Separation: 50 db.

Outputs: 4, 8, 16 ohms; recording; and center channel.

- Combination Stereo FM Tuner and 60-Watt Stereo Amplifier
- "Stereo Beam" Indicates Stereo Broadcasts

- Highly Sensitive Drift-Free FM
- Tape Monitoring Facilities
- Convenient Front-Panel Stereo Headphone Jack

Components Purchased Separately in Catalog 230 Would Cost Up to \$530.25. Now you can own a deluxe stereo music system for the regular catalog price of the famous Fisher 400 Receiver alone! Entire system includes: Fisher 400 60-Watt Stereo FM Multiplex Receiver with Walnut Cabinet; Garrard AT-6 4-Speed, Automatic Turntable with Walnut Base; High-Compliance ADC-3 Stereo Cartridge with .0007" Diamond Needle; Two Knight KN-3009 Three-Way Speaker Systems in Oiled Walnut Enclosures; plus all cables, plugs, and operating instructions. Everything is included to just plug-in and play!

The Fisher 400 combines sensitive FM tuner, time-division multiplex circuit, and 60-watt stereo amplifier with full array of controls and inputs for music reproduction of breathtaking realism. FM section has triple-tuned front end with 3 wideband IF stages and 2 limiter stages. Multiplex section has "stereo beam" indicator and a filter to eliminate background noise. Amplifier uses heavy-duty output transformers for powerful bass.

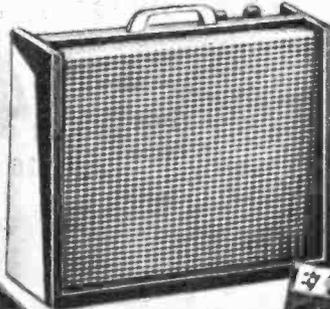
The AT-6 shuts-off automatically after last record has played. Has counter-weighted arm with built-in pressure gauge. The ADC-3 cartridge is famous for its excellent response and channel separation. KN-3009 speaker systems utilize a 10" woofer with mid-range propagator, and 3½" tweeter in a tuned ducted-port enclosure. Oiled walnut enclosures, 12x20x8¼"—compact size "fit in" anywhere. Shpg. wt., 104 lbs. Shipped express.

21 HF 367-R. Order Now—At this Price They'll Go Fast! 329.50

ORDER YOUR 400 STEREO SYSTEM NOW—SAVE \$200.75

Catalog 230 Prices Sharply Reduced!

Perfect for the Beginning Musician . . .
Our Lowest-Priced Guitar Combination!



Complete
\$79⁹⁵
\$5 monthly
Save \$4.95



Economy Guitar/Speaker-Amplifier Outfit

Truly a wonderfully low price for this easy-to-play, single-pickup guitar and a matching 4-watt transistorized speaker-amplifier.

Guitar. Eye-appealing and beautifully proportioned! Combines the pure, brilliant tone of the electric with the rich undertones of the acoustical guitar. Has tone and volume controls. Lightweight, hollow body is of laminated, crackproof maple. Slim neck is steel-reinforced to prevent warping. Hard maple fingerboard has six large, hand-inlaid markers and professional frets. Extra-wide white celluloid bindings. Also has: nickel-plated trapeze tailpiece, top-quality strings, powerful magnetic pickup, and chrome-plated guard-plate. Lustrous dark brown finish with sunbursts. 39x13½x1¾". With instructions, pick, neck cord. Less case, below.

Speaker-Amplifier. (Also sold below—see 24 RU 773-R.) 3 inputs for treble, normal and bass. Tone control with AC switch; plus volume control. Wide-range 8" speaker. Size, 13¾x16¾x7". Shpg. wt., 26 lbs.
23 RU 045-2R. Guitar & Amplifier. Shipped express **79.95**
24 RU 718-R. Guitar Case. Shpg. wt. 13 lbs. **5.95**

Deluxe Dual-Pickup Guitar

\$159.95 IN OUR CATALOG 230

- Professional, Double-Cutaway Model
- Separate Controls for Each Pickup
- Popular Vibrato Tailpiece
- Elegantly Styled in Curly Maple

Top, back and sides are of select laminated curly maple. Adjustable steel-reinforced hard maple neck. Oval rosewood fingerboard with genuine pearl markers, nickel-silver frets and celluloid binding. Pickups have adjustable posts, separate controls, selector switch. Hand-rubbed cremona-brown; golden sunburst. Song book, pick. 41x15½x2". Less case, 17 lbs.

24 RU 725-R. **149.50**
24 RX 729-R Case, 10 lbs. **30.00**



Save
\$10.45
\$149⁵⁰
\$8 monthly

Deluxe 35-Watt All-Transistor Speaker-Amplifier

Built to Please the Discriminating Musician

PRICED AT \$169.50 IN OUR CATALOG 230

A top-notch speaker-amplifier combination designed for truer, cleaner music! Powerful transistorized circuit requires no warm-up—no standby switch needed. Big 12" speaker has wide response. Dual channel, each with independent controls and 3 pairs of instrument inputs. Removable chassis operates up to 25' away. 7 controls. 11 transistors, 8 diodes. Foot switch for vibrato; 10½" legs. 20x24x12". For 110-120 v., 60 cycle AC. Shpg. wt., 50 lbs. Shipped express only.

24 RZ 774-R. \$8 Monthly **149.50**
24 RZ 775-R. Same as above, but less legs. Non-removable chassis. \$7 Monthly. Shipped express. **129.50**

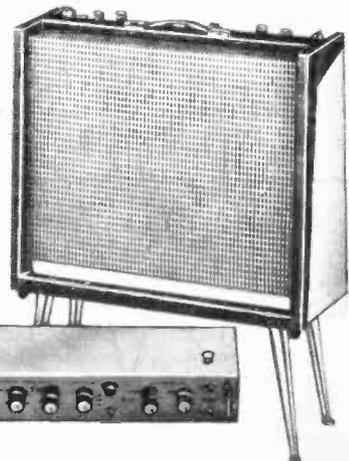
24 RU 772-R. 15 watts. 8 transistors. 2-channel. 15" speaker. 7 controls. 4 inputs. Foot switch. Less legs. Size, 17½x20x9½". Shpg. wt., 30 lbs. \$5 Monthly. **99.50**

24 RU 776-R. 10 watts. 7 transistors. 10" speaker. 4 controls. 4 inputs. Less legs. 17½x20x9½". Shpg. wt. 26 lbs. \$5 Monthly. **69.95**

24 RU 778-R. 5 watts. 7 transistors. 8" speaker. 4 controls. 3 inputs. Less legs. 13¾x16¾x7". Shpg. wt. 14 lbs. \$5 Monthly. **49.95**

24 RU 773-R. 4 watts. 4 transistors. 8" speaker. 2 controls. 3 inputs. Less legs. 13¾x16¾x7". Shpg. wt. 12 lbs. \$5 Monthly. **39.95**

Save
\$20.00
\$149⁵⁰
\$8 monthly



Removable Chassis

Buy Your Musical Instruments on Our Credit Fund Plan

ALLIED SPECIAL PURCHASE

Brings You Giant Savings on Famous
H. H. Scott 80-Watt Amplifier

Save

\$80.00

QUANTITIES LIMITED

Was
\$229.95

Special
Sale
Price

\$149⁹⁵

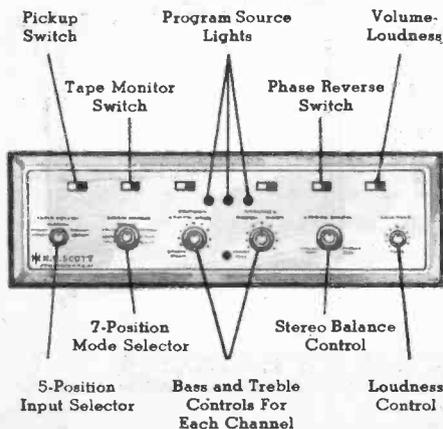
\$8 monthly



299-C GIVES YOU THESE FAMOUS SCOTT FEATURES

- ✓ Powerful 40-Watt Per Channel Output (IHF)
- ✓ Massive, Low-Distortion Output Transformers
- ✓ Non-Magnetic Electrolytic Aluminum Chassis
- ✓ Subsonic Sharp-Cutoff Filter Below 20 cps
- ✓ Exclusive Left/Right Level Balancing System

TOTAL COMMAND CONTROL PANEL



Scott 299-C 80-Watt Stereo Amplifier

Audio excellence at a budget price! Thanks to Allied's special purchase, you now save \$80.00 on this magnificent stereo amplifier. A favorite with hi-fi enthusiasts everywhere, the 299-C has everything necessary to provide unexcelled listening enjoyment for even the most critical music lover. Utilizes massive output transformers that assure low-distortion reproduction of even the lowest audio frequencies. Non-magnetic electrolytic aluminum chassis rapidly dissipates heat, also reduces hum to a virtually inaudible level.

Filter (below 20 cps) prevents power waste due to subaudible rumble, off-center records or acoustic feedback. For recordists, complete tape recorder facilities: tape-monitor switch allows you to check on quality of recording as it is being made, recorder output, playback input with monitor provision, and NAB compensation for direct connection of playback heads without external preamp. Circuit has DC filament supply for preamp to virtually eliminate hum and noise.

Commanding array of front-panel facilities and controls includes: Magnetic Input Pickup Switch; Tape Monitor Switch; Rumble Filter Switch; Scratch Filter Switch; Phase Reverse Switch; Volume/Loudness Switch; 5-Position Input Selector (Eur 78, NAB Tape, Ortho RIAA, Tuner, Extra); 7-Position Mode Selector (Balance A, Balance B, Stereo, Stereo Reverse, Mono, Channel A; Channel B); Channel A Treble/Bass Control; Channel B Treble/Bass Control, Balance; Loudness On-Off Control. 4 $\frac{5}{8}$ x15 $\frac{1}{4}$ x12 $\frac{1}{2}$ ". Less cases, below. For 105-125 v., 50-60 cycle AC. Shpg. wt., 30 lbs.

72 SU 026-R 149.95

Cases for Scott 299-C—Also at Reduced Prices!

72 SX 001-R. Metal Case. 5 lbs. Was \$13.95. **11.85**
72 SX 002-R. Wood Case. Oiled walnut or mahogany—specify finish. Shpg. wt., 6 lbs. Was \$24.50. **20.82**

SPECIFICATIONS

Power Output: 80 watts IHF, 40 watts per channel; 32 watts per channel continuous sine wave. Frequency Response: ± 1 db, 20,200,000 cps. Harmonic Distortion: 0.8%. IM Distortion: 0.5%. Input Sensitivity: 3 microvolts on magnetic phono or tape head inputs. Hum and Noise: -80 db.

X-100 Stereo Amplifier Price Cut



Fisher Model X-100
36-Watt Stereo Amplifier

Save **\$60.00**
\$99.50 less case
 \$5 monthly

- Originally Sold for \$159.50
- Stereo Inputs for Every Music Source
- Separate Bass and Treble Tone Controls
- Balance Control for Optimum Stereo
- Full Tape Recording Facilities
- Scratch and Rumble Filters



Breathtaking low special-purchase price. Gives you 36 watts of flawless sound. Seven pairs of inputs accommodate every stereo music source. Full recording facilities include tape head and monitor inputs, independent recorder outputs. Has clutch-type bass and treble tone controls. balance control for perfect stereo. Also: scratch and rumble filters, hi-impedance center channel output, loudness control, equalization switch, lots more. Response: ± 1 db, 20-20,000 cps. Hum and Noise: -90 db. Output Impedance: 4, 8, 16 ohms. $4\frac{3}{16} \times 15\frac{1}{8} \times 11\frac{1}{8}$ ". Less case, below. For 110-120 v., 50-60 cycle AC. 25 lbs. Express.

- 72 SU 051-R. \$5 Monthly. 99.50
 72 SX 072-R. Metal Case. Simulated leather. 7 lbs. 13.56
 72 SX 074-R. Wood Case. Choice of mahogany or oiled walnut finish—specify finish. Shpg. wt., 6 lbs. 21.20

Super-Value Stereo System—Save \$116.54

Brings you the full spectrum of musical highs and lows in brilliant stereo high fidelity. Separate components originally cost \$271.04. System includes: Fisher X-100 36-Watt Stereo Amplifier; Garrard Autoslim/P 4-Speed Record Changer on Walnut Base; Pickering 371C Stereo Cartridge; Two Knight KN-3004 2-Way Oiled Walnut Speaker Systems. Plus all connecting cables. Fisher amplifier is described above. Autoslim/P has powerful shaded 4-pole motor, tubular pickup arm and separate automatic and manual controls. Pickering cartridge has long-lasting .0007" diamond needle. Knight speaker systems feature 8" woofer, 3 $\frac{1}{2}$ " tweeter for excellent reproduction. Amplifier less case. 71 lbs. Express.

21 HF 373-R. \$8 Monthly. 154.50

Economy Stereo System—Save \$120.35

For so little in price, you get so much in beautiful music from this extraordinary stereo system. Separate components originally cost \$304.85. System includes: Fisher X-100 36-Watt Stereo Amplifier; Knight KN-990 4-Speed Record Changer on Walnut Base; Choice of Shure M3D, Empire 880, ADC-3 or Pickering U38AT Stereo Cartridge; 2—Knight KN-3009 10" 3-Way Oiled Walnut Speaker Systems. Plus connecting cables. Fisher amplifier described above. Knight changer has 4-pole motor, over-size 11" platter, tubular pickup arm. Knight speakers have 10" woofer, midrange cone, 3" tweeter for wide response. Amplifier less case, above. 88 lbs. Express.

21 HF 360-R. Specify Cartridge. \$10 Monthly. 184.50

Deluxe Stereo System—Save \$122.80

Each delicate solo, each thundering orchestral passage is reproduced with spectacular stereo realism by this superb system. Separate components originally cost \$352.30. System includes: Fisher X-100 36-Watt Stereo Amplifier; Garrard Type "A" 4-Speed Automatic Turntable on Walnut Base; choice of Shure M3D, Empire 880, ADC-3, or Pickering U38AT Stereo Cartridge; Two Allied-Jensen 12" 3-Way Oiled Walnut Speaker Systems. Plus cables. Amplifier described above. Garrard "A" combines changer convenience, turntable performance. Wide-range speaker systems have 12" woofer, 4" mid-range, 4" tweeter. Amplifier less case. 106 lbs. Express.

21 HF 359-R. Specify Cartridge. \$12 Monthly. 229.50

Save Up to \$122.80 on Stereo Phono Systems

SUPER-VALUE SYSTEM

Save \$116.54
\$154.50 less X-100 case
 \$8 monthly

371C Cartridge
 KN-3004 Speaker Systems
 Autoslim/P on Base

ECONOMY STEREO SYSTEM

Save up to \$120.35

\$184.50 less X-100 case
 \$10 monthly

KN-3009 Speaker Systems
 M3D 880 ADC-3 U38AT
 Knight KN-990 Changer on Walnut Base

DELUXE STEREO SYSTEM

Save up to \$122.80
\$229.50 less X-100 case
 \$12 monthly

Allied-Jensen Speaker Systems
 M3D 880 ADC-3 U38AT
 Garrard "A" on Walnut Base

**NEW LOW
PRICE**

Shown In Optional
Wood Case

GIANT SAVINGS ON FISHER 400 STEREO MULTIPLEX FM RECEIVER

Save
\$92.50

Now Only **\$237⁰⁰**
less case

\$12 monthly

Was \$329.50
In Our 1964
Catalog 230



Check These Fine Features

- ✓ "Stereo Beam" Indicates Stereo Broadcast
- ✓ Sensitive Wideband FM Tuner Section
- ✓ Husky 60-Watt IHFM Stereo Output Power
- ✓ Stereo Headphone Jack and Speaker Switch
- ✓ Tape Monitor Input ✓ FM Stereo Filter

SPECIFICATIONS

FM SECTION

Sensitivity: 1.8 μ v IHFM.
Signal-to-Noise Ratio: over 70 db.
Selectivity: 60 db.
Harmonic Distortion: below 0.5%.
Stereo Separation: 35 db.

AMPLIFIER SECTION

Output Power: 60 watts IHFM, 30 watts per channel; 50 watts sine wave power.
Frequency Response: \pm 1 db, 25-25,000 cps.
Harmonic Distortion: 0.8%.
Hum and Noise: —80 db, hi-level inputs.
Channel Separation: 50 db.
Outputs: 4, 8, 16 ohms per channel; center channel; stereo recorder.

Fisher Model 400 60-Watt Stereo FM Receiver

Looking for superb performance and spectacular value? Get in on this tremendous high fidelity buy. Sold for \$329.50 in our 1964 Catalog 230—now get giant \$92.50 savings. Deluxe all-in-one unit combines a super-sensitive FM tuner with the latest stereo multiplex FM circuit and a stereo amplifier that delivers a full 60 watts of audio power.

Tuner section uses a newly developed, highly sensitive front-end. Employs three tuned circuits for greatly increased selectivity and rejection of unwanted signals. Tuning capacitor is completely enclosed for protection from dust. Time-division multiplex demodulator provides exceptional stereo separation and low distortion. Also utilizes three wideband IF stages with two limiter stages and linear ratio detector. "Stereo Beam" indicator lights whenever a stereo multiplex broadcast is received. Stereo filter eliminates background noise that prevails on weak multiplex signals. Accurate, bar-type tuning indicator helps you get precisely "on-station."

Amplifier section delivers a husky 60 watt IHFM stereo output for distortionless hi-fi sound with any speaker systems. Accommodates every conceivable stereo and monophonic program source. Dual clutch-type bass and treble controls let you adjust tone of each channel separately or both together. A single selector switch chooses all inputs and modes. Tape monitor switch lets you check recordings as they are being made. Scratch filter eliminates record noises. Front panel jack accepts stereo headphones; switch silences speakers for private listening. Heavy-duty output transformers have grain-oriented laminated steel cores for outstanding response. Also: center-channel output; tape recording output. Two AC convenience outlets. Handsome brass finish control panel. Size, 5 $\frac{3}{4}$ x17 $\frac{1}{2}$ x13". Less wood case, below. For operation from 105-125 v., 50-60 cycle AC. Shpg. wt., 34 lbs.

72 SU 548-R. \$12 Monthly.....237.00
72 SX 055C-R. Wood Case. Mahogany or Walnut—specify. 12 lbs.... 21.20

Bogen

Illustrated In
Optional Oiled
Walnut Case

Was \$314.95
In Our Big
Catalog 230



**Bogen RP-60 60-Watt
Stereo FM-AM Receiver**

Save \$63.00 **\$251.95** less case
\$13 monthly

Thrill to stereo multiplex FM, conventional FM, and excellent AM. Has full control facilities, accommodates every stereo or monophonic music source. FM section has built-in multiplex circuitry with indicator, wideband IF, tuning eye, 2.5 μ v. IHFM sensitivity. AM section has wideband IF, sensitive loopstick antenna. Amplifier section provides powerful bass and clear highs without distortion. Output Power: 30 watts per channel IHFM. Response: \pm 1 db, 20-20,000 cps.

Distortion: 0.6% at rated output. Hum and Noise: -65 db. Output Imp.: 4, 8, 16 ohms per channel. Inputs: Phono, Tape, Aux., Tape Monitor. 5 1/4 x 15 1/16 x 15". Less case, listed below. For 110-120 v., 60 cycle AC. Shpg. wt., 35 lbs.
72 SU 500-R. \$13 Monthly... 251.95
72 SX 502-R. Brown Metal Case. Shpg. wt., 9 lbs. 10.36
72 SX 503-R. Walnut Wood Case. Shpg. wt., 10 lbs. 22.36

**Big Savings
on Stereo
High Fidelity
Components**

by
BOGEN

**H. H. SCOTT
HARMAN-KARDON**

NEW

Save \$70.00 **\$389.95** less case
\$18 monthly

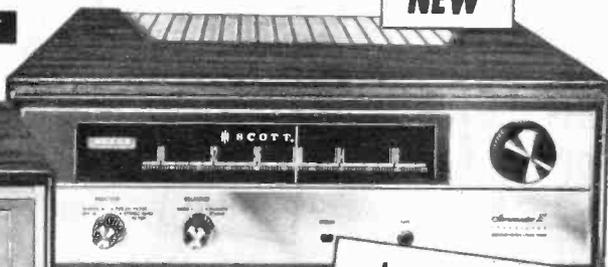
SCOTT

70-Watt Receiver
In Optional Case



Scott 380 70-Watt Stereo FM-AM Receiver

\$459.95 in Our Catalog 230. Latest 1964 model—at a new low price. Eye-catching style, packs a 35-watt per channel output plus a full complement of controls, inputs and outputs for every music source. Exclusive "Auto-Sensor" detects multiplex broadcasts, automatically switches tuner to stereo. Sensitive FM section has silver-plated front end, tuning meter, giant slide rule dial, planetary drive. Amplifier features full controls, headphone jack, derived-power center channel output. Push-pull on-off switch; phase switch. FM Sensitivity: 2.2 μ v IHFM. Response: \pm 1 db, 20-20,000 cps. Size, 5 1/2 x 16 3/4 x 16". Less case, below. For 110-120 v., 60 cycle AC. 41 lbs.
72 SU 556-R. \$18 Monthly... 389.95
72 SX 006-R. Metal Case. 10 lbs. 15.25
72 SX 007C-R. Wood Case. Walnut or mahogany—specify choice. 11 lbs. 25.45



New Transistorized
Stereo Multiplex
FM Tuner Shown In
Optional Wood Case

Low Allied
Price **\$219.95** less case
\$11 monthly

Scott 312 Transistorized Stereo FM Tuner

Another truly great tuner in the Scott tradition of quality. Compact and light weight—uses 13 transistors, 4 nuvistors and 22 diodes for superb performance. Exclusive "Auto-Sensor" circuit detects multiplex broadcasts, switches to stereo automatically; stereo light indicates multiplex is being received. Has dual stereo noise filters, professional-type tuning mechanism and big slide-rule dial; stereo tape recorder outputs; rear-panel output level controls. Sensitivity: 2.2 μ v IHFM. Distortion: 0.8%. Channel Separation: 35 db. Size, 5 1/4 x 15 1/2 x 13 1/4". Less case, below. For 110-120 v., 50-60 cycle AC. Shpg. wt., 16 lbs.
72 SU 526-R. \$11 Monthly... 219.95
72 SX 001-R. Metal Case. Simulated leather. 8 lbs. 11.85
72 SX 002C-R. Wood Case. Available in walnut or mahogany—specify choice. 9 lbs. 20.82

**TA-7000X 70-Watt Stereo Multiplex
FM-AM Receiver**

\$339.95 in Our Catalog 230. Deluxe stereo home music center. Reproduces stereo FM, regular FM, plus AM. Has inputs for tape recorder and phono, full controls, multiplex light, headphone jack. FM section has 3 IFs, limiter, AFC, built-in antenna. Amplifier provides high 70-watt (35 watts per channel IHFM) power output without distortion. Response: \pm 1 db, 12-70,000 cps at 1 watt. Output Impedances: 4, 8, 16 ohms. 6 1/4 x 16 x 13 1/2". Less case, below. For 110-120 v., 50-60 cycle AC. Shpg. wt., 43 lbs.
72 SU 580-R. \$14 Monthly... 271.95
72 SX 160-R. Gray Metal Case. Save \$2.59. 9 lbs. 10.36
72 SX 169-R. Walnut Case. Save \$6.00. 13 lbs. 23.95

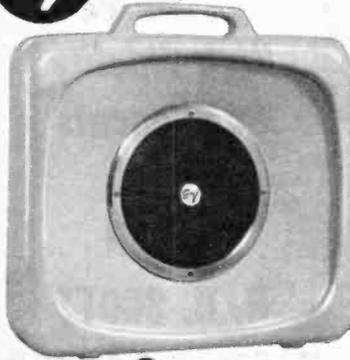


Save \$68.00 **\$271.95** less case
\$14 monthly

You Pay Less for Famous-Name Components at Allied



Big 20% Savings on Electro-Voice Speakers

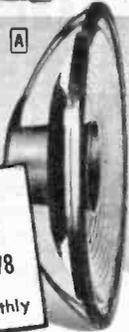


Save \$7.20
Reg. \$36.00
\$28⁸⁰
\$5 monthly
ENJOY HI-FI
MUSIC OUTDOORS!

Electro-Voice Sonocaster Portable Outdoor Coaxial Hi-Fi Speaker System

- Can Be Driven Even by Transistor Radio
- May Be Used Anywhere • Coaxial Design

Fill your backyard or patio with beautiful music from your stereo system, radio or phonograph. Perfect for outdoor background music. Can be driven by low power amplifiers. Use with a transistor radio, for greatly improved tonal quality. Covers a wide area, horizontal dispersion is a full 120°. Fully weatherproof. Includes handle, retaining clip for fast mounting. Frequency Response: 70-13,000 cps. Capacity: 30 watts peak. Crossover: 6000 cps. Impedance, 8 ohms. Dune beige. Size, 16 $\frac{3}{4}$ "x17x5 $\frac{7}{8}$ ". Shpg. wt., 10 lbs.
70 DX 264-R. \$5 Monthly..... 28.80



Save \$5.19
\$20⁷⁸
\$5 monthly

Save \$4.12
\$16⁴⁶



Save \$6.27
\$25⁰⁹ \$5 monthly



Save \$7.37
\$29⁴⁸ \$5 monthly



Save \$3.82
\$15²⁹

A LS-15 2-Way 15" Speaker

\$25.97 in our Catalog 230. Larger version of LS-12. Heavy-duty die-cast frame, mid-range cone, edgewise-wound voice coil. Response: 35-14,000 cps. Capacity: 20 watts. Crossover: 4500 cps. Imp.: 8 ohms. Flux: 73,000 maxwells. Depth: 3 $\frac{3}{4}$ ". Shpg. wt., 10 lbs.
71 DX 123-R. \$5 Monthly..... 20.78

C LT-12 3-Way 12" Speaker

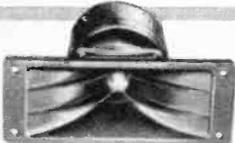
\$31.36 in our Catalog 230. Offers extended bass response from a 12" woofer cone, outstanding clarity from the exclusive Radax mid-range cone, and thrilling highs from integral Sonophase VHF horn-type tweeter. The patented 12-ounce ceramic "indox" woofer and mid-range magnet is comparable to heavier magnets of conventional design. Has low-distortion 2 $\frac{1}{2}$ " edgewise-wound copper-ribbon voice coil; rigid die-cast frame. Frequency response is 40-18,000 cps —with extremely low distortion. Built-in mechanical and electrical crossovers at 2000 and 3500 cps, respectively. Brilliance control adjusts tweeter output level. Total flux: 72,500 maxwells. Resonance: 65 cps. EIA Sensitivity: 45 db. Power Handling Capacity: 20 watts. Impedance: 8 ohms. Mounting Depth: 5 $\frac{1}{4}$ ". Shpg. wt., 12 lbs.
71 DX 120-R. \$5 Monthly..... 25.09

D SP12B 2-Way 12" Speaker

\$36.85 in our Catalog 230. Hi-fi favorite at very modest cost. Special woofer cone for fine bass, radax-type mid-range cone for smooth highs, high-efficiency 1 $\frac{1}{2}$ -lb. ceramic magnet. Mechanical crossover at 4500 cps. Response: 35-15,000 cps. Resonance: 45-50 cps. Capacity: 30 watts. Impedance: 16 ohms. Flux: 82,500 maxwells. Depth: 6 $\frac{3}{4}$ ". Shpg. wt., 15 lbs.
71 DX 131-R. \$5 Monthly..... 29.48

E LS-8 2-Way 8" Speaker

\$19.11 in our Catalog 230. Has long-throw high-efficiency edgewise-wound voice coil for solid bass; Radax midrange cone; die-cast frame. Flux: 70,700 maxwells. Response: 45-14,000 cps. Capacity: 20 watts. Crossover: 4500 cps. Impedance: 8 ohms. Depth: 3 $\frac{1}{2}$ ". Shpg. wt., 5 lbs.
71 DX 124-R..... 15.29



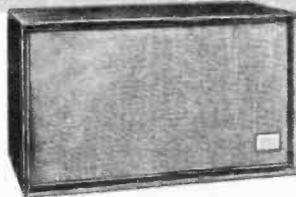
Model HF 1



High-Frequency Step-Up Kits

Save \$4.90
\$19⁶⁰

MODEL HF1. \$24.50 in our Catalog 230. Extends treble response of your present speaker system. Includes TW35 tweeter, CR35 crossover-control; wire; hardware; instructions. Response: 3500-18,000 cps. Dispersion: 180°. Capacity: 20 watts. Imp.: 8 ohms. Shpg. wt., 3 lbs.
71 D 128-R..... 19.60
71 D 113-R. Deluxe Model BB1. Was \$44.10. T35 driver; X36 crossover; AT37 control; wire; hardware; instructions. 3500-20,000 cps; 16 ohms. 5 lbs..... 35.28



Three-Way Shelf System

Save \$26.66
\$106⁶²
\$6 monthly

E-V FOUR. \$133.28 in our Catalog 230. Has 12" acoustic-suspension bass driver, mid-range compression driver and diffraction horn, compression tweeter and horn. Mid-range and tweeter controls. Response: 30-20,000 cps. Capacity: 30 watts. Imp.: 8 ohms. 14x25x13 $\frac{1}{2}$ ". Mahogany or walnut veneer—specify. Shpg. wt., 50 lbs.
70 DU 222C-R. Specify Finish. \$6 Monthly..... 106.62
70 DU 223-R. Unfinished Birch. Was \$119.56..... 95.65

Now Save 15% on AR-2A Speaker System

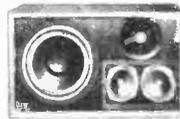
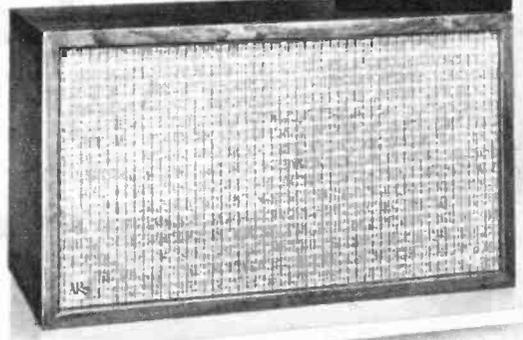


WORLD FAMOUS FOR SUPERB SOUND
NOW AT ALLIED'S NEW LOW PRICE

Save up to \$19.20 as low as **\$92.65** as \$5 monthly

Allied smashes the price barrier to bring you this music lovers' favorite at a big discount. Delivers such clean response that broadcasters and recording studios use it as a monitor! For a rich natural bass, the AR-2A combines a 10" woofer with AR's acoustic suspension design—air sealed within the enclosure acts as a pneumatic spring for the speaker cone on low bass notes. Two 5" speakers deliver full-bodied mid range; dome-type super tweeter produces sparkling clear highs. Sealed fiberglass-filled cabinet of braced 3/4" hardwood veneer is available in choice of finishes (on all four sides): natural birch, mahogany or oiled walnut—and also unfinished. Requires amplifier rated at least 20 watts (for stereo, amplifier should be rated 20 watts per channel). Response: 30 to 20,000 cps. Crossovers: 2000 and 7500 cps. Dispersion: 90°. Rated Impedance: 8 ohms. Shelf size, only 13 1/2 x 24 x 11 1/2". Shpg. wt., 41 lbs.

- 70 DU 027-R. Oiled Walnut Finish. Was \$128.00. **108.80**
- 70 DU 601-R. Mahogany Finish. Was \$122.00. **103.70**
- 70 DU 600-R. Natural Birch Finish. Was \$122.00. **103.70**
- 70 DU 028-R. Unfinished. Was \$109.00. **92.65**



LOOK INSIDE THE AR-2A

- Sealed Fiberglass-Filled Cabinet
- 10" Acoustic Suspension Woofer
- Dual 5 1/2" Midrange Speakers
- Special Dome-Type Super Tweeter

Save 20% on Famous-Brand Hi-Fi Components

Jensen Sono-Dome E-10 Ultra Tweeter

- Extends Range of Your Present Speaker
- Response 4000 cps to Beyond Audibility
- Built-In Electrical Crossover Network

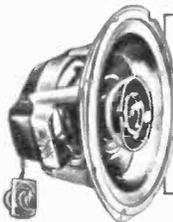
Was \$19.50. Plastic-dome ultra tweeter extends the range of your present speaker system from 4000 cps to the upper limits of the audio spectrum. Built-in electrical crossover—easy to add to any speaker system. Mounts from back of baffle in 3 1/8" cutout. 4 1/4 x 2 1/2" deep. Capacity: 15 watts. Impedance: 4-16 ohms. Wt., 1 1/2 lbs.

71 D 100-R. Allied's Low Price. **15.60**

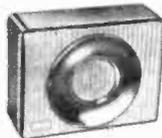


Save \$3.90
\$15.60

University Hi-Fi Speakers



Save \$14.31
\$57.23
\$5 monthly



Save \$4.89
\$19.56
\$5 monthly

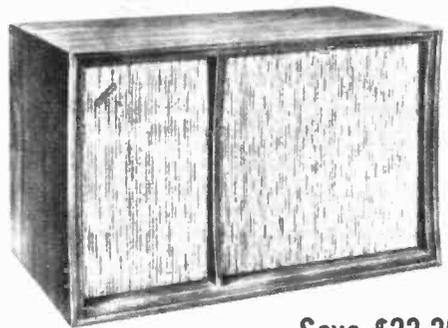
MODEL 312. 3-Way 12" diffraxial speaker. Provides excellent music reproduction from 28 to 40,000 cps. Has 12" high-compliance woofer, multi-element diffusion, and super-tweeter with 120° dispersion. Reflector baffle prevents interaction between woofer and tweeter. Has L-C crossover network; brilliance control. Capacity: 35 watts. Impedance: 8 or 16 ohms. Depth, 6 5/8". Shpg. wt., 13 lbs.

71 DU 006-R. \$5 Monthly. Was \$71.54. **57.23**

MODEL T-203. Sphericon super-tweeter and crossover unit. Provides clear, brilliant highs. Range is 3000-40,000 cps (± 2 db to 22,000 cps). Includes a built-in crossover network, brilliance control. Capacity: 30 watts. Impedance: 8 ohms (use with 4-16 ohm speakers). Walnut-finished case, 6 3/4 x 5 1/4 x 2 3/8". Shpg. wt., 3 lbs.

71 D 060-R. Was \$24.45. **19.56**
71 D 061-R. Model T-202. Above, less case. 2 1/2 lbs. **19.56**

Wharfedale Two-Way Shelf Speaker System



Uses Unique Sand-Filled Enclosure Principle for Resonance-Free Response

Save \$23.30
\$93.20 \$5 monthly

MODEL W-60. An outstanding value at this new low price. Employs unique enclosure principle—two layers of wood with a completely inert filler of dry sand between them provide resonance-free reproduction down to 20 cycles. Specially designed 12 1/2" woofer and 5" tweeter are critically tuned to the enclosure. Finished on all four sides. 14 1/4 x 24 x 13". Capacity: 30 watts. Impedance: 8 ohms. In mahogany or oiled walnut finish—specify. 53 lbs. Was \$116.50.

70 DU 038C-R. Specify Finish. \$5 Monthly. **93.20**

70 DU 590C-R. Matching 4-Leg Base. Not illus. In mahogany or oiled walnut finish—specify. 10 lbs. **7.96**

POPULAR SPEAKER PRICES SLASHED 20%

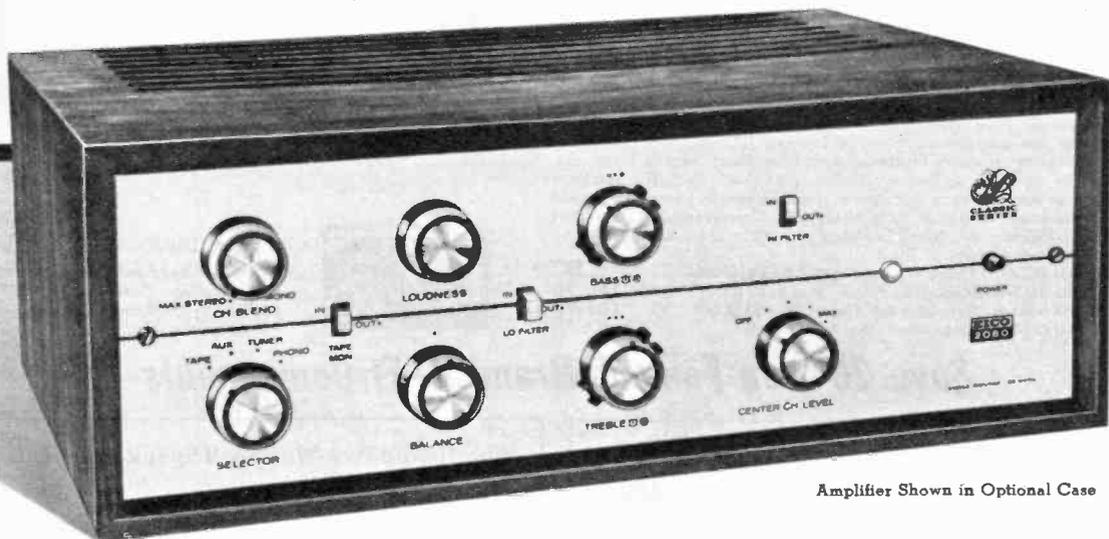
You may deduct 20% off Catalog 230 prices on all E-V, Jensen, University and Wharfedale speakers. They're truly spectacular buys at these extra-low Allied prices.

Save Up to \$40.00

Spectacular Sale on Eico 80-Watt Stereo Amplifier... Kit and Wired

Kit **\$79⁹⁵** less case
\$5 monthly

- Full Complement of Controls and Stereo Inputs
- Complete Tape Recording and Playback Facilities
- Plenty of Power For Superb Stereo Sound



Amplifier Shown in Optional Case

Eico Model 2080K 80-Watt Stereo Amplifier Kit—Was \$112.50

Giant savings—thanks to Allied's tremendous buying power and a timely special purchase. During our sale, get the 2080K Stereo Amplifier at far below its regular price. This superb amplifier will absolutely delight even the most critical audio listener.

Provides 40 watts-per-channel of IHFM music power for full 80-watt stereo output—plenty of power to drive any speaker systems to full undistorted listening volume. Features a full complement of front-panel controls, plus stereo inputs for every conceivable music source. Dual-concentric clutch-type bass and treble controls let you adjust the tone of each channel individually or both together. Balance control adjusts each channel to achieve perfect stereo effect from any listening point, with any speakers. Blend control varies the amount of channel separation, parallels channels for reproduction of monophonic music sources. Loudness control adjusts level of both channels simultaneously.

Offers full tape facilities—tape monitor provision lets you check recordings as they are being made. Tape recorder outputs and tape preamplifier inputs let you record and play back stereo tapes

of professional quality. Also has: center-channel speaker output with level switch, high-and low-out filters, pushbutton on-off switch, convenience AC outlet.

Output Power: 80 watts IHFM, 40 watts per channel; 70 watts continuous power. **Frequency Response:** ± 1 db, 10-80,000 cps. **IM Distortion:** 1.1% at 40 watts per channel. **Harmonic Distortion:** 0.5% at 35 watts per channel. **Inputs:** Mag. phono, tuner, tape, auxiliary. **Outputs:** 4, 8, 16 ohms per channel, center channel, tape outputs. **Hum and noise:** 65 db below rated output, phono inputs; 85 db below rated output, all other inputs.

Handsome front control panel is styled in silver and gold brushed aluminum with matching knobs. Optional oiled walnut case is listed, below. $5\frac{5}{8} \times 15\frac{7}{8} \times 13\frac{3}{8}$ ". With all parts and instructions. For 110-120 v., 60 cycle AC. 34 lbs.

- 72 SU 326-R.** Model 2080K. Kit Form. \$5 Monthly. **79.95**
72 SU 327-R. Model 2080. Assembled. Save \$40.00. **119.95**
72 SU 603-R. Oiled Walnut Case. 7 lbs. Save \$5.00. **14.95**

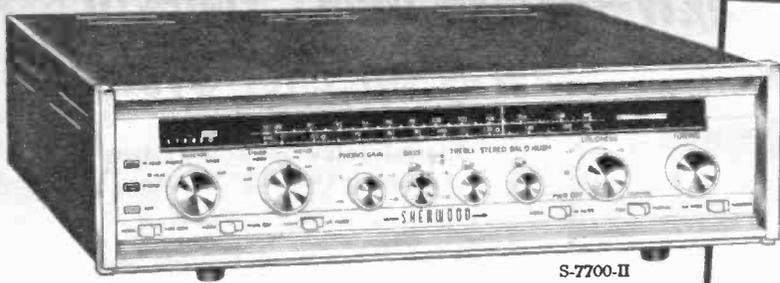


Save **\$22.55** Was **\$92.50** **\$69⁹⁵** less case
\$5 monthly

Eico Model 2200K Stereo FM Tuner Kit

Allied's special purchase of this deluxe tuner kit brings you outstanding \$22.55 savings while this sale lasts. Makes a great match for the Model 2080 Stereo Amplifier. Providing superb reception of stereo and monophonic FM broadcasts, the 2200K features factory-assembled RF and IF stages, plus pre-aligned multiplex demodulator coils for easy error-proof assembly—no alignment required. Has shielded low-noise temperature compensated front end; four IF amplifier-limiter stages; wide-band detector. Magic tuning eye also indicates stereo FM broadcasts; velvet-smooth rotary tuning dial has illuminated readout. Stereo filters prevent sub-channel interference. **Sensitivity:** 3 μ v IHFM. **Channel Separation:** 30 db. Matches Model 2080K Amplifier, above. Size, $5\frac{5}{8} \times 15\frac{7}{8} \times 11\frac{1}{8}$ ". With all parts and instructions. Less case, below. For 110-120 v., 60 cycle AC. Shpg. wt., 18 lbs.

- 72 SU 613-R.** Kit Form. \$5 Monthly. **69.95**
72 SU 607-R. Oiled Walnut Case. 7 lbs. Save \$5.00. **14.95**



S-7700-II

Sherwood 80-Watt Stereo Systems

Save up to
\$73.80

less case
\$444⁵⁰
\$20 monthly

Choice of Two Outstanding Systems—Select Sherwood S-7700-II or S-8000-III Receivers

Stereo FM-AM-Phono System—Save up to \$73.80

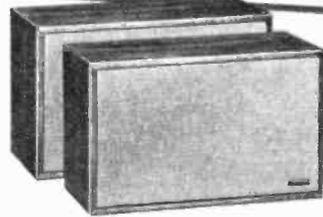
Home entertainment center provides superb stereo sound. Separate components individually cost \$518.30. System includes: Sherwood Model S-7700-II 80-Watt Stereo Multiplex FM-AM Receiver; Knight KN-990 4-Speed Record Changer on Walnut Base; your choice of Shure M3D, Empire 880 or Pickering U38AT Stereo Cartridge; Two Allied-Jensen 12" 3-Way Oiled Walnut Speaker Systems. Plus all cables. Receiver combines stereo FM and AM tuner sections with a powerful 40 watt-per-channel stereo amplifier and full array of controls. Has stereo indicator, zero center tuning, AFC, ganged bass and treble controls, tape monitor input. Changer plays all record speeds and sizes; shuts off after last record has played. Speakers have 12" woofer, 4" midrange and 4" tweeter for wide response. Receiver less case, below. 112 lbs. Express.

21 HF 371-R. Specify Cartridge. \$20 Monthly..... 444.50

80-Watt Stereo FM-Phono System—Save up to \$73.80

Same as above system, but with Sherwood S-8000-III 80-Watt Stereo FM Receiver. Like S-7700-II, but less AM section, has tuning meter, no AFC or tuning eye. Less case, below. 107 lbs. Express.

21 HF 372-R. Specify Cartridge. \$18 Monthly..... 389.50
72 SU 475-R. Metal Case. Walnut leatherette. 11 lbs..... 9.50



Allied
Jensen
Speaker
Systems

Choice of
Cartridge



M3D



880



U38AT



Knight KN-990 4-Speed
Changer on Walnut Base

Empire Grenadier Speaker System



GENUINELY NEW DEVELOPMENT

Provides Magnificent Sound
and Superb Channel Separation
with Non-Critical
Placement

Great Value! **\$150⁰⁰**
\$8 monthly Buy A Pair
for Outstanding
Stereo Performance

Provides thrilling, wide-range response normally achieved only in larger, more costly systems. Disperses sound equally to all parts of room for excellent channel separation with non-critical speaker placement. Uses a mass-loaded woofer with 4" voice coil and huge 18-lb. magnet structure. Floating-suspension cone faces downward, feeds through full-circle front-loaded horn for 360° radiation of lows. Mid-range radiator, domed tweeter and acoustic lens widely disperse highs. Rigid damped cabinet in walnut laminate. Responses: 30-20,000 cps. Size, 29x15 1/4" dia. Capacity: 100 watts. Imp.: 8 ohms. Shpg. wt. 67 lbs.

70 DZ 269-R. \$8 Monthly..... 150.00

Famous Dynakit Stereo Hi-Fi Components

PAS-3. Stereo preamp offers full controls and inputs. Critical circuitry prewired, printed circuit boards cut assembly time. Has tape monitor, scratch filter. Response: $\pm 0.5\%$ db, 10-40,000 cps. Distortion: 0.05% at 2 v. 4x14x8". Brown vinyl case. For 110-120 v. AC. 11 lbs.

72 SX 591-R. Kit Form..... 62.95
72 SX 592-R. Wired..... 98.95

STEREO 70. 70-watt basic provides firm bass, clean highs. Reliable conservatively-rated components. Response: ± 0.5 db, 10-40,000 cps. Distortion: 1%. Outputs: 4, 8, 16 ohms. 6 1/2 x 9 1/2 x 13". Brown cover. For 110-120 v. AC. 35 lbs.

72 SU 237-R. Kit Form..... 89.95
72 SU 238-R. Wired..... 116.95

FM-3. Stereo FM tuner offers high sensitivity, selectivity, separation. "Stereo-cator" indicates multiplex programs, automatically switches to stereo. Planetary tuning. Sensitivity: 4 μ v IHFM. Separation: 30 db. 4x13x8". Brown vinyl case. For 110-120 v. AC. 15 lbs.

72 SX 588-R. Kit..... 98.95
72 SX 589-R. Wired..... 152.95

SCA-35. 35-watt stereo amplifier provides quality and dependability seldom found at this price. Full stereo inputs and controls. Output: 17 1/2 watts-per-channel continuous. Response: ± 0.5 db, 20-20,000 cps. Distortion: below 1%. Outputs: 4, 8, 16 ohms. 4x13x10". Brown case. For 110-120 v. AC. 23 lbs.

72 SU 590-R. Kit..... 89.95
72 SU 595-R. Wired..... 125.95



PAS-3
Preamp

\$62⁹⁵



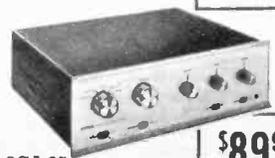
Stereo 70
Basic

\$89⁹⁵



FM-3
Tuner

\$98⁹⁵

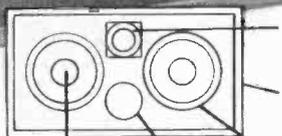
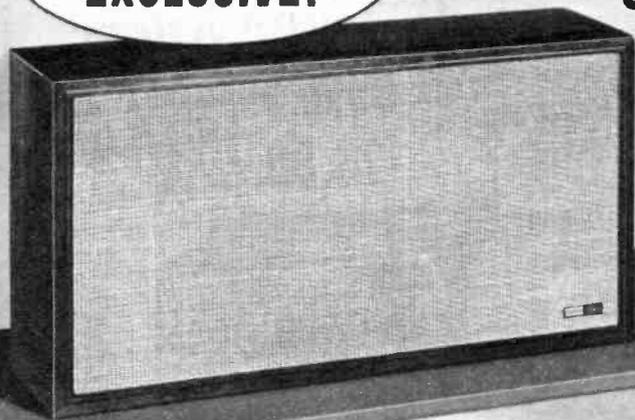


SCA-35
Amplifier

\$89⁹⁵

**ALLIED
EXCLUSIVE!**

NEW—Deluxe Utah "Twin-10" 3-Way Speaker System



Separate 3½" Tweeter

Solid ¾" Construction

Two 10" Woofers Reproduce Bass With Rich Tone and Full Realism

2 Whizzer Cones for Mid-Range

Precision Duct Tunes Cabinet and Speakers

Special-Value Speaker System Featuring TWO 10" Speakers

- Outstanding 35 to 16,000 cps Response
- Two 10-Inch Woofers With "Whizzer" Cones
- Efficient 3½-Inch Tweeter for Smooth Treble
- Beautiful Walnut Enclosure—¾" Thick

Another Allied scoop! Sensational special purchase of unique, top-performing 3-way speaker system. Combines extraordinary design and prestige appearance with outstanding reproduction over a wide listening range.

The "Twin-10" boasts TWO 10-inch woofers that have large 10-ounce ceramic magnets and 1-inch voice coil; plus whizzer cones for mid-range. You get deep, rich bass that extends all the way down to 35 cycles and a realistic mid-range that adds exciting "presence" to your music. A separate highly efficient 3½-inch tweeter with ½-inch voice coil brings you pure, sparkling highs up to 16,000 cps.

Precision duct tunes speakers and enclosure for wide-range response without distortion. Acoustically padded, 14x27x8" enclosure is solidly constructed of heavy ¾" panels, luxuriously finished with oiled walnut veneer. Attractive beige and gold grille cloth. Impedance, 8 ohms. Capacity 40 watts. 35 lbs.

70 DU 301-R. \$5 Monthly. 39.95

**SALE
SPECIAL!**

\$39⁹⁵

\$5 monthly

Hi-Fi Sound—Outdoors!



NEW!
With Handy L-Pad Control

With 25-Ft. Cable
\$11⁹⁵

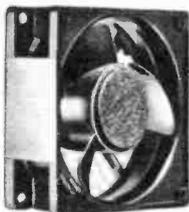
Utah Model HFOD-8 2-Way 8" Outdoor Hi-Fi Speaker

- Carrying Handle and Mounting Holes
- Weatherproof; Baked Enamel Finish

Terrific value in a true high-fidelity outdoor speaker! Fills your backyard, patio or porch with rich, full-toned sound from your hi-fi, phonograph—even your transistor radio. 8" two-way speaker has 10-oz. barium ferrite magnet; 35-18,000 cps response. Durable steel cabinet has carrying handle; 2 keyhole slots on 6" centers for simple mounting; smart meadow green finish. Weatherproof. Handles 30 watts peak audio. Size, 10½x10½x5¾". Impedance, 8 ohms. Shpg. wt., 6½ lbs.

71 D 415-R. 11.95

Rotron "Whisper Quiet" Equipment Cooling Fan



Extends the Life of Your Electronic Equipment

\$14⁸⁵

Blow away excess heat problems with this efficient fan. Circulates 65 cfm of air for effective cooling of tubes and parts in amplifiers, tuners, transmitters and other equipment. Cools virtually without a sound. Easy mounting—includes hardware, cord and plug. Shaded-pole motor; pre-lubricated bearings. 1800 rpm. For operation from 110-120 v., 60 cycle AC. Shpg. wt., 1½ lbs.

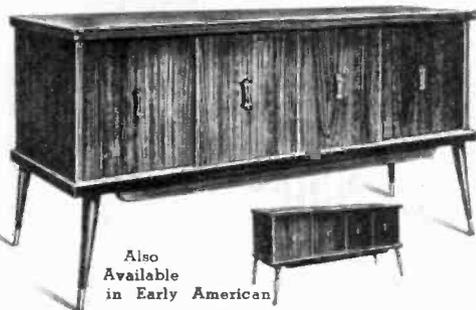
82 R 031-R. 14.85

Versatile Model 955 Multi-Purpose Cabinet



40" Wide—Holds Up to 400 Records . . . Choice of Mahogany, Walnut or Limed Oak!

\$19⁸⁸ \$5 monthly



Also Available in Early American

Big in size . . . beautiful in styling . . . tops in value! The Model 955 features the graceful lines of modern "low-boy" design. Has 4 sliding doors for easy access; sturdy hardwood and hardboard construction; full 40" length. Stores 400 records—also serves as a TV or phono table, bookcase, room divider, or filing cabinet. Has stylish tapered legs and period-matched, brass-finished hardware on doors. Overall size: 26x40x17". Handsomely finished in your choice of mahogany, walnut or limed oak—specify finish. Shipped knocked down—easy to assemble in a jiffy. Wt., 30 lbs. Shipped express.

70 DU 042C-R. \$5 Monthly. Specify Finish. 19.88

70 DU 043-R. Model 958. Above, but Early American with maple finish and period-matched brass-finished hardware. Shipped knocked down. 30 lbs. Express. 19.88

GIANT 1¢ SALE

WITH FAMOUS Garrard RECORD CHANGERS

Save Up to \$21.84

only 1¢ more



Empire 880

Shure M3D

Pickering U38AT

Type "A" with Base and Choice of Cartridge

Changer, base and your choice of cartridge—all three at a low, low price! You get your choice of Empire 880, Shure M3D or Pickering U38AT stereo cartridge plus handsome oiled walnut base for only a penny more than price of changer alone. Garrard's best changer combines turntable performance with 4-speed changer convenience. Balanced motor, counter-weighted arm with pressure gauge, pusher-type changing mechanism and spindles for manual or automatic operation. Each cartridge has diamond needle. 16x13¼"; requires 2¾" below and 6" above. Less 45-rpm spindle, below. For 110-130 v., 60 cycle AC. 26 lbs.

- 20 RX 866-3R. "A", Base and Cartridge (specify) 79.51
- 73 RX 052-R. Type A Record Changer Separately. 26 lbs. 79.50
- 73 RX 059-R. Unfinished Mtg. Board for "A". 2½ lbs. 1.50
- 73 R 083-R. Spindle. For automatic play of 45's. 10 oz. 3.80

AT-6 with Base and Choice of Cartridge

Precision 4-speed record changer with oiled walnut base—plus your choice of Empire 880, Shure M3D or Pickering U38AT stereo cartridge—all at Allied's phenomenally low price. Changer has oversize platter for precision rotation, counter-weighted arm with built-in pressure gauge and 2 interchangeable spindles for manual or automatic operation. Stereo cartridge of your choice has diamond needle for superior record performance and protection. Size, 15¾x13"; requires 2¾" below, 1½" to right and rear of arm. Less 45-rpm spindle, below. For 110-130 v., 60 cycle AC. Wt., 19 lbs.

- 20 RX 867-3R. AT-6, Base and Cartridge (specify) 56.95
- 20 RX 363-2R. AT-6 and Cartridge (specify). 15 lbs. 54.51
- 73 RX 053-R. AT-6 Separately. Shpg. wt., 15 lbs. 54.50
- 73 RX 060-R. Unfinished Mtg. Board for AT-6. 2½ lbs. 1.50
- 73 R 084-R. Spindle. For automatic play of 45's. 10 oz. 3.80

Autoslim/P with Base and Choice of Cartridge

Renowned Garrard changer, smart looking walnut base, and your choice of Empire 880, Shure M3D or Pickering U38AT stereo cartridge—all at a reasonable budget-sparing price! Features shaded 4-pole motor with 4 accurate speeds. Efficient center-type changing mechanism is whisper-quiet, gentle to records. Separate automatic and manual controls. Compact—only 6½" high—ideal for limited space installations. Each cartridge has diamond needle. 13¾x12"; requires 2¾" below and 4½" above. Less 45-rpm spindle, below. For 110-130 v., 60 cycle AC. Wt., 19 lbs.

- 23 RX 564-3R. Autoslim/P. Base, Cartridge (specify) 43.00
- 20 RX 364-2R. Autoslim/P. Cartridge (specify). 12 lbs. 39.51
- 73 RX 054-R. Autoslim/P Separately. Wt., 12 lbs. 39.50
- 73 RX 060-R. Unfinished Mtg. Board for Above. 2½ lbs. 1.50
- 73 R 085-R. Spindle. For automatic play of 45's. 10 oz. 3.80

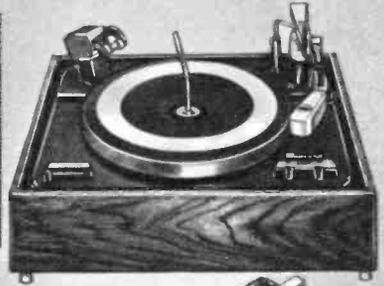
PRECISION CRAFTED IN ENGLAND

WITH BASE, CARTRIDGE

\$79⁵¹

TYPE "A" ALONE

\$79⁵⁰



WITH BASE, CARTRIDGE

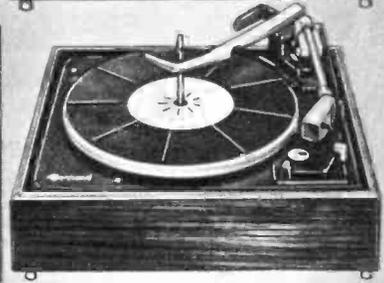
\$56⁹⁵

WITH CARTRIDGE

\$54⁵¹

AT-6 ALONE

\$54⁵⁰



WITH BASE, CARTRIDGE

\$43⁰⁰

WITH CARTRIDGE

\$39⁵¹

AUTOSLIM/P

\$39⁵⁰



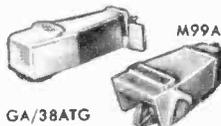
FLOATING CARTRIDGE WITH TYPE "A" OR AT-6 CHANGERS

Type "A" with Choice of Floating Cartridge

Type "A"
With Base,
Cartridge

\$84⁵⁰

Save Up to \$23.65



GA/38ATG

M99A

Garrard's best automatic turntable offered with beautifully crafted oiled walnut base, plus choice of deluxe floating cartridge. Save up to \$23.65. Both cartridges assure maximum record and stylus protection. Pickering GA/38ATG has a needle that retracts when bumped or dropped, while Shure M99A lets entire cartridge assembly retract into head. 45-rpm automatic spindle optional, above. Specify cartridge. Shpg. wt., 26 lbs.

- 23 RX 556-3R. "A", Base, and Cartridge 84.50

AT-6 with Choice of Floating Cartridge

With Base,
Cartridge
\$61⁹⁵

With Cartridge
\$59⁵⁰

Save Up to \$21.20



G6/38ATG

M99/AT6

Garrard AT-6, offered with oiled walnut base, plus choice of floating cartridge—at savings up to \$21.20. AT-6 is famous for reliability and performance. Cartridges protect your records. Shure M99/AT6 has retractable cartridge assembly. Pickering G6/38ATG has retractable needle. Both provide breathtaking stereo. 45-rpm spindle optional, above. Specify cartridge. 19 lbs.

- 23 RX 558-3R. AT-6, Base, and Cartridge 61.95
- 23 RX 557-2R. AT-6 and Cartridge. Less base. Wt., 15 lbs. 59.50

Buy Any Changer on this page for Only \$5 Monthly

ALLIED 27

SPECIAL TURNTABLE PURCHASE—SAVE \$45.30

Famous Rek-O-Kut R-33 Outfit—While They Last



Includes Highly Popular
Shure M7N21D Stereo Cartridge



20-20,000 cps response; 2½-gram tracking force; 9.0x10 cm/dyne compliance; .0007" diamond needle. Expert acclaimed!

Complete Outfit

\$82⁵⁰

\$5 monthly

Rek-O-Kut Model R-33 33⅓ Rpm Turntable Outfit

- Hysteresis Synchronous Motor Always on Exact Speed
- Uses Model S-340 12" Resonance-Free Arm
- Superior "Rekothane" Belt Drive
- Precision Balanced Cast Aluminum Turntable
- Handsome, Hand-Rubbed Oiled Walnut Base
- Famous Shure M7N21D Stereo Cartridge

Terrific stereo hi-fi turntable buy! Save a huge \$45.30 off the cost of individual components purchased separately. Order today—quantities are limited and will go fast at this low, low price!

Renowned Rek-O-Kut R-33 turntable features a precision hysteresis synchronous 33⅓ rpm motor that is lifetime lubricated. Has exclusive, cushion-soft "Rekothane" belt drive for extremely low noise level of -60 db. Solid cast aluminum turntable is carefully balanced; oil-grooved shaft is hardened and ground to a micro-finish. The result is absolutely constant and accurate speed. Music reproduction is clean and pure—free from annoying wow or flutter.

S-340 pickup features a tubular aluminum arm, die-cast aluminum cartridge shell and counter-weight. Special pivot design assures maximum freedom of movement. Adjustable stylus pressure. Shure's M7N21D custom dynetic cartridge fits easily in head. Offers top-flight performance and true wide-range response. Size, 7¾x15½x14¾". Beautiful oiled walnut base. For 110-120 v., 60 cycle AC. Wt., 28 lbs.

23 RU 988-2R. \$5 Monthly.....82.50

1¢ Sale with AR Turntable Outfit

choose either cartridge for 1¢ more with turntable purchase



EMPIRE
880P



SHURE
M7N21D

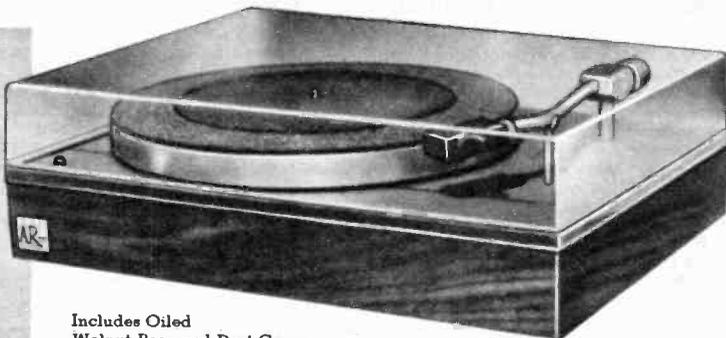
Save Up to **\$19.94**

AR Outfit
Alone
\$78⁰⁰

Latest Mfr's
Price

AR Outfit,
Cartridge
\$78⁰¹

\$5 monthly



Includes Oiled
Walnut Base and Dust Cover

Acoustic Research 2-Speed Turntable Outfit

A tremendous buy for the music lover! Offers thrilling stereo reproduction—just the way it was recorded. And, you get bigger-than-ever savings, too. Our special Summer Sale gives you a choice of the highly rated Empire 880P or the top-performing Shure M7N21D cartridge for just a penny more! Save up to \$19.94.

Acoustic Research turntable features 2 synchronous motors and belt-adjust drive for accurate 33⅓ and 45-rpm speeds. Carefully shock-mounted for protection against bumps and jars. Heavy, 3.5 pound aluminum platter includes a plastic foam pad to protect delicate records. 12" tone arm is resonance-free and has protective damping mechanism. If dropped, it floats gently down to record. Wow and rumble are at a minimum—music always sounds great!

Accessories include a handsome, hand-rubbed oiled walnut base, heavy-duty clear plastic dust cover, pressure gauge and cables. 5¾x16¾x12¾" with cover. For 110-120 v., 60 cycle AC. Shpg. wt., 20 lbs. Shipped express.

23 RU 989-2R. \$5 Monthly. Specify Shure or Empire Cartridge..... 78.01
73 RU 186-R. AR Turntable Outfit less cartridge. \$5 Monthly..... 78.00

SENSATIONAL \$15.00 SAVINGS on

BOGEN PRESTO

Model B-61 Variable Speed Turntable and Arm

- Variable Speed for Perfect "Pitch Tuning"
- Built-In Micrometer-Type Pressure Gauge
- Has 4-Pole Motor; 7 $\frac{3}{4}$ -Lb. Turntable
- Accepts Record Sizes Up to 16"

\$49⁹⁵

\$5 monthly

Own this outstanding, custom-crafted Swiss turntable and arm for less than the cost of many record changers! During our Summer Sale, the price is cut more than 23%—save a big \$15.00 off the regular catalog price. Continually variable speeds from 29 to 86 rpm, with settings for 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 standard speeds. Has: rubber-covered 7 $\frac{3}{4}$ pound zinc-alloy 12" turntable; 4-pole motor; gentle-action arm with micrometer-type gauge for precise stylus pressure adjustment. Arm is raised by linkage for easy cueing and to minimize record wear. Takes up to 16" above, 2 $\frac{1}{4}$ " below mounting board. Less base, listed below, and cartridge. For 110-120 v., 60 cycle AC. Shpg. wt., 21 lbs.

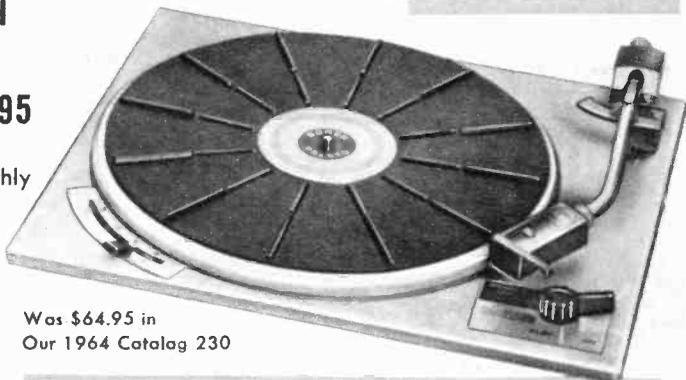
73 RU 037-R. \$5 Monthly. Reduced to 49.95

Selected Accessories

73 RX 038-R. Wood Turntable Base. Finished in attractive oiled walnut. Shpg. wt., 8 lbs. **5.25**

73 RX 221-R. Model COV-1 Dust Cover. Clear. Protects against dust and lint. Shpg. wt., 3 lbs. **5.50**

73 R 039-R. Extra Aluminum Plug-In Head. For monophonic or stereo cartridge. Shpg. wt., 6 oz. **4.00**



Was \$64.95 in
Our 1964 Catalog 230

Pickering 371C Stereo Cartridge—Ideal for B-61

Low-cost professional-quality magnetic cartridge—perfect choice for the B-61 Turntable, above. Features a user-replaceable .0007" diamond stylus for minimum wear to precious records. Frequency Response: ± 2 db, 20-15,000 cps. Separation: 20-25 db. Output: 2 mv. Tracks at 3-7 grams. 2 oz.

73 RC 912-R. 7.79



\$7.79

SAVE! Weathers ML-66A Turntable Outfit With 1¢ Cartridge Sale



only **1¢** more

2 $\frac{1}{2}$ " High
with Base!

880P

M7N21D

choose either Empire or Shure
cartridge for 1c with ML-66A

Save Up to
\$19.94

ML-66A and
Cartridge

\$99⁵¹

\$5
monthly

A brilliant combination at a money-saving price! You get the renowned Weathers ML-66A 33 $\frac{1}{3}$ rpm turntable, arm and base, plus your choice of either the Empire 880P or Shure M7N21D stereo cartridge for a penny more. A strikingly beautiful instrument, the ML-66A's lower silhouette, smaller size, and true acoustic isolation allow installation virtually anywhere. Two hysteresis synchronous motors and unique drive system provide quiet, accurate and dependable rotation. Wow and flutter measure an imperceptible 0.04%. Hand-made, oiled walnut tone arm is resonance-free and viscous damped. Handsome, oiled walnut base. 2 $\frac{3}{16}$ x16 $\frac{5}{16}$ x14 $\frac{1}{16}$ ", with base. For 110-120 v., 60 cycle AC. Wt., 16 lbs.

23 RX 979-2R. \$5 Monthly. Specify cartridge . . . 99.51
73 RX 240-R. Above, less cartridge 99.50

SALE on Admiral Budget-Priced Record Changers

"ENSIGN" FLOATING ARM. Save \$2.00. 4-speed; 2-pole balanced motor; function-speed control. Turnover stereo cartridge; sapphire needles. 13 $\frac{3}{8}$ x12". Needs 2 $\frac{1}{2}$ " below, 4 $\frac{5}{8}$ " above mtg. board. Less base, mtg. board, 45 spindle below. For 105-120 v., 60 cycle AC. 13 lbs.

73 RX 213-R. Was \$24.95 in Catalog 230. Reduced to 22.95

73 RX 062C-R. Wood Base for Above. Available in mahogany, limed oak or oiled walnut finish—specify choice. Wt., 5 $\frac{1}{2}$ lbs. **4.49**

73 RX 063-R. Unfinished Mounting Board. Wt., 3 lbs. **1.50**

73 R 076-C. 45-Rpm Spindle. For either "Ensign" changer. 10 oz. **1.69**

DELUXE "ENSIGN SUPREME." Save \$2.00. 4-speed; oversize platter; built-in level indicator. Scratch-proof, floating-action stereo cartridge; diamond and sapphire needles. Built-in record brush. 13 $\frac{3}{8}$ x12". Requires 2 $\frac{1}{2}$ " below, 4 $\frac{5}{8}$ " above mtg. board. Less base, mtg. board, below; 45 spindle, above. For 105-120 v., 60 cycle AC. Wt., 16 lbs.

73 RX 212-R. Was \$31.50 in Catalog 230. Reduced to 29.50

73 RX 246-R. Oiled Walnut Wood Base. Wt., 7 lbs. **4.49**

73 RX 247-R. Unfinished Mounting Board. Wt., 5 lbs. **1.50**



"Ensign" **\$22⁹⁵**

"Ensign Supreme"
\$29⁵⁰ \$5
monthly

Order Today—Sale Ends September 15, 1964

ALLIED 29



Stereo Components at a Savings

SAVE UP TO 20% ON QUALITY COMPONENTS



KN
924

Save \$10.00
Was \$99.95 **\$89.95** \$5 monthly
Our Lowest-Cost Stereo Tuner

Save \$6.00
Was \$49.95 **\$43.95** \$5 monthly
Full 28 Watt IHFM Output



KN
245

Knight KN-924 28-Watt Stereo Amplifier

You can't find a better sounding stereo amplifier at this price. The KN-924 gives you inputs for all primary sources of stereo sound: phono (with magnetic cartridge), tuner or auxiliary (ceramic, crystal or other); plus all essential controls. Easily switches from 14-watts-per-channel stereo to 28-watt monophonic operation. Separate bass and treble controls make simultaneous tonal adjustments for both channels. If you can't place speaker for optimum stereo, balance control lets you compensate for it. Oversize output transformers and 4 tubes in each push-pull output circuit deliver plenty of undistorted power. AC convenience outlet on rear panel. 12 $\frac{7}{8}$ x9 $\frac{1}{2}$ x4 $\frac{1}{2}$ ". 8 tubes, rectifier. Less case, below. For 110-120 v., 50-60 cycle AC. Shpg. wt., 19 lbs.

- 95 DU 034-R. \$5 Monthly..... 43.95
95 DX 041-R. Walnut Wood Case. Wt., 8 lbs..... 9.95
95 DX 040-R. Brown Metal Case. Wt., 5 lbs..... 3.95

KN-245 Economy Stereo Multiplex FM-AM Tuner

Our lowest-cost tuner—yet packs many deluxe features that you'd expect to find in a far more expensive model. Combines with any transistor or tube-type amplifier to bring you thrillingly realistic stereo FM as well as excellent conventional FM and AM reception. Magic eye tuning indicator also shows when you've tuned a stereo FM broadcast. FM section has 2 μ v sensitivity; ± 1 db, 20-20,000 cps response; 30 db or better channel separation. AFC eliminates drifting; automatic noise limiter blocks out static even in thunderstorms. Sensitive AM section has built-in ferrite rod antenna to pull in distant stations. Edge-lighted, slide-rule dial; smooth flywheel tuning. 13 $\frac{7}{16}$ x4 $\frac{1}{2}$ x10 $\frac{1}{2}$ ". Less case, below. For 110-120 v., 50-60 cycle AC. 18 lbs.

- 95 DU 015-R. \$5 Monthly..... 89.95
95 DX 021. Walnut Wood Case. Wt., 8 lbs..... 10.95
95 DX 042. Brown Metal Case. Wt., 7 lbs..... 4.95



KN
715

Save \$8.00

KN-715 15-Watt Stereo Amplifier

Was \$39.95
\$31.95 \$5 monthly

Extraordinary combination of economy and wide-range performance. Actually sells for less than you'd expect to pay for just a monophonic amplifier. Features separate stereo inputs for tuner and ceramic or crystal phono cartridge, with handy slide-switch for input selection. Mode selector switch gives instant choice of stereo or monophonic operation. Balance control adjusts for optimum stereo effect with any speaker arrangement; ganged volume control for simultaneous adjustment of both channels; pilot light. 4 $\frac{3}{4}$ x10 $\frac{9}{16}$ x7 $\frac{3}{4}$ ". Brown metal case, brass-finish front panel. For 110-120 v., 50-60 cycle AC. Shpg. wt., 15 lbs.

- 95 DU 032-R. \$5 Monthly..... 31.95



KN
777

Save \$10.00

KN-777 Stereo Expander-Compressor

- Adds Dynamic Realism to Stereo
- Expands Compressed Frequencies to Improve Range

Was \$49.95
\$39.95 \$5 monthly

Buy now, and add even more dynamic realism to your stereo system at a closeout price. The KN-777 automatically improves dynamic range by increasing loudness of frequencies compressed during record cutting, tape recording or FM broadcasting. Does not alter low and mid-range passages—preserves all the subtle nuances of the music without causing hum or noise. Function switch lets you reverse the operation to compress high levels (up to 15 db) for tape recording and background music free from unwanted volume peaks. For any amplifier with 4-16 ohm output. Needs no power supply. 2 $\frac{1}{4}$ x7 $\frac{1}{2}$ x4 $\frac{9}{16}$ ". Shpg. wt., 4 lbs.

- 95 DX 077-R. \$5 Monthly. Quantities Limited!..... 39.95



4-Speed
Stereo
Record
Changer



**YOUR CHOICE
OF CARTRIDGE**

only **1¢** more



Empire Shure Pickering E-V 149-D
880 M3D U38AT Ceramic

With Spindle
and Cartridge
\$49⁹⁶
\$5 monthly

With Spindle
Less Cartridge
\$49⁹⁵
\$5 monthly

Knight KN-990 4-Speed Stereo Record Changer

Buy the KN-990 now and, in addition to your choice of cartridge for only 1¢ more, get a FREE 45-rpm spindle—a \$1.69 value! The KN-990 answers a need for a moderately priced unit that offers advantages of turntable and automatic changer. Heavy-duty, 4-pole motor drives oversize turntable at precise speeds of 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 rpm. Balanced, lightweight tone arm has built-in needle pressure gauge, calibrated 0 to 5 grams. Changer intermixes all size records of same speed; shuts off automatically after last record plays. Changing mechanism disengages for manual playing. Spirit level on base plate permits all-plane leveling. In charcoal gray and brushed chrome. 14x12". Requires 3 $\frac{1}{2}$ " below, 5" above mtg. board. With template; less base, below. For 110-120 v., 60 cycle AC. 13 $\frac{1}{2}$ lbs.

- | | |
|--|--------------|
| 23 DX 985-3R. KN-990, 45-rpm Automatic Spindle and Choice of Cartridge—Specify Cartridge Desired. | 49.96 |
| 23 DX 986-2R. KN-990 and 45-rpm Automatic Spindle Alone. 14 lbs. | 49.95 |
| 23 DX 984-3R. KN-990, 45-rpm Spindle and M-99/KN Cartridge. 14 $\frac{1}{2}$ lbs. | 54.95 |
| 95 DX 460-R. Walnut Wood Base. 3 $\frac{1}{4}$ x15 $\frac{1}{16}$ x13 $\frac{1}{2}$ ". 6 lbs. | 4.00 |
| 95 DX 461-R. Unfinished Mounting Board. Wt., 2 lbs. | 1.50 |



**Save On
Bonus
Offer!**

**BONUS OFFER!
FREE!**



**Knight Automatic
45-Rpm Spindle
Sells For \$1.69**

Get this automatic 45-rpm spindle **FREE** when you buy the KN-990 4-speed changer. Slips over center spindle to change 45's automatically.

EXTRA SAVINGS



Shure M-99/KN Floating Cartridge

**Save
Extra
\$5.00**

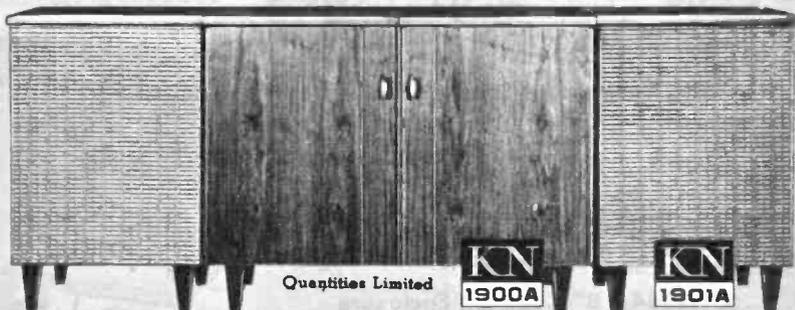
Get added record and needle protection from Shure's "Gard-A-Matic"—\$10.00 more in our big Catalog 230—now only \$5.00 more.

Catalog Prices Cut on Contemporary Grouping

Was \$149.95. Closing out to make room for next year's models. Lowest cost Knight ensemble, reduced from our 1964 Catalog 230 price. Equipment cabinet easily houses hi-fi components, records and accessories. Lift-top changer compartment minimizes stooping. Tuner/amplifier compartment has 2 adjustable shelves to accept practically every size component. Removable bottom shelf provides extra space for receiver (combination tuner/amplifier). Speaker enclosures take any 12" or 8" speakers. All in oiled walnut veneer. Overall, 28x72 $\frac{1}{4}$ x16 $\frac{1}{4}$ "; equipment cabinet, 28x36x16 $\frac{1}{4}$ "; each enclosure, 28x18 $\frac{1}{8}$ x16 $\frac{1}{4}$ ". 135 lbs. Shipped express.

23 DZ 511-3R. Complete 3-Piece Ensemble. \$7 Monthly. **129.88**
95 DZ 504-R. KN-1900A Equipment Cabinet. 65 lbs. Shipped express. Was \$79.95. **66.88**

Big Savings on Component Cabinets



Quantities Limited



Inner Dimensions



Equipment
Compartments

- A: Has 2 adjustable shelves, 16" W, 16 $\frac{3}{4}$ " D, 22" H.
B: 17 $\frac{1}{4}$ " W, 16 $\frac{3}{4}$ " D, 6 $\frac{1}{4}$ " H.
C: 17 $\frac{1}{4}$ " W, 16 $\frac{3}{4}$ " D, 13 $\frac{1}{4}$ " H.

3-Piece
Ensemble

\$129⁸⁸

\$7 monthly
Save \$20.07



Plenty of Room for
Units and Records

Enclosure Can Be
Placed Anywhere

"Z" In Stock Number Indicates Express Shipment



Save Up To 30% on Popular

SHARP CUTS OFF 1964 CATALOG 230 PRICES

Budget-Priced KN-830 3-Way 12" Speaker

Absolutely our lowest-cost 3-way 12" speaker. True 3-way design at a price far below many 2-way units. Incorporates all the latest developments to give you authentic response for full-fidelity sound. Big 3/4-lb. magnet. Heavy die-cast frame and fiberglass coil-form keep edgewise wound voice coil in precision alignment for low distortion, even at high listening levels. Mechanical crossover at 2000 cps separates 12" bass cone from midrange cone. Compression-type VHF driver distributes highs uniformly throughout the room. Has tweeter level control with 36" cable. Electrical crossover, 3500 cps; binding post terminals. Handles 20 watts (40 watts peak) program material. Impedance, 8 ohms. 14 lbs.

95 DX 204-R. Catalog Price \$26.95. 22.45

Lowest-Cost KN-820 2-Way 12" Speaker

Get in on this tremendous savings—over 30% off on our proven dual-cone 12" speaker. Performance-proven 2-way design offers wide range response without shrillness. Mechanical crossover operates at 4500 cps to separate bass from highs. Shallow, die-cast frame—only 3 1/2" deep—can be easily installed in modern thin-line enclosures, cabinets and consoles, or behind wall and ceiling baffles. Has 2" edgewise wound voice coil, fiberglass coil form and permanent centering of all sound reproducing elements. 3/4-lb. magnet. Binding post terminals. Handles 20 watts (40 watts peak) program material. Imp., 8 ohms. Wt., 11 lbs.

95 DX 203-R. Catalog Price \$16.95. 11.88

Economy KN-809 8" Wide Range Hi-Fi Speaker

Buy now, and save 20% on this 8" speaker featuring unusually wide range audio response at very low cost. Provides mellow bass, clear mid range, plus authentic highs. Covers the audio spectrum from 50 to 12,000 cps. Has a heavy 10-oz. ceramic magnet, die-cast frame, soft-suspension hyperbolic cone. Use it for low-cost music systems, as an extension speaker, or as a high-quality mid-range speaker in two or three-way speaker systems. Great for use in background music systems, too! And its shallow-frame design—only 3 9/16" deep—lets you install it in today's popular thin-line enclosures. Binding post terminals. Handles 15 watts of music. Impedance, 8 ohms. Shpg. wt., 4 lbs.

95 DX 251-R. Catalog Price \$9.95. 7.95

KN-800HC 3-Way 12" Speaker

Never before at this low price! Smooth, natural sound unequalled by any speaker in its price field. Outstanding sound quality in any enclosure, even when driven by low-power amplifier. High compliance 12" woofer cone, axially mounted mid-range cone and compression-type VHF tweeter cover the audio spectrum from 35 to 15,000 cps. Heavy 1 3/4-lb. magnet. Crossovers at 2000 and 3500 cps provide perfectly blended music without peaks or breaks. Tweeter level control; binding post terminals. Handles 25 watts (50 watts peak) of music. Imp., 8 ohms. Wt., 15 lbs.

95 DX 255-R. Catalog Price \$39.95. 31.88



\$22.45
\$5 monthly
Save \$4.50

\$11.88
Save \$5.07

\$7.95
Save \$2.00

\$31.88
\$5 monthly
Save \$8.07

KN-1286 Vented-Port Speaker Enclosure

Rock-bottom price on a popular speaker enclosure that brings out everything a speaker has to offer. Features deluxe construction details, space-saving size, and smart appearance. Accepts 12" speakers, including most 2 and 3-way types. Has custom-fitted fiberglass acoustic lining, heavy 3/4" paneling and vented-port cabinet design for extended range, natural sounding bass. All four sides are finished in oiled walnut veneer. Beige cane grille. Wired terminal strip. 14 3/4 x 24 x 12". 30 lbs.

95 DU 531-R. Catalog Price \$29.95. 24.95

KN-1284A 8" Compact Enclosure

Price slashed on shelf-size speaker enclosure for budget-priced music systems and for extension-speaker use. Just install any 8" hi-fi speaker—makes music sound great! Small enough for wall, shelf or floor—can be used in highboy or lowboy positions. Heavy 3/4" all-wood paneling assures clean, natural bass. Finished on all four sides in oiled walnut, with beige cane cloth. Fiberglass lining. Wired terminals. 10 x 20 x 9". Shpg. wt., 15 lbs.

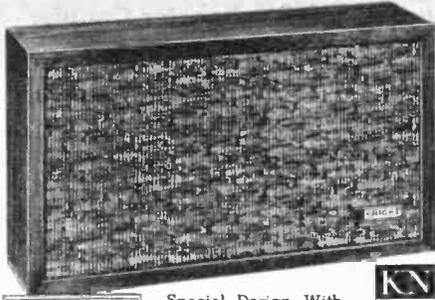
95 DU 476-R. Catalog Price \$19.95. 16.95



\$16.95
Save \$3.00

\$24.95
\$5 monthly
Save \$5.00

Knight Hi-Fi Speakers and Speaker Systems



Special Design With Coaxial Woofer Plus Compression-Type VHF Tweeter In Isolated Compartment



Save \$5.00 **\$24⁹⁵** \$5 monthly

Compact KN-2222 Speaker System

- Outstanding Value—Even at Catalog 230 Price
- Special 3-Way Design In Isolated Compartment
- Knight's Slimmest Speaker System—Only 5" Deep

Best looking, best sounding 3-way shelf speaker system you can find at this amazing low price. Makes a good choice for moderately priced stereo systems or as a handsome extension speaker. Provides rich, full response from 60 to 17,000 cps. Balanced components—8" dual-cone woofer with efficient ceramic magnet, plus compression horn-loaded tweeter and crossover at 4000 cps—are matched to enclosure. Tweeter is acoustically isolated to prevent speaker interaction distortion. Handles 15 watts (30 watts peak; for use with amplifiers rated up to 30 watts IHFM per channel) program material. Finished in oiled walnut veneer. Impedance, 8 ohms. Compact size, 10x19x5". Shpg. wt., 20 lbs.

95 DU 216-R. Catalog Price \$29.95..... **24.95**



True 2-Way Design

Was \$19.95 **Save 25%**
\$14⁹⁷



KN-2210 Speaker System—Lowest Price Ever

That's right!... never before have we offered a true 2-way speaker system at such an astonishingly low price! You get the complete speaker system—8" woofer with efficient ceramic magnet, plus separate 3½" tweeter mounted in handsome enclosure—all for a price you'd expect to pay for a speaker alone. Very good choice for economy home music systems or extension speaker use. Reproduces impressive hi-fi sound from 50 to 14,000 cps. 10x20x5½". Enclosure is constructed of ½" solid plywood with walnut leatherette covering and beige cane grille. Handles 15 watts (30 watts peak) program material. Impedance, 8 ohms. 11½ lbs.

95 DX 357-R. Catalog Price \$19.95..... **14.97**

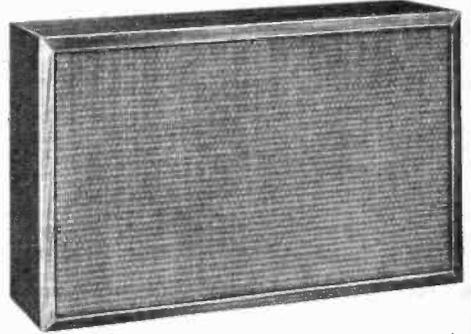
ALLIED/JENSEN SPEAKER SYSTEM

Save **\$6.07**

Was \$35.95

\$29⁸⁸

\$5 monthly



3-way speaker system incorporates famous Jensen speakers in cabinet custom-built to Allied's exacting specifications. Brings you truly impressive hi-fi sound at a low-budget price.

Acoustically Insulated Enclosure

Powerful 12" Woofer

Acoustically Tuned Vent

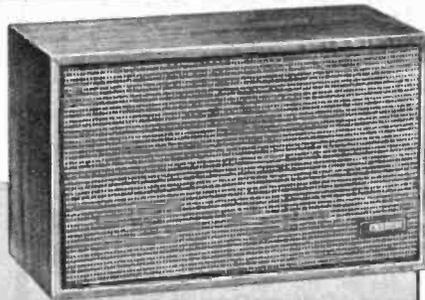


4" Mid-Range Speaker

Efficient 4" Tweeter

A fabulous value, this outstanding speaker system regularly sold for \$35.95—you now can pocket a big \$6.07 savings! An Allied exclusive, built to our own specifications with Jensen speakers in our own exclusive, matched enclosure. The 3 Jensen speakers include a powerful 12" woofer, a 4" mid-range speaker, and a 4" tweeter, with a crossover network—all in an acoustically-correct, custom-designed enclosure. Acoustically insulated enclosure is expertly crafted in selected ¾" wood paneling, beautifully finished with luxurious oiled walnut veneer. Has attractive, matching decorator grille. Response: 30-16,000 cps. Capacity: 25 watts. Impedance: 8 ohms. 14½x24x7". Wt., 29 lbs.

70 DU 288-R..... **29.88**



NEW KNIGHT SPEAKER SYSTEM

\$26⁹⁷

\$5 monthly

INCOMPARABLE VALUE AT THIS PRICE!

Knight Special 3-Way Speaker System

Don't let the remarkably low price of this unit sidetrack you. Its bass, mid range and treble compare favorably with speaker systems costing up to twice as much. Considering its low price, you'll be astounded by this system's ability to faithfully reproduce music. Acoustically insulated enclosure houses a large 10" woofer with mid-range propagator and 3" tweeter that deliver extraordinarily clear tonal response from 35 to 15,000 cps. 12x20x8¼". Finished in attractive oiled walnut veneer with matching beige cane grille. Handles 15 watts (30 watts peak) program material. Impedance, 8 ohms. Shpg. wt., 25 lbs.

95 DU 399-R. \$5 Monthly..... **26.97**

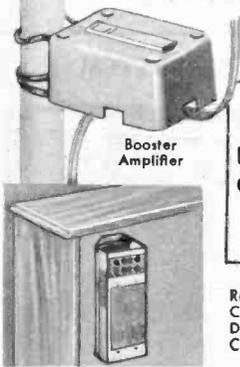
Hurry! This Sale Ends September 15, 1964

ALLIED 33

BLONDER*TONGUE

EXCLUSIVE ALLIED CLOSEOUT

All-Transistor Mast-Mounting TV/FM Booster-Coupler



Model AB-4
Now \$9.98
Only
Save \$9.57

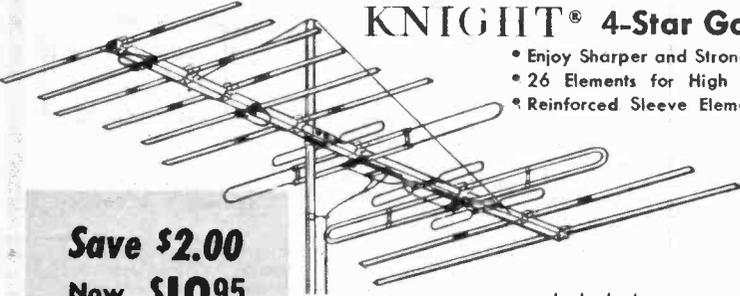
Remote Power Supply
 Connects to TV Set,
 Doubles as 4-Set
 Coupler

- Get Stronger Reception in Weak Signal Areas
- Boosts Signal up to 5 Times
- Battery Powered Circuit

All-transistor amplifier boosts strength of weak TV and FM signals up to 5 times for stronger, more reliable reception. Amplifier is virtually maintenance-free—there are no tubes to replace. Transistors draw very little current—batteries last for many, many hours of operation. Power supply also serves as a four-set coupler—use up to four TV or FM sets with your antenna. Gain: channel 2, 17 db; channel 6, 15 db; channels 7 to 13, 8.5 db; FM, 12 db. "No-strip" terminals for easy hook-up with just a screwdriver. Impedance, 300 ohms. With hardware for mounting on any antenna mast. (Power supply utilizes your present lead-in to carry power to amplifier.) Amplifier, 1 3/4 x 2 1/4 x 3". Power supply/coupler, 7 1/4 x 3 x 1 1/4". Less batteries, below (uses 4). Shpg. wt., 1 1/2 lbs.

91 C 148-R. Was \$19.55 in Catalog 230..... **9.98**
55 J 867-R. 1 1/2-Volt Batteries. Wt., 1 1/4 lbs. **Pkg. of 4 for 52¢**

KNIGHT® 4-Star Gold-Corodized TV Antenna



- Enjoy Sharper and Stronger Color or Black-and-White Pictures
- 26 Elements for High Signal-Gain • 7'9" Boom—Sag-Proof
- Reinforced Sleeve Elements for Added Protection Against Winds

Allied's most popular high-gain, twin-driven VHF-TV antenna—now at a special low sale price! 21 elements on high band and 5 on low band provide extremely high sensitivity on channels 2-13. Rugged, all-aluminum construction stands-up against strong winds, storms and heavy icing. Gold-corodized finish (even on brackets) offers greater resistance to weather corrosion. "Snap-out" design makes assembly amazingly easy. Just swing elements into place and tighten. Less mast and 300-ohm twin line. Shpg. wt., 8 1/2 lbs. Shipped truck or express.

91 CZ 331-R. Was \$20.95..... **18.95**

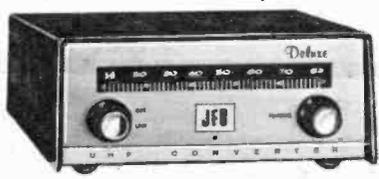
Save \$2.00
Now \$18.95
Only

Sharper Color
 or Black-and-
 White Pictures

★ ★ ★ ★
RANGE UP TO
150 MILES

JFD Transistorized UHF Converter/Booster

NEW!
 Model CR2-J
\$27.95
 \$5 monthly

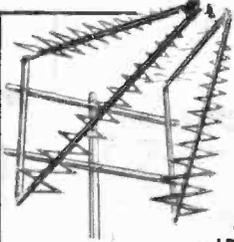


Transistorized... Instant "Warmup"
 Drift-Free Performance and Low Power-Consumption

CR2-J. Adds channels 14 to 83 to your TV set, boosts UHF signals 10-12 db. 2-transistors (plus diode) provide excellent reception, even in many fringe areas. Impedance, 300-ohms. Illuminated slide-rule dial. Pilot light. Connect it with just a screwdriver. Walnut-color plastic cabinet, gold-finish panel. 6x7x2 1/2". From Italy. For 110-120 v., 60 cycle AC.
91 C 216-R. Shpg. wt., 3 1/2 lbs..... **27.95**
91 C 519-R. CR1-J 1-Transistor Converter Only. 3 1/2 lbs.... **19.95**

**IT'S NEW...
 IT'S DIFFERENT!**

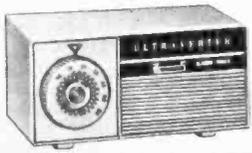
**JFD Log-Periodic
 "Zig-A-Log"
 UHF Antennas**



Model LPV-ZU20 **\$22.05** \$5 monthly

LPV-ZU20. For up to 90 Miles. Developed from the log-periodic principle used so successfully in satellite tracking. 16-db gain! High front-to-back ratio, high directivity—without wire grids or parabolic reflector! Gold-anodized aluminum. 31x29x43". Less mast and line.
91 CZ 522-R. Shpg. wt., 6 lbs. **22.05**
91 CZ 523-R. LPV-ZU10. Up to 60 miles. 4 lbs. **10.55**

BLONDER*TONGUE

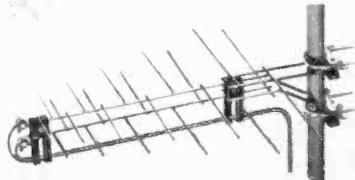


NEW!
\$12.94
 Battery Powered

Transistorized BTD-44 UHF Converter!

Adds channels 14 to 83 to your present TV set—lets you enjoy all the UHF stations in your area. Efficient transistor circuit—low-noise design for excellent reception of local stations. 3x6 3/8 x 3 1/4". Uses 1 battery below. 3 1/2 lbs.
91 C 324-R. **12.94**
55 J 867-R. Batteries. 1 1/4 lbs. **Pkg. of 4 for 52¢**

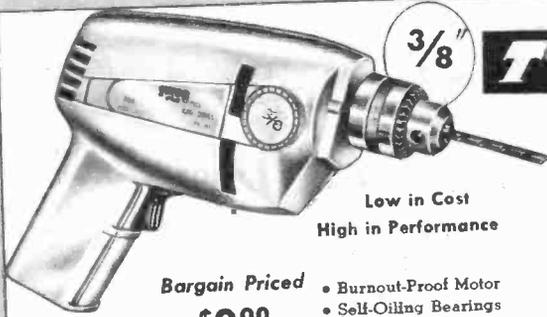
\$3.48
 Compact



"Golden Dart" UHF-TV Antenna

Uses log-periodic principle for high-gain. 11 elements maintain excellent front-to-back ratio—minimize ghosts, interference. Only 17" long, 2 1/2" high—"piggybacks" with VHF antenna. Preassembled; mounts with U-bolts, supplied. Less mast and line.
91 CX 494-R. Shpg. wt., 2 lbs. **3.48**
91 C 497-R. Harness. For stacking two "Darts." 1 lb. **93¢**

Save! Special Buys on Power and Hand Tools



3/8"



Low in Cost
High in Performance

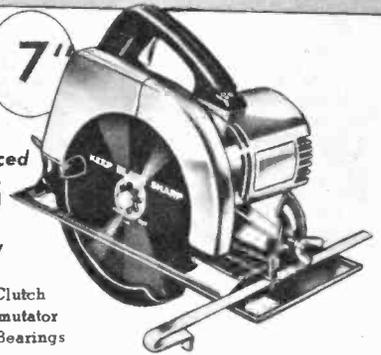
Bargain Priced
\$998

- Burnout-Proof Motor
- Self-Oiling Bearings
- Industrially Rated

3/8" Drill with Welded 11-Bar Commutator

A tremendous buy on an industrially-rated 3/8" drill that's tops for all kinds of jobs around the house. Capacity: 3/8" diameter in steel, and 1" in hardwood. Features a dependable 3 amp, burnout-proof motor, self-oiling bronze alloy bearings, and a gear-type chuck for firm, non-slip grip on bits and accessories. No-load speed, 1750 rpm; full-load speed, 1150 rpm. Trigger switch has locking pin for continuous operation. Rugged, die-cast aluminum housing. Overall length, 8 1/4". With 6-ft., 3-wire cord and plug. U.L. Listed. For 110-120 v., 60 cycle AC. Less bit. Shpg. wt., 5 lbs.

51 N 524-R..... 9.98



7"

Bargain Priced

\$2195

\$5 monthly

- Safety-Slip Clutch
- 32-Bar Commutator
- Self-Oiling Bearings

7" Circular Saw with Big 8-Amp Motor

Packed with power and value. Fast-cutting saw has rugged 8-amp motor delivering 1.2 hp. Welded 32-bar commutator won't burn out even under heaviest loads. Bearings are self lubricating. Big 7" blade provides a positive "bite" in hard wood. Cuts from 1/4" to 2 1/8" deep, will cut 1 3/4" deep even at a 45° angle. Has anti-kickback safety-slip clutch. No-load speed, 5000 rpm. Shipped complete with blade guard, rip fence for straight cuts, protractor for angle cuts, and a 3-wire cord. Industrially rated by U.L. For 110-120 volts, AC or DC. Shpg. wt., 15 lbs.

51 NX 525-R. \$5 Monthly..... 21.95

Dymo Tapewriter Kit

Makes permanent self-sticking raised-letter plastic labels. Just dial letter, squeeze handle. Trigger cuts off completed label. Includes Tapewriter label maker, 9—12' rolls of tape in assorted colors, leather case. Extra tapes, below. Plastic housing. 6 1/2" x 1 1/2" lbs.

51 N 466-R. Tapewriter Kit 12.95

51 N 142-R. Tapewriter Only 6.88

EXTRA TAPES. 12"x 1/4" vinyl. 2 oz.

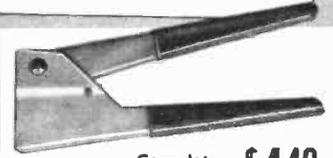
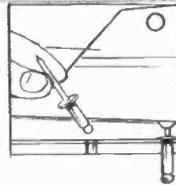
Type	Color	Type	Color
5206-1	Clear	5206-7	Yellow
5206-2	Red	5206-8	Brown
5206-4	Orange	5206-9	Black
5206-5	Green	5206-12	Gray
5206-6	Blue	5206-13	Gold

51 N 473-R. Specify Type and Color. Each 98¢



Regular \$15.70
Value \$12.95

Save \$2.75



Complete With Rivets \$449

"Pop" Rivetool Handy Riveting Kit

Quick substitute for screws, bolts, adhesives. Insert "POP" rivet in "Rivetool," insert other end of rivet into materials to be joined, and squeeze handle. With assid. rivets. Use washers (below) for riveting soft materials. 1 1/2 lbs.

51 N 474-R. "Rivetool" Kit..... 4.49

51 N 475-R. 1/8" "POP" Rivets. 3 oz..... Pkg. of 25 for 49¢

51 N 476-R. 1/4" "POP" Rivets. 3 oz..... Pkg. of 20 for 49¢

51 N 477-R. 1/2" "POP" Rivets. 3 oz..... Pkg. of 15 for 49¢

51 N 478-R. Back-Up Washers. 3 oz..... Pkg. of 40 for 49¢



Reduced to
\$729

Stevens-Walden 16-Piece Alloy Steel 1/4" Drive Socket Set

Was \$7.95. For electrical repair, and industrial and mechanical work. Consists of: 11 sockets—4 regular 12-pt. sockets, 5/16", 1 1/32", 3/8", and 7/16"; 4 hex sockets, 3/16", 7/32", 1/4", and 9/32"; 3 regular 8-pt. sockets, 1/4", 5/16", 3/8"; 1 reversible ratchet; 1 hinge handle; 1 cross bar; 1—3" extension; metal box. 6 1/2"x 2 3/4"x 1 1/4". 1 1/2 lbs.

51 N 209-R..... 7.29

Save 10%

\$445



Xcelite PS120 Pocket-Size 11-Piece Nutdriver Set

Was \$4.95. Consists of 10 nutdrivers, plus slip-on handle for greater torque. To obtain full driving power, slip standard handle over nutdriver handle. Sizes: 3/32" to 3/8" in 1/32" steps. Nutdrivers are color-coded, and only 3 1/2" long. Slip-on handle is 1x3 1/2" long—fits snugly in top of plastic carrying case. Ship. wt., 11 oz.

51 N 194-R..... 4.45



Weller

\$592

Was \$6.57

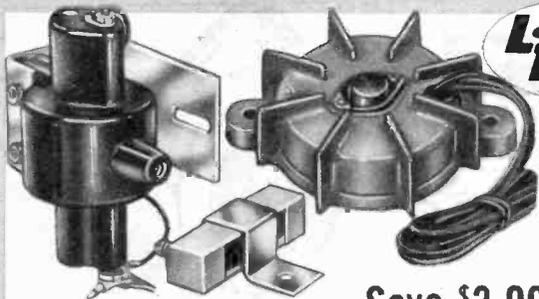
Save 10%

8200 PK Complete Dual-Heat Soldering Gun Kit

Low sale price makes this outfit an A-1 value. Consists of rugged dual-heat gun, 3 solder gun tips, tip wrench, flux brush, solder-aid tool, rosin-core solder, and high impact plastic storage case. Trigger control instantly selects high or low heat (100 or 140 watts). U.L. Listed. For 110-120 volts, 60 cycle AC. Shpg. wt., 2 1/4 lbs.

51 N 059-R..... 5.92

Auto Accessories Cost You Less at Allied



Leece-Neville

Improves Overall Performance!

Save \$3.00

Transistorized Ignition System

\$26⁹⁵

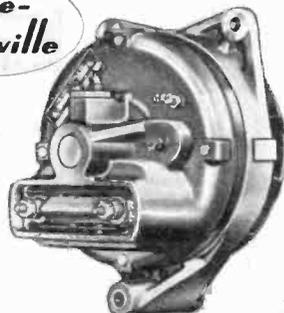
- Reduces Current Load on Points by 90%
- Up to 30% Higher Spark-Plug Voltage
- You Can Expect Fewer Tuneups, Faster Starts, and Improved Gas Mileage

\$5 monthly

Was \$29.95. Buy now, save—price returns to \$29.95 in the fall. System pays for itself by the money it saves on tune-ups. Provides complete combustion (holter spark, better mileage), and a cleaner engine (less chance of foul or miss at high speeds). Points carry only 1/10th normal load—last thousands of miles longer. No condenser required—one less expense at tuneup time. With heavy-duty coil, transistor amplifier, ballast resistor, hardware, instructions. For 6 or 12-v. negative ground. 5 lbs. (Some cars require Relay, below.)

51N 421-R. \$5 Monthly..... 26.95

51N 422-R. Bypass Relay. For bypassing ignition resistor or primary resistance wire on: Chevy, 59-64; Buick, Cadillac, Ford, Lincoln, Merc, Pontiac, Thunderbird, 60-64; Olds, Studebaker V8, 61-64. Shpg. wt., 8 oz..... **2.98**



Save \$5.00

Hurry—Take Advantage of This Sale! Buy Now Before Fall. Price Returns to \$59.95.

Model 6200 53-Amp Alternator System

\$54⁹⁵

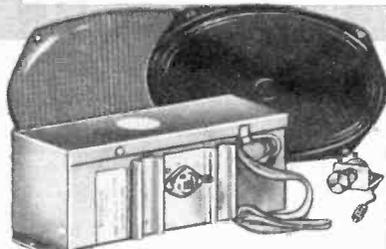
- Increases Battery Life • Charges Even at Idle
- Excellent for Winter Driving When Heavy Use of Accessories Can Drain Battery
- For All 12-V. Systems—Negative or Positive

\$5 monthly

Was \$59.95. Alternator delivers up to 15 amps even at idling speeds. Can keep your car's battery charged even when heater, headlights, radio and wipers are operating. Permits faster starts in cold weather, lengthens battery life. Weighs less than a generator, takes less space, too. Order now, and have this alternator before fall weather arrives.

Features silicon rectifiers mounted in efficient heat sinks; anti-friction roller bearings; shielded slip-ring assembly; self-limiting current; and splashproof windings. Excellent buy for mobile CB'ers and Hams. Complete with voltage regulator, 3/8" single pulley (not adaptable for air-conditioned cars using 2 drive belts), universal mounting bracket, cables, full installation instructions. For all 12-v. ignition systems. 17 lbs.

51NX 522-R. \$5 Monthly..... 54.95



Automatic Radio

\$27⁹⁵

\$5 monthly

"Reverb-A-Matic" Speaker System

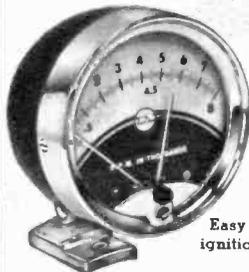
- Gives Exciting Stereo Effect
- All-Transistor System Installs Easily

A new dimension in car-radio listening pleasure! Delays sound from radio for fraction of a second, passes it through amplifier, and reproduces it through rear-deck speaker. Suddenly your car sounds like a mobile concert hall. Includes: all-transistor reverberator/amplifier, 6x9" speaker, grille, wire harness and fader control panel with light to show when system is on. ('64 Pontiac and Olds with Delco Radios require transformer below.) For all 12-v. systems. Wt., 6 1/2 lbs.

51N 440-R. \$5 Monthly..... 27.95

51N 441-R. Transformer. 1 lb. 1.49

Transistorized Tachometer For 6 or 12-Volt Systems READS 0-8000 RPM



\$19⁹⁵

\$5 monthly

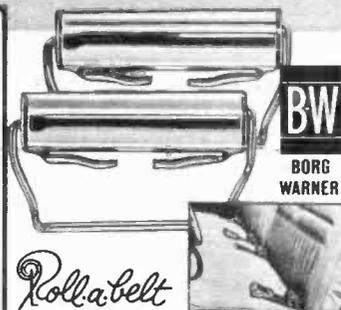
Accurate Within 2%

Easy to hook up with ignition system above

- Accurate Zener-Diode Control
- Sealed Against Dust and Moisture

Shows the way to smoother gear shifting, maximum engine efficiency and power-transfer, as well as better gas mileage. 3 1/2" fiberglass illuminated dial calibrated from 0 to 8000 rpm. Adjustable "red line" indicator shows you when to shift. Transistorized circuit is zener diode controlled—overload protected. Accurate D'Arsonval meter. Universal mounting—can be mounted on or under dash or on steering column. Swivel base allows head to be set for best visibility. For 6 or 8-cylinder, 4-cycle gasoline engines, positive or negative ground. 1 1/2 lbs.

51N 420-R. \$5 Monthly..... 19.95



BW
BORG WARNER

Roll-a-Belt

"Roll-a-Belt" Seat-Belt Reels

- Per Pair • Seat Belts Stay Clean and Neatly Rolled Up
- Eliminates Unsightly Wrinkled Seat Belts

\$2⁸⁸

Tired of sloppy seat belts? End this problem with spring-loaded reels that automatically roll up your belts as soon as you release them. Handy reels prevent belts from draping out of doors into dirt, and help keep clothes clean. Reels stop belts from fraying by sliding along back edge of seat. Seat belts are always just at hand, right where they can be reached. No clutter, no interference as passengers enter or exit from car. Easy to install. Fit all seat belts. Shpg. wt., 10 oz.

51N 439-R..... Pair 2.88

Check and Improve Your Car's Performance



\$22⁹⁵

\$5 monthly

ALLEN TUNE

\$34⁹⁵

\$5 monthly

Save \$2.00

Professional Timing Light

- Operates off Car Battery for Precise Timing of 6 or 12-Volt Ignition Systems
- Power Supply Intensifies Flash—Far More Brilliant Than Flash of Ordinary Lights

Was \$24.95. Checks timing, sticking automatic spark-advance, cam wear, and sync of double breaker arms. Power supply greatly increases intensity of flash. Light is much more brilliant than that of lower priced timing lights operating off ignition. Increased light makes it unnecessary to paint or otherwise emphasize timing marks. Prefocused lens—flash is so sharply focused it can be seen even in sunlight. Spark gap and shielded tube eliminate double firing. Automatically adjusts to 6 or 12-volts. Has 3 six-foot alligator-clip leads: one just to spark plug cable; other two clip to battery. Mar-resistant aluminum; baked enamel finish. 3½ lbs. **22.95**
51 N 435-R.....



Save \$5.00

Professional Dwell Tachometer

- Pays for Itself in a Short Time by the Money it Saves When You Do Tuneups
- Has Two-Range rpm Scale
- For 6 or 12-Volt Systems in 4, 6, and 8 Cylinder Engines

Was \$39.95. Save \$5.00 during this big sale! Tach has two scale ranges: 200-1000 rpm for precision carburetor or transmission adjustments; 1000-5000 rpm range for intermediate and high-speed readings. Allows fast dwell adjustments (readings from 0-60°), even on 4-cylinder cars with extremely low cam-angle settings; helps locate defective breaker plate; indicates multicarburetor balance; and checks most magnetos. Five-position switch: Off, Set, Dwell, 5000 and 1000 rpm. All components shock mounted. Chrome case; black dial, white markings. 6-foot insulated leads. 5 lbs. **34.95**
51 N 432-R.....



\$275

\$289

\$198

\$295

Economy Timing Light

A Adjusts ignition, tests spark advance, synchronizes double points. Prefocused lens. Shock-resistant case. For 6, 12, 24-v. systems. 40" leads; insulated clips. 1 lb. **2.75**
51 N 416-R.....

Remote Starter

C A great aid when working alone on your car—lets you crank engine from outside of car. Pushbutton switch with momentary "on" for quick action. Heavy-duty construction. 48" leads with insulated clips. 1 lb. **1.98**
51 N 415-R.....

Vacuum and Fuel-Pump Tester

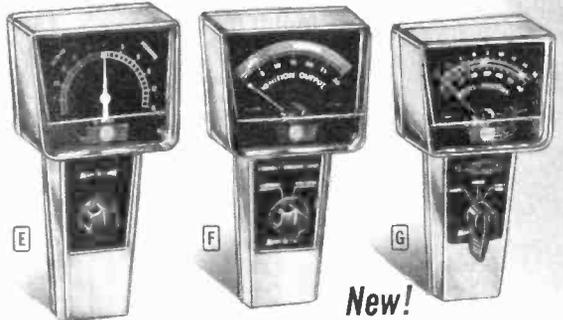
B Checks idle adjustment, leaky valves, gas-line leakage, bad rings, choked mufflers. 2½" dial indicates 0-30 inch vacuum; 0-7 pounds pressure. 3½-foot hose, fittings. Shpg. wt. 1½ lbs. **2.89**
51 N 418-R.....

Compression Tester

D Locates trouble due to leaky valves, rings, or cylinder-head gasket. 2½" dial reads from 0-300 pounds pressure. Universal cone fits all spark-plug holes. Has offset stem for hard-to-reach spots. Wt. 1¼ lbs. **2.95**
51 N 417-R.....

1964 Motor's Auto Repair Manual

Fix engines, brakes, starters, transmissions, distributors, etc. on any of 2,519 American standards or compacts from '57-64. Over 1300 pages; 2850 pictures; 285 tables; over 30,000 specs; 225,000 facts. Indexed. 8½x11". 6 lbs. **9.95**
37 K 283-R.....



Fuel System Analyzer

\$1495

Ignition Output Tester

\$2995 \$5 monthly

Volt-Amp Tester

\$2995 \$5 monthly

New!

ALLEN TUNE

PRECISION TESTERS

Professional Fuel System Analyzer

E Detects leaks in: intake, cylinder head, valves, rings, fuel line. Checks idle mixture, fuel-pump pressure, early ignition timing, exhaust restrictions. Color-coded meter reads 0-30 in; 0-15 pounds. Chrome; black dial. Accessories. 5 lbs. **14.95**
51 N 433-R.....

Professional Ignition Output Tester

F Checks ignition system output. Helps pinpoint bad spark-plug cables, defective distributor rotor or condenser, weak ignition coil, open connections, and cracked distributor cap. Color-coded ammeter/voltmeter meter reads 0-30 volt/amperes. Chrome; black dial. With leads. Shpg. wt. 5 lbs. **29.95**
51 N 434-R. \$5 Monthly.....

New Professional Volt-Amp Tester

G A "must" for precision testing of generators, alternators, and single or double-contact voltage regulators in positive or negative ground systems. Reads from 0-16 volts, and -5 to +60 amps. Overload protection. Chrome; black dial. 5 lbs. **29.95**
51 N 521-R. \$5 Monthly.....

Save Money! Tune Your Own Car with These Precision Instruments

ALLIED 37

Handy Tools and Accessories for Your Car

Oil-Ammeter Water
\$13⁹⁵

OUR TWO MOST POPULAR GAUGE KITS



A

Deluxe Ammeter-Oil Pressure-Water Temperature Gauge Kit

- Impressive Appearance
- Lighted Dials
- Warns of Trouble "Before" Breakdown

A Gives exact oil pressure from 0-80 pounds. Shows rate at which battery is charging or discharging, from -60 to +60 amps. Water temperature gauge reads from 100° to 250°; danger zone is in red numerals. With 2 bulbs, fittings, wire. Polished chrome, heavy die-cast case. Mounts under dash. For 6 or 12-volt systems. 2 lbs.

51 N 424-R.....13.95



B

Oil-Ammeter
\$5⁹⁵

Oil Pressure-Ammeter Gauge Kit Checks Your Engine

- Fancy Diamond-Stripe Chrome Finish
- Illuminated Gauges
- Highly Accurate

B Eliminates the guesswork involved with red warning lights—indicates slightest trouble at the very onset! Oil pressure gauge shows exact pressure from 0-80 pounds. Ammeter shows rate of battery charge or discharge from -60 to +60 amps. Includes bulb, fittings, wire, terminals, easy-to-follow instructions. 1 1/2 lbs.

51 N 419-R.....5.95



C

Voltage, Oil, Amps
\$12⁹⁵



D

Alternator Gauge
\$3⁹⁸

Volt "Chek"-Ammeter-Oil Pressure Gauge Kit

C Same features as (B) at left, but also includes a volt "Chek" gauge that reads battery voltage. Indicates regulator, generator, battery performance. Polished chrome. Wt., 1 1/4 lbs.

51 N 414-R.....12.95

Alternator-Ammeter Gauge Kit

D Indicates exact battery charge or discharge rate from -60 to +60 amps. Dial is in impressive diamond-stripe chrome bracket—mounts under dash. With instructions and fittings. For 12-v. systems. Wt., 1 lb.

51 N 448-R.....3.98



Dash-Mounting Motor Monitor

Constantly Rates Your Engine's Performance... Warns When a Tuneup Is Needed!

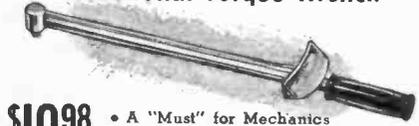
New! \$2⁸⁸

- Combination Vacuum and Fuel Pump Tester With Motor Monitor for Peak Driving Efficiency
- Dial Is Four-Color-Coded for Power, Driving, Idling, and Coasting Ranges

Unique new monitor shows at a glance how you can save gas, drive more efficiently, and reduce engine wear. 2 1/2" meter with 4-color dial mounts on your dash—a handsome and useful accessory. Accurate monitor reads from 0-30 inches vacuum, and 0-7 pounds pressure. Ranges: Power (fast pick up), Driving (economy) Idle, Coasting. Heavy-duty steel case sealed against dust and moisture. With easy-to-follow instructions. Wt., 1 1/4 lbs.

51 N 523-R.....2.88

Professional Torque Wrench



\$10⁹⁸

- A "Must" for Mechanics
- Pivoted handle for Accuracy

0-150 Foot-Pounds. Pivoted handle permits concentrated load position—the only way to obtain accuracy with adapters/extensions. Standard 1/2" square drive. 19" lever length. Accuracy, within 2%. Lightweight, easy to handle. Includes booklet with torque specs on American and foreign cars, small engines, tractors, trucks, heavy equipment, and aircraft. Shpg. wt., 2 1/4 lbs.

51 NX 442-R.....10.98



Universal Twin-Leg Jack
\$9⁹⁸
1 1/2-TON CAPACITY

Universal bumper-hook fits all cars from compact to heavy-weight! Lifts from road level to 34 1/2". Heavy-gauge steel construction, wide-spread legs, swivel-type broad-based feet for safety. Folds flat for storage. 24 lbs.

51 NU 443-R.....9.98

G-C Noise Suppressor Kits

As Low As **\$2⁸⁸**



8 CYLINDER. Reduce AM broadcast interference from motor noise, wheel static, etc. Suppressors for: 8 spark plugs, distributor, coil, generator. 2 antistatic wheel springs, cable, and braid. 1/4 lb.

51 N 444-R.....3.29
51 N 445-R. 6 Cylinder.....2.88

Trunk and Hood Lights



E

\$1⁹⁸



F

\$1⁹⁸

Trunk Light

E Mercury switch automatically turns on light when you open trunk. Easy to install. With bulb, wire, and mounting bracket. For all 12-volt systems. 6 oz.

51 N 446-R.....1.98

Hood Light

F Automatically illuminates engine area when hood is lifted. Similar to above. With bulb, wire, mounting bracket. For all 12-volt systems. Shpg. wt., 5 oz.

51 N 447-R.....1.98

Heavy Duty Chassis Stand



G

\$4⁶⁸



H

Creeper
\$7²⁹

Chassis Stand

G Double strength collar. Steel lock-pin adjustment. Steel rivets. 3-ton capacity. Opens to 19", closes to 13". 9 1/4 lbs.

51 NX 438-R.....4.68

Mechanics Creeper

H For smooth maneuvering. Hardwood frame, plywood body. Foam headrest. 3" iron casters; lock rings. 36x16 1/4", 12 lbs.

51 NX 437-R.....7.29

Big Test Equipment Savings

SENCORE



Was \$73.01
In Catalog 230

Save \$13.06

\$59⁹⁵

\$5 monthly

Checks Over 2000
Different Tube Types

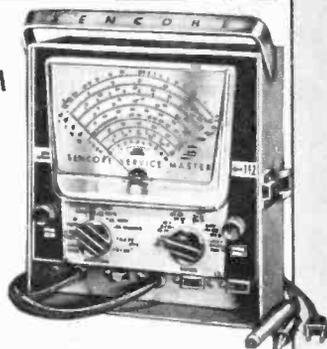
COMBINATION VTVM AND VOM

Was \$78.35
In Catalog 230

Save \$18.40

\$59⁹⁵

\$5 monthly



SM-112 Combination VTVM and VOM

- Two Test Instruments In A Single, Compact Unit
- 11 Meg Input Impedance Minimizes VTVM Circuit Loading

For your pocketbook, a big \$18.40 savings . . . for your convenience, a 2-in-1 test instrument. Features 1% precision resistors, one probe for every test; indicators to show correct VTVM scale; 6" 200 μ s meter. AC-DC Volts: 0-3-10-30-100-300-1000. P-Pv.: 0-2800 in 6 ranges. Accuracy: DC, \pm 3%; AC, \pm 5%. Response (first 4 ranges): 30 cps-4.5 mc. Ohms: VTVM, 0-1000 megs in 6 ranges; VOM, 0-1 meg in 2 ranges. VTVM Input Imp.: 11 megs. VOM Sensitivity: 5000 ohms/v. Zero center. $8\frac{1}{2} \times 7\frac{7}{8} \times 3\frac{1}{2}$ ". With battery. For operation from 110-120 v., 50-60 cycle AC. Shpg. wt., 6 lbs.

69 F 265-R. \$5 Monthly. 59.95

69 F 005-R. High-Voltage Probe Adapter. Fits on end of probe; extends DC range to 30,000 v. Wt., 8 oz. 7.95

Sencore TC-114 "Mighty Mite" Tube Tester

- Tests Cathode Emission, Grid Leakage and All Shorts
- Checks Compactrons, Nuvistors, Novars and Many More

Save over 20% off our 1964 Catalog 230 price. Checks more than 2000 tube types including foreign, 5-star, auto radio types, compactrons, nuvistors, novars, 10-pin miniatures; plus rectifiers from 50-150 ma, power amplifier tubes from 15-35 ma, others at rated current. Tests leakage as high as 100 megs, gas conditions where as little as $\frac{1}{2}$ μ a of grid current flows. Meter glows in dark; has circuit-limiting protection. $10\frac{1}{4} \times 9\frac{1}{4} \times 3\frac{1}{2}$ ". Steel case with handle. For 110-120 v., 50-60 cycle AC. 9 lbs.

69 F 264-R. \$5 Monthly. 59.95

Sencore RC-121 Component Substitution Kit

- Newly Available In Easy-to-Build Kit Form For Greater Economy
- 44 Resistance Values, 30 Capacitance Values, 2 Rectifiers

Now in economical kit form, still offering a complete range of carbon resistors, capacitors, electrolytics and rectifiers. 12—1-watt resistors, 10 to 5600 ohms; 12— $\frac{1}{2}$ -watt, 10K to 5.6 megs; 20—20-watt wirewound power resistors, 2.5 to 15,000 ohms; 10—600 WVDC capacitors, 100 mmf to 0.5 mfd; 10—450 WVDC dual-section, 2 to 250 mfd; 1 selenium and 1 silicon rectifier, each rated 500 ma @ 800 PIV. $6 \times 7 \times 3\frac{1}{2}$ ". With 4 test leads. 5 lbs.

69 F 799-R. \$5 Monthly. 27.95

69 F 072-R. Above, Factory Assembled. \$5 Monthly. 39.15

Component
Substitution
Box—Now In
Easy Kit Form
\$27⁹⁵
\$5 monthly



Transistorized Signal Injector

Was
\$9.95

Now Only
\$8⁹⁵



- Clips to Your Pocket Like A Pen
- Cordless • Detachable Probe

Famous name signal injector reduced. Transistor oscillator, powered by one 1.5-volt penlight battery, produces 1-kc signal rich in harmonics up to 30 mc. Excellent for trouble-shooting radio, TV, telephone circuits, sound systems, transformers. Can be coupled into magnetic circuits without leads. Output voltage, 50 v., p-p. Only $5\frac{1}{2}$ " long; $\frac{1}{2}$ " dia.—fits easily into your pocket. Shpg. wt., 3 oz.

69 F 303-R. 8.95

Hurry—Limited Quantity!

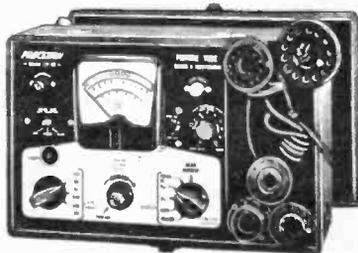
CR-60 CRT Tester and Rejuvenator Reduced Over 20% For Clearance

- Tests and Rejuvenates All Types of Picture Tubes—Black-and-White and Color
- Continuously Variable Heater Voltages

While they last, get the CR-60 at an amazingly low clearance price. Features true beam current test circuit that checks proportionate screen brightness of all picture tubes, including RCA-type color tubes (each gun separately), 90°, 110°, 114°, low G_1 , 19°, 23° tubes. Continuously variable heater voltages from 1.5 to 12 volts checks picture tube testing independent of line voltage variation. Easy-to-read panel meter automatically indicates open or intermittent heater, monitors and shows completion of rejuvenation process; neon light indicates all shorts, hot cathode and inter-electrode leakage. $11\frac{1}{2} \times 7 \times 4\frac{3}{4}$ ". For 110-120 v., 50-60 cycle AC. Wt., 7 lbs.

65 F 105-R. \$5 Monthly. 49.95

PRECISION



Was \$63.65

Save \$13.70

Closeout Price **\$49⁹⁵** \$5 monthly

Express Shipment Recommended for Test Equipment

POLAROID 50-Second Color Print Camera

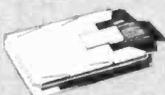
WORLD'S MOST ADVANCED CAMERA

Camera with Flash Gun

\$132⁹⁵ \$7
monthly



EASY TO USE!



**7 Second Loading
with Drop-In
Film Pack**

Automatic "100"—Load It . . . Take It . . . See It

- Extremely Easy to Use—1-2-3-4 Pushbutton Operation
- "Instant-Load" Film Pack Gives 8 Big 3 1/4 x 4 1/4" Prints
- Fully Automatic Electric-Eye Exposures for Perfect Color or Black-and-White Snapshots in Daylight or with Flash

Three revolutionary FIRSTS distinguish the "100." 1. No other camera "automatically" gives glowing full-color prints in just 50 seconds; crisp black-and-white in 10 seconds. 2. No other camera has an electric-eye and transistorized electronic shutter that lets you take perfectly exposed color flash shots "automatically." Chooses the correct exposure from under 1/1000 second to several seconds. 3. No other camera "automatically" makes time exposures, even in a darkened room. And you can take sequence shots—prints develop outside the camera. No coating needed on color prints. Easy-to-use large viewfinder; parallax corrected. Precision coupled rangefinder—focus quickly by simply lining up two images until one covers the other. Weighs less than many 35mm's. Shpg. wt., 4 lbs.

24 V 894-R. Camera with Flash Gun 132.95

Accessories and Film for "100" Camera



A CARRYALL CASE. Holds everything: camera, flash, film, and all accessories. Strap adjustable for hand or shoulder. Black vinyl. Shpg. wt., 2 1/2 lbs.
24 V 882-R 10.95

B DEVELOPMENT TIMER. Assures accuracy in timing picture development. Up to two minutes. Shpg. wt., 4 oz.
24 V 883-R 6.95

C CLOUD FILTER. For use with black-and-white Type 107 film. Shpg. wt., 7 oz.
24 V 885-R 4.95

D CABLE RELEASE. Time exposures without moving the camera. Wt., 4 oz.
24 V 886-R 1.95

E SELF-TIMER. 5-15 second delay lets you get in shot. Snaps automatically. 4 oz.
24 V 884-R 4.95

COLOR FILM. 50-second Type 108 in easy-load pack form. ASA 75. 8 exposures. 6 oz.
24 V 880-R 4.75

BLACK-AND-WHITE FILM 10-second Type 107 in fast-load pack form. ASA 3000. 8 exposures. Shpg. wt., 6 oz.
24 V 879-R 1.98

POLAROID Color and Black-and-White Film for Polaroid Cameras

Save!



Order 3 Rolls at a Time and SAVE!

Quality film for Polaroid cameras at Allied's low prices. Type 48 gives spectacular true-to-life color prints in 50 seconds. ASA speeds; Types 37 and 47, are both 3000; Type 42, 200; Type 48, 75. Black-and-white film, 8 exposures per roll; color, 6 per roll. Wt., 3 oz.

Stock No.	Mfr's Type	Use With These Cameras	PER ROLL	3 ROLLS FOR
24 V 609-R	37	80 Series, J-33	1.58	4.44
24 V 610-R	42	All but 80 Series, J-33, J-66	1.99	5.72
24 V 611-R	47	All but 80, J-33	1.89	5.49
24 V 870-R	48	All but 80 Series, J-33	4.95	13.99

Color Film for 8mm and 35mm Cameras

Dynachrome 35mm Color Film

20 exposures per roll. Low price includes processing and mounting of slides. Shpg. wt., 3 oz.
24 V 868-R. Outdoor Type. ASA 10 2.49
24 V 869-R. Indoor Type. ASA 16 2.49

Dynachrome 8mm Color Film

Processing included—nothing extra to pay! 25-ft. spool; 50-ft. reel after processing. Projection time, 4 minutes at 16 frames per second. 2 oz.
24 V 621-R. Outdoor Type. ASA 10 2.49
24 V 622-R. Indoor Type. ASA 16 2.49

Anso 8mm Color Moviechrome Film

Fine-grain emulsion for sharp pictures. Includes processing. 25-ft. spool; 50-ft. reel after processing. 2 oz.
24 V 805-R. Outdoor. ASA 20 2.39
24 V 806-R. Indoor. ASA 10 2.39



BELL & HOWELL

**Deluxe 8mm Movie Outfit
with Electric-Eye ZOOM Camera**

Complete Outfit **\$199⁹⁵** \$10 monthly

**Automatic 8mm Home Movie Outfit
With Quality Movie-Making Extras**

Looking for a moderately priced home movie outfit? Look no further—this Bell & Howell outfit has all you need: Model 310F 8mm automatic Electric-Eye Zoom camera with pistol grip and leather carrying case; Model 256A 8mm automatic threading projector; 30x40" beaded screen with tripod; light bar and two 375-watt lamps; compact projection table; an entertaining feature length cartoon; lens cleaner; and instruction booklet.

310F camera features a coated 11-element, f/1.8 zoom lens with fully automatic electric-eye control. Zoom in for close-ups, zoom out for panoramic views with 9-27mm lens. ASA speeds from 5 to 40. Viewfinder always shows exactly what lens sees. Convenience features include beacon to warn of insufficient light, 3-way starting button, automatic footage indicator and long, 10-ft. film run on single winding. Die-cast aluminum construction.

Projector threads film automatically in only 3 seconds. So easy to use, you can operate it perfectly the very first time. Has still-picture and reverse controls, automatic loop setter. 400' reel capacity for half-hour shows. Aluminum housing serves as self-contained carrying case. Shpg. wt., 40 lbs. Shipped express.
23 V 032-4R. \$10 Monthly..... 199.95



**Electric-Eye Z-O-O-M
8mm Movie Outfit
Everything for
"Shoot-and-
Show"**

YASHICA 35 and 8mm Cameras



**New "Lynx 5000" 35mm
Camera with Coupled CdS**

Includes Leather Case **\$84⁹⁵** \$5 monthly

Popularly priced—handles like a "Pro" to give you beautiful shots from your very first "click!" Sensitive cadmium sulphide exposure meter adjusts for ASA 10-5000. Yashinon 45mm f1.8 color-corrected lens. Coupled rangefinder-viewfinder with bright frame and parallax correction for accurate framing and quick focusing. Shutter speeds: 1 sec. to 1/1000 sec. Single-stroke film advance. MX flash synch; built-in self-timer. With case. From Japan. 3 lbs.
24 V 895-R..... 84.95



**Deluxe J-3 35mm Camera
with Shutter-Coupled CdS Meter**

Includes Leather Case **\$139⁹⁵** \$7 monthly

Whether you're a professional or amateur, this camera is for you. Has a galaxy of features: Yashinon 50mm f2 hard-coated lens with convenient screw mount for accessory lenses; super-sensitive cadmium sulphide exposure meter coupled with shutter speed control; self-timer and single-stroke diaphragm opening lever; instant-return focusing mirror. ASA 12-800. Speeds from 1/2 to 1/500, plus X and B settings. With case. From Japan. Wt., 3 1/2 lbs.
24 V 857-R..... 139.95



**8mm
ZOOM**

Save Over **\$10.00**
Off Catalog
230 Price

\$129⁸⁸
\$7 monthly

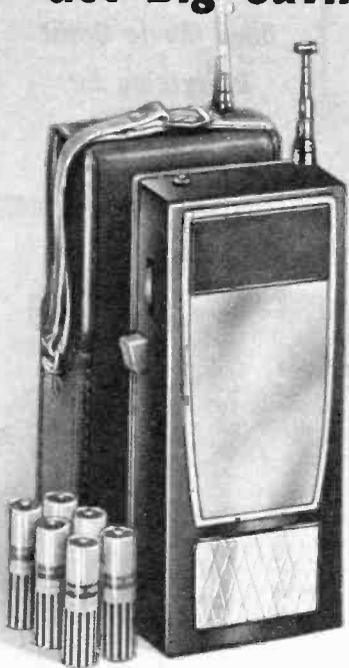
**8U-P All-Electric 8mm Movie
Camera with Power Zoom**

Just point and shoot—it's electrically operated by two motors—no winding. 28mm zoom close-ups or 9mm panoramic shots. CdS electric eye sets f1.8 lens. Reflex viewing. ASA 10-640. 12, 16, 24 fps. Rewind key, footage counter; manual over-ride of "eye" for trick effects; built-in battery check. Spool loading. With remote, 16' control cable, batteries, pistol grip, wrist strap and lens cap. From Japan. Shpg. wt. 6 lbs. Shipped express.
24 V 851-R. Was \$139.95..... 129.88

You'll Have Loads of Fun Making Your Own Movies and Slides

ALLIED 41

Get Big Savings Now on CB Walkie-Talkies



Save
\$6.90

When You
Buy a Pair

\$2995
Each

\$5 monthly

2 or More

\$2650
Each

\$5 monthly

Deluxe 10-Transistor Walkie-Talkie

100-mw transmitter gives two-way communications up to a mile, or more, depending on terrain. Automatic noise limiter helps "block out" interference. Telescoping antenna. Sensitivity: 2 μ v for 10-db signal-to-noise ratio. With leather carrying case, crystals for channel 14, batteries (uses 6). 7 $\frac{1}{16}$ x3 $\frac{1}{8}$ x1 $\frac{1}{2}$ ". From Japan. 2 $\frac{1}{2}$ lbs.

24 SC 173-R. \$5 Monthly. Each 29.95
TWO OR MORE. Each 26.50

EXTRA CRYSTALS. Specify channel 1-22. Wt., 3 oz.

90 SS 371-R. Transmit Crystal. Each 2.50

90 SS 372-R. Receive Crystal. Each 2.50

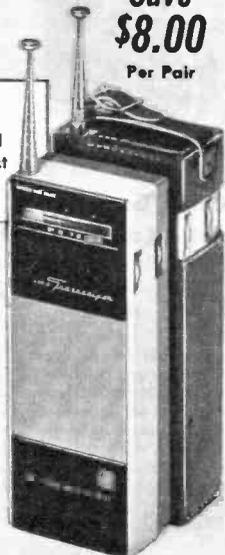
55 J 870-R. Extra Batteries. Wt., 5 oz. Pkg. of 2 for 20¢

10-Transistor Walkie-Talkie with Built-In AM Radio

Save
\$8.00
Per Pair

Each 2 or More
\$3695 **\$3295**
\$5 monthly \$5 monthly

Receives
Standard
Broadcast
Band



For one low price, you get an AM radio, plus a walkie-talkie that reaches out to distances of a mile or more, terrain permitting. Has RF stage in crystal controlled superhet receiver for strong reception. Full 100-mw transmitter. Handy press-to-talk switch, 2 $\frac{1}{4}$ " speaker/microphone, and 59" telescoping whip antenna. 6 $\frac{3}{8}$ x2 $\frac{3}{4}$ x1 $\frac{3}{8}$ ". With batteries, earphone, leather carrying case and strap, receive and transmit crystals (operates on ch. 14 only). From Japan. 2 lbs.

24 SC 163-R. Each 36.95

2 OR MORE. Each 32.95

55 J 870-R. Extra Batteries. Uses 8. Shpg. wt., 4 oz. 2 for 20¢



Save
\$10.14

When You
Buy a Pair

\$2688
Each

\$5 monthly

2 or More

\$2488
Each

\$5 monthly

Low-Cost 9-Transistor Walkie-Talkie

Limited quantity. Buy a pair, save \$10.14 off our Catalog 230 2-or-more price. Offers reliable communications up to a mile or more. Boasts a crystal-controlled superhet receiver. 57" telescoping antenna. With earphone (in-addition to built-in speaker), carry case, crystals for channel 7. Size, 6 $\frac{5}{8}$ x2 $\frac{1}{2}$ x1 $\frac{1}{2}$ ". Less batteries (uses 7), below. From Japan. Shpg. wt., 1 $\frac{1}{2}$ lbs.

24 SC 193-R. \$5 Monthly. Each 26.88

TWO OR MORE. Each 24.88

EXTRA CRYSTALS. Specify channel 1-22. Wt., 3 oz.

90 SS 353-R. Transmit Crystal. Each 2.50

90 SS 375-R. Receive Crystal. Each 2.50

55 J 870. Batteries. 5 oz. Pkg. of 2 for 20¢

9-Transistor Walkie-Talkies with Battery-Life Indicators

PER PAIR
\$5995 \$5
monthly

SPECIAL
OFFER

Communicate at distances of one mile or more. Superhet crystal-controlled receivers have RF stage for outstanding sensitivity. Full 100-mw transmitter inputs. Level indicators in volume control (on front panel) warn you when battery runs low. 2 $\frac{1}{4}$ " speaker/microphones, 59" telescoping whip antennas, and earphone jacks. 6 $\frac{3}{8}$ x2 $\frac{3}{8}$ x1 $\frac{1}{2}$ ". Each includes crystals for channel 9, battery, earphone, carrying strap. Extra crystals above (90 SS 353, 90 SS 375). From Japan. Shpg. wt., 4 lbs. Sold only in pairs.

24 SC 162-R. Per Pair 59.95

55 J 999-R. Extra Batteries. Each unit uses one. 6 oz. 3 for 79¢



PRICE CUT \$15.00 ON KN-2560



Never Before Offered at Less Than \$214.95!

GREAT RANGE!



Includes Press-to-Talk, Noise-Cancelling Mike and Coiled Cord.

Knight KN-2560 23-Channel 10-Watt PEP Double Sideband Citizens Band Transceiver

Save \$15.00

Now Only \$199.95 \$10 monthly

QUANTITIES LIMITED

Unique Double Sideband Reduced Carrier Transmission Increases Effective Operating Range—Is Fully Compatible With Any Existing CB Station Equipment.

- Frequency Synthesis Circuitry for 23-Channel Crystal Control
- Universal Power Supply for 115 VAC base and 12 VDC Mobile Use
- Dual Conversion; Delta Tuning; Illuminated "S" /Relative Power Meter

Don't miss this terrific buy—Knight's famous KN-2560 CB Transceiver at huge \$15.00 savings! Incorporates the newest engineering developments to bring you more meaningful power than ever before. Even under the most adverse conditions, the KN-2560 provides sure-fire, reliable communications. Delivers the maximum power within FCC regulations, and thanks to double sideband, reduced-carrier modulation system, you get a greater effective operating range. And, it's fully compatible with any existing CB transceiver.

Dual-conversion superhet receiver has 1/2 μv sensitivity for 10 db S/N ratio. Selectivity is 3.5 kc at 6 db down; image rejection is 90 db; adjacent channel rejection is 70 db. Also has adjustable squelch; noise limiter; 4 1/2" speaker; external speaker terminals. Delta tuning circuit brings in stations ±3.5 kc off frequency. Illuminated meter reads "S" units, RF output power.

Transmitter section has 10-watt PEP modulation capability, pi-network output. With press-to-talk microphone and coil cord, transmit and receiver crystals for all 23 channels, and AC and DC power cords. Size, 5 1/2 x 11 1/2 x 9 3/4". Universal power supply is for 105-125 v., 60 cycle AC base station use and 12 volt DC mobile operation. Shpg. wt., 15 lbs.

90 SX 467-R. Was \$214.95. \$10 Monthly Reduced to 199.95
86 SX 324-R. Mobile Mounting Bracket. Wt., 3 lbs. 9.95

KN-2560 Deluxe CB Outfits
Base Outfit—Save \$23.32

Complete **\$224.95** \$11 monthly

Here's everything you need for reliable CB communications. Includes: Knight KN-2560 CB Transceiver; Antenna Specialists M-81 Ground Plane Antenna; 100-Ft. of RG-58/U Coaxial Cable; and 2—PL-259 Connectors. Omnidirectional ground plane antenna provides effective 6 db gain. 5-section 207" aluminum 1/2-wave radiator. 54" radials. U-bolts fit most masts. Shpg. wt., 30 lbs.
23 SU 287-3R..... 224.95

Mobile Outfit—Save \$17.64

Complete **\$211.95** \$11 monthly

Top-notch mobile outfit for car, boat, or truck. You get: Knight KN-2560 CB Transceiver; and Antenna Specialists M-103 Center-Loaded Citizens Band Whip Antenna With Cable and Plugs Chromed telescoping whip has single-hole body mount. Divider has cables and plugs for both CB unit and AM radio. Shpg. wt., 19 lbs.
23 SU 125-2R..... 211.95

Dollar-Saving Knight CB Gear Is Your Best Buy



One of the Greatest CB Buys Ever Offered

Save \$50.00

**PRICE SLASHED ON FAMOUS
RCA MARK VIII CB TRANSCEIVER**



Now Only \$99⁵⁰ \$5 monthly

Save on These Combinations

Mark VIII and M-81 Antenna

\$118.95 Save \$54.92

Off Regular Prices of
Transceiver and
Antenna
Less Cable

Terrific combination for fixed station use—the Mark VIII transceiver and Antenna Specialists M-81 ground plane antenna. Antenna has omnidirectional pattern, effective 6 db gain. Has 5-section, 207", aluminum 1/2-wave radiator and 54" radials. Matches 52-ohm transmission lines. Fits most masts. Less cable. Shpg. wt., 26 lbs. Shipped by express.

\$6 Monthly.
23 SU 772-2R..... 118.95

Mark VIII and M-103 Mobile Whip

\$111.95 Save \$52.19

Off Regular Prices of
Transceiver
and Antenna
Less DC
Supply

Ideal combination for mobile use—the Mark VIII CB transceiver and Antenna Specialists M-103 center-loaded mobile whip. Antenna works on both CB and AM broadcast bands without need for switching. Chromed telescoping whip has single-hole body mount. Divider has cables, plugs for both AM radio and CB unit. Less DC supply. Shpg. wt., 14 lbs. Shipped by express.

\$6 Monthly.
23 SU 773-2R..... 111.95

Mark VIII Citizens Band Transceiver

- 5-Watt Transmitter; Deluxe Superhet Receiver
- Excellent Transmitter Modulation Characteristics
- Fully Adjustable Squelch Circuit for Quieting
- Completely Electronic Switching—No Relay Noise

Take advantage of our giant \$50.00 price slash on this popular Citizens Band transceiver! Whether you are considering Citizens Band Radio for business or for your own personal convenience, RCA's Mark VIII has everything you need. Unit features an efficient 5-watt transmitter section combined with a highly selective superhet receiver section with one RF and two IF amplifiers. Has 9 crystal-controlled receive-transmit channels. Pilot lamps behind dials show channel in use. Receiver is also continuously tunable across all 23 CB channels—dial is calibrated in both channel numbers and frequencies.

Other outstanding features include: built-in AC power supply for base station operation; improved ANL that reduces interference with TV sets; electronic switching that eliminates relay noise and chatter; and powerful 2 1/2-watt audio output for plenty of volume. Slim design permits under-the-dash mounting even in compact cars—measures only 3 1/2" high, 11 1/4" wide, and 8" deep. With ceramic push-to-talk microphone and coiled cord, power cord, channel 7 crystals and crystal marker kit with labels. Less mobile power supplies (see below). Crystals for other channels listed below. For 110-120 volts, 60 cycle AC. Shpg. wt., 10 lbs.

86 SX 075-R. \$5 Monthly..... 99.50

12 VDC MOBILE POWER SUPPLY. 4x7x3 1/2". Shpg. wt., 7 lbs.
86 SX 077-R. \$5 Monthly..... 19.95

6 VDC MOBILE POWER SUPPLY. 4x7x3 1/2". Shpg. wt., 7 lbs.
86 SX 078-R. \$5 Monthly..... 19.95

EXTRA TRANSMIT CRYSTALS. Channels 1-22—specify. 3 oz.
86 SS 602-R..... Each 2.50

EXTRA RECEIVE CRYSTALS. Channels 1-22—specify. 3 oz.
99 SS 359-R..... Each 2.50

Reliable Citizens Band Units from *hallicrafters*



NEW! Six-Channel
CB Transceiver

Top Performance at Low Cost

only **\$99⁹⁵** \$5
monthly



Built-In Power Supply for Both Fixed and Mobile Operation

5-Watt Transmitter with 100% Modulation Capability

Optional S-Meter Kit Builds Into Front Panel

Model CB-7 Citizens Band Transceiver

Beautifully designed unit at a budget-stretching price! Ready to operate from 115-volt AC base station or from 12-volt DC mobile systems—mounting bracket and power cords are included. Includes: provision for 6 crystal-controlled transmit-receive channels; all-electronic push-to-talk circuitry; 5-watt transmitter; compact 5x12x7" cabinet; receiver sensitivity of 1 μ v for 10 db S/N; and many other features. Drop-down type chassis makes it easy to build-in optional accessories (be-

low). With push-to-talk microphone and coil-cord; crystals for channel 11. For 110-120 v., 50-60 cycle AC and 12 v. DC. Less accessories below. Shpg. wt., 14 lbs.

86 SX 563-R. \$5 Monthly. 99.95

90 S 417-R. HA-9 S-Meter Kit. Builds into front panel of CB-7 in minutes. 2 lbs. 8.95

86 S 564-R. HA-13 VFO. Permits reception of all 23 CB channels. Shpg. wt., 1 lb. 14.95



hallicrafters DELUXE CB EQUIPMENT

Save \$20.00

\$159.95 in
Our 1964 Catalog

\$139⁹⁵

\$7 monthly

Save \$40.00
Reg. \$219.95
\$179⁹⁵
\$9 monthly



Both Units
with
Push-to-Talk
Coiled-Cord
Microphones

A CB-5 Mark II Mobile Transceiver

- Low Current-Drain Transistorized Circuit
- Built-In Mobile Power Supply for 12-Volt DC Operation

Efficient, transistorized mobile unit at an exciting price savings! Advanced, solid-state circuit makes possible a genuine breakthrough in noise suppression. Unit utilizes a nickel alloy, high-permeability toroid filter that virtually eliminates pick-up of conducted noise. Automatic series noise limiter cuts radiated noise so drastically, external noise-stopping devices are unnecessary. Also features 6 crystal-controlled channels; 1 μ v sensitivity for 10 db S/N; 5-watt transmitter with 100% modulation. 3 $\frac{1}{4}$ x10 $\frac{1}{4}$ x8 $\frac{1}{4}$ ". With push-to-talk ceramic mike and crystals for channel 11. For 12 volts DC. Shpg. wt., 13 lbs.

86 SX 074-R. \$9 Monthly. 179.95

86 SX 076-R. P5-120 AC Power Supply. Save \$5.00 With slim, matching pedestal. For 110-120 v., AC. 7 lbs. 39.95

B CB-3A Citizens Band Transceiver

- Eight Crystal-Controlled Channels for Added Convenience
- Built-In Power Supply for Fixed and Mobile Operation

Now you can own this widely acclaimed transceiver at a special Allied discount price! Dual-conversion receiver provides 6-kc selectivity and 40-db adjacent channel rejection; sensitivity better than 1 μ v for 10 db S/N. Includes adjustable squelch, dual limiters to reduce impulse interference. 5-watt transmitter has link-coupled output; matches 25 to 75-ohm lines. Trap circuit cuts down interference to TV sets. Compact, only 5 $\frac{1}{2}$ x12x8". Removable panels permit easy installation of optional accessories (below). With push-to-talk mike and coil-cord, crystals for channel 11. For 110-120 v., 50-60 cycle AC. Wt., 14 lbs.

90 SU 411-R. \$7 Monthly. 139.95

90 S 417-R. HA-9 Illuminated S-Meter Kit. 2 lbs. 8.95
86 S 564-R. HA-13 VFO. For all-channel tuning. 1 lb. 14.95

Big Values in Popular Citizens Band Equipment



FIRST TIME EVER REDUCED

Save \$20.00 Off Big Book Price of Popular Eico 772



Built-in Mobile/Fixed Power Supplies

EICO
 In Kit \$69.95 In Wired \$99.95
 Form \$5 monthly Form \$5 monthly

Was \$89.95 Was \$119.95

772K 5-Watt CB Transceiver Kit

Get this easy-to-assemble transceiver kit during this sale and save a big \$20.00 off the regular catalog price. Has 5-watt, 4-channel, crystal controlled transmitter and superhet receiver with an RF stage for 1 μ v sensitivity, a noise limiter and adjustable squelch for quiet reception. Transmitter employs plate modulation with automatic limiting; pi-network output permits use with almost any type antenna; and a metering jack for checking power input. Receiver tunes all channels—it can be crystal controlled on 4 channels. Circuit employs 8 tubes plus a germanium diode. With mounting bracket, press-to-talk ceramic mike, 1 transmit crystal. 6x8 1/2 x 9". For 110-120 v., 60 cycle AC or 12 volts DC. Wt., 13 lbs.
90 SX 139-R. \$5 Monthly 69.95
90 SX 140-R. Model 772. Same as above, but factory wired and tested. \$5 Monthly 99.95

"Courier-23" 23-Channel CB Transceiver

\$189.50
 \$10 monthly

- Frequency Synthesizing Circuit for Full Crystal Control on All 23 Channels—No Crystals to Buy
- Transistorized Power Supply for Both Fixed Station and Mobile Operation

Outstanding Citizens Band transceiver brings you a wealth of desirable features. Efficient frequency synthesizing circuit offers full crystal-controlled transmit and receive operation on all 23 CB channels. Simple single-knob channel selector couples with an illuminated window that shows channel in use. Dual-conversion superhet receiver section provides superb .25 μ v sensitivity for 10 db signal-to-noise ratio. Selectivity is 3 kc at 6 db down; image rejection is better than 60 db. Includes 6 mc and 455-kc IFs. A 3-kc bandspread control enables you to tune all incoming signals to razor sharpness. Adjustable squelch control silences receiver during standby period.

Transmitter section offers full legal 5-watt input with 3 watts or more output and 100% modulation capacity. Pi-network coupling matches 30 to 100-ohm transmission lines. Harmonic suppression reduces TVI. Transistorized power supply permits both fixed station and mobile operation.

Illuminated meter registers "S" units and relative RF output. Panel light gives relative modulation indication. Front-panel switch lets you use the "Courier 23" as a fixed or mobile 3.5-watt PA system—PA speakers plug into jack on rear apron. Unit also includes automatic noise limiter, built-in 4" weatherproof-speaker, external speaker/headphone jack. Uses 9 tubes, 3 diodes, and 2 silicon rectifiers. With push-to-talk, noise cancelling mike on coiled cord, mobile mounting bracket, AC and DC power cords. 4 3/4 x 12 3/8 x 7 1/2". For 110-125 volts, 50-60 cycle AC or 12 volts DC. Shpg. wt., 17 lbs.
86 SX 565-R. \$10 Monthly 189.50

Giant Savings on Cadre Model 510A CB Transceiver



Portable Pack for Model 510A

510A Alone
\$149.95
 \$8 monthly
Save \$50.00

Package
\$199.95
 \$10 monthly
Save \$56.85

- Fully Transistorized; For Base or Mobile Use
- 5 Crystal-Controlled Transmit-Receive Channels
- All-Channel Vernier Receiver Tuning

A regular \$199.95 value, the compact 510A is now yours at a big \$50.00 savings—and if you purchase the complete package, including the 510A, a portable pack and 2 rechargeable batteries, you save \$56.85! Fully transistorized, the 510A operates from 115 v., 60 cycle AC and 12 v. DC—and with portable pack and 2 batteries, it provides outstanding portable operation. Dual-conversion receiver has 1/2 μ v sensitivity, adjustable squelch, noise limiter. 5-watt transmitter has speech clipping, pi-network output. 3 1/2 x 11 3/8 x 5 3/8". With press-to-talk mike, crystals for channel 11, mobile mtg. bracket, power cords. Pkg. wt., 16 lbs.
23 SU 774-4R. 510A, Pack, 2 Batteries. 199.95
86 SX 267-R. 510A Alone. 11 lbs. 149.95
86 S 005-R. Pack Alone. Wt., 3 lbs. 34.95
86 S 006-R. 500-2 Batteries. 14 oz. Each 10.95

1¢ Sale with Johnson "Messengers"



only 1¢ more

Pick Antenna When You Buy "Messenger II" or "III"

Save up to \$24.36

"Messenger II"
Citizens Band Transceiver
\$169.95 \$9 monthly
With Built-In Power Supply for Fixed or Mobile Use

Buy this versatile transceiver now, and for just 1¢ more take your choice of any one of the four antennas listed at right! "Messenger II" offers a choice of 10 crystal-controlled transmit-receive channels selected with front-panel switch (channel in use indicated by illuminated number). Also provides for receiver tuning of all 23 CB channels.

Sensitive superhet receiver provides high adjacent channel rejection; includes high efficiency noise limiter, AVC and positive-action squelch control for quiet, noise-free operation. Transmitter operates on full legal 5-watt input with 100% modulation capability. Power supplies for 110-120 v. AC or 12 DC.

Handsome finished in chrome, black and tan. 5 $\frac{5}{8}$ "x7 $\frac{1}{2}$ "x11 $\frac{3}{8}$ ". With press-to-talk ceramic mike with coiled cord, power cords, transmit-receive crystals for one channel. Shpg. wt. of "Messenger II" alone, 16 lbs. Specify choice of antenna. \$9 Monthly.

23 SU 114-2R. With Antenna..... 169.96
86 SX 002-R. "Messenger II" Alone 169.95
EXTRA CRYSTALS. Specify channel. Wt., 3 oz.
90 SS 354-R. Transmit..... Each 2.50
90 SS 376-R. Receive..... Each 2.50



A ANTENNA SPECIALISTS M-81.

1/2-wave ground plane; 54" radials; 6 db gain. 10 lbs.
90 CU 278-R

..... 24.37

B ANTENNA SPECIALISTS M-103.

Mobile whip; works on CB and AM without switching. With plugs, cables. 4 lbs.
90 SX 459-R

..... 14.64

C ANTENNA SPECIALISTS M-67.

44" whip with mount. 12-ft. RG-58U, PL-259. 2 lbs.
90 SX 142-R

..... 13.18

D HY-GAIN VP-1.

1/2-wave vertical; 10 db gain. Less cable. 6 lbs.
90 SX 397-R

..... 19.95

New "Messenger III"
Citizens Band Transceiver

\$189.95
\$10 monthly

Fully Transistorized CB Unit... Ultra-Compact, Lightweight... Operates on Full 5-Watt Power Input, 100% Modulated

The exciting new "Messenger III" includes all the features you've ever wanted in a CB transceiver—and as an added bonus, for only 1¢ more, you can choose any one of the four fine antennas shown at left. Measuring only 6 $\frac{3}{4}$ "x8 $\frac{3}{4}$ "x2 $\frac{3}{16}$ ", this versatile unit is equipped with a 12-volt supply for mobile use. Or, mount optional self-contained power supply (below) to operate from 115 v., 60 cycle AC.

Unit provides 11 crystal-controlled channels. Sensitive and selective dual-conversion receiver uses high 1st I.F. (4.3 mc) for excellent spurious and image rejection. Transmitter delivers higher-than-average output from its 5-watt input. Unit can be used as a 3-watt P.A. system by simply flipping a switch. With push-to-talk mike, crystal for one channel. Less AC power supply (below). Shpg. wt. of "Messenger III" alone, 9 lbs. \$10 Monthly.

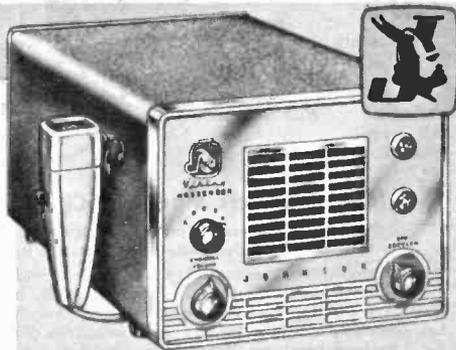
23 SU 775-2R. With Antenna..... 189.96
86 SX 497-R. "Messenger III" Alone 189.95
86 SX 498-R. AC Power Supply. 5 lbs. 29.95
EXTRA CRYSTALS. Specify Channel. 3 oz.
90 SS 394-R. Transmit..... Each 2.50
90 SS 963-R. Receive..... Each 2.50

Famous "Messenger I" Transceiver at Big Savings

- New Low Price for this Top CB Performer
- Provides Choice of 5 Crystal-Controlled Transmit-Receive Channels
- Transmitter Operates at Fully Modulated 5-Watt Power Input
- Receiver Section Has Ultra-Sensitive Superhet Circuit
- With Automatic Noise Limiter and Adjustable Squelch

Famous Citizens Band transceiver at an astonishingly low price! The "Messenger I" operates from either 115 volts, 60 cycle AC or 12 volts DC—an ideal unit for both fixed station and mobile use. It features an ultra-sensitive and selective receiver section with superhet circuit, automatic noise limiter, and adjustable squelch. Efficient transmitter section operates at full legal 5-watt power input, fully modulated. Unit has handy transmit-receive switch that instantly selects one of 5 crystal-controlled transmit-receive channels. Housed in extremely compact, handsome chrome-trimmed case measuring only 5 $\frac{5}{8}$ "x7 $\frac{1}{2}$ "x11 $\frac{3}{8}$ ". Supplied complete with push-to-talk ceramic mike, power cords for AC and DC operation, and a pair of transmit-receive crystals for one channel. Shpg. wt., 16 lbs.

90 SX 414-R. \$6 Monthly..... 114.95
90 SS 352-R. Extra Transmit Crystal. Specify channel. 3 oz..... 2.50
90 SS 362-R. Extra Receive Crystal. Specify channel. 3 oz..... 2.50



Now Only
\$114.95
\$6 monthly

Save
\$25.00

You Get More for Your Money at Allied

ALLIED 47

Citizens Band Transceivers with Free Antenna



Save up to \$29.95

Sonar

**Model FS-23
CB Transceiver**

With Antenna
\$299.95
\$15 monthly

Select any one of the six antennas at right—yours FREE when you buy the Sonar FS-23 transceiver. Features frequency synthesizing for full crystal-controlled operation on all 23 CB channels. Dual-conversion receiver has nuvistor RF amplifier, 0.35 μ v sensitivity for 10 db signal-to-noise ratio, ± 2.5 kc selectivity at 6 db down. Offers automatic gain control circuit, variable squelch action, S-meter, 3x5" speaker plus external speaker jack. Transmitter has 5-watt input with 100% modulation capability, press-to-talk operation. Also has RF gain control, ITC tuning. Accessory VOX unit and 2-tone squelch unit available, below. Built-in power supply for 110-120 v., 50-60 cycle AC or 12 v. DC. Shpg. wt., 14 lbs.
23 SU 167-2R, Specify Antenna 299.95
86 S 480-R, VOX Unit, 2 lbs. 39.95
86 S 481-R, 2-Tone Squelch, 2 lbs. 49.95

FREE When You Buy
Sonar or Poly-Comm

- A** HY-GAIN CLR-II. Omnidirectional, $\frac{3}{4}$ db gain. 52 ohms, 1.2:1 SWR. Aluminum 19"11" radiator, 9' radials. For 1 $\frac{3}{4}$ " masts. 16 lbs.
86 SX 422-R 29.95
- B** HY-GAIN VP-II. Omnidirectional ground plane. 6 db gain. 50 ohms. Aluminum 16" radiator, 54" radials. For 1 $\frac{3}{4}$ " masts. 10 lbs.
86 SX 400-R 24.50
- C** ANTENNA SPECIALISTS M-23. 102" stainless steel mobile whip with coax body mount, spring, 20' RG-58/U, 2-PL-259. 6 lbs.
89 CZ 793-R 17.46
- D** ANTENNA SPECIALISTS MB-24. 102" stainless steel mobile whip, spring, double-chain bumper mount, 20' RG-58/U, PL-259, hold-down clip. Shpg. wt., 7 lbs.
89 CZ 794-R 18.67
- E** ANTENNA SPECIALISTS M-74. 44" stainless steel whip, cowl mount, 12' RG-58/U, PL-259. 12 lbs.
89 SX 797-R 18.94
- F** B&K/MARK CBB-1. $\frac{1}{2}$ -wave vertical antenna uses no radials or skirts. 1 db gain. 17" aluminum radiator, 50-ohm matching stub. 8 lbs.
90 CZ 136-R 21.95

NEW!



Save Up to \$29.95

POLYTRONICS

**Poly-Comm
Model 23**

With Antenna
\$299.50
\$15 monthly

Select any one of the six antennas at left—yours FREE when you buy the Polytronics Poly-Comm "23." This top-notch transceiver is really loaded with deluxe features. Frequency synthesizer circuit provides crystal-controlled transmit and receive on all 23 channels. Dual-conversion superhet receiver has nuvistor RF and mixer sections, squelch control, noise limiter. All-electronic switching circuitry eliminates relays. 5-watt input transmitter section matches 50-72 ohm lines. S-meter doubles as RF output and modulation meter; transceiver doubles as a 5-watt PA amplifier. Supplied complete with press-to-talk mike, mobile mounting bracket, power cords and 2625 kc tone filter. Size, 4 $\frac{1}{2}$ x12x8 $\frac{1}{2}$ ". Built-in power supply for 110-120 v., 50-60 cycle AC or 12 v. DC. Shpg. wt., 25 lbs.
23 SU 777-2R, Specify Antenna 299.50

Just In! Latest Citizens Band Equipment

NEW!
\$169.50
\$9 monthly



Complete... With
All Crystals,
Mike, Power Cords

Multi Products Model SS Citi-Fone

- Provides Operation on All 23 CB Channels
- Uses Crystal Synthesis—No Crystals to Buy

New CB transceiver uses crystal synthesizer to provide outstanding operation on all 23 Citizens Band channels. Includes all necessary crystals; no extra crystals to buy. Receiver section has sensitivity of 0.5 μ v for 10:1 S/N; selectivity of 6 db down for 7-kc total bandpass. Transmitter operates at full legal 5-watt input; uses crisp, clean high level modulation. Other features include: automatic gate type noise limiter; "noise immune" squelch; pi-network output; illuminated panel meter which serves as "S" meter in receive mode, relative output indicator in transmit mode. Size, 8x11x4 $\frac{1}{4}$ ". With all crystals, 2 power cords, mtg. bracket, mike and hanger. For 110-120 v., AC or 12 v. DC. Shpg. wt., 15 lbs.
86 SX 661-R, \$9 Monthly 169.50

NEW!
\$159.50
\$8 monthly

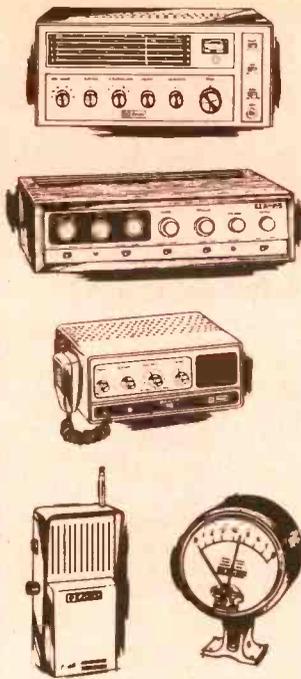


Reliable...
Simple to
Operate

E.C.I. "Fleet Courier" Transceiver

- 5 Crystal Controlled Channels; No Circuits to Tune
- Ideal for Base Station or Mobile Use

Dependable unit for the operator who requires heavy duty construction. Simple to operate—front panel switch selects any of 5 crystal-controlled transmit-receive channels for accurate, drift-free communications. For fixed station or mobile use; operates from 110-120 v., AC or 12 v. DC. Superhet receiver section has sensitivity better than .25 μ v for noise 6 db down. Selectivity is 4 kc at points 6 db down. 5-watt transmitter has pi-network coupling. Heavy gauge steel cabinet, chrome plated. Compact size, 4 $\frac{1}{2}$ x8 $\frac{1}{4}$ x11". With crystals for one channel, mike and power cords. Shpg. wt., 20 lbs.
86 SX 675-R, \$8 Monthly 159.50



NOW...

NEW SALE PRICES plus SPECIAL BONUSES

with your purchase of any *knight-kit*[®]
during our Summer Supplement 236 Sale

Knight-Kits, the kits that make you a kit-building expert—even with no previous experience—offer you even greater savings during this Big Summertime Sale. Have fun learning about electronics as you build. Enjoy the feeling of accomplishment when you've finished—and the pride of owning custom engineered and styled equipment that you've built yourself. If you like to build kits, or have always wanted to; look at the Knight-Kits on pages 51-64.

**USE SPECIAL BONUS COUPONS BELOW TO SAVE EVEN MORE
HURRY—SALE PRICES END SEPT. 15, 1964**



WEN

Special Bonus Coupon Saves You \$1.66 on Soldering Pistol
with your purchase of any *knight-kit*[®]

New Wen Model 75 Soldering Pistol

Special Price
with your kit order **\$1.98**

SELLS FOR \$3.64. Versatile gun with automatic thermal regulation that draws 30 to 50 watts, depending on the job. Has built-in, prefocused spotlight. U.L. and C.S.A. Listed. Just send in coupon with your Knight-Kit order, and specify Stock No. 83 Y 076-R on your order blank. Wt., 1 1/4 lbs.

KK-236

CLIP COUPON AND SEND IN WITH YOUR KNIGHT-KIT ORDER



Special Price
98c

with your kit order

Special Bonus Coupon Saves You \$1.46 on Soldering Iron
with your purchase of any *knight-kit*[®]

Ungar Soldering Iron

SELLS FOR \$2.44. Slender 40-watt pencil for printed circuit, miniature and subminiature work as well as all general soldering applications. Develops 800° F tip temperature with remarkable speed. U.L. Listed. Send in this coupon with your Knight-Kit order, and specify Stock No. 83 Y 278-R on order blank. Shpg. wt., 6 oz.

KK-236

CLIP COUPON AND SEND IN WITH YOUR KNIGHT-KIT ORDER

Don't Delay... Buy Your Knight-Kit Project Now... and SAVE!



knight-kit® CLEARANCE... PRICES CUT ON ALL-TRANSISTOR WIRELESS INTERCOM KIT



Save Up to \$13.10
on 4-Station System

Now Only **\$16⁹⁵**
Per Station

- Use as Many Stations as Necessary to Meet Your Needs
- Economical to Use—4 Watts Drain
- Fun and Easy to Assemble



Price slashed on this deluxe intercom kit! Provides years of dependable communications in the home, office, or between adjacent buildings on the same power-company line transformer. Completely transistorized circuit for wireless operation. Move stations from place to place as desired—just plug into any wall socket and you're ready to talk!

Features instant operation—no waiting for warm-up. Amazingly low power drain too—hardly more than an ordinary electric clock! Squelch circuit provides quiet, static-free stand-by. Variable frequency control allows operation of 2 systems simultaneously and independently. Unique volume control makes it impossible to inadvertently turn the volume below an audible level and miss a call. Press-to-talk button has "lock-on" design for continuous monitoring—makes an excellent babysitter. There's complete freedom from hum and microphonics. Virtually maintenance-free and extremely cool operating, too—never any ventilation problems!

Decorator styled Oxford Gray and Eggshell White styrene cases have key-hole slots for wall mounting. Only 3x8¼x5¾". Supplied complete with all parts, wire, even solder, and step-by-step instructions that make kit building a real pleasure. For 110-125 volt, 50-60 cycle AC or DC.

83 Y 992-R. Was \$20.95 16.95

ADDED SAVINGS ON MULTIPLE STATION KITS!

2-Station System



Only **\$33⁹⁰**
\$5 monthly

Save \$6.05

Was \$39.95. A terrific buy at this special low price! Both stations can originate calls. Great for step-saving use in the home or at the office. Shpg. wt., 7 lbs.
83 Y 991-R 33.90

3-Station System



Only **\$49⁹⁵** \$5 monthly

Save \$10.95

Was \$60.90. You're dollars ahead when you take advantage of this special sale offer! 3-stations let you communicate between rooms and even floors. Wt., 11 lbs.
23 YX 848-3R 49.95

4-Station System



Only **\$66⁸⁰**
\$5 monthly

Save \$13.10

Was \$79.90 Double your savings and uses of this 4-station system! Great for plant, shop, and office. Saves you time and more money in the long run. Wt., 14 lbs.
23 YX 849-4R 66.80

SEE PAGES 51-64 FOR ADDITIONAL KIT VALUES!

Popular CB Antennas at Huge Savings!



Antenna Specialists Base and Mobile Antennas

**M-81 Ground Plane with
UMKW Mounting Kit**

Save **\$8.95** Only **\$26.37**
\$5 monthly

Price Cut
on M-73
Mobile Whip

Save
\$3.53
\$13.19

A M-81 GROUND PLANE WITH UMKW MOUNTING KIT.

Bonus offer—get the UMKW mounting kit for only \$2.00 more when you buy the famous M-81 "Magnum" ground plane antenna. Regularly selling for \$10.95, the UMKW kit includes: universal roof-saddle mount; 50' RG-58/U cable; 2—PL-259's; 30' guy wire; and hardware. All-directional M-81 is 1 1/2-wave vertical antenna with sturdy, 5-section, heavy-walled aluminum 207" radiator and 54" radials. Provides effective 6 db gain; matches 52-ohm coax lines; fits most masts. Less mast. 16 lbs. Shipped by Express.

23 SU 214-2R. M-81 Plus UMKW Kit. 26.37
90 CU 278-R. M-81 Alone. 10 lbs. Express. 24.37
86 SX 386-R. UMKW Mounting Kit Alone. 6 lbs. 10.95

B M-73 MOBILE ANTENNA KIT. Save \$3.53—was \$16.72

in Catalog 230! Complete mobile antenna kit includes: 44" base-loaded stainless steel whip antenna with easy-to-install trunk-groove mount, 20' 52-ohm RG-58/U coaxial cable and PL-259 connector. Shpg. wt., 12 lbs.

89 SX 796-R. 13.19



Base and Mobile Antenna Bargains

**CLR-II Base Antenna
With UMKW Mtg. Kit Bonus**

Save **\$9.95** **\$30.95**
\$5 monthly

TTMP
Mobile
Antenna

Save
\$3.00

\$11.65

C CLR-II GROUND PLANE WITH UMKW MOUNTING KIT.

Save \$9.95 when you purchase this great antenna-mounting kit bonus combination! Hy-Gain UMKW universal mounting kit includes: 50' of RG-58/U cable; 2—PL-259's; roof saddle mount; 30' of guy wire; and hardware. Omni-directional CLR-II ground plane antenna has 3.4 db gain—8 db circuit gain. Matches 52-ohm coax lines with 1.2:1 SWR. All-aluminum construction; 19" 11" high; has 9 radials. For 1 1/4" to 1 3/4" masts; less mast. 16 lbs. Express.

23 SU 213-2R. CLR-II With UMKW Kit. 30.95
86 SX 422-R. CLR-II Alone. 10 lbs. \$5 Monthly. 29.95
86 SX 386-R. UMKW Mtg. Kit Alone. 6 lbs. 10.95

D TTMP AM/CB MOBILE WHIP. Was \$14.65 in Catalog

230—now save \$3.00! Top-loaded whip works on both CB and AM broadcast bands; isolating coupler permits dual-band use without switching. Chrome-plated; telescoping; with single-hole chrome body mount. Coupler has cables, plugs for both car radio and CB unit. 2 lbs.

86 SX 409-R. 11.65

KNIGHT®

LOWEST PRICED
5-ELEMENT BEAM

Knight 5-Element Citizens Band Beam

For Horizontal or Vertical Polarization with Low SWR . . . 12.3 db Forward Gain; 25 db Front to Back Ratio

Use Vertically... 100' RG-58 /U Foam Cable

5-El. Beam Alone **\$39.95**
\$5 monthly

With Cable **\$42.95** Save **\$5.95**
or Horizontally **\$5 monthly**

Here's the lowest priced 5-element CB beam we know of, anywhere! Not an economy model, but a deluxe, heavy-duty unit constructed for years of service. Greatly increases range and performance of your equipment. And as a bonus, you get beam with 100' of RG-58 /U Foam Coax at a big \$5.95 savings! 5 full-size elements wide-spaced on a 24' boom radiate a unidirectional pattern. Gamma matching assures low SWR with 52-ohm coax. All-aluminum construction for light weight and weather resistance. For 1 1/2" dia. masts; less mast. Shpg. wt., 21 lbs. Express. \$5 Monthly.

23 SU 779-2R. 5-Element Beam with RG-58 /U Foam. 42.95
90 CU 398-R. 5-Element Beam Alone. 18 lbs. 39.95
92 CX 442-2R. Alliance U-100 Rotator. 12 lbs. 28.20
97 T 365-R. 100' 4-Conductor Cable. For above. 3 lbs. 2.78

Save **\$2.00**

\$10.95

FSI-3 Field Strength Meter /SWR Bridge

Save **15%**

FSI-1 **\$5.91**
Was \$6.95

FSI-2 **\$7.14**
Was \$8.40

MONARCH FSI-3 FIELD STRENGTH INDICATOR /SWR BRIDGE. Now, save \$2.00 off the regular price of this fine unit! Measures forward /reflected power from 1:1 to 10:1 SWR. Also functions as an accurate field strength indicator. Inserts into any 52-ohm transmission line and remains there to continuously monitor SWR.

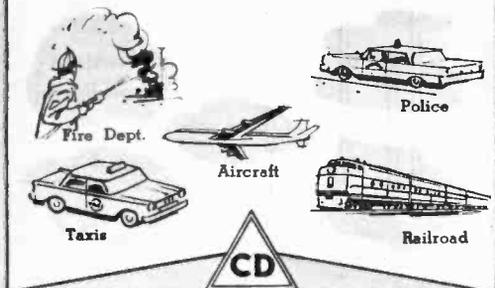
Ideal for use by Hams and operators of low-power transmitters. Handles 1 kw at frequencies from 2 to 30 mc. Includes 100 microamp meter; provides readings with accuracy of ±5%. With 5-section whip antenna. Compact size, 6 1/4 x 1 3/4 x 3". Imported. Shpg. wt., 10 oz. **86 S 366-R. 10.95**

MONARCH FSI-1 SINGLE BAND FIELD STRENGTH METER. Save 15% off the regular Catalog 230 price of this handy unit. Checks Ham and CB antenna efficiency, load matching, etc. Covers 1 to 250 mc in single band. Has 200 µamp meter, 10 3/4" whip, jack for head-phone monitoring. Powerful magnet in case grips onto metal objects. 2 3/16 x 3 3/16 x 1 9/16". Imported. Shpg. wt., 8 oz. **89 S 507-R. 5.91**

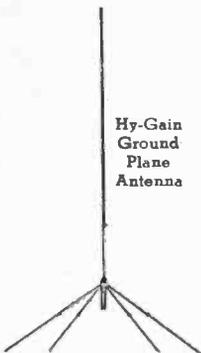
MONARCH FSI-2 4-BAND FIELD STRENGTH METER. Bandswitching unit at 15% savings. Same as FSI-1 above, but covers 1.6 to 150 mc in 4 bands. Wt., 10 oz. **89 S 509-R. 7.14**

Special-Purpose VHF Receivers

Listen in on the Action . . .
Hear these Exciting Services



Check with your local authorities for the frequencies used in your area



Hy-Gain Ground Plane Antenna

Monitoradio Receivers by REGENCY

MODEL AR-136. Tunes 108-136 mc. Hear control towers, commercial and private aircraft, approach control, VOR stations. AM receiver has tuned nuvistor RF stage for high sensitivity and good image rejection. Adjustable squelch. 5" speaker. Illuminated dial. 6 1/4 x 12 x 6 3/8". For 110-120 v., 60 cycle AC. 20 lbs.

86 SX 511-R. \$5 Monthly. **79.95**

MODELS MR-10 and MR-33. Listen to police, fire, civil defense, in the 30-50 mc (MR-33) or 152-174 mc (MR-10) FM bands. Adj. squelch. 5" speaker. 7 7/8 x 11 1/4 x 6 1/2". For 110-120 v., 50-60 cycle AC. 22 lbs.

90 SX 667-R. MR-10 (152-174 mc). \$5 Mo. **79.95**

90 SX 668-R. MR-33 (30-50 mc). \$5 Monthly. **79.95**

Antennas for Longer-Range Reception

86 SX 210-R. Hy-Gain GP-150 for 144-174 mc. Ground plane for Models 2552 and MR-10. 2 lbs. **5.40**

86 SX 211-R. Hy-Gain GP-50 for 30-50 mc. Ground plane for Models 2551 and MR-33. 6 lbs. **12.95**

86 SX 562-R. Regency AA-1 for 108-132 mc. Vertical for Models 2554 and AR-136. 3 lbs. **5.95**

Monitoradio

\$79.95

\$5 monthly



LINCOLN[®]

As Low As

\$44.95

\$5 monthly

Value-Packed LINCOLN Receivers

MODEL 2551. Tunes 30-50 mc. Inexpensive way to monitor hour after hour of exciting communications services. Reliable, exceptionally low-cost FM monitor permits listening to broadcasts of police, fire, forestry, conservation, industrial power utilities, highway maintenance, mobile telephone. Temperature-compensated, superhet circuit for virtually drift-free reception; 100-kc selectivity with 10 μ v sensitivity. Ratio detector is inherently insensitive to AM-type interference. 4" speaker. 6 x 9 1/2 x 5 1/2". 110-120 v., 50-60 cycle AC-DC.

90 S 466-R. \$5 Monthly. 8 lbs. **44.95**

MODEL 2552. Tunes 152-174 mc. Covers the higher FM band. Monitors same services as 30-50 mc unit above, plus civil defense, weathercasts, taxis, railroads, etc. Shpg. wt., 8 lbs.

90 S 499-R. \$5 Monthly. **44.95**

MODEL 2554. Tunes 108-132 mc. Similar to above, but for aircraft AM band reception. Fascinating monitoring of control towers, commercial and private planes in flight, GCA, radar approach, ILS, unicom, and omnirange (VOR). Shpg. wt., 8 lbs.

90 S 399-R. \$5 Monthly. **49.95**

New CESCO Trouble-Finder Probes



Each	All 3	Save	When You Buy
\$3.95	\$8.95	\$2.90	All 3 Probes

DC ELECTRO-CHECK AUTOMOBILE PROBE. Tests 6 and 12-v. wiring, electrical circuits. Wt., 6 oz.

86 S 650-R Each **3.95**

"CIRKIT-CHASER" CONTINUITY TESTER. For point-to-point continuity testing of wiring and harnesses in electronic circuits, similar wiring. Wt., 6 oz.

86 S 651-R Each **3.95**

AC ELECTRO-CHECK PROBE. Checks continuity, grounds, opens in switches, fuses, wiring, appliances. 6 oz.

86 S 652-R Each **3.95**

86 S 653-R. All 3 Probes. 1 lb. Pkg. of 3 for **8.95**



KN 2553 OUR LOWEST PRICE EVER!

Save \$10.55

\$21.95

\$5 monthly

Was \$32.50

KNIGHT "Channel Sentry" Squelch Unit

- Blocks Unwanted Calls
- Front-Panel Switch
- Features Four Frequencies for Six Tone Combinations

Save now, save in a big way. Dual-tone squelch blocks unwanted calls—saves you from listening fatigue. Your receiver remains silent until called by another unit equipped with a "Channel Sentry." Then tone sounds, signal lights, your receiver is activated, and you can speak and listen to the calling station. Light stays on until reset. Can transmit 6 different combinations of dual-tone frequencies. Front-panel switch has Standby, Normal and Call positions. Plugs directly into Knight KN-2550, Sonar "E" and "G," RCA Mark VIII. Can be wired to any other press-to-talk CB transceiver. With cable, 8-prong plug, full instructions. Wt., 3 1/2 lbs.

86 SX 384-R. \$5 Monthly. Quantities Limited. **21.95**

knight-kit[®] 70-Watt Transistor Stereo Amplifier Kit **PLUS** Wood Case For 19¢ More

Buy the KG-870 now, and get beautifully grained, matching oiled walnut case—regularly selling for \$12.95—for only 19¢. Deluxe case features solid 1/2" construction with mitered corners, louvered ventilation on both the top and bottom, and projecting border to frame the stylish front control panel.

Save
\$12.76

Was \$112.90 in Cat. 230
Both For **\$100**¹⁴
\$6 monthly



SOLID STATE STEREO

Premium Semiconductors Guarantee the Finest Sound!

READ WHAT ENTHUSIASTIC KG-870 OWNERS EVERYWHERE ARE SAYING:

"Perfect—This is the first kit I have ever assembled." W.M., PENNSYLVANIA

"Excellent . . . Beyond expectation." R.B., WISCONSIN

"This was by far the best of any kit I have ever built." G.B., TEXAS

"The unit works excellently. I especially like the "level" and "loudness" controls over a volume control." A.C., CALIFORNIA

"Surprisingly easy. It was such a pleasure to build." R.W., PENNSYLVANIA

"Better than my expectations, the sound is of the utmost quality . . . much easier than other kits I have built." G.B., IDAHO

"It worked excellent from the first time I plugged it in . . . A wonderful piece of equipment." D.L., MICHIGAN

KG-870 Amplifier Kit and Walnut Case

- 22 Transistors and 4 Diodes Give Instant, Virtually Heat-Free Operation
- Uses 4 Silicon Pre-Drivers That Provide High Audio Stability
- No Output Transformers or DC Blocking Capacitors—Thrilling Sound
- Plug-In Transistor Sockets, Printed Circuitry, Modular Assembly

Act now while our low Summer Sale price is in effect—get the sensational KG-870 and deluxe oiled walnut case at giant \$12.76 savings. Superb amplifier kit incorporates all the latest developments of the audio art. Premium semiconductors guarantee thrillingly realistic sound reproduction. They give you: complete freedom from microphonics and mechanical noises; virtually no heat or annoying hum; instant operation; compactness (the KG-870 is only 2 3/4" high); rugged construction; and extremely low current drain.

Develops a mighty 70 watts of IHFM music power—more than adequate to drive virtually any speaker system. And, there are no output transformers or DC blocking capacitors to compromise tonal beauty. Reproduction is so clean, so pure, that it simply must be heard to be believed. Circuitry uses 22 transistors and 4 diodes—4 silicon pre-driver transistors provide an exceptionally high level of audio stability. Features modular printed circuitry and plug-in transistor sockets to assure you of fast, easy assembly.

Has: 5 pairs of stereo inputs; loudness control to improve response at low volume; individual base and treble controls for each channel; tape monitor switch; rumble and scratch filters; front-panel stereo headphone jack. Size, 2 3/4 x 13 x 11". Attractive Sierra Gold and Charcoal styling. For 110-130 v., 60 cycle AC. Shpg. wt., 26 lbs.

23 YX 816-2R. KG-870 Kit and Oiled Walnut Case	100.14
83 YX 603-R. KG-870 Kit Alone. Wt., 19 lbs.	99.95
23 YU 814-2R. Factory Assembled, with 19¢ Sale Case	150.14
83 YU 548-R. Factory Assembled KG-870 Alone	149.95

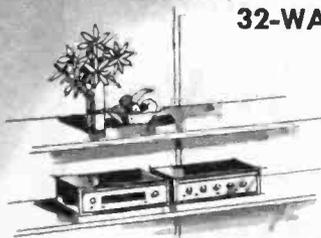
Offer Ends September 15, 1964

ALLIED 51

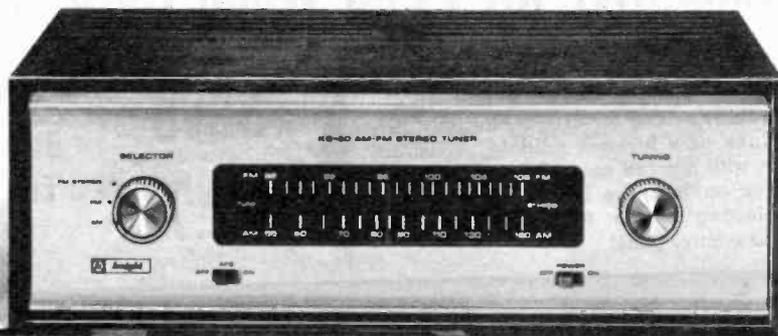


knight-kit Matching Components Sale

32-WATT STEREO AMPLIFIER AND STEREO FM-AM TUNER KITS



The Heart of a Great-Sounding Stereo Music Center—But Hurry, Sale Prices End Promptly Sept. 15, 1964



Was \$129.90

Both For

\$109.90 less cases

\$6 monthly

Save \$20.00

KG-400 32-Watt Stereo Amplifier Kit

Was \$59.95

Now Save \$10.00

\$49.95

less case

\$5 monthly

- DC on Preamp Tube Filaments for Low Hum
- Handsome Extruded Aluminum Front Panel
- Independent Tape Inputs and Outputs
- Balance Control for Best Stereo Effect

Represents an outstanding achievement in do-it-yourself hi-fi—brings you strikingly pure music reproduction. Produces 16 watts of continuous sine wave power per channel for full 32 watts of stereo power output—39 watts IHFM, 78 watt peak power output.

Stereo preamp utilizes DC power on tube filaments to reduce hum to the vanishing point. Provides precise RIAA equalization for magnetic cartridges. Also has stereo inputs for ceramic cartridges, tuner, NAB-equalized tape head, plus auxiliary source. Deluxe circuitry features that give you full programming command include balance control for best stereo effect; separate bass and treble controls that adjust tone of both channels at once. Slide switch parallels channels when you play monophonic sources. A single selector chooses all inputs. Also: volume control; stereo reverse, on-off switches. Independent stereo tape recorder outputs are unaffected by volume and tone controls.

Output Power: 32 watts sine wave (39 watts IHFM); 78 watts peak. **Response:** ±1 db, 30-16,000 cps at rated output. **Hum and Noise:** 75 db below rated output, high level inputs; 52 db below rated output, magnetic input. Extruded aluminum gold panel matches KG-50, at right. 4¼x14¾x11¾". With all parts and easy-to-follow Knight-Kit instructions. Less case, below. For 110-130 v., 60 cycle AC. Shpg. wt., 21 lbs.

- 83 YU 413-R. \$5 Monthly..... 49.95
- 83 YX 023-R. Walnut Cabinet. 8 lbs..... 9.95
- 83 YX 024-R. Brown Metal Case. 7 lbs..... 4.95

KG-50 Stereo Multiplex FM-AM Tuner Kit

Was \$69.95

Now Save \$7.00

\$62.95

less case

\$5 monthly

- Stereo Indicator Light; FM Tuning Eye
- Factory Assembled FM Front End
- Filtered Tape Recording Output Jacks
- AFC for Stable High-Fidelity FM Sound

The high-styled KG-50 lets you enjoy panoramic stereo multiplex FM that surrounds you with sparkling high fidelity sound, plus conventional FM programs and the latest news, weather forecasts, and sports offered on the AM band.

Wonderfully easy assembly and drift-free sound are assured by factory-assembled and aligned FM front end, pre-tuned IF and multiplex coils, and neat point-to-point wiring. Front panel light flashes when stereo program is received. Exclamation-point "magic eye" provides pinpoint tuning accuracy on FM. AFC "locks in" FM stations for drift-free listening. Filtered recording outputs let you make off-the-air tapes of FM stereocasts. Cathode follower outputs permit long cable runs to amplifier without affecting response. Sensitive AM section has loopstick antenna for top pull-in power, wide bandwidth for hi-fi sound.

Sensitivity: 3 µV IHFM for 30 db quieting. **IF and Detector Bandwidth:** 200 kc. **Response:** ±1 db, 50-15,000 cps. **Hum and Noise:** 40 db below 1 volt. **Channel Separation:** 30 db. **AM Sensitivity:** 3 µV for 10 db S/N. **IF Bandwidth:** 10 kc. **Hum and Noise:** 40 db below 1 volt. With 300-ohm indoor FM antenna. Styling matches KG-400, at left. Size, 4½ (plus ¾" feet) x13¾x7¾". With all parts and easy to follow Knight-Kit instructions. Less case, below. For 110-130 v., 60 cycle AC. Shpg. wt., 15 lbs.

- 83 YX 720-R. \$5 Monthly..... 62.95
- 83 YX 018-R. Walnut Wood Case. Wt., 7 lbs..... 9.95
- 83 YX 019-R. Brown Metal Case. Wt., 6 lbs..... 4.95

23 YU 841-2. Amplifier and Tuner Kits. Less cases. Shpg. wt., 36 lbs. \$6 Monthly..... BOTH FOR 109.90

Save \$10 on KG-320 Amplifier

**SPECIAL SAVINGS NOW ON THIS SOLID-STATE
32-WATT ALL-TRANSISTOR STEREO AMPLIFIER KIT**

knight-kit Sale

Its Advanced Design Space-Age Circuitry Uses 14 Transistors and 4 Diodes of the Finest Quality for the Cleanest, Purest Sound You've Ever Heard



KG-320 32-Watt Transistor Stereo Amplifier Kit

Now at a special low price, this outstanding stereo amplifier offers modern styling and reliable performance. Gives you truly magnificent sound for years and years of listening pleasure.

Offers a host of deluxe features—instant and cool operation, freedom from microphonics, functionally grouped controls, balance control for easy adjustment of stereo effect; plus master volume control. Smart modern-design styling—extra compact to fit into snug areas.

Features direct coupling between output stage and your speakers. There are no output transformers or DC blocking capacitors to limit the frequency response! Features Knight-Kit pioneered "Thermal Feedback" circuit that protects output transistors from overloads; acts as a fuse for your speakers, helps maintain circuit stability. Boasts 5 pairs of inputs: tape head, magnetic phono,

tuner and two auxiliaries. Separate ganged bass and treble controls adjust tone of both channels at once. Rugged trouble-free printed circuit construction. Tape recorder outputs; 2 switched AC outlets; stereo-mono mode switch.

Output Power: 32 watts IHFM, 64 watts peak. **Response:** ± 1 db, 25-18,000 cps at rated output power. **Hum and Noise:** 77 db down. **Channel Separation:** 30 db or better. **Output Impedance:** each channel matches 8 or 16-ohm load.

Extruded aluminum panel is styled in sierra gold and charcoal. $2\frac{3}{4} \times 10 \times 8\frac{1}{2}$ ". With all parts, wire, solder and instructions. For 110-130 v. AC. 13 lbs.

83 YX 601-R. \$5 Monthly..... 49.95
83 YX 016-R. Oiled Walnut Wood Case, Shpg. wt., 7 lbs..... 9.95
83 YX 017-R. Dark Brown Metal Case, Shpg. wt., 6 lbs..... 4.95

Was \$59.95

Now Only

\$49.95 less case

\$5 monthly

Save \$10.00

- Direct Coupling to Speakers—No Output Transformers Used
- ± 1 db, 25-18,000 cps Response
- Very Low Hum and Noise
- Extremely Low Heat and Power Drain
- No Warmup—You Hear Instant Music
- Simple Printed Circuit Construction

Special! Closeout Price on Power-Packed Stereo Basic Kit

KB-85 70-Watt Basic Amplifier Kit

Now at a special closeout price, the KB-85 is an unbeatable value. Meets professional requirements—powerful 70 watt continuous sine wave output makes it ideal for use with low-efficiency speaker systems. Highlights: low-noise resistors in all critical circuitry; 35 db or negative feedback for flawless sound; superior-quality output tubes. Uses 2 printed circuit boards for easy, accurate assembly. **Output Power:** 70 watts sine wave, 88 watts IHFM. **Response:** ± 0.5 db, 15-31,000 cps at rated power. **Distortion:** Harmonic, 0.25%; IM, 0.15% at rated power. **Hum and Noise:** 90 db below rated output power. **Input Sensitivity:** 0.54 volts for rated output power. **Output Impedances:** 4, 8, 16, 32 ohms per channel. **Damping Factor:** 17.4 to 290, stereo connected. **Controls:** 2—Level; Stereo-Mono Switch; Mono Gain Balance Test Switch; Off-On; 2—Cathode Current Balance. $8\frac{1}{2} \times 14 \times 9$ ". Chassis is chrome and black. Less cover, below. For 110-130 v., 60 cycle AC. Shpg. wt., 43 lbs.

83 YU 618-R. \$5 Monthly..... 64.95
83 YX 779-R. Metal Cover. Wt., 8 lbs..... 6.50

QUANTITIES LIMITED

Save \$5.00

\$64.95

\$5 monthly



Sale Ends
September 15, 1964

Knight-Kits Are Your Best Value In Hi-Fi Equipment

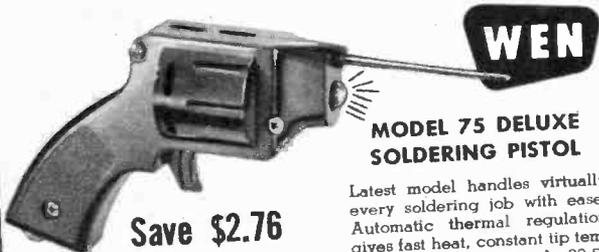
ALLIED 53



Enjoy Exciting Shortwave Listening With Our Popular Star Roamer® Kit



GIANT BONUS OFFER!



MODEL 75 DELUXE SOLDERING PISTOL

Latest model handles virtually every soldering job with ease. Automatic thermal regulation gives fast heat, constant tip temperature. Consumes only 30-50 watts, yet gives heat comparable to 100-watt devices. Spotlight, trigger switch. U.L. Listed.

Save \$2.76

only **88¢** more

SALE ENDS SEPT. 15, 1964

TUNES 5 BANDS

200 to 400 kc
550 to 1800 kc
1.8 to 4.8 mc
4.8 to 12 mc
12 to 30 mc

\$39⁹⁵

\$5 monthly

- Sensitive Superhet Circuit Has Controlled Regenerative IF Stage for Top Performance
- Electrical Bandspread Control for Sharp Tuning
- AVC and ANL Stop Fading, Blasting, and Noises
- Illuminated S Meter Indicates Signal Strength
- Easy-to-Read 7½" Illuminated Slide-Rule Dial

Knight-Kit Star Roamer® 5-Band Shortwave Receiver Kit

Travel the far corners of the earth from your armchair. Be on hand to hear thrilling history-making events as they happen—on a top quality shortwave receiver that you build yourself. You easily assemble the Star Roamer, and it's lots of fun. In no time at all you're listening in on calls from ships at sea and planes aloft. There are messages from beacons, up-to-the-minute weathercasts and distress calls on the marine and aeronautical bands. You hear broadcasts from foreign countries on the international shortwave bands, Citizen Banders and Hams. In addition, all your favorite programs are covered on the standard AM broadcast band. All in all covers 200 to 400 kc and 550 kc to 30 mc inclusive in five bandswitched ranges. Electrical bandspread control spreads out crowded stations—lets you precisely tune stations. IF sensitivity control improves selectivity and develops proper beat note for code reception. Automatic noise limiter stops impulse noise and

static; AVC stops fading and blasting—both circuits have front-panel switch. Illuminated S meter indicates signal strength and correct tuning. Antenna trimmer peaks receiver sensitivity for best reception. Has easy-to-read 7½" long illuminated slide-rule dial with important frequency segments marked in striking blue. Built-in 4" speaker provides full-toned sound; headphone jack permits private listening (less headset, see below). Handsome charcoal gray and aluminum case is 5½x12¼x8". Comes complete with all parts, wire, solder, and step-by-step Knight-Kit instructions that make assembly easy, even for beginners. For operation from 110-130 v., 60 cycle AC. Shpg. wt., 15 lbs.

83 YX 102-R. Star Roamer Alone..... 39.95
23 YX 817-2R. Star Roamer Plus Soldering Pencil. 17 lbs. **40.83**
83 Y 099-R. Outdoor Antenna Kit. For above. 1½ lbs. **98¢**
83 Y 257-R. Dual Headset and Plug. Wt., 1 lb. **2.50**

knight-kit Sale on Precision Transistorized Electronic Tachometer Kit

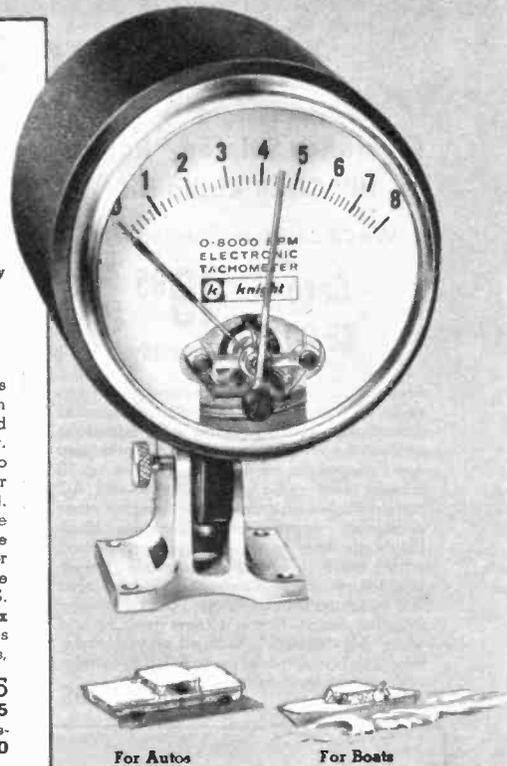
LOW PRICE! **\$19⁹⁵** Save \$2.00
Was \$21.95

- For Cars, Boats, Motorcycles—Improves Motor Performance and Fuel Economy
- Registers Engine Speed from 0-8000 Rpm With 3% Full Scale Accuracy
- Works Well When Used With Negative Transistorized Ignition Systems
- Precision D'Arsonval Meter Movement, Zener Diode Regulation for Stability
- Illuminated Meter, Extruded Aluminum Housing, Universal Mounting Bracket

It's rugged, reliable and jam-packed with special features you need for better, all-around motoring efficiency. The illuminated Knight-Kit Transistorized Tachometer Kit accurately registers engine speed in rpm electronically—helps you set your engine for top fuel economy or to develop maximum horsepower. This exciting "tach" makes a marvelous accessory for compact, standard and sports cars, boats with outboard engines, and motorcycles. It's unquestionably the perfect gift for that favorite auto or boat enthusiast. Transistorized switching and zener diode regulation provide an excellent 3% full scale accuracy—regardless of temperature or voltage changes. Operates with any 1-8 cylinder, 2 cycle or 1-16 cylinder, 4 cycle engines using ignition coil and

distributor—9 to 32 VDC. Also operates with magneto and 6 VDC systems when used with optional 9-volt battery and accessories, see 83 Y 909-R listed below. Red reference pointer may be preset to any rpm—shows when to shift gears or when maximum torque is developed. Meter is easily calibrated from 60 cycle house current. Universal mounting base fits top or bottom of dashboard, or steering column. Two models—positive or negative ground (all late-model U.S. cars are negative ground). 4 $\frac{7}{8}$ x3 $\frac{1}{4}$ x3 $\frac{3}{8}$ ". Black aluminum housing has brushed chrome trim. With all parts, base and strap. 3 lbs.

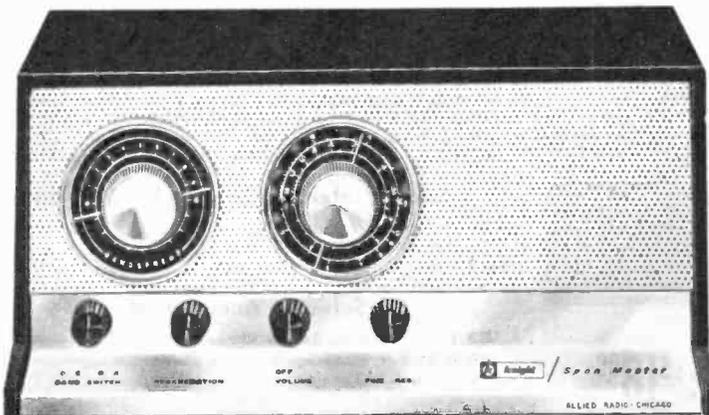
83 Y 944-R. Neg. Ground. 19.95
83 Y 980-R. Pos. Ground. 19.95
83 Y 909-R. 9-V. Battery and Accessories Kit. Shpg. wt., 4 oz. 1.50



For Autos

For Boats

knight-kit Span Master[®] 4-Band Shortwave Receiver Kit



While this sale lasts, save \$3.00 off regular catalog price and get started in the fascinating space-age hobby of shortwave listening. The Span Master brings the world in as close as your fingertips. You tune in headlines direct from world capitals—hear history being made. Listen in on messages from ships and aircraft, plus Citizens Band and Amateur communications on the shortwave bands. Hear your favorite programs on the AM broadcast band. Super-sensitive regenerative circuit tunes 540 kc through 30 mc. A bandswitch selects any one of the four bands available. Bandspread tuning and fine regeneration controls simplify tuning and separate crowded stations. Built-in

speaker provides plenty of volume. Headphone terminals and speaker switch permit private listening. AC transformer power supply gives peak-efficiency performance, provides isolation from power line. Six operating controls: Main Tuning, Bandspread, Bandswitch, On-Off/Volume, Coarse Regeneration, Fine Regeneration. A listing of foreign broadcast stations and Morse Code instructions are included. 6 $\frac{1}{4}$ x14x6 $\frac{3}{8}$ ". Gray-blue cabinet, white grille, chrome panel. With all parts, wire, solder, instructions. For 110-130 v., 60 cycle AC. Shpg. wt., 9 lbs. **21.95**
83 Y 258-R. \$5 Monthly. 21.95
83 Y 028-R. Single Headset. 8 oz. 1.08
83 Y 027-R. Dual Headset. 12 oz. 2.08

**LISTEN IN ON THE WORLD
AND HEAR HISTORY MAKING
EVENTS AS THEY HAPPEN**

Save \$3.00

Was \$24.95

Now Only **\$21⁹⁵** \$5 monthly

SALE ENDS SEPT. 15, 1964



Foreign Broadcasts



Planes Aloft



Ships at Sea

CHECK THESE DELUXE FEATURES:

- Highly Sensitive Reception of Shortwave
- Super-Sensitive Regenerative Circuit Tunes 540 Kilocycles through 30 Megacycles
- Bandspread Control Spreads Out Stations
- Fine Regeneration Control for Sharp Tuning
- Built-In Speaker Plus Headphone Terminals
- Transformer Powered for Safety

Knight-kits Save You More

knight-kit Summer Sale for Hobbyists

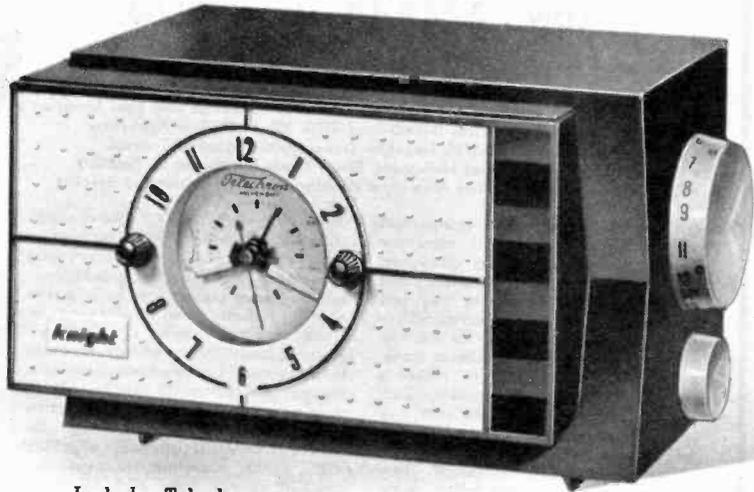
Clearance Sale on "Ranger III" Clock Radio Kit

Was \$24.95 in Catalog 230

Save **\$5.00**
\$19⁹⁵
 \$5 monthly

Tremendous value in a decorator-styled clock-radio kit that lets you drift off to a musical dreamland—then wakes you up to refreshing music the next morning! You can't oversleep—a buzzer-alarm sounds and gets you up 10 minutes after radio goes on. 1200-watt AC outlet switches on coffeemaker, lamp or other appliances automatically. Luminous clock hands are easy to see. Unique modularized circuit makes it a snap to assemble. Pre-assembled resistor and capacitor modules plug into matching printed circuit board. Sensitive superhet design. Plastic cabinet in ebony and white. 5¼x9½x5¾". With all parts, instructions. For 110-130 v., 60 cycle AC. 6 lbs. Order now—quantities limited.

83 Y 737-R..... Reduced to **19.95**



Includes Telechron
 Clock Movement

Our Lowest-Cost 2-Station Intercom Kit

EASY TO BUILD AND EASY TO USE!

Our best selling, most economical intercom kit—an excellent choice for home, shop or office! Includes a Master and a Remote station—makes a perfect electronic "baby sitter." Install the Remote in the nursery; place the Master in the kitchen or laundry room—hear what's going on all the time. So sensitive, it actually responds to a whisper! Master has volume control and plugs into wall outlet. All remotes (you can use up to 3 more) can talk to one another when Master is on. All units have high-quality 4" PM speakers. Metal cabinets in Cream Ivory with contrasting brown grilles. Each unit measures 5x6¾x4½". With all parts and 50 ft. of cable, instructions. For 110-125 v., AC or DC. 7¼ lbs.

83 Y 297-R. Complete 2-Station Package..... **14.95**

3-Station Intercom System Kit Package

As above, except package has an additional Remote station. Can accept up to 2 more Remotes. Wt., 10¼ lbs.

83 Y 835-2R. 3-Station Package..... **18.50**

Selected Accessories

83 Y 298-R. Extra Remote Kit. Less cable. 3 lbs..... **3.95**

49 W 604-R. 22-Gauge Intercom Cable. For operating stations up to 50' apart. Wt., per 100', 1¾ lbs..... **Per Ft. 3¢**

2-Station
 Outfit
\$14⁹⁵

Each Package Has
 50 Ft. of Cable.

3-Stations
\$18⁵⁰

Have Loads of Fun with this Popular Crystal-Set Package

INCLUDES CRYSTAL SET KIT HEADPHONE AND ANTENNA KIT

Just the thing for beginners in the fascinating field of electronics! Requires no electrical power, not even batteries, yet this crystal set delivers clear reception of local AM broadcast stations. And, one low price includes an antenna kit and headphone—it's complete—nothing more to buy! Circuit uses a fixed-type germanium crystal detector. Has ball-bearing tuning capacitor for really easy station selection. With detailed instructions. Shpg. wt., 3 lbs.

23 Y 665-3R. Complete Kit Package..... **4.49**

83 Y 261-R. Crystal Set Kit Alone. 1 lb..... **2.95**

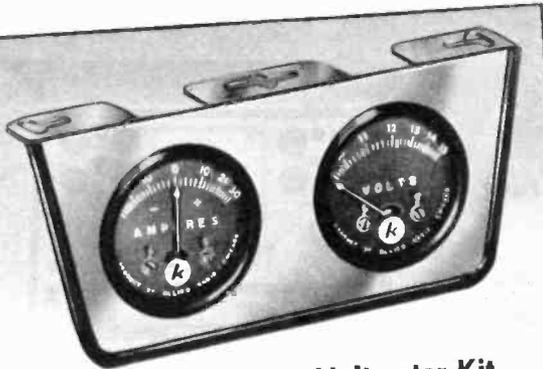
Complete
\$4⁴⁹

Headphone

Antenna
 Kit



You Save More When You Build A knight-kit



12-Volt Ammeter-Voltmeter Kit

CLEARANCE PRICE **\$7.88** Save **\$2.07**

Take advantage of this Summer clearance price! Know the true condition of your car's electrical system. Easy-to-assemble kit replaces the limited-value red warning lights used on many of today's cars. Illuminated meters show battery voltage and charge/discharge rate. Voltage range is from 9 to 15 volts DC; current range is from -30 to +30 amperes, with 0 center scale. Meter accuracy; 5%. Highly legible white numerals on Aqua background. Chrome-plated housing is designed for quick under-dash mounting. Includes cables for all cars (except rear-engine types) and vibration-proof meter bulbs. Size, 2 7/8 x 6 1/2 x 2 1/2". For either negative or positive ground systems. Shpg. wt., 2 lbs.

83 Y 711-R. Quantities Limited Reduced to 7.88

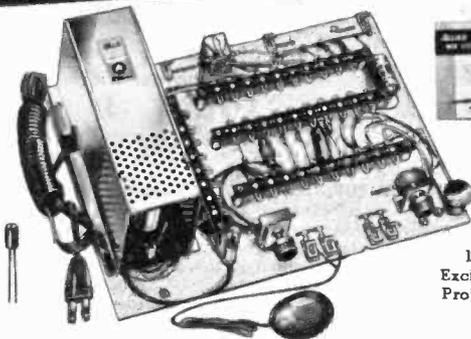


All-Transistor AM Portable Radio Kit

CLEARANCE PRICE **\$16.95** Save **\$3.00**

For the finest performance plus go-everywhere convenience, choose this sale-priced 5-transistor beauty! Features precision-engineered circuitry and a big 3 1/2" speaker for superior sound. Easy-to-assemble printed circuit construction. Has off/on/volume and tuning controls. Ebony-trimmed ivory case has two satin-gold metal end-plates. Size, 3 3/4 x 8 x 2". With all parts and detailed instructions. Less battery (takes one), below. Shpg. wt., 2 1/4 lbs.

83 Y 922-R. Quantities Limited Reduced to 16.95
83 Y 002-R. 9-Volt Battery. Takes one. 2 oz. 21¢
83 Y 293-R. Earphone, Cord, Plug. Listen in private. 4 oz. 79¢



FREE Book

12 Exciting Projects

12-in-1 Electronic Laboratory Kit

Includes FREE Basic Electronics Book—A First Course Guide Was **\$15.95** Save **\$2.00** in **\$13.95** Catalog 230

Learn basic electronics the enjoyable Knight-Kit way—while performing practical and interesting projects. Broadcast your voice through any standard AM radio in the house; control electrical devices by stepping on a metal plate, speaking into a microphone or flashing a light on a photocell; make "music" by moving your hands in a beam of light; listen to local programs on the AM receiver; build a code oscillator, code transmitter, electronic switch, timer, flasher, and audio amplifier. Once the basic parts are mounted, just change leads to switch circuits. With 8x11" mounting board, photocell, mike and easy instructions. Less headphone, below. For 110-130 v., 50-60 cycle AC. 4 lbs.

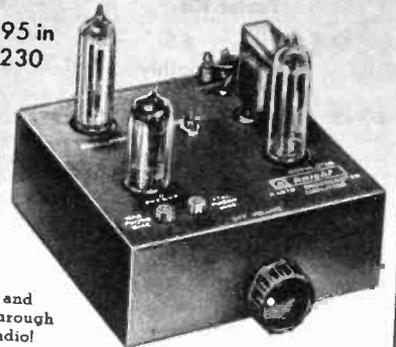
83 Y 207-R. Sale Ends Sept. 15 Reduced to 13.95
83 Y 028-R. Single Headphone. Wt., 8 oz. 1.08

Radio Broadcaster/Amplifier Kit

Was \$11.95 in Catalog 230

\$10.95

Save **\$1.00**

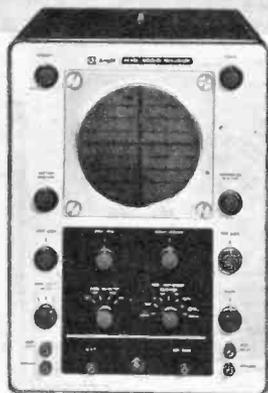


Sing, Speak and Play Records Through Your Own Radio!

For fun-packed summer hours, this combination Radio Broadcaster/Audio Amplifier Kit is hard to beat! You actually play "announcer" with this honest-to-goodness radio station. After easy assembly, just plug in a microphone or record player and you're "on-the-air." Tune voice or music anywhere in the house through the nearest radio—no connections to set. Makes an ideal phono amplifier with an external PM speaker; a fine P.A. system; or an electronic "baby sitter." Transmits to radio on 600-1500 kc (adjustable.) Equalized for magnetic cartridges—can also be used with ceramic or crystal cartridges and mikes. Size, 4 1/2 x 5 x 6". With all parts, instructions. Less microphone, below. For 110-125 v., 50-60 cycle AC or DC. Shpg. wt., 3 lbs.

83 Y 706-R. Sale Ends Sept. 15 Reduced to 10.95
83 Y 296-R. Crystal Mike for above. Wt., 2 oz. 1.98

***knight-kit* Special Summertime Bonus Sale**



KG-360 5" Wideband Oscilloscope Kit

\$69⁹⁵ \$5
monthly



KG-670 Resistor-Capacitor Tester Kit

\$21⁹⁵ \$5
monthly

BONUS OFFER!

Model 75 Soldering Pistol

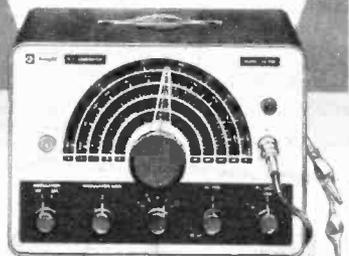
WEN



30-50 Watt Rating

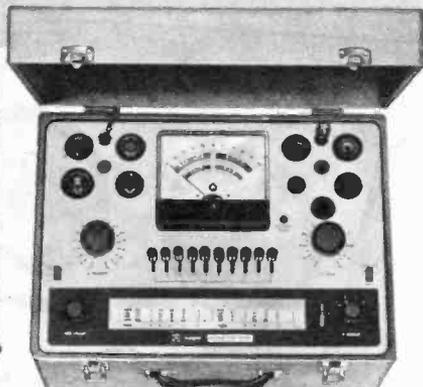
only 88¢ more

Own it for just 88¢ when you buy any Knight-Kit on this page. It's a \$3.64 value—save \$2.76. Automatic regulation; same heat as 100-watters but draws only 30-50 watts, depending on job. U.L., C.S.A. Listed.



KG-650 Signal Generator Kit

\$22⁹⁵ \$5
monthly



KG-600B Portable Tube Tester Kit

\$35⁹⁵ \$5
monthly



KG-660 Battery Eliminator/Charger Kit

\$35⁹⁵ \$5
monthly

KG-630 5" WIDEBAND OSCILLOSCOPE KIT. Best-value scope with the sweep range, response and sensitivity needed for today's complex equipment—great for color and monochrome TV servicing! Features: push-pull vertical/horizontal amplifiers with cathode-follower inputs; 1400 volts 2nd-anode potential; positive and negative sync; 1-volt p-p calibrator; retrace blanking; Z-axis input. Offers response of ± 3 db, 5 cps to 5 mc; 1 db down at 3.58 mc color burst freq. Metal case, $14\frac{1}{4} \times 10\frac{1}{8} \times 15\frac{1}{2}$ ". With leads. For 110-130 v., 60 cycle AC. 32 lbs. \$5 Monthly.

83 YU 913-R. KG-630 Kit Alone. Reg. \$74.95 **69.95**
23 YU 843-2R. Kit and Solder Pistol Bonus. 33 lbs. **70.83**

KG-670 RESISTOR CAPACITOR TESTER KIT. Easy-to-build AC-operated bridge measures resistance and capacitance with 100% accuracy. Power factor test shows efficiency of electrolytics. Leakage checks show component condition—open, shorted, leaking. Ranges: Rx1, 100 to 50,000 ohms; Rx100, 10K to 5 megs; C1, .00001 to .005 mfd; C2, .001 to .5 mfd; C3, .1 to 50 mfd; C4, 20 to 1000 mfd. Tests capacitors at rated DC voltage. "Magic eye" indicator. $7\frac{1}{4} \times 10\frac{1}{8} \times 5\frac{1}{4}$ ". With leads. For 110-130 v., 60 cycle AC. 10 lbs.

83 Y 901-R. KG-670 Kit Alone. \$5 Monthly **21.95**
23 Y 842-2R. Kit and Solder Pistol Bonus. 11 lbs. **22.83**

KG-650 RF SIGNAL GENERATOR KIT. Alignment is a snap with this stable, easily assembled unit! Wide frequency range: 160 kc-112 mc on fundamentals, calibrated harmonics to 224 mc. 3 outputs: modulated/unmodulated RF; 400 cps audio (in excess of 10 volts). No calibration needed. $7\frac{1}{4} \times 10\frac{1}{8} \times 5\frac{1}{4}$ ". With leads. Transformer supply for 110-130 v., 60 cycle AC. 9 lbs. \$5 Monthly.

83 Y 953-R. KG-650 Kit Alone **22.95**
23 Y 844-2R. Kit and Solder Pistol Bonus. 10 lbs. **23.83**

KG-600B PORTABLE TUBE TESTER KIT. Checks over 1800 types including nuvistors, compactrons and novars—and will accommodate future types as they become available. Checks 4, 5, 6 and 7-pin large tubes; 7, 9 and 10-pin miniatures; octals; localts; pilot lamps. Tests for cathode emission, continuity, shorts, open elements and gas. Has 3-color "Good-? Replace" meter, 0-100 scale for matching tubes, illuminated roll chart, and 16 filament voltages from 0.63 to 117 v. Obsolescence-proof design, too. The universal-type selector switches used in the 600B, permit setting up for any future tube-type—without major circuit revisions or rewiring. Cathode ray tubes can be checked using the optional TV Picture Tube Harness and Adapters, below. Wood case, $6\frac{1}{2} \times 14\frac{1}{2} \times 10\frac{1}{2}$ ". For 110-130 v., 50-60 cycle AC. 17 lbs. \$5 Monthly.

83 YX 920-R. KG-600B Kit Alone. Reg. \$39.95 **35.95**
23 YX 845-2R. Above Kit and Solder Pistol. 18 lbs. **36.83**

83 Y 141-R. TV Picture Tube Harness. For checking TV picture tubes up to 90° with the KG-600B. Shpg. wt., 8 oz. **4.50**

83 Y 271-R. 110° Adapters. Set of two, for TV harness above. Checks 110° TV picture tubes. Shpg. wt., 2 oz. **3.04**

KG-660 BATTERY ELIMINATOR/CHARGER KIT. Versatile kit helps you service car radios, transistor or tube portables, Ham or CB mobile equipment—charges 6 and 12-volt batteries overnight. Well filtered for transistor servicing. Variable voltage ranges: 0-8, 0-15 volts DC. Fused primary and thermal-relay protected secondary. Continuous ratings: 15 amps at 6 volts and 7½ amps at 12 volts. Alternator-type diodes. Metal case, $9 \times 12 \times 5$ ". For 110-130 v., 60 cycle AC. Shpg. wt., 14 lbs. \$5 Monthly.

83 YX 912-R. KG-660 Kit Alone **35.95**
23 YX 846-2R. Kit and Solder Pistol Bonus. 15 lbs. **36.83**

Quality Test Equipment

KG-645 1000 Ohms/Volt VOM Kit

\$16⁹⁵

- Now With Overload Protection at the Same Low Price
- 8 Scales; 38 Ranges; 2-Color 4½" Full-View Meter
- 1% Film-Type Resistors; 1000 Ohms/Volt on AC and DC
- Measures Both AC and DC Current

A long-time favorite for its many plus-features and low cost—now truly an unbeatable VOM buy with built-in overload protection at absolutely no increase in price! Newly added meter protection circuit prevents burnout, bent pointers, damaged pivots and overheated springs on all voltage, current and decibel ranges (ohms ranges unprotected). Meter movement will be undamaged even by transient overloads of more than 1000 times!

Use it for AC and DC voltage, current, and resistance readings in TV and hi-fi sets, radios, appliances, audio equipment, and hobby work—38 ranges cover most general-type measurements. Precision 1% film-type resistors offer high accuracy plus day-in and day-out dependability. Big 4½" meter has large, two-color, easy-to-read calibrations. Meter sensitivity is 400 microamps full scale. Provides 1000 ohms-per-volt sensitivity on both AC and DC.

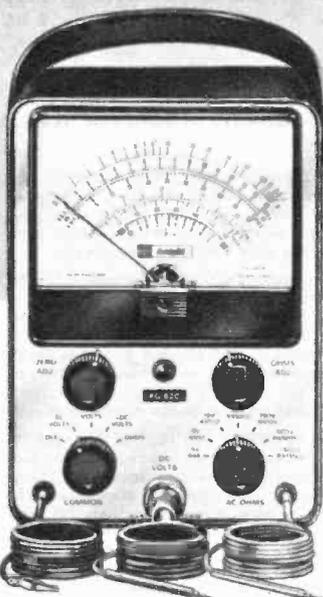
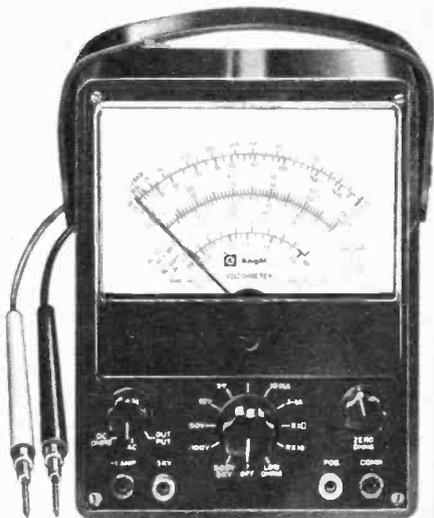
Can be put together and ready for use in a matter of hours. Detailed, step-by-step instruction manual guides your every move; a "How to Use" section helps you take advantage of all the capabilities of this performance-proven VOM. Black bakelite case, 6¾x5¼x2¾", has carrying strap. Supplied with test leads and battery for resistance ranges. Shtg. wt., 3 lbs.

83 Y 983-R **16.95**

SPECIFICATIONS

AC, DC, and Output Volts—7 Ranges Ea.: 0-1-5-10-50-100-500-5000 v.
Resistance—3 Ranges: 0-1000-100,000 ohms; 0-1 megohm. (Center scales at 60, 150 and 1500 ohms.)
Current AC or DC.—4 Ranges Each: 0-1-10-100 milliamps; 0-1 amp.
Decibels—6 Ranges: -20 to +69 db.
Meter Movement Sensitivity: 400 microamps full scale.
Meter Movement Accuracy: 2% of full scale reading.

**NEW AND IMPROVED!
THIS FAMOUS VOM KIT
NOW HAS PROTECTED
METER MOVEMENT... AT
NO INCREASE IN PRICE**



KG-620 Accessory Probes

HIGH-VOLTAGE PROBE KIT. Extends DC voltage range to 50,000 v. Wt., 1 lb.
83 Y 126-R **4.50**

HIGH-FREQUENCY PROBE KIT. Extends AC response to 250 mc. 1 lb.
83 Y 127-R **3.50**

WEN

BONUS OFFER!

Model 75 Soldering Pistol

only 88¢ more

Yes, it's just 88¢ more with purchase of the Knight-Kit KG-620 VTVM. See Model 75 description on facing page.



Economical KG-620 Electronic VTVM Kit

\$24⁹⁵

\$5 Monthly

11 Meg Input Resistance ... Precision 1% Resistors ... 200 µa Meter Movement ... 2-Color 4½" Meter ... Provision for Easy External Calibration ... Zero-Center Scale for Discriminator Alignment ... Pilot Light ... db Scales ... Polarity Reversing Switch ... 1.5 Volt Scale for Transistor Servicing

Provides direct-reading measurements of AC voltage (peak-to-peak and rms), DC voltage, db, resistance. Has push-pull balanced bridge, DC amplifier, transformer isolation. 7½x5½x4¼". With leads, prods, battery. For 110-130 v., 60 cycle AC. Wt., 7 lbs.

83 Y 911-R. KG-620 Kit Alone. \$5 Monthly **24.95**
23 Y 847-2R. Kit and Solder Pistol Bonus. Wt., 8 lbs. \$5 Monthly **25.83**

SPECIFICATIONS

DC VOLTMETER. Ranges: 0-1-5-5-15-50-150-500-1500 volts FS. Reads to 50,000 v. with optional HV probe. Input Resistance: 11 megs (1 meg in probe) to 1500 v. Accuracy: ± 3% of FS. **AC VOLTMETER.** Rms Ranges: Same as DC volts. Peak-to-Peak Ranges: 0-4.2-14-42-140-420-1400-4200 v. Decibels: -10 to +65 in 7 ranges. Freq. Response: ± 1 db, 30 cps to 3 mc; ± 3 db, 30 cps to 5 mc. Optional HF probe extends AC range to 250 mc. Accuracy: ± 5% of FS. **OHMMETER.** Ranges: 0-1000-10K, 100K ohms; 0-1-10-100-1000 megs. Center Scales: 10, 100, 1000, 10K, 100K ohms; 1, 10 megs.

Knight-Kit Bonus Offers Are Good Until September 15, 1964

ALLIED 59

Knight-kit Sale—Save on Quality Ham Gear!

GET IN ON THE FUN THAT AMATEUR RADIO CAN BRING



T-60 6-Band 60-Watt Peak AM/CW Transmitter Kit

CQ NOVICES

Calling all Novices . . . and other T-60 owners too! When you become a General, your present T-60 is worth top trade-in dollars at Allied towards the popular T-150A. Fully described on facing page, the T-150A offers 6-band coverage with 150-Watt Peak AM CW inputs. Write today for a generous quote. Offer good up to 18 months after T-60 purchase.

\$44⁹⁵

\$5 monthly

Save \$5.00

Reg. \$49.95

- Single Knob Bandswitching
- Relative Power Output Meter
- Adjustable Pi-Network Output
- Clean, Chirp-Free Cathode Keying—No High Voltage at Key Terminals

Best buy ever—you save \$5.00 on easy-to-build first rig for Novices, Technicians, and Hams-to-be . . . great for the old timer who needs a "second rig" for standby, emergency, field day, vacation, or portable use! Highlights: phone and CW on 6 bands; controlled-carrier AM; adjustable pi coupler to match 40-600 ohm antennas; clean, simultaneous-keying with bias resistor (no HV at key); "tune" position to protect 6DQ6B final during tune-up; filtering and bypassing to reduce TVI; fused silicon-rectifier HV power supply—many other extras! Runs 60 watts peak AM and CW input on 80 through 10—slightly less on 6 meters. Final works "straight through" on all bands except 6 meters, where it doubles. Requires VFO or crystals (3.5-mc types for 80, 7-mc types for 40-10, 8-mc types for 6). Rear panel has power takeoff and relay switching terminals. With all parts, wire, solder, and detailed instructions. Less key, mike, crystals. 5x12x7". For 110-130 v., 60 cycle AC. Shpg. wt., 15 lbs.

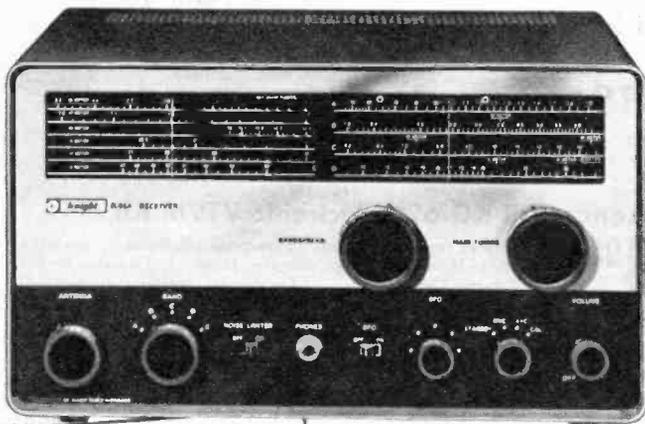
83 YX 294-R. \$5 Monthly Now Only **44.95**

90 SS 381-R. Crystal. Specify 3500 to 3999 kc. Wt., 3 oz. **2.95**

99 SS 267-R. Crystal. Specify 7000 to 7334 kc. Wt., 3 oz. **2.95**

99 SS 296-R. Crystal. Specify 8340 to 8450 kc. Wt., 3 oz. **2.95**

Model R-55A Economy 5-Band Communications Receiver Kit



Always a bargain . . . now an even greater one at this new low price! Just right for the beginning Ham, electronics fan, or "armchair adventurer." The R-55A tunes the broadcast band and worldwide shortwave bands from 530 kc through 36 mc, plus VHF from 47 to 54 mc.

Six separate direct-reading scales are calibrated for the 80 through 6-meter Ham bands. Flywheel-loaded main tuning, bandspread control and huge illuminated slide-rule dial—all contribute to smooth, effortless station selection. Self-contained 3½" speaker provides sharp voice and CW reproduction. A headphone jack for private listening, is conveniently located on the front panel. Handy antenna trimmer peaks incoming signal.

Sensitive superhet circuit has two 1650-kc IF stages for sharp selectivity and high image rejection. Other features include: AVC circuitry to reduce fading and "blasting"; BFO for optimum code reception; standby switch; noise limiter; and remote control terminals on rear apron. Two modular coil assemblies add to the ease of assembly and provide excellent coil-bank shielding. Has fused, transformer-type power supply for regulation and stability. Gray metal cabinet matches T-60, above. Size, 8½x14¾x10¼". With all parts and instructions. For 110-130 v., 60 cycle AC. 23 lbs.

83 YU 417-R. \$5 Monthly Now Only **59.95**

83 Y 256-R. Crystal Calibrator Kit. Builds into R-55A and R-100A to provide 100-kc markers. 1 lb. **10.95**

83 Y 257-R. Dual Headset and Plug. 1 lb. **2.50**

83 Y 099-R. Antenna Kit. For outdoor or attic mounting. With wire, lead-in, hardware. Wt., 1½ lbs. **98¢**

Save \$5.00

\$59⁹⁵

\$5 monthly

Was \$64.95

- 5 Bands Cover 530 kc to 36 mc and 47 to 54 mc VHF
- Calibrated Electrical Bandspread
- Separate Direct-Reading Scales for 80 Through 6 Meters
- Built-In 3½" Speaker
- Has Noise Limiter; AVC; BFO; Antenna Trimmer; Standby Switch
- Easy to Build and Operate

88¢ Bonus Offer—Big Savings For Amateurs

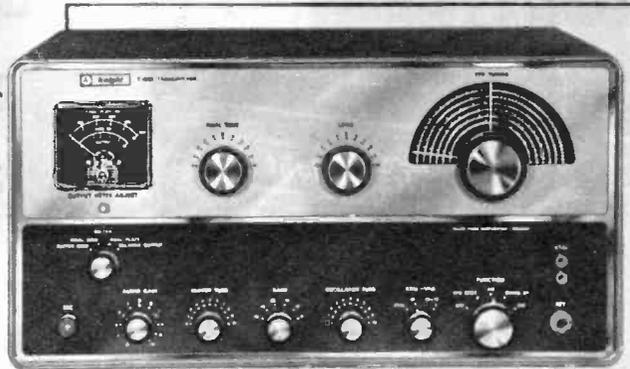
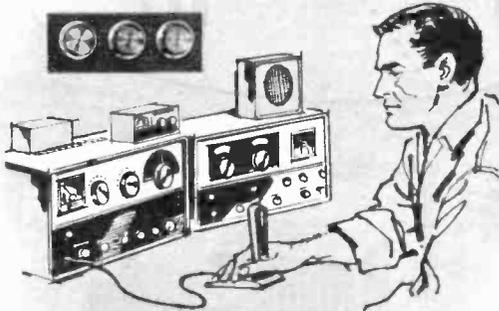
ACT FAST—OFFER ENDS SEPTEMBER 15, 1964



Bonus—Save \$8.07
Home Weather Station



\$8.95 value—88¢ with purchase of R-100A. ~~was \$13.95~~. Three 3" meters. Temperature, 0 to 120° F; barometric pressure, 28-31.9 psi; relative humidity, 10-100%. 15½x5¾" wood grain panel.



Model R-100A Deluxe Amateur Communications Receiver Kit

\$99⁹⁵
\$5 monthly

Weather Station

only **88¢** more

Model T-150A 6-Band 150-Watt Peak AM/CW Transmitter Kit

\$99⁹⁵
\$5 monthly

Save **\$20.00**

Was **119.95**

- Frequency Coverage of 540 kc through 30 mc in 4 Bands
- Calibrated Electrical Bandsread on 80 Through 10 Meters
- Built-In Q-Multiplier Works on AM/CW/SSB—Deep 60 db Notch
- Better Than 1½-Microvolt Sensitivity for 10 db S/N Ratio
- Continuously Variable Selectivity—300 cps to 4½ KC

Has all the selectivity, sensitivity and stability needed for top-flight communications. PC bandswitch and etched circuit boards eliminate critical lead dress, simplify construction, assure top operating stability. Q-multiplier works on CW/AM/SSB modes to null QRM with deep 60-db notch, or to peak desired signals. Selectivity is continuously variable from 300 cps to 4 db down. Sensitivity, better than 1½ μ v for 10 db S/N ratio—on 40 and 80 it's actually ½ to ¾ μ v. Regulated B+ on HFO eliminates drift. Close-tolerance, slug-tuned coils for easy alignment. Exalted BFO for CW/SSB; headphone jack; planetary drive—no dial stringing; ANL; antenna trimmer. 7 tubes plus rectifier and voltage regulator tube. Gray metal case matches T-150A, at right. 9½x17½x9¾". With wire, solder, instructions—plus weather station. Less accessories, below. For 110-130 v., 60 cycle AC. 34 lbs.

- 23 YU 744-2R. R-100A Kit and Weather Station. 100.83**
83 YU 406-R. R-100A Kit Alone. 32 lbs. 99.95
83 Y 423-R. S-Meter Kit. To +40 db over S9. 1 lb. 12.95
83 Y 424-R. S-8A Speaker Kit. 6¾x6¾x5¾". 3 lbs. 9.95
83 Y 257-R. Dual 2000-Ohm Headset and Plug. 1 lb. 2.50

- 150 Watts Peak AM/CW Input on the 80 Through 10 Meter Bands
- Rock-Stable VFO Calibrated for 6 Bands; Planetary Drive
- Thorough Shielding, Filtering, and Bypassing for TVI Reduction
- Controlled-Carrier Screen Modulation for Top Talk Power
- Chirp-free Simultaneous Cathode Keying—Ideal for Break-in

Jam-packed with features for the Ham who demands a clean "big" signal at top watts-per-dollar. Controlled-carrier screen modulation gives fine audio quality with negligible distortion and top talk power. Rock-stable VFO, fully calibrated for 6 bands, has indirectly illuminated scales, backlash-free planetary drive, and spot switch to let you "zero in" without putting a signal on the air. 4-stage simultaneous-cathode keying circuit offers clean CW for break-in work—ideal for contests, traffic and DX chasing. Peak AM/CW inputs are 150 watts on 80-10 meters. 20-watts output on 6 meters. Power supply uses 2 silicon diodes in a full-wave voltage doubler circuit—saves filament power and eliminates heat. Has heater/plate voltage take-off to power auxiliary gear, plus 117 v. for antenna relay. PCIM mike connector for Hi-Z dynamic or crystal mike. Front-panel key jack. 4-way panel meter reads buffer and final grid current, final plate current and relative RF power output. Tubes: 12BY7, 12AX7, 6CL6, 6DR7, OA2, 7189, 2-6146's. Gray metal case matches R-100A, left. 8½x17x10½". With wire, solder, instructions. Less mike, key. For 110-130 v., 60 cycle AC. 35 lbs.

- 83 YU 409-R. T-150A Kit Alone. 35 lbs. 99.95**
83 Y 253-R. Weather Station. 2 lbs. 8.95

Knight-Kit Amateur Equipment Is Always Your Best Buy

knight-kit

C-100 Walkie-Talkie Kit

... fun for the entire family

**LOWEST-COST WALKIE-TALKIE
KIT YOU CAN BUY ANYWHERE!**

Was \$9.95 in Our Catalog—Save Over 10%



C-100 Alone

\$8.88

Complete Outfit

\$18.18



101 Uses
Indoors and Outdoors

No License, Exam or Age Limit—Anyone Can Use It

- Exciting On-the-Go Communications Up to ¼ Mile Between Units
- Fine for Camping, Boating, Picnics—or Talking Around the Home
- Operates for Hours on a Single Low-Cost 9-Volt Battery
- Amazingly Simple to Put Together—and Fun Too

Greatest value yet in an easy-to-build walkie-talkie kit! In a few fun-filled hours, you'll have this 3-transistor beauty assembled and all set for communicating. Ask a friend or family member to get a C-100 too—you'll have a regular 2-way radio system. Just flip the on-off switch and press the push-to-talk button to go on the air—built-in 2" speaker doubles as a microphone. Release button to listen over the super-regenerative type receiver. Crystal-controlled transmitter operates on channel 7 of the Citizens Band. Whip antenna telescopes into case when not in use—extends to 40" high. High-impact case measures only 5½x2¾x1¾"—fits snugly in your hand. Supplied with all parts, crystal, and easy-to-follow assembly instructions. Less battery and optional carrying case (not illustrated; see below). Shpg. wt., 14 oz.

83 Y 804-R. Knight-Kit C-100 Kit. Was \$9.95 8.88

83 Y 002-R. 9-Volt Battery. Each C-100 requires one. 3 oz. Each 21¢

83 Y 013-R. Leatherette Carrying Case. With Hand Strap. 4 oz. 98¢



**Complete C-100 Two-Way
Communications Outfit**

\$18.18

Everything You Need for
Reliable Communications
Up to ¼ Mile—All in One
Bargain-Priced Package!

You'll find all sorts of applications for this perfectly matched 2-way radio system! Build the C-100's in just a few short hours and you're on the air, ready to talk with family, friends and neighbors. Literally dozens of uses both at home and away—let your imagination be your guide! Here's what this lowest-cost outfit includes: Two Knight-Kit C-100 All-Transistor Citizens Band Walkie-Talkie Kits with complete, easy-to-follow instructions; and Two Long-Lasting 9-volt Batteries. Shpg. wt., 2½ lbs.

83 Y 850-R. 18.18

knight-kit C-555 Superhet Walkie-Talkie Kit

Was \$19.95 in Our
Big 1964 Catalog—
You Save \$2.07



C-555 Alone

\$17⁸⁸

Complete Outfit

\$39⁷⁶

\$5 monthly

Easy to
Assemble—
and Fun Too

Designed for
Day-In
Day-Out
Dependability

No License,
Exam, Fee or
Age Limit
Requirements;
the Entire
Family Can
Operate It

k knight

C 555 CITIZENS BAND TRANSCEIVER

- Sensitive Superhet Receiver for Best Range and Reliability
- Crystal-Controlled Transmit and Receive for Dependable Performance
- Solid-State Circuitry—Employs 5 Transistors Plus 1 Diode
- Printed Circuit Board, Pre-Aligned and Mounted Transformers

Famous deluxe walkie-talkie kit is powerful, dependable, rugged and economical! No license or permit is required—crystal-controlled transmitter has 100-milliwatt input for range of up to $\frac{3}{4}$ mile. Pre-wired and aligned IF transformers are already mounted on printed circuit board, assuring quick and simplified assembly. Also offers: jack for earphone, press-to-talk operation, built-in speaker, 40" telescoping whip antenna, volume control—lots more! Coral red case, 7x3 $\frac{1}{8}$ x2". With parts and detailed instructions. Less battery, crystals, optional carrying case and earphone, below. Wt., 1 $\frac{1}{2}$ lbs.

- 83 Y 822-R. Knight-Kit C-555 Kit. Was \$19.95..... 17.88**
83 YY 034-R. Transmit Crystal. Channel 2-22—specify. Wt., 2 oz.... Ea. 1.95
83 YY 041-R. Receive Crystal. Channel 2-22—specify. Wt., 2 oz.... Ea. 1.95
83 Y 014-R. 9-Volt Battery. Uses 1. Shpg. wt., 2 oz..... Each 35¢
SAVE ON BATTERIES! Six Batteries for..... 69¢
83 Y 092-R. Optional Carrying Case and Strap. Wt., 6 oz..... 1.98
83 Y 094-R. Optional Earphone and Plug. For private listening. 3 oz. 79¢



\$39⁷⁶

Complete C-555 Two-Way Communications Outfit

Includes Everything You Need
for Reliable Two-Way Communications
Over Distances Up To $\frac{3}{4}$ Mile

You get absolutely everything required for dependable and sensitive two-station, two-way communications up to $\frac{3}{4}$ mile between units. And you save a big \$8.64 off the regular 1964 catalog price of the individual components. Look at all you get in budget-stretching package: Two Knight-Kit C-555 Superhet Walkie-Talkie Transceiver Kits with complete, easy-to-follow assembly instructions; Your Choice of Two Transmit and Two Receive Crystals; and Two Long-Lasting 9-volt Batteries. Crystals available from channels 2 through 22—specify channel you desire when ordering. Shpg. wt., 4 lbs.

23 Y 722-1R. \$5 Monthly..... 39.76

Knight-Kits Are Your Best Buy in Walkie-Talkie Kits

ALLIED 63



knight-kit "Ten-2" CB Tester Kit

"Ten-2" Kit

\$25⁹⁵

\$5 monthly

BONUS OFFER!

Wen Soldering Pistol

only **88¢** more

Save on Soldering Pistol
When You Buy "Ten-2"



Save \$2.76

Model 75 Reg. \$3.64. Consumes 30-50 watts, performs like 100-watt gun. Spotlight U.L. and C.S.A. Listed.

Boost Range and Performance—Get The Most Out Of Your CB Equipment

Be sure your CB transceiver is performing "A-OK" by using the transistorized "Ten-2" tester. Combines 10 important instruments in one compact unit to quickly evaluate and improve the performance of CB equipment in mobile or fixed installations. Measures (with 10% accuracy) relative standing-wave ratio of antenna arrays and transmission lines, percentage of positive and negative modulation, RF power output, relative field strength, and relative crystal activity. Can also be used as a signal monitor, crystal-controlled RF generator, audio generator and code-practice oscillator. Battery-powered for simplified troubleshooting in the shop or field. Large, easy-to-read 2" meter has four scales, and a sensitive movement. Front-panel sockets accept any standard or miniature CB transmitting

crystal. Also has front-panel jacks for key, headphone output, oscilloscope output, and RF generator output, as well as Motorola-type sockets for CB antenna and transceiver inputs. 40" telescoping antenna. Low-battery-drain, two-transistor amplifier/oscillator. Battery condition can be read on meter. Only 5 $\frac{3}{8}$ "x7 $\frac{1}{8}$ "x4 $\frac{1}{4}$ ". Charcoal gray with brushed-aluminum panel. Black and satin knobs. With 9-v. battery, all parts, and easy-to-follow instructions. 4 lbs.

- 83 Y 823-R. "Ten-2" Kit Alone. \$5 Monthly. **25.95**
- 23 Y 833-2R. "Ten-2" Kit and Soldering Pistol. 6 lbs. **26.83**
- 83 Y 561-R. Factory-Assembled "Ten-2" Alone. 4 lbs. **39.95**
- 23 Y 834-2R. Factory Assembled "Ten-2" & Pistol. 6 lbs. **40.83**
- 41 H 199-R. PL-259-to-Motorola-Plug Adapter. 6 oz. **44¢**

KG-4000A 1-Watt Walkie-Talkie Kit Sale



Our Best Walkie-Talkie Kit
Price Slashed Over 15%

Save
\$10.00

\$49⁹⁵
\$5 monthly

Reg. \$59.95
in Catalog
230

SALE ENDS SEPTEMBER 15, 1964

Enjoy big savings on this professional-quality, crystal-controlled Citizens Band walkie-talkie kit at a special low price. Full one-watt input to transmitter for greater range (up to 5 miles over ideal terrain). Crystal-controlled superhet receiver features 1 μ v sensitivity. Local-distant switch permits close-in operation without overload distortion. Noise limiter improves reception—reduces ignition noise and other interference. Squelch control keeps receiver silent between messages, and reduces battery drain. Other features: handy press-to-talk operation; relative RF output indicator; 52" telescoping whip antenna; external-antenna jack for fixed or mobile use; plug-in crystal sockets; output for earphone or additional speaker. Tan styrene case, 10 $\frac{3}{8}$ "x3 $\frac{3}{8}$ "x4 $\frac{1}{2}$ ". With

easy instructions, FCC application, and strap. Less batteries (uses 8) and crystals (uses 1 transmit and 1 receive), below. Shpg. wt., 6 lbs.

- 83 YX 808-R. \$5 Monthly. **49.95**
- 83 YX 500-R. Factory-Assembled KG-4000A. Save \$10.00 off Catalog 230 price. **39.95**
- 83 Y 012-R. "C" Batteries. 2 oz. Each **14¢**
- 83 Y 011-R. Rechargeable Battery and Charger Kit. Nickel-cadmium cell replaces "C" batteries. Charges from 115 v. AC outlet. 1 lb. **19.95**
- 83 Y 047-R. 12-VDC Adapter/Charger Cable. Plugs into auto cig. lighter receptacle. 4 oz. **1.00**
- CRYSTALS. Specify channel—from 1-22. 2 oz.
- 83 YY 041-R. Receive Crystal. Each **1.95**
- 83 YY 034-R. Transmit Crystal. Each **1.95**



Reg. \$124.95

\$99⁸⁸

\$5 monthly

Save \$30.06 on 1-Watt CB Outfit

Order now for giant savings! Our Catalog 230 price for this deluxe outfit saves you \$4.99 off the regular prices of each item in the outfit purchased separately. Now, our special Sale price for this outfit gives you an additional savings of \$25.07. High-powered 2-way communications outfit includes: Two Knight-Kit KG-4000A 1-Watt Walkie-Talkie Kits; 16 "C" Batteries (each kit uses 8); Two Transmit Crystals; and Two Receive Crystals; Crystals are available for channels 1 through 22—specify your choice of channels. Shpg. wt., 15 lbs.

- 23 YX 717-3R. \$5 Monthly. **99.88**

Knight-Kits Are Your Finest Value in Citizens Band Gear

knight-kit® C-22 5-Watt CB Transceiver

... OUTSTANDING PERFORMANCE AT AN ECONOMY PRICE



Save
\$5.00

as low as
\$59.95 Each
\$5 monthly

Famous Knight-Kit Model C-22 Universal 5-Watt Citizens Band Transceiver Kit

When you build this top-performing CB transceiver, you open up a whole new world of convenience—and you do it at the lowest possible cost. Always an outstanding value, the C-22 is now yours at \$5.00 below catalog 230 price—so you get the most for your CB dollar when you order now! And what's more, this fine unit is easy and enjoyable to build.

Compact size, easy accessibility of controls and crystals, handy press-to-talk operation, and self-contained power supply for 115 volts AC or 12 volts DC—all make the C-22 the perfect transceiver for any CB application. Talk with your office, home or other CB mobile units from your car. In your boat, it's a perfect low-cost marine communication unit for keeping in touch with the shore or other boats. Features include: 5 crystal-controlled transmit-receive channels; superhet receiver with 23-channel vernier tuning and 1 μ v sensitivity; 5-watt transmitter with range of up to 20 miles; adjustable squelch, automatic noise limiter; and adjustable pi-network output circuit. Size, 4 $\frac{1}{4}$ "x10 $\frac{1}{4}$ "x10 $\frac{1}{2}$ ". With all parts, wire and solder, press-to-talk ceramic mike with coiled cord, instructions. Less crystals, below. 19 lbs.

83 YX 802-R. \$5 Monthly Reg. \$69.95 **64.95**
83 YX 801-R. Standard C-22 Kit. Reg. \$64.95. As above, but for 110-130 v., 60 cycle AC only. 18 lbs. **59.95**
83 Y 009-R. Under-Dash Mobile Mounting Bracket. 6 lbs. ... **4.95**
83 YY 046-R. Transmitting Crystals. (C-22 accommodates 5.) Shpg. wt., 3 oz. Specify channels 1-22 Each **2.50**
83 YY 045-R. Receiving Crystals. (C-22 accommodates 5.) Shpg. wt., 3 oz. Specify channels 1-22 Each **2.50**

Sale Ends September 15, 1964



Save \$18.70-Knight-Kit C-22 Complete Blue Ribbon Base-to-Mobile CB Outfit

Reg. \$169.95
\$159.95
\$8 monthly

- Everything Needed for Dependable Base-to-Mobile Communications
- With Transmit and Receive Crystals for 2 Channels of Your Choice
- Special Low Sale Price

Save twice on this blue ribbon CB outfit! Save \$8.70 off the regular catalog prices of the individual items; plus \$10.00 more on the outfit sale price. Outfit includes:

- (A) Knight-Kit C-22 Universal Transceiver Kit with Built-In Power Supply for 115 VAC and 12 VDC
 - (B) C-22 Standard Transceiver Kit for 115 VAC Only
 - (C) Under-Dash Mobile Mounting Bracket for C-22
 - (D) 65 Ft. of RG58/U Coax Cable and Connectors
 - (E) Allied's Own "Understanding and Using Citizens Band Radio" Book
 - (F) Hy-Gain Model BPRW 102" Stainless Steel Mobile Whip Antenna with Bumper Mount
 - (G) Hy-Gain Model GP-500 Ground-Plane Antenna
 - (H) Choice of 2 Transmit and 2 Receive Crystals
- Specify channel desired (1-22). Wt., 70 lbs.
23 YZ 700-5R. Shipped Express..... 159.95

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SALE SPECIAL!

Catalog Price Cut \$5.00



Reg. \$39.95

Save \$5.00

Now Only

\$34.95 less case

\$5 monthly

**Order Now! Sale Ends
September 15, 1964**

KG-250 20-Watt Stereo Amplifier Kit

FIRST TIME EVER OFFERED AT THIS LOW PRICE

The finest 20-watt stereo amplifier kit anywhere—now offered at a specially reduced price. Brings you sophisticated styling and a clean 24 watts of IHFM power—12 watts in each channel. The point-to-point wiring allows fast, easy, fun-filled assembly.

Knight-Kit "plus" features include: built-in, RIAA-equalized preamp stages for magnetic phono cartridges; separate bass and treble controls; push-pull output stage for true high-fidelity sound.

Selector switch instantly chooses stereo, stereo reverse, or monophonic modes, and choice of phono, tuner, or auxiliary inputs. Concentric clutch-type control varies the volume of both channels separately or simultaneously. Use of DC on preamp tube filaments reduces hum. Quality output transformers and negative-feedback circuit

eliminate distortion. Deluxe styling highlighted by solid, extruded aluminum panel with matching knobs.

Output Power: 20 watts sine wave power. IHFM, 24 watts; 12 watts per channel; 48 watts peak. **Response:** ±1 db, 30-15,000 cps at rated output. **Harmonic Distortion:** below 1.5% at 20 watts. **Hum and Noise:** tuner, -65 db at 20 watts; mag., phono -50 db at 20 watts. **Outputs:** 4, 8, 16 ohms per channel.

A compact 4 1/8 (plus 5/8" feet)x13 1/4x8 1/2". With instructions. Less case, below. For 110-130 v., 60 cycle AC. 16 lbs.

- 83 YX 317-R. \$5 Monthly 34.95**
- 83 YX 031-R. Metal Case. Brown finish. Shpg. wt., 6 lbs. 4.95**
- 83 YX 030-R. Oiled Walnut Wood Case. Shpg. wt., 7 lbs. 9.95**