

# 1977 ELECTRONICS CATALOG

OUR EXCLUSIVE LINE OF STEREO • RADIOS • CB • TAPE • KITS • PARTS

# Radio Shack

A TANDY CORPORATION  
COMPANY

## Here's Why Realistic is Hi-Fi "Numero Uno"

The 1977 Realistic® "Everything System" opens with a \$155.78 discount and closes with another satisfied music lover. An open and shut case we do better than anyone in the audio business. Heart of the system is the new STA-64 receiver, made by us in our own factory. Add two Nova-6 speakers, Nova-30 fones, belt-drive LAB-50 auto-turnstile with cartridge. And top it all off with Realistic's new front-load SCT-11 cassette deck (Dolby on tape and FM!) and two Realistic CrO<sub>2</sub> blank cassettes. When Radio Shack says "everything" you get it all—pounds and pounds of good sound for less than the price of a good camera—at all participating stores.

Everything Sold Separately \$754.78 **\$599**



**Radio Shack®** makes your TV the best game in town  
with our exclusive electronic **TV SCOREBOARD™**



FCC Type Approved

**Play Tennis! Play Hockey! Play Handball! Practice!**  
**See and Hear All the Fun on Your Own TV Screen!**

- Individual Slam, Slice and Serve Controls
- Different Visual Display for Each Game and Practice
- Automatic Digital On-Screen Scoring with Sound
- Triple Audio-Effects for Sports Realism
- Connects to Antenna Terminals of Any TV Set

**99<sup>95</sup>**

New! Made by us in the USA! A truly deluxe game center at a budget price, TV SCOREBOARD turns your TV into a game room for the whole family. It's a real challenge that develops skill, coordination and timing. Sophisticated solid-state circuitry and separate remote control panels give you complete command of your player or players on the screen—you can vertically position them and also adjust for a fast or normal ball, slice or natural angle, small or large paddle, manual or automatic serve. And on color sets you can see the action and background in brilliant color! Built-in speaker creates authentic scoring and game sounds. Each unit, 2½x8x7". Complete with U.L. listed 120 VAC adapter, or use 6 "C" cells (not included). Ask for 60-3050. Sold only where you see the Radio Shack sign!

See  
the Action in  
**Full Color!**



# It's Radio Shack's® 56th Year!

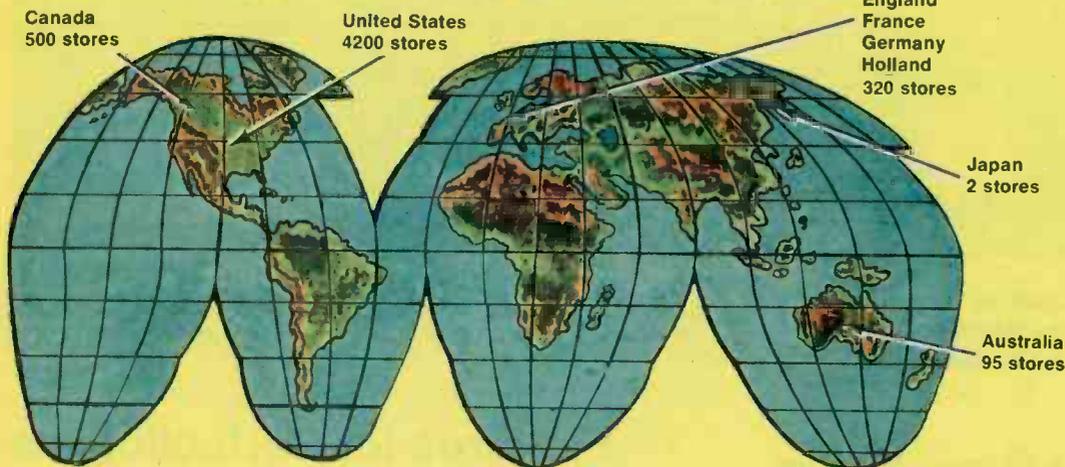
We're More Convenient Than Ever!  
Now 5000 Radio Shack Stores  
and Dealers Around the World



## TANDY CENTER

Radio Shack International headquarters in downtown Fort Worth, Texas. Part of an 8-square block redevelopment venture directed by Tandy Corporation (NYSE), parent company of Radio Shack. To be completed in early 1977.

## THE WORLDWIDE SUPERMARKET OF SOUND®



## Why we're "The" Place to Shop

**WE'RE NEAR YOU!** With stores and dealers in nearly 3000 cities and towns in the USA alone.

**RADIO SHACK MANUFACTURING!** We own and operate sixteen factories in four countries. For us, this means fewer markups, high efficiency, better distribution. For you, it means everyday low prices.

**EXPERT SALESPEOPLE!** Because they specialize in electronics and our own brands, our people know their products and can make intelligent recommendations.

**56 YEARS OF CUSTOMER SATISFACTION.** Over 16,000,000 folks regularly shop at Radio Shack. That says a lot about our ability to please people.

**QUALITY CONTROL!** We know you want equipment that works, not "bargains" that break down. We build and buy for reliability first.

**WE SERVICE WHAT WE SELL!** Our guarantees really mean something — service and factory parts available through our stores in 50 states and 9 countries.



## Some of Our Exclusive Brands

World-Famous for Quality and Service

**REALISTIC®** These brands and 164 pages back up our claim of being "the only full-line electronics catalog that isn't Me Too". Over 18,000 people work in Radio Shack sales, manufacturing and service. When you choose one of our famous national brands, you get what's really new in electronics. And Radio Shack is, as we say on TV, the only place you can find it.

**ARCHER®**

**MICRONTA®**

**ArcherKit®**

**Science Fair®**

**PATROLMAN®**

**SUPERTAPE®**

## About our Prices

Prices shown are subject to change without notice. Prices apply to participating stores in continental USA but may vary from store to store. We are not liable for typographical errors.

## UL and CSA Listed (Most but not all items)



Whichever label applies, it certifies that your new Radio Shack product will have met the specifications for electrical safety by Underwriters' Laboratories and/or the Canadian Standards Association. CB equipment is FCC Type Accepted.



Buy Now,  
Pay Later

These two charge cards are honored at most Radio Shack stores. Other credit plans may also be available.

# QUICK INDEX

complete index page 83  
store locations page 78  
quantity prices page 82  
business opportunities page 82

Amplifiers, Stereo	15
Antennas, CB	121
Antennas, TV/FM	114
Antennas, VHF/UHF	136
Batteries	148
Boards, PC	91
Books	150
Cables, Audio	42
Calculators	152
Car Stereo	50
Cartridges, Phono	40
Changers, Record	30
Citizens Band	128
Clock-Radios	138
Compact Music Systems	26, 140
Crystals	126
Educational Lab Kits	154
Electronic Parts	85
Headphones	24
Hi-Fi Equipment	4
Intercoms	112
Kits	154
Microphones	33
Multitesters	104
PA Equipment	35
Phonographs	29
Project-Boards	96
Radios, Communication	137
Radios, Portable	141
Radios, Table	141
Scanners	134
Science Fair	154
Security Devices	106
Speaker Systems	18
Speakers, Replacement	46
Stereo Hi-Fi	4
Styli, Phono	40
Tape and Accessories	64
Tape Recorders	54
Telephone Devices	109
Test Equipment	104
Timing Devices	70
Tools and Hardware	71
Tubes	84
TV Accessories	116
Walkie-Talkies	125
Wire	89, 119

# Realistic® Takes a Quantum Leap Into High Power!



Available Nov. 15, 1976

# 499<sup>95</sup>

**Custom  
Walnut Veneer  
Side Panels**

75 watts per channel, minimum RMS at 8 ohms from 20-20,000 Hz, with no more than 0.25% total harmonic distortion

## The Heart of a Great Stereo System

- Multiplex Filter • 2 Aux Inputs • 75 & 300-Ohm FM Inputs
- Detented Dual Concentric Bass and Treble Controls
- Source Indicator Lights • Preamp Output and Main Amp Input
- FM Muting • Heavy-Flywheel Precision Tuning • DIN Jack

Realistic® STA-2000. The all-new receiver that lowers the cost of super-power stereo. With 75 low-distortion RMS watts on each channel, the most demanding music stays undistorted even at near live-performance listening levels. There are the controls you need for the versatility you want. A Hi-MPX filter cleans up noise on weak FM stereo signals. The tape recordist can work with two decks at once, and both DIN and phono-type tape in and out jacks make hookup to all equipment easy. The tone controls have 11 click-stop steps, including a "Flat" position, for a ruler-flat response when you want it. The preamp has a Hi/Low magnetic phono sensitivity switch and a 200-millivolt overload figure—you can use the best cartridges and enjoy thrilling wide-dynamic-range music. Pushbuttons for power on-off, A and B speaker pairs, stereo-mono, FM muting, volume attenuation, Perfect Loudness. Switched and unswitched AC convenience outlets, of course. And there's beauty to match the audio brawn of the "2000"—edge-lighted dial, signal-strength and power meters, massive controls and brushed aluminum front panel. U.L. listed. 31-2075 ..... 499.95

## Specifications

**AMPLIFIER.** Power Output at 8 Ohms: 75 watts per channel, minimum RMS from 20-20,000 Hz, with no more than 0.25% total harmonic distortion. Frequency Response: 15-25,000 Hz  $\pm$  2 dB at 5 watts. Intermodulation Distortion: 0.1% at 50 watts. Signal-to-Noise Ratio: 70 dB (phono); 75 dB (aux). Phono Input Overload: 200 mV. **FM TUNER.** Sensitivity (IHF): 1.7  $\mu$ V. Capture Ratio: 1.5 dB at 1 kHz. Alternate Channel Rejection: 1.7 dB. Stereo Separation: 48 dB at 1 kHz. Total Harmonic Distortion: 0.15% stereo; 0.15% mono. Signal-to-Noise Ratio: 70 dB. **AM TUNER.** Sensitivity: 200  $\mu$ V for 20 dB S+N/N. Image Rejection: 60 dB. Signal-to-Noise Ratio: 45 dB. **POWER REQUIREMENT:** 120 VAC, 60 Hz. **SIZE:** 6 $\frac{1}{4}$ x19 $\frac{1}{4}$ x16 $\frac{1}{2}$ "

## Features for Perfectionists

**Dual Calibrated Power Meters.** Monitor output to show how much power is actually reaching your speakers. Help prevent speaker overload, too.

**Phase-Locked Loop FM Stereo.** For the best in channel separation, response, low distortion.

**Dual-Gate MOSFET FM Front End.** More sensitivity, less noise than ordinary "FETs".

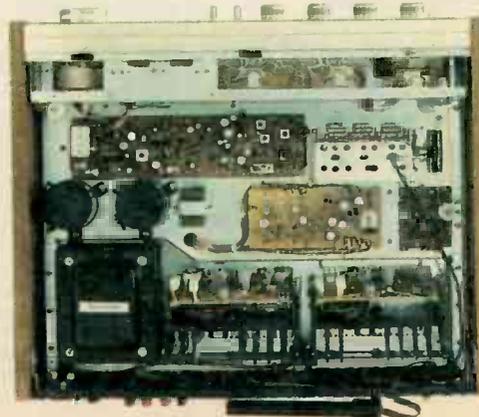
**Dual Tape Monitoring and Tape 1-to-2 and Tape 2-to-1 Dubbing** without changing connections.

**Perfect Loudness®.** Adds tonal compensation at all volume settings, high or low. Exclusive!

**Attenuator Button.** Instantly raises or lowers volume 20 dB without disturbing controls.

**Direct-Coupled Amplifiers.** No capacitors to rob your speakers of the power you want.

## Realistic Looks Good, Inside and Out



Retail Prices in This Catalog May Vary at Individual Stores and Dealers

# the "everything" system



Save  
79<sup>90</sup>

Reg. Separate Items Price ~~828<sup>90</sup>~~ Complete System **749<sup>00</sup>**

- Realistic STA-2000 AM/FM Stereo Receiver
- Two Optimus-5B Walnut Veneer Floor Speakers with 12" Woofer, 3 Midrange/Tweeters
- Realistic LAB-50 Changer with Base and \$17.95-Value Elliptical Cartridge

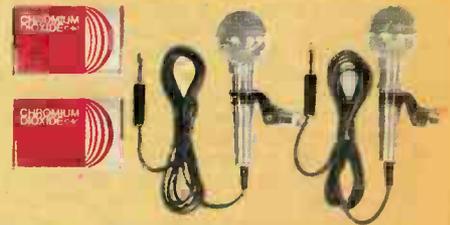


Save 170<sup>67</sup>

Reg. Separate Items Price ~~1369<sup>67</sup>~~

Complete System

**1199<sup>00</sup>**



- Realistic STA-2000 AM/FM Stereo Receiver
- Two Mach-One Walnut Veneer Floor Speakers with 15" Woofer, Midrange Horn and Tweeter
- Realistic LAB-300 Manual Turntable with Base, Dust Cover, Magnetic Cartridge with Elliptical Stylus
- Realistic SCT-11 Front Loading Cassette Deck with Dolby\*
- Two C-60 Chromium Dioxide Blank Cassettes
- Two Realistic Highball-2 Microphones
- Realistic LV-10 Stereo Headphones



Save  
90<sup>80</sup>

Reg. Separate Items Price ~~929<sup>80</sup>~~ Complete System **839<sup>00</sup>**

- Realistic STA-2000 AM/FM Stereo Receiver
- Two Optimus T-100 Walnut Veneer Floor Speakers with Two 8" Woofers and 3" Tweeter
- Realistic/Miracord-42 Auto-Turntable with Base and \$24.95-Value Elliptical Cartridge

\*"Dolby" is a registered trademark of Dolby Laboratories, Inc.

Get It "On Credit" at Radio Shack — Mastercharge and BankAmericard Honored at Participating Stores

# Realistic Adds More for '77 and Holds the Price

NEW  
FOR '77



## 399<sup>95</sup>

Custom Walnut  
Veneer Case

55 watts per channel, minimum RMS at 8 ohms from 20-20,000 Hz,  
with no more than 0.3% total harmonic distortion

### Stereo for Serious Music Lovers

- 3 Dual Concentric Detented Tone Controls • FM Muting
- Up-Front Dubbing and Tape-2 Jacks for a 2nd Recorder
- Hi and Lo Filters • Tape Monitor • Tone Flat Switch
- Dual 75 and 300-Ohm FM Inputs • Tuned AM RF Stage

**Realistic® STA-235.** More power, lower distortion, bold new styling — at the same price as last year's STA-225. Even before you turn it on, you know it's all professional — handsome looks, massive metal control knobs, a full range of controls. But that's only the beginning. Its ultra-low-distortion amplifier easily drives 4 speakers. The preamp is spectacular. All 3 tone controls are the "click-stop" type and adjust each channel independently, and Tone Flat removes them from the circuit for a ruler-flat response when you want it. Perfect Loudness® adds just the right amount of tonal compensation at any volume level, not just low levels, for music that always sounds "alive". Tape recorder facilities let you record from any source or dub from one deck to another without changing connections — there are rear panel tape in and out jacks in addition to the front panel jacks. Other features are a magnetic phono Hi/Low sensitivity switch, aux input, mono-stereo button, switching for main and main+remote speakers, headphone jack, switched and unswitched AC convenience outlets. And there's Auto-Magic defeat and a signal-strength meter for AM and manual FM tuning. One of the finest receivers available. U.L. listed. 31-2065 ..... 399.95

### Specifications

**AMPLIFIER.** Power Output at 8 Ohms: 55 watts per channel, minimum RMS from 20-20,000 Hz, with no more than 0.3% total harmonic distortion. **Frequency Response:** 20-20,000 Hz  $\pm 2$  dB. **Signal-to-Noise Ratio:** 65 dB phono, 80 dB aux. **Phono Sensitivity:** 2.5 and 5 mV. **Phono Input Overload:** 160 mV. **FM TUNER.** Sensitivity: 2.0  $\mu$ V IHF. **Capture Ratio:** 2.0 dB. **Total Harmonic Distortion at 1000  $\mu$ V:** 0.5% stereo, 0.2% mono. **Antenna Terminals:** 75- and 300-ohm. **AM TUNER.** Sensitivity: 200  $\mu$ V for 20 dB S+N/N. **Antennas:** Built-in ferrite core, external antenna terminal. **POWER REQUIREMENT:** 120 VAC, 60 Hz. **SIZE:** 5 1/4 x 19 1/8 x 13 1/2".

### Power and Features Galore

**Auto-Magic® FM Tuning.** Fine-tunes any FM station and locks it in for lowest total harmonic distortion, automatically. Realistic exclusive!

**Dual-Gate MOSFET FM Tuner.** Higher sensitivity, less noise, more resistance to overload than ordinary "FET" tuners.

**Perfect Loudness®.** Adds the right amount of tonal compensation to any volume setting. Exclusive!

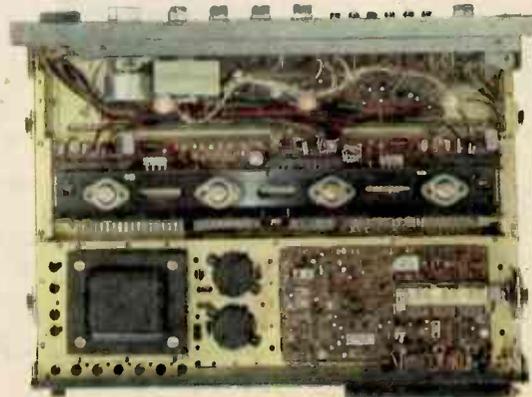
**Quatravox®.** Adds 4-channel effects to stereo. Just connect a 2nd speaker pair. Exclusive!

**Phase-Locked Loop FM Stereo Demodulator.** The best kind. Wider channel separation and response, less distortion.

**Direct-Coupled Amplifiers.** No capacitors to rob your speakers of the power they need.

**Glide-Path®** combined volume/balance controls. Settings you see and feel. Exclusive!

### Look Into Realistic Quality!



Charge and Time-Pay Plans Available at Most Radio Shack Stores

# the "everything" system



good  
Save 60<sup>80</sup>

Reg. Separate  
Items Price

~~659<sup>80</sup>~~

Complete System

599<sup>00</sup>

- Realistic STA-235 AM/FM Stereo Receiver
- Two Optimus-1B Walnut Veneer Floor/Shelf Speakers with 10" Woofer and 2 Tweeters
- Realistic LAB-54 Changer with Base and Magnetic Stereo Cartridge with Diamond Stylus



better

Save  
69<sup>90</sup>

Reg. Separate  
Items Price

~~728<sup>90</sup>~~

Complete  
System

659<sup>00</sup>

- Realistic STA-235 AM/FM Stereo Receiver
- Two Optimus-5B Walnut Veneer Floor Speakers with 12" Woofer, 3 Midrange/Tweeters
- Realistic LAB-100 Manual Turntable, Base, Dust Cover, \$39.95-Value Elliptical Cartridge



best

Save  
89<sup>90</sup>

Reg. Separate  
Items Price

~~828<sup>90</sup>~~

Complete  
System

739<sup>00</sup>

- Realistic STA-235 AM/FM Stereo Receiver
- Two Nova-8B Walnut Veneer Floor Speakers with 12" Woofer, 3 High-Compliance Tweeters
- Realistic/Miracord-42 Auto-Turntable, Base and \$24.95-Value Elliptical Cartridge



Save 121<sup>57</sup>

Reg. Separate  
Items Price

~~1120<sup>57</sup>~~

Complete System

999<sup>00</sup>



- Realistic STA-235 AM/FM Stereo Receiver
- Two Optimus T-100 Walnut Veneer Tower Speakers with Two 8" Woofers, Midrange and 1 1/2" Tweeter
- Realistic/Miracord-42 Auto-Turntable with Simulated Walnut Finish Base, \$24.95-Value Elliptical Cartridge
- SCT-11 Front Loading Cassette Deck with Dolby\*
- Two C-60 Chromium Dioxide Cassettes
- Two Realistic Highball-2 Omnidirectional Microphones
- Realistic Nova-30 Stereo Headphones

\*Dolby is a trademark of Dolby Laboratories, Inc.

Realistic — Our Famous International Brand Sold in USA, Canada, Europe, Australia, Asia

# Medium-Priced Stereo Never Performed So Well



## 359<sup>95</sup>

Includes Custom Walnut Veneer Case

45 watts per channel, minimum RMS at 8 ohms from 20-20,000 Hz, with no more than 0.5% total harmonic distortion

## Superior Power, Style, Features

- Two Tape Monitors • Hi and Lo Filters • FM Muting • Dual Meters
- 75 and 300-Ohm FM Inputs • Phase-Locked Loop Multiplex Circuit

**Realistic® STA-90.** The greatest combination of power and features you'll find in this price range. Dual-Gate MOSFET FM offers higher sensitivity, lower noise, higher resistance to overload than conventional "FET" types. The AM tuner has a 3-ganged front end for optimum reception, too. Direct-coupled amplifiers offer full power and low distortion over the entire audio band. Front and rear dubbing outputs and two pairs of tape-in and tape-out jacks let you record from up to 3 recorders at once. Main, remote, main-plus-remote speaker switch, too. And what beauty—black-out dial, signal-strength and center-channel meters, a pointer that changes color to indicate FM stereo, lighted indicators for FM, FM Mute, AM, Phono, Aux. All this plus Quatravox®—just add a 2nd speaker pair for spacious 4-channel effects from most stereo material. U.L. listed. 31-2063 . . . . . 359.95

### Specifications

**AMPLIFIER.** Power Output at 8 Ohms: 45 watts per channel, minimum RMS from 20-20,000 Hz, with no more than 0.5% total harmonic distortion. **Frequency Response:** 20-20,000 Hz ±2 dB. **Signal-to-Noise Ratio:** 60 dB (phono); 85 dB (aux). **Phono Input Overload:** 150 mV. **FM TUNER.** Sensitivity (IHF): 2.0 μV. **Capture Ratio:** 2 dB. **Alternate Channel Selectivity:** 70 dB. **Stereo Separation:** 35 dB at 1 kHz. **Total Harmonic Distortion:** 0.7% stereo; 0.5% mono. **Signal-to-Noise Ratio:** 65 dB. **AM TUNER.** Sensitivity: 250 μV for 20 dB S+N/N. **Image Rejection:** 45 dB. **Signal-to-Noise Ratio:** 40 dB. **POWER REQUIREMENT:** 120 VAC, 60 Hz. **SIZE:** 5 7/8" x 19 1/4" x 14 1/2".



good

Save 59<sup>90</sup>

Reg. Separate Items Price ~~578<sup>90</sup>~~ Complete System **519<sup>00</sup>**

- Realistic STA-90 AM/FM Stereo Receiver
- Two Nova-6 Walnut Veneer Floor/Shelf Speakers with 8" Woofer and 3" Tweeter
- Realistic LAB-14 Changer with Base and Magnetic Cartridge with Elliptical Stylus



better

Save 69<sup>90</sup>

Reg. Separate Items Price ~~668<sup>90</sup>~~

Complete System **599<sup>00</sup>**

- Realistic STA-90 AM/FM Stereo Receiver
- Two Optimus®-5B Walnut Veneer Floor Speakers with 12" Woofer, 3 Midrange/Tweeters
- Realistic LAB-54 Changer with Base and Magnetic Cartridge with Elliptical Stylus



best

Save 90<sup>80</sup>

Reg. Separate Items Price ~~789<sup>80</sup>~~ Complete System

**699<sup>00</sup>**

- Realistic STA-90 AM/FM Receiver
- Two Optimus T-100 Tower Speakers with 2 8" Woofers, 1 1/2" Tweeter
- Realistic/Miracord-42 Changer with \$24.95-Value Cartridge

# Hi-Performance, Exclusive-Feature AM/FM Stereo

NEW FOR 77



25 watts per channel, minimum RMS at 8 ohms from 20-20,000 Hz, with no more than 0.7% total harmonic distortion

## With Auto-Magic® FM Tuning

- Glide-Path® Controls • Dual-Gate MOSFET FM • Hi Filter • FM Muting
- Tape Monitor • Perfect Loudness® • Phase-Locked Loop FM MPX

Realistic® STA-84. Radio Shack exclusives make this an exciting receiver. There's amazing Auto-Magic—tune to any FM station and release the knob—a special circuit fine-tunes the station and locks it in for lowest harmonic distortion, automatically. Perfect Loudness adds tonal compensation at all volume levels, not just low levels, for brilliantly "alive" music. Glide-Path combined volume/balance controls give you settings you can see and feel and eliminate the need for a separate rotary balance control. And Quatravox brings you 4-channel effects from most stereo—just add a 2nd speaker pair. Also has dual 75 and 300-ohm FM antenna inputs, IF filtering, color-changing dial pointer/FM stereo indicator, main-remote speaker switching, blackout dial and signal strength meter. U.L. listed. Definitely a "best buy"! 31-2062

299.95

### Specifications

**AMPLIFIER.** Power Output at 8 Ohms: 25 watts per channel, minimum RMS from 20-20,000 Hz, with no more than 0.7% total harmonic distortion. **Power Bandwidth:** 15-45,000 Hz. **Frequency Response:** 20-20,000 Hz, ±2 dB. **Intermodulation Distortion:** 0.1% at 15 watts. **Input Sensitivities:** Mag Phono, 3 mV; Aux, 250 mV. **Hum & Noise:** Phono, -60 dB; Aux, -75 dB. **FM TUNER.** IHF Sensitivity: 2.0 µV. **Capture Ratio:** 2 dB. **Signal-to-Noise Ratio:** 65 dB. **Stereo Separation:** 35 dB at 1 kHz. **Total Harmonic Distortion:** 0.7% stereo, 0.4% mono. **Alternate Channel Rejection:** 60 dB. **Selectivity:** 60 dB. **AM TUNER.** IHF Sensitivity: 250 µV/m. **Image Rejection:** 40 dB. **Selectivity:** 28 dB. **Signal-to-Noise Ratio:** 40 dB. **POWER REQUIREMENT:** 120 VAC, 60 Hz. **SIZE:** 5¼x19½x15".

Includes Custom Walnut Veneer Case

299<sup>95</sup>



good

Save 40<sup>80</sup>

Reg. Separate Items Price 459<sup>80</sup> Complete System 419<sup>00</sup>

- Realistic STA-84 AM/FM Stereo Receiver
- Two Minimus®-10 Walnut Veneer Bookshelf Speakers with 8" Woofer and 3" Tweeter
- Realistic LAB-14 Changer with Base and Magnetic Cartridge with Elliptical Stylus

best

Save 89<sup>90</sup>

Reg. Separate Complete System  
Items Price

688<sup>90</sup> 599<sup>00</sup>



- Realistic STA-84 AM/FM Stereo Receiver
- Two Nova-7B Walnut Veneer Floor Speakers with 10" Woofer and Two 3½" Tweeters
- Realistic/Miracord-42 Auto-Turntable with Base and \$24.95-Value Elliptical Cartridge

better

Save 50<sup>80</sup>

Reg. Separate Complete System  
Items Price 579<sup>80</sup>

529<sup>00</sup>



- Realistic STA-84 AM/FM Stereo Receiver
- Two Optimus®-1B Walnut Veneer Floor/Shelf Speakers with 10" Woofer and 2 Tweeters
- Realistic LAB-50 Changer with Base and \$19.95-Value Elliptical-Stylus Cartridge

Over 4200 Radio Shack Stores and Dealers Nationwide — We're Near You

# A Low-Cost Receiver for Serious Music Lovers

NEW FOR 77



**259<sup>95</sup>**

Includes Custom Walnut Veneer Case

18 watts per channel, minimum RMS at 8 ohms from 20-20,000 Hz, with no more than 0.8% total harmonic distortion

**With FM Muting and Two Aux Inputs**

- FET/IC FM • Phase-Locked Loop Stereo Demodulator
- Direct Coupled Amplifiers • Tape Monitor • Loudness

**Realistic® STA-77A.** The original STA-77 was one of the finest receiver buys ever. This new 77A has improvements to make it even better, and at no increase in price! The FM tuner, with two crystal filters and a 3-ganged front end, now has dual 75 and 300-ohm inputs so you can use any type of antenna system. Phase-locked loop demodulation, the best kind, improves FM stereo separation and response. And with power increased 2 watts per channel and distortion reduced to 0.8%, even hard rock music will stay clean and pure. We've added a DIN tape in/tape out jack to the regular tape jacks for easy connection to any equipment. Other features: center-detent balance control, pushbuttons for muting, mono, tape monitor, loudness and power, signal strength meter, beautiful blackout dial with a lighted pointer that changes from yellow to red to indicate stereo. Plus Quatravox®—just add rear speakers for spacious 4-channel effects from stereo. U.L. listed. 31-2074 ..... 259.95

## Specifications

**AMPLIFIER.** Power Output at 8 Ohms: 18 watts per channel, minimum RMS from 20-20,000 Hz, with no more than 0.8% total harmonic distortion. **Frequency Response:** 15-25,000 Hz,  $\pm 2$  dB. **Signal-to-Noise Ratio:** 60 dB (phono); 70 dB (aux). **FM TUNER. Sensitivity (IHF):** 2.0  $\mu$ V. **Capture Ratio:** 2 dB. **Alternate Channel Selectivity:** 55 dB. **Stereo Separation:** 35 dB at 1 kHz. **Total Harmonic Distortion:** 0.5% stereo, 0.5% mono. **Signal-to-Noise Ratio:** 65 dB. **AM TUNER. Sensitivity:** 200  $\mu$ V for 20 dB S+N/N. **Selectivity:** 32 dB. **Image Rejection:** 43 dB. **Signal-to-Noise Ratio:** 45 dB. **POWER REQUIREMENT:** 120 VAC, 60 Hz. **SIZE:** 5 $\frac{1}{4}$ x18 $\frac{1}{2}$ x14".



good  
Save 40<sup>80</sup>

Reg. Separate Items Price **439<sup>80</sup>** Complete System **399<sup>00</sup>**

- Realistic STA-77A AM/FM Stereo Receiver
- Two MC-1000 Walnut Veneer Bookshelf Speakers with 8" Woofers and 3" Tweeters
- Realistic LAB-14 Changer with Base and Magnetic Stereo Cartridge



better  
Save 49<sup>90</sup>

Reg. Separate Items Price **498<sup>90</sup>** Complete System **449<sup>00</sup>**

- Realistic STA-77A AM/FM Stereo Receiver
- Two MC-1500 Walnut Veneer Floor/Shelf Speakers
- Realistic LAB-54 Changer with Base, Elliptical Cartridge

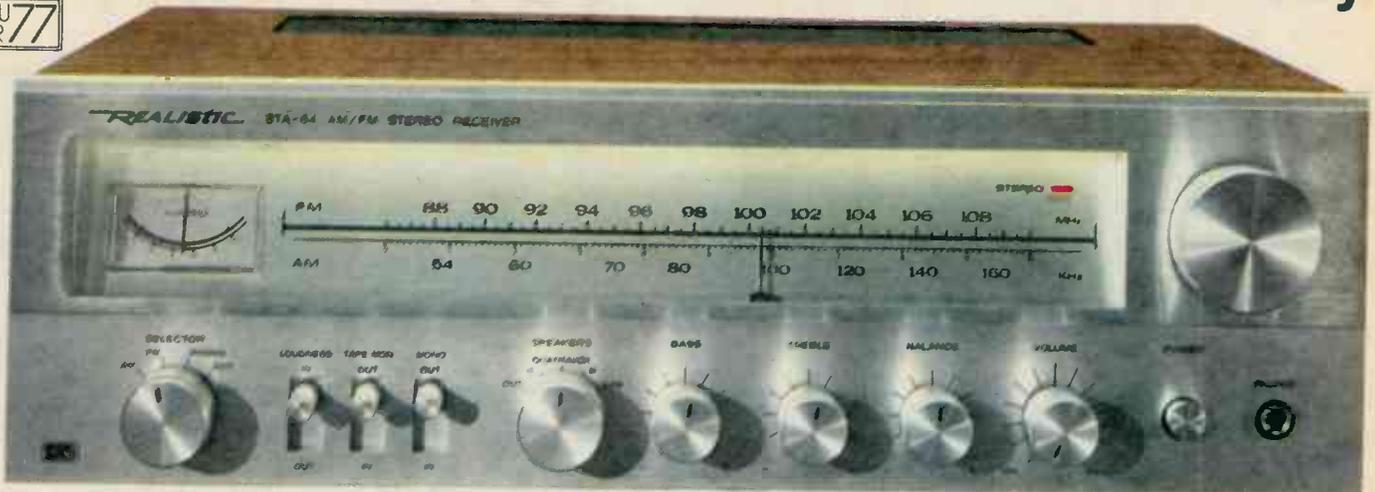


best  
Save 79<sup>90</sup>  
Reg. Separate Items Price **598<sup>90</sup>** Complete System **519<sup>00</sup>**

- Realistic STA-77A AM/FM Stereo Receiver
- Two Nova-7B Walnut Veneer Floor Speakers
- Realistic LAB-100 Manual Turntable with Base, Dust Cover, \$39.95-Value Elliptical Cartridge

# Entirely New - Unbeatable AM/FM Stereo Buy

NEW FOR 77



16 watts per channel, minimum RMS at 8 ohms from 20-20,000 Hz, with no more than 0.8% total harmonic distortion

## Massive Silvery Panel with Hairline Finish

- 11-Step Detented Bass and Treble Controls • FET-FM
- Phase-Locked Loop Multiplex • Tape Monitor • Loudness

**Realistic® STA-64.** Its appearance and the feel of the controls tell you that it's all quality. Giant edge-lit dial with linear scale, oversize signal strength meter, velvet-smooth heavy-flywheel tuning, solid front panel, large metal controls. Features positive-action "flip switches" for loudness, tape monitor and stereo-mono. Also has switching for main and main-plus-remote speakers, and speakers out. Aux and magnetic phono inputs, of course. The sensitive tuner has an FM stereo indicator light and inputs for both 75 and 300-ohm inputs so you can use any type of FM antenna or lead-in. And for maximum recording convenience, there are DIN European-type and regular phono-type input and output jacks. Fully automatic amplifier overload protection. And then there's Quatravox®—just add an inexpensive pair of rear speakers for surround-sound effects from stereo. U.L. listed. 31-2073 ..... 239.95

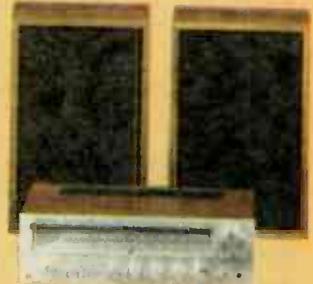
### Specifications

**AMPLIFIER.** Power Output at 8 Ohms: 16 watts per channel, minimum RMS from 20-20,000 Hz, with no more than 0.8% total harmonic distortion. **Frequency Response:** 15-30,000 Hz, ±2 dB. **Signal-to-Noise Ratio:** 65 dB (phono); 70 dB (aux). **FM TUNER.** Sensitivity (IHF): 2.2 μV. **Capture Ratio:** 2 dB. **Alternate Channel Selectivity:** 70 dB. **Stereo Separation:** 38 dB at 1 kHz. **Total Harmonic Distortion:** 0.6% stereo, 0.5% mono. **Signal-to-Noise Ratio:** 65 dB. **AM TUNER.** Sensitivity: 200 μV for 20 dB S+N/N. **Selectivity:** 28 dB. **Image Rejection:** 45 dB. **Signal-to-Noise Ratio:** 42 dB. **POWER REQUIREMENT:** 120 VAC, 60 Hz. **SIZE:** 5¼x18½x14".

Includes Custom Walnut Veneer Case

**239<sup>95</sup>**

good  
Save 50<sup>80</sup>



Reg. Separate Items Price **419<sup>80</sup>**

Complete System **369<sup>00</sup>**

- Realistic STA-64 AM/FM Stereo Receiver
- Two MC-1000 Walnut Veneer Bookshelf Speakers with 8" Woofers and 3" Tweeters
- Realistic LAB-14 Changer with Base, Cartridge

best

Save 69<sup>90</sup>

Reg. Separate Items Price **568<sup>90</sup>** Complete System **499<sup>00</sup>**



- Realistic STA-64 AM/FM Stereo Receiver
- Two Optimus-5B Walnut Veneer Floor/Shelf Speakers with 12" Woofers, 3" Midrange/Tweeters
- Realistic LAB-50 Changer, Base, Elliptical Cartridge

better

Save 59<sup>90</sup>



Reg. Separate Items Price **478<sup>90</sup>**

Complete System **419<sup>00</sup>**

- Realistic STA-64 AM/FM Stereo Receiver
- Two Nova-6 Walnut Veneer Floor/Shelf Speakers
- Realistic LAB-54 Changer, Base, Elliptical Cartridge

Over 4200 Radio Shack Stores and Dealers Nationwide — We're Near You

# Never Before So Much Quality Per Dollar!



## 199<sup>95</sup>

Includes Custom Walnut Veneer Case

12 watts per channel, minimum RMS at 8 ohms from 20-20,000 Hz, with no more than 0.9% total harmonic distortion

## Compare Performance and Features

- Phase-Locked Loop FM Stereo Demodulator • Tape Monitor
- Loudness • Main/Remote Speaker Switch • DIN Jack

**Realistic® STA-52.** The look and sound of luxury comes to inexpensive stereo. A direct-coupled amplifier delivers full power across the entire audio band. Phase-locked loop FM provides wide stereo separation and low distortion. And there's a real line-up of features. Magnetic phono and aux inputs, standard and DIN tape input/output jacks, bass, treble and center-detent balance controls, pushbutton power on/off, headphone jack. Also features a dial pointer with 2 "LED" AM/FM band indicators, signal strength meter, beautiful semi-blackout dial with FM stereo indicator light, AC convenience outlet, phono-type and screw terminal speaker connections, inputs for 75 and 300-ohm FM antennas. And there's Quatravox® for synthesized 4-channel — just add a second pair of speakers. U.L. listed. 31-2072 ..... 199.95

### Specifications

**AMPLIFIER.** Power Output at 8 Ohms: 12 watts per channel, minimum RMS from 20-20,000 Hz with no more than 0.9% total harmonic distortion. **Frequency Response:** 15-30,000 Hz  $\pm$  2 dB. **Signal-to-Noise Ratio:** 60 dB (Phono), 65 dB (Aux). **FM TUNER. Sensitivity (IHF):** 2.5  $\mu$ V. **Capture Ratio:** 2 dB. **Alternate Channel Rejection:** 70 dB. **Stereo Separation:** 34 dB at 1 kHz. **Total Harmonic Distortion:** 0.6% stereo, 0.5% mono. **Signal-to-Noise Ratio:** 60 dB. **AM TUNER. Sensitivity:** 200  $\mu$ V for 20 dB S+N/N. **Selectivity:** 28 dB. **Image Rejection:** 45 dB. **Signal-to-Noise Ratio:** 45 dB. **POWER REQUIREMENT:** 120 VAC, 60 Hz. **SIZE:** 5<sup>7</sup>/<sub>16</sub> x 17<sup>7</sup>/<sub>8</sub> x 11<sup>1</sup>/<sub>4</sub>".



good  
Save 40<sup>80</sup>



Reg. Separate Items Price

~~339<sup>80</sup>~~

Complete System

299<sup>00</sup>

- Realistic STA-52 AM/FM Stereo Receiver
- Two MC-500 Walnut Veneer Bookshelf Speakers with 5" Woofer and 2" Tweeter
- Realistic LAB-14 Changer with Base and Elliptical-Stylus Magnetic Cartridge



better  
Save 50<sup>80</sup>



Reg. Separate Items Price

~~399<sup>80</sup>~~

Complete System

349<sup>00</sup>

- Realistic STA-52 AM/FM Stereo Receiver
- Two MC-1000 Walnut Veneer Bookshelf Speakers with 8" Woofer and 3" Tweeter
- Realistic LAB-54 Changer with Base and Elliptical-Stylus Magnetic Cartridge



best  
Save 80<sup>80</sup>

Reg. Separate Items Price Complete System  
~~479<sup>80</sup>~~ 399<sup>00</sup>



- Realistic STA-52 AM/FM Stereo Receiver
- Two Optimus-1B Walnut Veneer Floor/Shelf Speakers with 10" Woofer and Two Tweeters
- Realistic LAB-50 Belt-Drive Changer with Base and \$19.95-Value Elliptical-Stylus Cartridge

Add a Tape Deck for Even More Listening Pleasure — See Pages 56 and 57

# Deluxe Sound Comes to Budget AM/FM Stereo



7 watts per channel, minimum RMS at 8 ohms from 20-20,000 Hz, with no more than 0.9% total harmonic distortion

## Important Features at a Low Price

- Phase-Locked Loop Demodulator for Superb FM Stereo
- Pushbuttons for On/Off and Main/Remote Speakers • Loudness

**Realistic® STA-21.** Designed to prove that great hi-fi needn't cost a lot. The low-distortion amplifier delivers full power output throughout the entire audio range. And pushbutton loudness adds tonal compensation for rich sound at any volume setting. The tape monitor lets you instantly compare your recording to the original material when using a 3-head deck. Also has a stereo-mono pushbutton for the best sound from any source, standard and DIN-type tape in/out jacks, aux input, bass, treble and center-detent balance controls, magnetic phono input, AC convenience outlet, 75 and 300-ohm FM antenna inputs. All this plus a beautiful blackout dial with a pointer illuminated by an "LED", FM stereo indicator and a signal strength meter. U.L. listed. 31-2071

159.95

### Specifications

**AMPLIFIER.** Power Output at 8 Ohms: 7 watts per channel, minimum RMS from 20-20,000 Hz, with no more than 0.9% total harmonic distortion. Frequency Response: 15-30,000 Hz  $\pm$  2 dB. Signal-to-Noise Ratio: 60 dB (phono), 65 dB (aux). **FM TUNER.** Sensitivity (IHF): 2.8  $\mu$ V. Capture Ratio: 3 dB. Image Rejection: 50 dB. Alternate Channel Rejection: 45 dB. Stereo Separation: 34 dB at 1 kHz. Total Harmonic Distortion: 0.6% stereo, 0.5% mono. Signal-to-Noise Ratio: 60 dB. **AM TUNER.** Sensitivity: 200  $\mu$ V for 20 dB S+N/N. Image Rejection: 45 dB. **POWER REQUIREMENT:** 120 VAC, 60 Hz. **SIZE:** 5 $\frac{1}{2}$ x16 $\frac{1}{4}$ x11 $\frac{1}{8}$ ".

Includes Custom Vinyl Veneer Case

**159<sup>95</sup>**

good  
Save 20<sup>80</sup>



Reg. Separate Items Price

~~259<sup>80</sup>~~

Complete System **239<sup>00</sup>**

- Realistic STA-21 AM/FM Stereo Receiver
- Two Solo-8 Walnut Veneer Bookshelf Speakers with Full-Range Woofer/Whizzer
- Realistic LAB-14 Changer with Base and Elliptical-Stylus Magnetic Cartridge

best

Save 49<sup>90</sup>

Reg. Separate Items Price

Complete System

~~398<sup>90</sup>~~

**349<sup>00</sup>**



- Realistic STA-21 AM/FM Stereo Receiver
- Two MC-1500 Walnut Veneer Floor/Shelf Speakers with 8" Woofer and 3" Tweeter
- Realistic LAB-54 Changer with Base and Elliptical-Stylus Magnetic Cartridge

better

Save 40<sup>80</sup>



Reg. Separate Items Price

~~339<sup>80</sup>~~

Complete System **299<sup>00</sup>**

- Realistic STA-21 AM/FM Stereo Receiver
- Two MC-1000 Walnut Veneer Bookshelf Speakers with 8" Woofer and 3" Tweeter
- Realistic LAB-14 Changer with Base and Elliptical-Stylus Magnetic Cartridge

Realistic — The Famous International Brand Sold in USA, Canada, Europe, Australia and Asia

# The Low-Priced Receiver for Hi-Fi on a Budget

NEW FOR 77



**119<sup>95</sup>** Includes Custom Walnut Vinyl Veneer Case

3.5 watts per channel, minimum RMS at 8 ohms from 30-20,000 Hz, with no more than 0.9% total harmonic distortion

## Magnetic Phono Input and FET/IC FM

- Digital Phase-Locked Loop Multiplex • Tape Output • Blackout Dial
- Low Distortion Amplifier • Lighted "LED" Dial Pointer • Quatravox®

Realistic® STA-16. A lot of receiver for the money. Its phase-locked loop FM stereo demodulator provides full channel separation and wide response even on weaker stations. And the low-distortion amplifier delivers superb sound way down to 30 Hz. Other features include a stereo-mono switch for the best sound from all audio sources, edge-lighted dial and signal-strength meter, boost-and-cut bass and treble controls, center-detent balance control, AFC on FM, headphone jack, and a rear panel AC convenience outlet. All this plus Quatravox—just add a 2nd speaker pair for spacious quadraphonic effects from most stereo material. One of the finest receiver buys available! U.L. listed. 31-2070 ..... **119.95**

### Specifications

**AMPLIFIER.** Power Output at 8 Ohms: 3.5 watts per channel, minimum RMS from 30-20,000 Hz, with no more than 0.9% total harmonic distortion. Frequency Response: 30-22,000 Hz ±2 dB. Signal-to-Noise Ratio: 60 dB (phono); 60 dB (aux). FM TUNER. Sensitivity (IHF): 3.0 μV. Capture Ratio: 3.5 dB. Alternate Channel Rejection: 30 dB. Stereo Separation: 33 dB at 1 kHz. Total Harmonic Distortion: 0.8% stereo, 0.6% mono. Signal-to-Noise Ratio: 60 dB. AM TUNER. Sensitivity: 200 μV for 20 dB S+N/N. Image Rejection: 45 dB. **POWER REQUIREMENT:** 120 VAC, 60 Hz. **SIZE:** 4½x16¼x10¾".



good  
Save 22<sup>80</sup>

Reg. Separate Items Price **181<sup>80</sup>** Complete System **159<sup>00</sup>**

- Realistic STA-16 AM/FM Stereo Receiver
- Two Solo-5 Vinyl Veneer Bookshelf Speaker Systems with 5" Speakers
- Realistic Modulaire® Changer with Base, Dust Cover, Ceramic Stereo Cartridge



better  
Save 25<sup>80</sup>

Reg. Separate Items Price **224<sup>80</sup>** Complete System **199<sup>00</sup>**

- Realistic STA-16 AM/FM Stereo Receiver
- Two Minimus-5 Walnut Veneer Speaker Systems with 6½" Woofer and 1½" Tweeter
- Realistic "48A" Changer with Base, Ceramic Cartridge with Diamond Stylus



best  
Save 34<sup>80</sup>

Reg. Separate Items Price **259<sup>80</sup>** Complete System **225<sup>00</sup>**

- Realistic STA-16 AM/FM Stereo Receiver
- Two MC-500 Walnut Veneer Bookshelf Speakers with 5" Woofer and 2" Tweeter
- Realistic LAB-14 Changer with Base and Magnetic Cartridge with Diamond Stylus

# Components for Beginners or Another Room



A

## A Low-Cost "Mini" Amplifier

- Economical Stereo "Starter"
- Input for Phono Plus Tape or Tuner

**29<sup>95</sup>**

Realistic® SA-10. Stereo for den, office, children's systems— wherever you want quality sound that's affordably priced. Separate left and right channel controls for volume and balance. Versatile full-range tone control. Slide switches for power, input selection and stereo/mono. Includes walnut grained vinyl veneer case. 3¼x7½x5½". U.L. listed. 31-1982 ..... 29.95



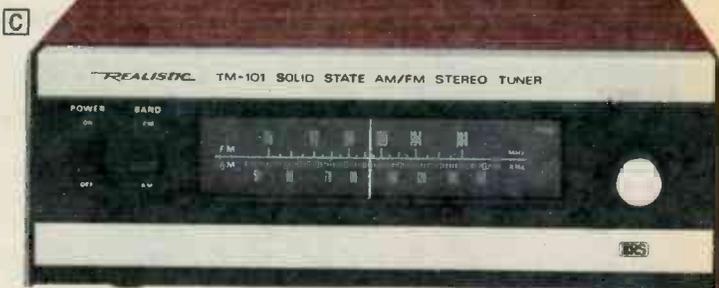
B

## B Deluxe-Feature Stereo Amplifier

- Magnetic/Ceramic Phono Input
- Tape Recorder Output • Headphone Jack

**59<sup>95</sup>**

Realistic SA-101. Fine sound, low cost. Has a full-range response and there are separate tone, balance and volume controls, speaker in/out and stereo/mono switches. Attractive walnut grained vinyl veneer case. 3¼x9¼x7". U.L. listed. 31-1983 ..... 59.95



C

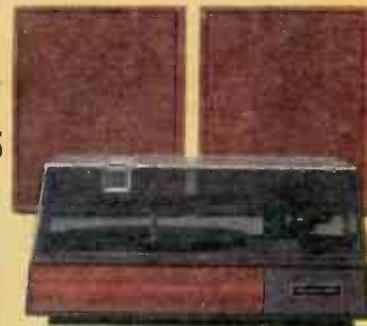
## C Deluxe-Feature AM/FM Stereo Tuner

- The Perfect Match for Amplifiers Above
- Built-In Antennas • FM Stereo Indicator

**59<sup>95</sup>**

Realistic TM-101. Our lowest priced, but offers "dollars-more" performance. You'll hear more stations and less noise thanks to three-ganged FM tuning, ceramic filter, advanced multiplex IC, external FM antenna terminals. Walnut grained vinyl veneer case. 3½x9¼x7". U.L. listed. 31-1984 ..... 59.95

good  
Save 21<sup>80</sup>  
Reg. Separate Items Price ~~151<sup>75</sup>~~  
Complete System **129<sup>95</sup>**



- Realistic SA-10 Stereo Amplifier
  - Realistic TM-101 AM/FM Stereo Tuner
  - Two Solo-5 Vinyl Veneer Speakers
  - Modulaire Changer with Base, Dust Cover, Ceramic Cartridge
- System Without TM-101 **79<sup>95</sup>**

best

Save 39<sup>80</sup>

Reg. Separate Items Price ~~239<sup>75</sup>~~

Complete System **199<sup>95</sup>**



- Realistic SA-101 Stereo Amplifier
- Realistic TM-101 AM/FM Stereo Tuner
- Two Minimus-5 Walnut Veneer Speakers With 6½" Woofer and 1½" Tweeter
- Realistic LAB-14 Changer with Base and Magnetic Cartridge with Diamond Stylus

System Without TM-101 **149<sup>95</sup>**

better

Save 30<sup>25</sup>

Reg. Separate Complete System Items Price

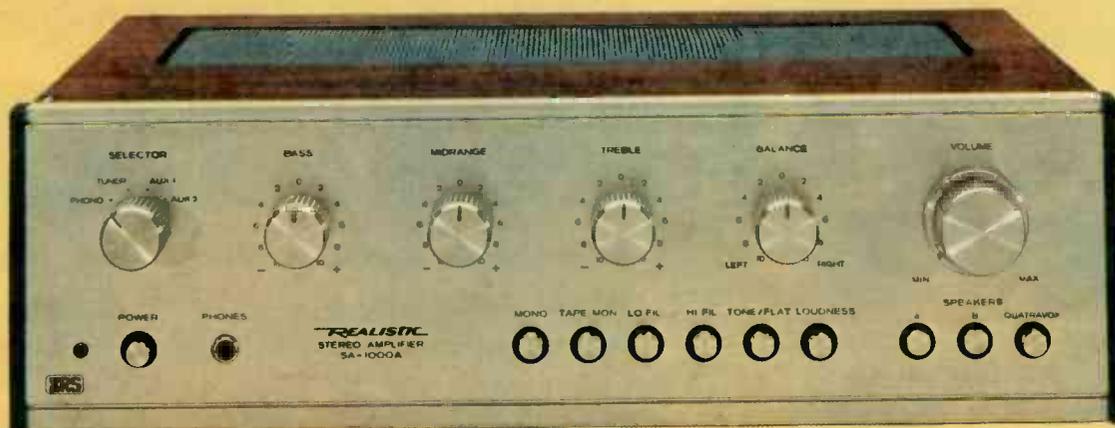
~~204<sup>75</sup>~~ **174<sup>50</sup>**



- Realistic SA-101 Stereo Amplifier
  - Realistic TM-101 AM/FM Stereo Tuner
  - Two Solo-4C Walnut Veneer Speakers
  - Realistic "48" Changer with Cueing, Base, Diamond Stylus Ceramic Cartridge
- System Without TM-101 **124<sup>95</sup>**

Enjoy Your Stereo System Even More by Adding a Tape Deck — See Pages 56 and 57

# Stereo "Separates": The Ultimate Sound & Quality



- Bass, Treble and Midrange Controls
- Tone-Defeat Button Bypasses Tone Controls For Ruler-Flat Response
- Loudness Button and High and Low Filters To Give You Distinct, Sparkling Sound

## 159<sup>95</sup>

Includes Custom Walnut Veneer Case

25 watts per channel, minimum RMS at 8 ohms from 20-20,000 Hz, with no more than 0.5% total harmonic distortion

NEW FOR 77

## Deluxe Integrated Amplifier—Dynamic and Flexible

Realistic® SA-1000A. The features, the controls for superior sound and system flexibility: magnetic phono, tuner and two aux inputs; recording outputs and tape monitor button and jack. Quatravox® synthesizer adds 4-channel realism to stereo sources — just add rear speakers. Also has a headphone jack, stereo/mono switch, switching for two speaker pairs and switched and unswitched AC convenience outlets. Overload protected with thermal cut-out. U.L. listed. 31-1980 . . . . . 159.95

Power Output at 8 ohms: 25 watts per channel, minimum RMS from 20-20,000 Hz, with no more than 0.5% total harmonic distortion. Intermodulation Distortion: 0.2% at 15 W. Frequency Response: 20-20,000 Hz,  $\pm 2$  dB at 1 watt. Signal-to-Noise Ratio: 60 dB (phono); 75 dB (aux). Phono Sensitivity: 2.5 mV. Phono Overload Capability: 150 mV. Power Requirement: 120 VAC, 60 Hz. Size: 4 $\frac{1}{2}$ x15 $\frac{1}{4}$ x11 $\frac{1}{2}$ ".



Power Output at 8 Ohms: 55 watts per channel, minimum RMS from 20-20,000 Hz, with no more than 0.3% total harmonic distortion. THD at 40 W: 0.15%/20 Hz, 0.15%/1 kHz, 0.3%/20 kHz. Intermodulation Distortion: 0.3% at 50 W. Frequency Response: 20-20,000 Hz,  $\pm 1.5$  dB. Signal-to-Noise Ratio: 60 dB (phono); 75 dB (aux). Phono Sensitivity: 3 mV. Phono Overload Capability: 160 mV. Power Requirement: 120 VAC, 60 Hz. Size: 4 $\frac{1}{2}$ x16x12 $\frac{1}{8}$ ".

## 259<sup>95</sup>

Available Nov. 30, 1976

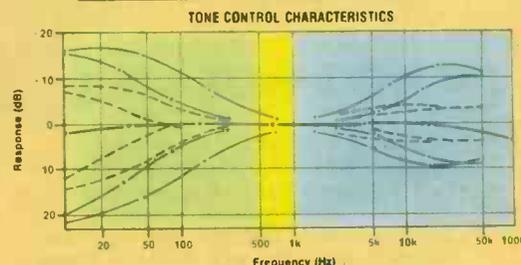
55 watts per channel, minimum RMS at 8 ohms from 20-20,000 Hz, with no more than 0.3% total harmonic distortion

NEW FOR 77

Includes Custom Walnut Veneer Case

## A High-Power Amplifier for Perfectionists

Realistic SA-2000. Radio Shack's finest-ever amplifier. Features tuner, aux and two magnetic phono inputs; recording outputs, dubbing and monitor capabilities for two tape decks. Perfect Loudness®, coupled gain and volume controls, allow you to adjust loudness compensation to your preferences. And there are *selectable* crossover frequencies for the bass and treble controls! All 3 tone controls may be switched out of the circuit. Quatravox 4-channel synthesizer, too. Plus direct-reading power meters, headphone jack, stereo/mono switch, main-remote speaker switching, hi and lo filters. Overload protected. U.L. listed. 31-1985 . . . . . 259.95



**Save 60<sup>75</sup>**

Reg. Separate  
Items Price

**499<sup>75</sup>**

Complete System

**439<sup>00</sup>**



Without  
Tuner **299<sup>00</sup>**

- Realistic SA-1000A Integrated Stereo Amplifier
- Two MC-1000 Walnut Veneer Bookshelf Speakers with 8" Woofers and 3" Tweeters
- Realistic LAB-14 Changer with Base and Magnetic Stereo Cartridge
- Realistic TM-1000 AM/FM Stereo Tuner

**Save 69<sup>85</sup>**

Reg. Separate  
Items Price

**558<sup>85</sup>**

Complete System

**489<sup>00</sup>**



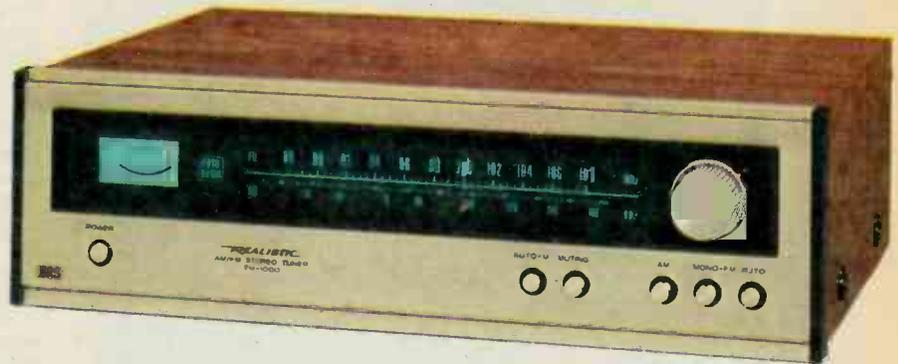
Without  
Tuner **349<sup>00</sup>**

- Realistic SA-1000A Integrated Stereo Amplifier
- Two MC-1500 Walnut Veneer Floor/Shelf Speakers with 8" Woofers and 3" Tweeters
- Realistic LAB-54 Changer with Base and Elliptical-Stylus Magnetic Cartridge
- Realistic TM-1000 AM/FM Stereo Tuner

**Sensitive AM/FM Stereo Tuner  
Perfect for SA-1000A or SA-2000**

- FM Muting Eliminates Interstation "Hiss"
- Output Level Control for System Compatibility
- Includes Custom Walnut Veneer Case

**Realistic® TM-1000.** One of the best, with refined circuitry for optimum audio quality. Features a blackout dial with color-changing dial pointer/stereo indicator, lighted FM/AM signal strength tuning meter, pushbuttons for mono, power on-off, Auto-Magic-off for manual tuning, and muting-off to get weak stations. FM Sensitivity (IHF): 2.0  $\mu$ V. Selectivity: 65 dB. Stereo Separation: 35 dB at 1 kHz. Signal-to-Noise Ratio: 65 dB. AM Sensitivity: 250  $\mu$ V/meter. Size: 4 $\frac{5}{8}$  x 15 $\frac{1}{4}$  x 11 $\frac{1}{2}$ ". U.L. listed. 31-1981 ..... **159.95**



**159<sup>95</sup>**

**AUTO-MAGIC® FM TUNING**—Tune to any FM station and release the knob. Auto-Magic takes over, fine-tunes the station, locks it in for lowest harmonic distortion — automatically. Exclusive!

**Save 70<sup>75</sup>**

Reg. Separate  
Items Price **679<sup>75</sup>**

Complete  
System **609<sup>00</sup>**

- Realistic SA-2000 Stereo Amplifier
- Two Optimus-1B Floor/Shelf Speakers
- Realistic LAB-54 Changer and Cartridge
- Realistic TM-1000 AM/FM Stereo Tuner



Without Tuner **469<sup>00</sup>**

**Save 90<sup>75</sup>**

Reg. Separate  
Items Price **799<sup>75</sup>**

Complete  
System **709<sup>00</sup>**

- Realistic SA-2000 Stereo Amplifier
- Two Optimus T-100 Tower Speakers
- Realistic LAB-50 Changer and Cartridge
- Realistic TM-1000 AM/FM Stereo Tuner



Without Tuner **569<sup>00</sup>**

Enjoy Your Stereo System Even More by Adding a Tape Deck — See Pages 56 Through 59

# Mach One! Super-High Power Handling Speaker

Realistic® Lowers the Cost of Thrilling Theatre-Type Sound!

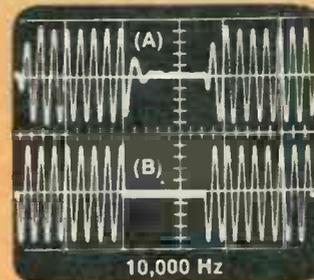
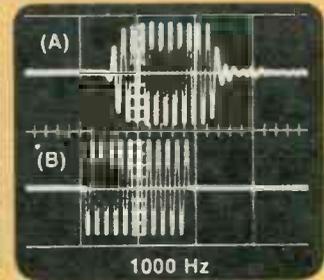
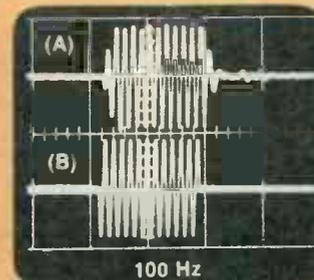
## 199<sup>50</sup>

15" Woofer!  
A Sound Sensation,  
A Sensational Price

- 1 Multicell Midrange Horn For Smooth 800-8000 Hz Response and Superior Sound Dispersion
- 2 High-Compliance Tweeter Horn for Clean Response from 8000-25,000 Hz
- 3 Midrange & Tweeter Level Controls Adjust to Suit Acoustically "Live" and "Dead" Rooms
- 4 Massive 15" Acoustic Suspension Woofer with Brass Voice Coil for 20 Hz Bass

Realistic® Mach One. The first under-\$400 home speaker system with the power capacity to easily handle 100-watt musical surges *and* the ability to reproduce them with awesome realism. The powerful heavy-magnet 15" woofer moves such massive volumes of air you can *feel* the bass. The 4-cell midrange horn adds presence for that "live sound," and its wide dispersion angle assures a good spatial image in stereo systems. The tweeter horn delivers highs so well defined they seem to hang in the air with a bell-like clarity. And a special L-C crossover network blends all speaker elements for a response free of peaks and valleys. To prevent treble attenuation, the grille cloth is almost "acoustically transparent." Once you've heard the soundtrack from a film like "Tommy" or "2001, A Space Odyssey" on the Mach One, we don't think you'll ever settle for a lesser speaker—especially if it costs *more!* 20-25,000 Hz response, 8 ohms impedance. Genuine walnut veneer finish. 28 $\frac{3}{4}$ "x17 $\frac{1}{2}$ "x12". 5-Year Warranty. 40-4024 ..... 199.50

Actual Oscilloscope Photos Show the Accuracy of Mach One Sound Reproduction



### Laboratory Tone-Burst Tests

Tone bursts are used to test transient response—the ability of a speaker to follow sudden large changes in sound levels. In these unretouched photos the "B" bursts show the actual signal of a burst generator. The "A" bursts show the same signal after being amplified, fed into the Mach One, and picked up by a lab mike and fed back into the scope. The Mach One "A" bursts have leading and trailing edges almost identical to the original "B" signals. This means the Mach One has excellent transient response for audio that's free of blurring and resonances—a big factor in the brilliantly "alive" sound of the amazing Mach One!

Removable grille for easy cleaning and custom installations



Over 4200 Radio Shack Stores and Dealers Nationwide — We're Near You

# The Distinguished Optimus® Family Has a New Member — with “Tower Power”

*Luxuriously Finished on All Sides — It Adds Natural Elegance to Your Room Setting, from Any Angle!*

5-Year Warranty on All Optimus Speakers

- Tower Design Puts Speakers at Perfect Height, Without Stands or Supports
- Two 8" Woofers Deliver “Live” Bass
- 3" Tweeter • 75-Watt Peak Program Power

**Realistic® Optimus T-100.** When you see the luxurious and carefully styled T-100, you'll expect a lot in the way of high-fidelity sound. You won't be disappointed. Radio Shack designed the acoustic suspension system from the floor up, choosing every element with the discriminating listener in mind. Two active woofers and a wide-range tweeter assure balanced response from 55-18,000 Hz, ±3 dB, with a crossover point at 3500 Hz. Unlike some other large, high-performance systems, the T-100 is efficient enough to make the most of almost any hi-fi amplifier, so you get good volume without pushing the amp. A 3-way (normal, low, high) L-Pad control lets you adjust the treble response to suit the acoustics of the listening room. And when you come to placing a pair of T-100's, you'll really appreciate the Towers' wall-to-wall elegance. Because they don't have an "ugly side," you can put them anywhere — in the middle of the floor as room dividers, or against the wall as accent pieces. Phono jacks and screw terminals are recessed on the bottom of the enclosure, so even the cable can remain hidden. Genuine oiled walnut veneer cabinet. 8 ohms impedance. 35½x13x12½". 40-2025 ..... **139.95**

# 139<sup>95</sup>

NEW FOR 77



Handsome grille removes for easy adjustment of treble balance.



**A**  
**114<sup>50</sup>**

## Optimus Floor/Shelf Systems — Famous for Superb Sound

### 3-Way, 12" Acoustic Suspension System

**Realistic Optimus-5B.** For the ultimate in smooth 20-20,000 Hz response from a medium-size speaker system. The massive 12" woofer preserves the punch of even the lowest bass. An extended range high-compliance tweeter and two midrange speakers produce the clean sound you'd expect from a larger and costlier speaker. A deluxe L-C crossover network blends all four speakers for superior clarity and low distortion. Variable midrange and high-frequency controls let you adjust to room acoustics. Features phono jack and screw terminal connections for hookup convenience, and a luxurious oiled walnut veneer enclosure with removable grille for cleaning or custom installations. 8 ohms impedance. 25x14x11½". 40-2006 ..... **114.50**

### 2-Way, 10" Acoustic Suspension System

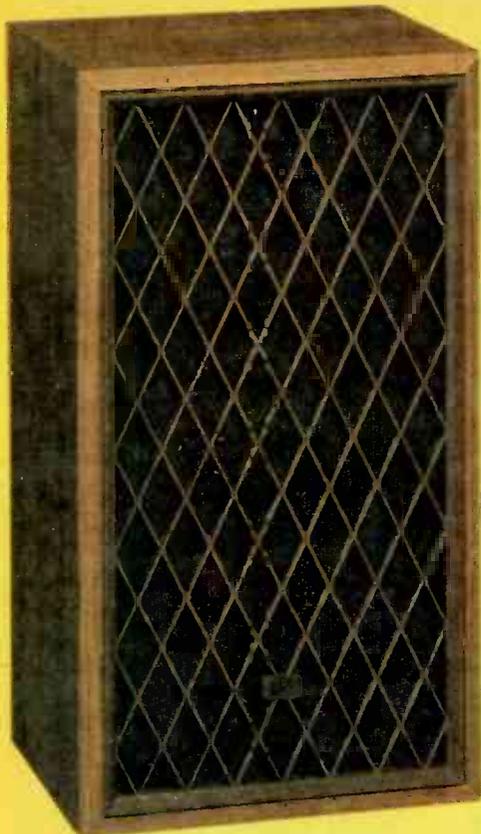
**Realistic Optimus-1B.** One of our most popular speaker systems. Its 10" woofer has a heavy magnet assembly and deluxe crossover for deeper, smoother bass without booming. For better power handling and greater reliability, the two midrange/tweeter speakers have aluminum voice coils. Full 20-20,000 Hz response assures the most listenable sound imaginable. A three-way high frequency switch lets you adjust treble tones to compensate for room acoustics. Handsome walnut veneer enclosure with removable grille. 8 ohms impedance. 20½x11¾x11¼". 40-2005 ..... **89.95**

**B**  
**89<sup>95</sup>**

Get It “On Credit” — Mastercharge and BankAmericard Honored at Most Stores

# Nova® "decorator" speaker systems

All with Radio Shack's  
5-Year Warranty!



**A** 139<sup>95</sup>

**B** 79<sup>50</sup>



**C** 119<sup>50</sup>

## 12" Acoustic Suspension System

**A** **Realistic® Nova-8B.** The style and sound of more costly speakers. Powerful 12" woofer keeps bass firm and solid even at 20 Hz. And for even dispersion, three speakers handle the midrange and one doubles as a tweeter, too. The result—20-20,000 Hz sound so pure you'll almost forget you're listening to just a speaker. Continuously variable midrange and treble attenuators for adjusting to the acoustics of any listening room. Phono jack and screw terminal connections for hookup convenience. Its elegant walnut veneer enclosure and lattice work grille make it a handsome addition to any room. 8 ohms impedance. 25x14x11½". 40-4026 ..... 139.95

## 8" Acoustic Suspension System

**B** **Realistic Nova-6.** The ideal bookshelf system—compact, attractive, and efficient enough to put it way in front of other comparable systems. The 8" woofer handles bass notes down to a throbbing 30 Hz, and the wide-range 3" tweeter reproduces the highest audible frequencies at 20,000 Hz. The Nova-6 achieves these bass and treble extremes without sacrificing a smooth and strong midrange. Arrange a pair of these in your living room or den and you'll hear stereo with "live" presence! A 3-level switch lets you adjust treble response to suit the acoustics of your listening room. Phono jacks and screw terminals for hookup convenience. The genuine oiled walnut veneer is truly impressive, and the Radio Shack label on the grille rotates for horizontal or vertical speaker placement. 8 ohms impedance. 19¼x11½x9⅞". 40-4019 ..... 79.50

## 10" Acoustic Suspension System

**C** **Realistic Nova-7B.** Our popular 3-way floor/shelf speaker brings superb sound to any audio system. No matter what kind of music you like, you'll appreciate the heavy 10" woofer, two 3" speakers with all-aluminum voice coils and a unique L-C crossover arrangement that permits them to handle both the midrange and treble frequencies. You'll get clean and clear sound across the audio spectrum—20-20,000 Hz. A 3-way treble response switch lets you compensate for acoustically "live" or "dead" rooms. Phono jack and screw terminal connections assure easy hookup. Genuine walnut veneer enclosure with stylish lattice work grille. 8 ohms. 22¼x12½x11¼". 40-4025 ..... 119.50



## 2-Way Bookshelf System

NEW FOR 77

- 8" Woofer • 3" Tweeter
- 40-20,000 Hz Response
- Phono Jack & Screw Terminal Connections
- Oiled Walnut Veneer
- Removable Grille

49<sup>95</sup>

**Realistic Minimus®-10 Acoustic Suspension System.** Here's your opportunity to start a component hi-fi system at minimal cost. So efficient it matches up with any low-to-moderate power receiver or amplifier for a satisfying 40-20,000 Hz frequency response. High fidelity at this price is surprising, but when it's wrapped in an elegant oiled walnut enclosure, it's downright amazing. 8 ohms. 17½x11x6". Five-Year Warranty. 40-1983 ..... 49.95

# Big on Quality!

**A Realistic MC-1500.** Use it as a floor or bookshelf system — either way it sounds rich and spacious. Its 8" acoustic suspension woofer delivers deep, powerful bass. Dramatic highs are reproduced with clarity by the 3" high-compliance tweeter. You get amazingly natural sound from 40-20,000 Hz. Genuine walnut veneer enclosure is enhanced with a waffle grille that removes for easy cleaning. Phono jack and screw terminal connections. 23½x13¾x8½". 8 ohms. Five-Year Warranty. 40-1982 ... **79.50**

**B Realistic MC-1000.** The compact system with FULL-SIZED SOUND. Perfect for smaller apartments or dorm rooms. Inside the beautiful genuine walnut veneer enclosure, an 8" acoustic suspension woofer and special "foam suspension" tweeter deliver deep bass and clean, well defined treble. Overall response is 30-20,000 Hz for sound that will satisfy even the fussy listener. Attractive grille cloth is removable for custom installations. 17¼x8¼x11¼". 8 ohms. Five-Year Warranty. 40-1980 ..... **59.95**

**C Realistic MC-500.** Accurate, wide range sound in an enclosure about a third the size you'd expect. It's THE shelf speaker for use where saving space is as important as audio quality. Our efficient two-way design features a 5" acoustic suspension woofer and a 2" tweeter for very impressive 40-20,000 Hz response. The "insides" are covered by an elegant walnut veneer enclosure, removable grille cloth, and by our Five-Year Warranty. Only 11¾x9x5¾". 8 ohms. 40-1981 ..... **39.95**

## Our Famous MC Series Shelf Speakers

**A 79<sup>50</sup>**

**B 59<sup>95</sup>**

**C 39<sup>95</sup>**



### Five-Year Limited Warranty

Realistic MC, Solo®, Nova®, Minimus®, Optimus® and Mach One speaker systems are warranted against defects for 5 years from the date of purchase. Within this period, Radio Shack will repair the equipment without charge for parts and labor. Simply bring your sales slip as proof of purchase date to your Radio Shack store. Warranty does not cover transportation costs nor does it cover equipment subject to misuse or accidental damage. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

### Sculptured Foam Speaker Grille

**5<sup>95</sup>**

**Makes Your Speaker Look Like the Very Latest Model!**

Adds the "New Look" to any speaker system. Cuttable to any size. Velcro strip-fastener for attachment without tools. Rich chocolate brown or black. Acoustically transparent. 17½x23½x¾".

**Brown.** 40-1946 ..... **5.95**  
**Black.** 40-1951 ..... **5.95**



### Decorator Speaker Grille Cloth

Beautifully woven for custom installations or repair. Fabrics are colorfast and resist sagging, shrinking and fading. The special weave is designed to be "acoustically transparent" at audio frequencies. For new or replacement use.



Low As **2<sup>29</sup>**

Fig.	Description	36x36" Size		18x24" Size	
		Cat. No.	EACH	Cat. No.	EACH
A	Black	40-1933	4.69	40-1939	2.29
B	Woven Wood	40-1934	4.69	40-1940	2.29
C	Basket Maple	40-1949	4.69	40-1947	2.29
D	Mahogany	40-1950	4.69	40-1948	2.29

# Extension Speakers for Music Inside and Out

**A** 29<sup>95</sup>

**B** 24<sup>95</sup>

**C** 19<sup>95</sup>

NEW FOR 77

NEW FOR 77

**Omnidirectional Ceiling Speaker 14<sup>95</sup>**

- Great for Paging & Background Music in Home or Office
- Screwdriver Installation - Mounts Flush with Ceiling

Eliminates the problem of "where to put it." Light beige, low-profile housing goes with any decor. 6½" full range speaker delivers up to 8 watts music power. Screw terminal connections. Mounting hardware included. 2¾x8¾" dia. 8 ohms. 40-1246 ..... 14.95

**D** 9<sup>95</sup>

**E** 7<sup>99</sup>

**F** 19<sup>95</sup>

**G** 12<sup>95</sup>

NEW FOR 77

NEW FOR 77

**H** 10<sup>95</sup>

**I** 19<sup>95</sup>

**J** 19<sup>95</sup>

NEW FOR 77

**Speakers for Every Need — Low-Cost Hi-Fi, Add-Ons, Extensions, Outdoors**

**Realistic's Famous Solo® and Minimus® Speakers**

**A** Realistic Minimus-5. The little speaker that "thinks" it's big — and manages to sound like it! Air-sealed 6½" woofer for strong bass, and a 1½" tweeter behind a multi-cellular horn for wide dispersion. 100-20,000 Hz response and 15 watts music power. Phono jack and screw terminal connections. Oiled walnut veneer enclosure. 12¼x9x6½". 8 ohms. 40-255 ..... 29.95

**B** Outdoor Speaker. Patio, porch or back yard, you'll enjoy wide-range sound from a big 8" speaker. The tough molded case features a built-in handle for portability and keyhole slots for wall mounting. 9¾x8¾x5¼". With wall mounting hardware. 8 ohms. 40-1299 ..... 24.95

**C** Realistic Solo-6. Hi-fi sound that you can hang on a wall. The 5" acoustic suspension speaker provides rich 40-15,000 Hz response. Up-front volume control, phono jack and screw terminal inputs, handsome walnut grained vinyl veneer enclosure. 13¼x10½x4¾". 8 ohms. 40-221 ..... 19.95

**D** 4" Extension Speaker. Get the most out of your portable cassette player or transistor radio. The uniquely designed speaker handles up to 5 watts music power. Genuine teakwood veneer. Mini-phono input jack. Cable with mini- and submini jacks included. 4¾x7¾x6". 8 ohms. 40-1247 ..... 9.95

**E** Indoor/Outdoor. Versatile 4" portable speaker lets you listen anywhere — garage, den, porch, patio, and you can even use it in your car. Durable high-impact case has keyhole slots for easy wall mounting. Screw terminal inputs. Only 4¾x5½x3". 8 ohms. 40-1227 ..... 7.99

**F** Spherical Speaker System. Have a ball! This handsome, hefty speaker handles 15 watts music power and has a range of 80-16,000 Hz. It's designed for easy mounting — horizontally, vertically, upside down. Especially good on rear seat deck of your car. Rotates in base to adjust speaker angle. 5½x4¼x1½" dia. 8 ohms. 40-1225 ..... 19.95

**G** Realistic Minimus-0.5. A great add-on — the smallest speaker ever reviewed in a major audio magazine! Tiny 6¾x4¾x4¼" enclosure pours out room-sized sound. Efficient enough to be powered by any portable radio or recorder, it makes 'em sound like a million with its 15,000 Hz sound. High-compliance, acoustic suspension. Genuine walnut veneer. 8 ohms. 40-1995 ..... 12.95

**H** Realistic Solo-5. Our lowest priced bookshelf system is ideal for extensions, replacements or "mini" systems. Full-range 5" speaker is housed in a good-looking walnut grained vinyl veneer enclosure. Extremely compact — only 10x8½x5½". 8 ohms impedance. 40-913 ..... 10.95

**I** Realistic Solo-4C. It's only 6¼x15¾x7½" — takes up no more space than a couple of books — yet the 5" speaker delivers a wide range response of 100-12,500 Hz. Walnut grained vinyl veneer, woven cane grille cloth. 8 ohms. 40-217 ..... 19.95

**J** Realistic Solo-8. Really demonstrates the principle of "a lot in a little". The 4" full-range woofer handles up to 10 watts music power. Separate a pair of them on a bookshelf for room-filling stereo. Screw terminal and phono-type inputs. Oiled walnut veneer enclosure. 9½x5½x5½". 8 ohms. 40-216 ..... 19.95



# Realistic® Adds Whole New Dimensions to Stereo

## Quatravox® Creates 4-Channel Effects From Any Stereo Source

Brings the Stage, Studio, or Music Hall Right Into Your Listening Room!

- 5 Controls for "Engineered" Sound
- Includes All Cables - No Rewiring

**21<sup>95</sup>**

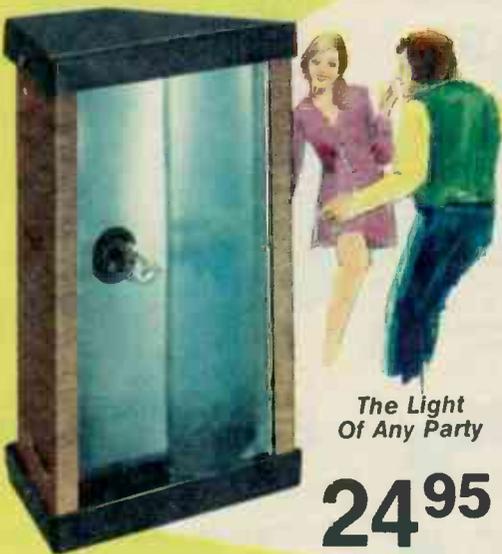


Realistic QV-3. Add the QV-3 and a pair of rear channel speakers to your present stereo system for the thrilling "feel" of a live performance. By altering the phase relationships between the four speakers, Quatravox recovers much of the ambient sound lost in ordinary stereo — so you "hear" the acoustics of the theatre or recording studio. The spacious 4-channel effect makes stereo LP's, tapes and FM sound better than ever! Two synthesizer circuits and a blend control provide real versatility. For use with any 8 or 16-ohm speakers. 2<sup>3</sup>/<sub>4</sub>x7<sup>1</sup>/<sub>4</sub>x5<sup>5</sup>/<sub>8</sub>". With walnut grained vinyl veneer case, all connecting cables. 40-2011 ..... 21.95

### Buy Quatravox with Speakers and SAVE

 <ul style="list-style-type: none"> <li>• QV-3 Synthesizer</li> <li>• 2 Minimus-0.5 Speakers</li> </ul> <p><b>Save 7<sup>90</sup></b> Reg. Separate Items Price <del>47<sup>85</sup></del></p> <p><b>39<sup>95</sup></b> Complete System</p>	 <ul style="list-style-type: none"> <li>• QV-3 Synthesizer</li> <li>• 2 MC-500 Speakers</li> </ul> <p><b>Save 11<sup>90</sup></b> Reg. Separate Items Price <del>101<sup>85</sup></del></p> <p><b>89<sup>95</sup></b> Complete System</p>
---	--

## Wide-Angle Xenon Strobe Light



The Light Of Any Party

**24<sup>95</sup>**

- Involves Entire Room In "Stop-Action" Effects
- Adjustable to "Freeze" Almost Any Motion

Instantly creates an exotic atmosphere—gives guests that "party" feeling. High-intensity xenon light flashes with an adjustable speed of 3-10 times per second—that's up to 600 flashes per minute. Chrome reflector with protective bulb shield. Simulated walnut grain finish. For 120 VAC. U.L. listed. 42-3008 ..... 24.95  
Strobe Replacement Bulb. 272-1145 ..... 2.99

## Quartette 4-Channel Synthesizer

### Quartette System

**Save 3<sup>35</sup>**

Reg. Separate Items Price

~~27<sup>85</sup>~~

**24<sup>50</sup>**

- Quartette Synthesizer
- Two Solo-5 Speakers



Only **5<sup>95</sup>**



Get into "surround sound" hi-fi at lowest cost. Converts compact stereos to spacious, synthesized 4-channel sound. Blend and phase switches. For 8-ohm speakers. 40-981 ..... 5.95

## Treat Your Eyes to a "Color Concert"



Give Your Party The "Disco-Look"

**10<sup>95</sup>**

**29<sup>95</sup>**



**Razzle Dazzle.** Random star-like bursts of red, green, blue & yellow—an infinite variety of patterns. Prismatic lens. Fits against wall for 180° viewing. 18x5<sup>7</sup>/<sub>8</sub>x6". For 120 VAC. U.L. listed. 42-3002 ..... 10.95

**3-Channel Color Organ.** Connect to any speaker and see music translated into flashing colors behind a "starburst" lens. Walnut grained vinyl veneer. 18x11<sup>1</sup>/<sub>2</sub>x5". For 120 VAC. U.L. listed. 42-3001 ..... 29.95

Charge and Time-Pay Plans Available at Most Radio Shack Stores

# Hear the Difference with Realistic® Headphones

## PRO-1 — Our Best Stereo Headphones



- Super-Wide 10-24,000 Hz Response • Low Distortion
- Air-Filled Earcushions Seal Sound In, Seal Room Noise Out
- Lightweight for Hours of Stereo Listening in Comfort

**49<sup>95</sup>**

Was **54<sup>95</sup>** in  
1976 Catalog

The ones with everything. Mylar diaphragm (not paper cone) speakers for sensational realism — you hear the highest highs and the lowest lows with extreme clarity. Dual controls on each earcup for remote volume control and perfectly balanced sound. Adjustable headband is padded for extra comfort and the entire headset weighs only 19 ounces. For the music lover who demands the best in stereo reproduction at an affordable price, PRO-1 is the answer. With 10' coiled cord, standard ¼" plug. 4-16 ohms impedance. 33-1003 ..... **49.95**

## NOVA-PRO Phones Dual Volume Controls

- 20-20,000 Hz Response
- Vinyl Cone Speakers
- Extra Comfortable

**34<sup>95</sup>**

Independent volume controls on each earcup let you balance the sound from your chair. Vinyl cone speakers sound better, and are virtually indestructible. Padded, adjustable headband and foam-filled earpieces for fatigue-free listening. With 10' coiled cord, standard ¼" plug. 8 ohms. 33-1014 ..... **34.95**



## LV-10 "Hi-Velocity" Headphones

- 20-20,000 Hz Response
- Weigh Less Than 10 Ounces
- 2" Dynamic Elements

**39<sup>95</sup>**

Special electro-acoustical design for full fidelity with clean bass. "Vented" earpieces do not raise resonance or inhibit transient response, so there is less than 0.5% distortion. Vinyl-covered headband fits close to head and has self-adjusting yokes. With 10' coiled cord, standard ¼" plug. 4-16 ohms. 33-1004 .... **39.95**



## The Unique Custom-PRO

- Full 20-20,000 Hz Response
- Exclusive "Bassport"

**24<sup>95</sup>**

Our special bassport feature deepens bass without adding boominess, extends treble without adding harshness. Adjustable vinyl headband and padded earcushions fit snugly yet comfortably. With 10' coiled cord, standard ¼" plug. 4-16 ohms. 33-1002 ..... **24.95**



## Budget-Priced NOVA-30

- 3½" Speakers • 30-18,000 Hz
- Separate Volume Controls

**19<sup>95</sup>**

NEW  
FOR 77

Deluxe features you wouldn't expect at this low price! Built-in volume controls on each earcup let you adjust volume without leaving your chair. Big 3½" speakers deliver deep bass. Soft-cushion earcups, padded and adjustable headband. With 10' coiled cord, standard ¼" plug. 4-16 ohms. 33-1037 ... **19.95**

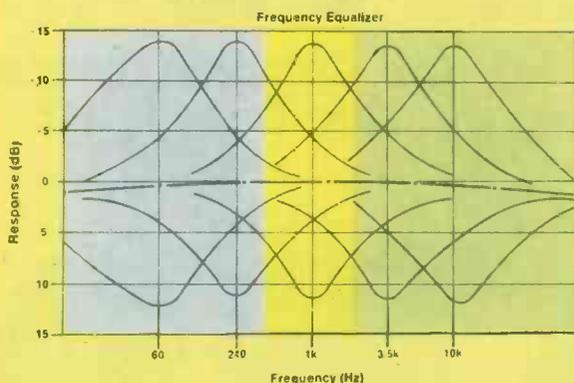


# Customize Your Sound to Your Room and Taste

## Stereo Frequency Equalizer for "Studio Perfect" Sound

- Improves Disc, Tape, AM, FM Tonal Quality
- Eliminates Rumble, Hiss and Surface Noise
- Permits Good Recordings in Non-Studio Environments
- Operates in Five Frequency Ranges

The Family of Curves — Equalizer boosts or cuts up to 12 dB in 5 frequency ranges.



# 59<sup>95</sup>

NEW FOR 77

Five sliding controls "smooth out" your system's response or compensate for room acoustics — no more weak bass, bland midrange or muffled treble. Also improves speaker performance, cuts feedback and adjusts balance in live recordings. Controls boost or cut  $\pm 12$  dB at 60, 240, 1000, 3500 and 10,000 Hz, and are marked in 2 dB steps. Unity-gain amplifier holds harmonic and intermodulation distortion to less than 0.05%. Plugs into any amp or receiver with tape monitor, without defeating its monitoring facilities. Pushbutton tape monitor. Illuminated power button. Monitor in/out jacks. Walnut grain vinyl veneer. 4 $\frac{3}{8}$ x10 $\frac{1}{4}$ x6". For 120 VAC. U.L. listed. 31-1986 ..... 59.95

NEW FOR 77

## Low-Cost 0 to 100-Watt Audio Power Meter



*Be Sure ALL the Power is Going to Your Speakers*

# 19<sup>95</sup>

- Indicates if Amplifier is Delivering Rated Power
- Helps Prevent Overdriving Your Speaker Systems
- Monitors at 4 or 8 Ohms

Realistic® APM-100. Continuously monitors output power of stereo amplifier and receiver, accurately showing how much power is reaching your speakers. Dual meters read 0 to 100 watts RMS at 4 or 8 ohms. Special circuitry allows meter to respond to short peaks, making it useful as an overload indicator. Easy hookup parallels speaker leads. Walnut vinyl veneer enclosure. 2 $\frac{7}{8}$ x6 $\frac{3}{4}$ x2 $\frac{3}{4}$ ". 42-2100 ..... 19.95

## NOVA-10 Budget Phones

- 50-15,000 Hz
- Vinyl Headband

# 10<sup>95</sup>

Quality you don't expect at this price. Cushioned earpads with 2" speakers for excellent bass. Adjustable headband. With cord, 1/4" plug. 4-16 ohms. A sound bargain! 33-1012 ..... 10.95



## Low-Cost NOVA-14

- Glide-Path® Volume/Balance Controls
- 50-15,000 Hz

# 14<sup>95</sup>

Deluxe features, low price! Lightweight cushioned aluminum earcups with 2" speakers. Sliding controls calibrated 0-10. Adjustable padded headband. With 7' cord, 1/4" plug. 4-16 ohms. 33-1013 ..... 14.95



## Microweight NOVA-15

- Weigh Only 7 Ounces
- 20-20,000 Hz

# 21<sup>95</sup>

Ported-back design — no air-tight ear seal required — the porous cushions rest so lightly on your ears you hardly feel them. Adjustable vinyl headband. With 10' cord, 1/4" plug. 8 ohms. 33-1015 ..... 21.95

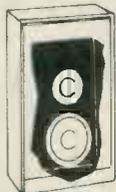


Over 4200 Radio Shack Stores and Dealers Nationwide — We're Near You

# Own a Complete Stereo Center! AM/FM, Phono, Built-In 8-Track Recorder/Player

new FOR 77

## 22" HIGH SPEAKER CABINETS



### AIR-SUSPENSION SPEAKER SYSTEMS

- ✓ 8" Woofer
- ✓ 3" Tweeter
- ✓ Walnut Grained Vinyl Veneer

# 219<sup>95</sup>

## The Compact System That Does It All!



tapes not included

Includes Tinted Dust Cover - Adjusts to Any Height on Rolling Caster-Type Hinges



Built-In Tape Storage



Dual VU Meters

Just Add 2 Extra Speakers for Thrilling 4-Channel Effects



- Record Your Own Tapes for Home or Car • Auto-Stop at End of Tape
- Slide Controls for Bass, Treble, Balance, Volume • AFC on FM
- Indicator Lights for Tape Program, Record and Auto-Stop
- Automatic/Manual Tape Program Change • Dual Record Level Controls
- 2/4 Channel Speaker Selector for Simulated 4-Channel • Headphone Jack

**Realistic Clarinette®-97.** Full-range sound that's easy on the budget. The amplifier easily drives 4 speakers simultaneously. And you can tune AM, FM or FM stereo. Record your own cartridges off-the-air, from the changer or record "live" using the front panel mike jacks. Play pre-recorded cartridges, too. There are left and right channel record level controls and illuminated VU meters for precisely set recordings. Built-in 8-track deck has pushbutton for all tape functions. 3-speed changer plays any size record and features a diamond/sapphire stylus, cue/pause lever and Auto-Shutoff of the entire system after last record has played. Quatravox® circuitry synthesizes 4-channel sound from almost any stereo source—just add an extra pair of speakers. Also features FM stereo indicator, AFC to cut drift on FM, pushbutton Power On-Off, 5-position selector switch, built-in antennas and inputs for external 75 or 300-ohm FM antenna. Includes two 9' speaker cables for up to 18' of stereo separation. 9 1/4 x 20 1/4 x 17". Speakers, 22x12x6 3/4". U.L. listed. 13-1197 ..... 219.95  
45-RPM Spindle. 42-3000 ..... 1.49

Inexpensive Microphones for 8-Track Recorders Are on Pages 34, 35

# AM/FM Stereo/Phono With 8-Track Player

Includes  
Dust Cover **169<sup>95</sup>**

- Matching 6" Speakers in Pressed-Wood Enclosures
- Enjoy Any Size Record on the 3-Speed Changer
- Listen to AM/FM Stereo • Play 8-Track Tapes

**Realistic Clarinette®-48.** A handsome, complete compact stereo system. Its full-size changer plays even 12" discs with the dust cover on and features a diamond-stylus cartridge, cueing/pause lever and auto-shutoff. The cartridge player has automatic or pushbutton operation and program indicator lights. The receiver has a stereo indicator light, AFC for no-drift FM, built-in antennas. Headphone jack, tone and balance controls, too. Molded 7 $\frac{3}{4}$ "x16 $\frac{3}{8}$ "x18 $\frac{1}{8}$ " control center has an attractive simulated walnut grain finish. Each 15 $\frac{1}{2}$ "x10 $\frac{1}{8}$ "x4 $\frac{3}{4}$ " speaker includes a 10' cord and has a walnut grain vinyl veneer finish. U.L. listed. 13-1131 ..... 169.95  
45-RPM Spindle. 42-3000 ..... 1.49



## Superb Sounding Compacts

### AM/FM Stereo Phono System

**129<sup>95</sup>** Includes  
Dust Cover

- 8-Track or Cassette Deck Input • AFC on FM
- Full-Size Changer with Cueing/Pause Lever, Tinted Dust Cover and Dual-Stylus Cartridge
- Tone-Improving Real Wood Speaker Cabinetry

**Clarinette-40.** Stereo that's hard to beat for style, performance and features. The strikingly modern design adds a bright note to any setting. And the 3-speed changer has a high-quality ceramic cartridge with diamond/sapphire stylus and Auto-Shutoff. Powerful ceramic-magnet 6" speakers separate up to 20 ft. for full stereo realism. Separate tone and balance controls, FM stereo indicator, expanded dial with dual pointers, stereo headphone jack, built-in FM-AM antennas, terminals for external FM antenna. The 7 $\frac{3}{4}$ "x16 $\frac{3}{8}$ "x18 $\frac{1}{2}$ " control center has a molded enclosure and the 15 $\frac{1}{2}$ "x10 $\frac{1}{8}$ "x4 $\frac{3}{4}$ " speakers have pressed-wood enclosures with an attractive walnut grained vinyl veneer finish. U.L. listed. 13-1130 ..... 129.95  
45-RPM Spindle. 42-3000 ..... 1.49

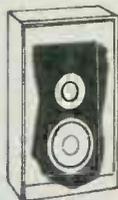


Use Your Compact All Around the House—See Stereo Carts on Page 39

# AM/FM Stereo with Cassette Recorder/Player

The "Everything" Compact for Stereo on a Budget

22" HIGH SPEAKER CABINETS



AIR SUSPENSION  
SPEAKER SYSTEMS

- ✓ 8" Woofer
- ✓ 3" Tweeter
- ✓ Walnut Grained Vinyl Veneer

Just Add Two Extra  
Speakers for Thrilling  
4-Channel Effects!

NEW  
FOR 77

249<sup>95</sup>



Dust Cover  
on Rolling Hinges  
Adjusts to Any Height!



ILLUMINATED  
DUAL VU METERS  
Assure  
Precisely Set  
Record Levels



BUILT-IN  
CASSETTE  
Convenient  
Pushbutton Keys  
for All Functions

- Record Your Own Cassettes - Build a Music Library at Low Cost
- Play Pre-Recorded Cassettes and Your Favorite LP's or 45's
- Sliding Controls for Volume, Balance, Bass and Treble
- 3-Speed Phono Plays Any Size Record and Features a Quality Diamond / Sapphire Stylus, Cue / Pause Lever and Auto-Shutoff
- 2/4 Channel Speaker Selector for Synthesized 4-Channel

Realistic Clarinette®-98. Fine features, real versatility. Built-in cassette deck has pushbuttons for every function including fast-forward, rewind, play and pause. A digital counter, dual left and right channel record level controls, and dual VU meters assure excellent recordings. And Sing-Along lets you use optional mikes to add your own voice to tapes as you record them. Auto-Stop at end of tape. Tuner has FM stereo indicator, AFC on FM, built-in antennas. Headphone jack. Plus Quatravox® for 4-channel effects from most stereo—just add a 2nd speaker pair. With 18' of speaker cable. Walnut-grained vinyl veneer finish. 9¼x21½x6½". Speakers, 22x12x6½". U.L. listed. 13-1198 ..... 249.95  
45-RPM spindle. 42-3000 ..... 1.49



Show Off Your Stereod with a Demonstration Record or Tape—See Page 38

# Top-Performing Compacts at Realistic® Prices

## Compact Stereo Phono System

Superb "Starter" Stereo! Add an 8-Track, Cassette or Tuner Anytime

Including Dust Cover

**99<sup>95</sup>**

- 8-Track or Cassette Deck Input
- Full-Size Changer with Cue/Pause Lever

Special "Tilt-Back" Brackets Hold Dust Cover Open



**Realistic Clarinette®-4.** One of the best looking, best sounding compacts available. Full-size 3-speed changer has a high-quality ceramic cartridge with dual sapphire stylus, plus auto-shutoff and automatic tone arm lock. Hinged dust cover can remain in place even while 12" records play. The amplifier has tone and balance controls. Pressed-wood cabinetry with walnut grained vinyl veneer. All this for under \$100! Phono, 7x15x15<sup>3</sup>/<sub>4</sub>". Speakers, 13<sup>1</sup>/<sub>2</sub>x8x4<sup>3</sup>/<sub>4</sub>". U.L. listed.

13-1132 ..... **99.95**  
45-RPM Spindle. 42-3000 ..... **1.49**



### Manual Mono Phono

**23<sup>95</sup>**

Top mounted speaker, built-in 45-RPM spindle, lightweight tone arm with sapphire stylus, constant-speed motor. Plays LP's and 45's. 13x5x10". U.L. listed.

13-1137 ..... **23.95**



Sliding Volume Control



With Hinged Dust Cover

new FOR 77

### Stereo Phono Compact with BIG Features

**69<sup>95</sup>**

- Add-On an 8-Track or Cassette Deck Anytime
- Matching Speakers Separate Up to 18 Feet

**Clarinette-20.** Combines big sound and modern styling for less money than ever! 3-speed "mini" changer plays any size record with auto-shutoff and includes a ceramic cartridge with diamond/sapphire stylus, plus a hinged dust cover. Amplifier has separate volume, balance and tone controls, headphone jack. Molded cabinetry. 7<sup>3</sup>/<sub>4</sub>x16x11<sup>1</sup>/<sub>4</sub>". Speakers, 13x7<sup>3</sup>/<sub>8</sub>x5". U.L. listed.

13-1166 ..... **69.95**  
45-RPM Spindle. 42-2999 ..... **1.49**

### Dual-Powered PORTiPLAY®

**34<sup>95</sup>**



- Tune AM or Play Records
- Uses Batteries or AC

Listen to 45's or the radio even with the snap-on cover in place. Weighs only 4<sup>1</sup>/<sub>2</sub> lbs. Built-in 45-RPM spindle and AC cord. Vinyl-clad high-impact case. 14<sup>3</sup>/<sub>4</sub>x7<sup>1</sup>/<sub>4</sub>x2<sup>3</sup>/<sub>4</sub>". U.L. listed. Requires 4 "D" cells.

13-1164 ..... **34.95**



# Realistic® Record Changers—A Change for the Better



Soft-touch pushbuttons for easy manual or auto operation



Cueing lifts or lowers stylus gently—anywhere on the record



Strobe disc lets you check speed for perfect pitch-adjust



Anti-skating cancels inward pull on tone arm, helps prevent distortion



Variable pitch control adjusts speed  $\pm 5\%$  for exact  $33\frac{1}{3}$  and 45 RPM



Factory installed \$34.95-value Realistic-by-Shure elliptical-stylus cartridge



## Our Finest Automatic

- Massive 12" Platter
- Handsome Walnut Veneer Base Included



**199<sup>95</sup>**

**12<sup>95</sup>** Protects turntable, and discs will play when cover is on. 42-2593 ... 12.95

**Realistic/Miracord-46.** Plays records flawlessly. Superb tone arm — low-mass head, dynamic balancing in all planes,  $\frac{3}{4}$  to 6 $\frac{1}{2}$ -gram tracking force adjustment, low-friction pivots. A heavy-duty motor and precision die-cast cam assures years of silent, trouble-free operation. Locking umbrella spindle lowers records gently. Plays all record sizes at  $33\frac{1}{3}$ , 45 and 78 RPM. Wow & Flutter: less than 0.1%. Rumble: -50 dB. Size: 4 $\frac{1}{4}$ x16 $\frac{3}{4}$ x14". U.L. listed. 42-2939 ..... 199.95

## The "Talented" Changer

- Automatically Selects Correct Record Size
- With Simulated Walnut Finish Base



Protects turntable, and discs will play when cover is on. 42-2945 ... 12.95

**12<sup>95</sup>**

**149<sup>95</sup>**

**Realistic/Miracord-42.** Select the speed and 7" or 12" record size is automatically programmed — just push the start button. Lightweight arm has calibrated adjustments for tracking from 1 to 4 grams so your records sound better, last longer. Slide-in cartridge holder for easy stylus inspection or replacement. Heavy die-cast platter for steady  $33\frac{1}{3}$  and 45 RPM operation. Wow & Flutter: less than 0.5%. Rumble: -60 dB. Size: 8 $\frac{1}{4}$ x17 $\frac{1}{4}$ x14 $\frac{1}{8}$ ". U.L. listed. 42-2944 ..... 149.95



Easy  $\pm 5\%$  speed adjustment knob for exact  $33\frac{1}{3}$  and 45 RPM



Viscous damped cueing, up and down. Protects records



Adjustable anti-skate for conical, elliptical or CD-4 styli



Easy-to-use pushbuttons for start and stop operations



Strobe disc lets you check for perfect speed adjustment



Factory-installed \$24.95-value Realistic-by-Shure elliptical cartridge

## The Ideal Compact-System Changer

- Factory-Mounted Custom Base
- Plays  $33\frac{1}{3}$ , 45 and 78 RPM

**39<sup>95</sup>**

Smoke-Tint Dust Cover Included!



**Realistic Modulaire®.** Lightweight, counter-balanced tone arm with finger-grip lift, adjustable tracking force and a ceramic cartridge with dual sapphire styli. Plays all records, intermixes 10 and 12" sizes of same speed. Only 7x13x9". Attractive ebony color base with simulated walnut grain inset. U.L. listed. 42-2933 ..... 39.95  
Automatic 45 RPM Spindle. 42-2999 ..... 1.49

## 3-Speeds, Cueing, and Ready to Play

**44<sup>95</sup>**

Custom Base and Diamond-Stylus Cartridge Included



Smoke-Tint Cover

**5<sup>95</sup>**

Protects the "48A" from dust and dirt. 42-2568 ..... 5.95

**Realistic "48A".** Lightweight tubular tone arm, adjustable tracking, ceramic cartridge. Plays all records at  $33\frac{1}{3}$ , 45 and 78 RPM. Ebony color base with simulated walnut grain inset. 6 $\frac{3}{4}$ x14 $\frac{7}{8}$ x13 $\frac{1}{2}$ ". U.L. listed. 42-2940 ..... 44.95  
Automatic 45 RPM Spindle. 42-3000 ..... 1.49

# Our Famous LAB Changers — Count the Features

## High-Performance Changer With Precision Belt-Drive

The Same Drive System Used in Costly Manuals

# 99<sup>95</sup>

**Realistic® LAB-50.** Its multi-pole synchronous motor lets you forget about speed fluctuations, and belt-drive filters out noise and vibration. The light-tracking magnetic stereo cartridge is factory installed in a convenient slide-in holder. A heavy platter minimizes rumble, flutter and wow. Umbrella spindle lowers records gently. Tone arm features micrometer stylus force adjustment and adjustable counterweight for accurate tracking. Cue/pause control with downward viscous damping to protect stylus and record. Plays all size records at 33 $\frac{1}{3}$  and 45 RPM. Handsome walnut grained vinyl veneer base. 7x16 $\frac{7}{8}$ x14 $\frac{1}{4}$ ". U.L. listed. 42-2947 ..... 99.95



Precision machined aluminum platter with inner turntable casting — ideal for record support



Factory installed \$19.95-value Realistic-by-Shure elliptical cartridge



Dual-range anti-skate cancels inward drag on tone arm. Calibrated for both conical and elliptical styl



Adjustable counterweighted tone arm for precision tracking. Ball and needle bearings reduce friction

### Dust Cover

# 6<sup>95</sup>

Smoke-tinted, protects your LAB-50 from dust, dirt. 42-2948 ..... 6.95



## Umbrella-Spindle Changer at An Unheard-of Low Price



\$17.95-Value Cartridge Included

# 79<sup>95</sup>



**Realistic LAB-54.** Now, for the price of a dozen or so LP's, you get the changer mechanism that coddles your records. Auto/Manual operation, and the tone arm won't jam if it's restrained mid-cycle. Damped cue/pause. Plays all size records at 33 $\frac{1}{3}$ , 45 and 78 RPM. Factory-mounted cartridge has diamond elliptical stylus. Adjustable tracking force and dual-range anti-skating calibration. Ebony color base, simulated walnut grain trim. 7x15 $\frac{1}{2}$ x13 $\frac{3}{4}$ ". U.L. listed. 42-2950 ..... 79.95



### Dust Cover

Protects turntable, and discs play while cover is on. 42-2568

# 5<sup>95</sup>

## Low-Priced LAB Changer with Cue/Pause and 3 Speeds

The Budget Changer Loaded with Features

# 59<sup>95</sup>



**Realistic LAB-14.** Comes with a factory mounted, light-tracking diamond-stylus cartridge — it's ready to use. Automatic and manual operation with a jam-proof tubular tone arm and a lever for damped cue/pause. Adjustable tracking force and anti-skating. An AC "pop" filter prevents speaker noise or possible damage during auto-shutoff. Plays all record sizes — just set the selector for 7, 10 or 12" — at 33 $\frac{1}{3}$ , 45 or 78 RPM. Factory mounted ebony color base has simulated walnut grain trim. 6 $\frac{5}{8}$ x15 $\frac{1}{4}$ x13 $\frac{1}{16}$ ". U.L. listed. 42-2943 ..... 59.95  
Automatic 45 RPM Spindle. 42-3000 ..... 1.49



### Dust Cover

Protects and adds a look of luxury, too. 42-2568

# 5<sup>95</sup>

LAB Changers on This Page Include Automatic and Manual Play Spindles and All Cables.

# Realistic® Precision Belt-Drive Manual Turntables



Available Nov. 15, 1976

You get the superior sound reproduction qualities of a single-play manual turntable plus semi-automatic operation. You touch the arm only to start the record. At the end of the disc, the arm automatically returns to rest, its lock gently snaps into place, and the motor shuts off. And belt-drive reduces noise, vibration and rumble to the vanishing point!

## The Beautiful LAB-300, A Superb Turntable System

Featuring Fully Automatic  
Arm Return and Shutoff!

**159<sup>95</sup>** With Dust Cover

new  
FOR 77



Steel-Hinged Dust  
Cover Remains at  
Any Angle for Easy  
Record Change



With \$44.95-Value  
Factory Installed  
Realistic/Shure  
Magnetic Cartridge



Viscous-Damped  
Cueing/Pause Lever  
Raises and Lowers  
Stylus Into Groove



Adjustable Anti-  
Skate Minimizes  
Stylus and  
Record Wear

**Realistic LAB-300.** Take a look at our finest manual player! The 11 $\frac{3}{4}$ " 2.6-lb. cast platter helps reduce wow and flutter, and the balanced S-shape tone arm has a point-to-stylus length of 8 $\frac{1}{2}$ " for very accurate tracking. Pressure of the elliptical stylus is directly readable and adjustable from 0 to 4 grams. Special "vibration isolation" guards against jarring and groove jumping. And the 4-pole synchronous motor stays right on speed even during voltage fluctuations. Speeds: 33 $\frac{1}{3}$  and 45 RPM. Flutter and Wow: Less than 0.10%. Rumble (DIN B): -60 dB. Size: 7 $\frac{1}{2}$ x17 $\frac{3}{8}$ x14". Walnut grained vinyl veneer base. U.L. listed. 42-2931 ..... 159.95

## Audiophile Performance at an Affordable Price

- Belt-Drive and All the Big Features
- Automatic Arm Return and Shutoff
- Includes \$39.95-Value Realistic/ADC Elliptical-Stylus Magnetic Cartridge
- Micrometer Stylus Pressure Adjustment

**99<sup>95</sup>**

With Dust Cover

**Realistic LAB-100.** A proven performer with plenty of features. Dual-range calibrated elliptical/conical anti-skate control, decoupled counterweight, gimbal suspension, Play-Stop-Cycle control. Speeds: 33 $\frac{1}{3}$  and 45 RPM. Flutter and Wow: 0.09% (WRMS) typical. Rumble: -58 dB (DIN B). Size: 7 $\frac{1}{2}$ x16 $\frac{3}{4}$ x14 $\frac{1}{2}$ ". Base has accessory storage compartment and simulated walnut grain finish. U.L. listed. 42-2949 ..... 99.95



Multi-Pole  
Synchronous Motor



S-Shape Adjustable  
Counterweight Arm



Calibrated 2-Range  
Anti-Skate Control



Viscous-Damped  
Cue/Pause Control



# Electret Condenser Mikes for Home, Stage, Studio

## Dual Pattern Stereo Microphone

Record and Perform in Full Stereo—  
With Just ONE Mike! Select Either  
WIDE or NORMAL Pickup Pattern!

# 29<sup>95</sup>

- Ideal for Mono Work, Too—  
Automatically Balances Sound
- 30-15,000 Hz Frequency Response

Two internal electret capsules eliminate the need for two separate mikes, stands and cords. And you don't need multiple mixers and mikes to fill the "hole in the middle"—a built-in matrix circuit does it automatically!



Smaller Groups Select **NORMAL**  
For Real "On Mike" Sound

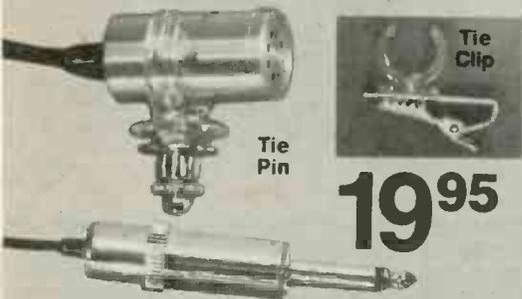
**WIDE** Setting Picks Up Entire  
Orchestra in Superior Stereo

NEW  
FOR 77

Includes  
Stand Adapter

Sensitivity: -72 dB, ±3 dB. Separation: 10 dB at 45° in  
WIDE setting. 600 ohms. Non-reflecting aluminum.  
With vinyl case, 10' cord, 2 ¼" plugs, 1½ VDC "AA" cell  
for over 2000-hour battery life. 33-919 ..... 29.95

## Low-Profile Broadcast Quality Tie-Pin Microphone



Tie  
Pin

# 19<sup>95</sup>

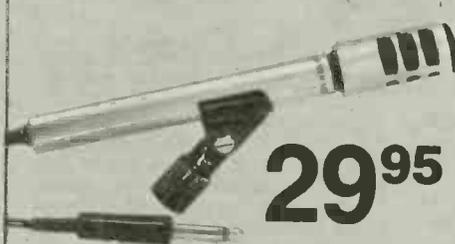
- Only 7/16" x 7/8"
- 20-12,000 Hz

Removable Pin  
& Lapel Clip

The little GIANT! Tiny, but big in performance, it leaves your hands free while you talk or perform. All-directional pickup pattern assures good voice reproduction as you turn your head or move about. 600 ohms impedance. With mercury battery, ¼" phone plug, 10' cord.

33-1056 ..... 19.95

## "All-Pro" Cardioid Mike With 30-15,000 Hz Response



# 29<sup>95</sup>

- For Quality Home, Studio or PA Work
- Wide and Flat Frequency Response

Ideal for use with the finest mixers or recorders. Windscreen permits close talking without a "booming" effect and it also reduces annoying "pops" and "squeals". 600 ohms impedance. With 10' cord, ¼" phone plug, adjustable desk stand adapter, mike stand adapter, "AA" battery. 33-1045 ..... 29.95

## Omnidirectional "On-Stage" Mike



# 24<sup>95</sup>

- 30-15,000 Hz
- Carrying Case Included

THE mike for vocalists, musicians or stand-up comedians who need professional quality at low cost. Omni pattern virtually eliminates proximity effect. Light weight housing, non-reflecting finish. 600 ohms impedance. Windscreen suppresses pops and booming effect. With stand adapter, 10' cord, ¼" plug, battery. 33-1044 ..... 24.95

## Sensitive Wireless FM Microphone

# 19<sup>95</sup>

- Broadcasts to FM Sets  
Up to 90 Ft. Away
- Eliminates Tangled Wires—  
Completely Portable
- Battery Powered

Realistic FM-91. Hundreds of uses—PA, paging, fun! A true "roving mike" that you can use anywhere to broadcast to FM radios, tuners, or receivers. Create your own newscasts or programs, use it for recording or monitoring. Tunable from 88 to 92 MHz. Stands on its own base without support. 6x1x1½". With 9-volt battery. 33-1048 ..... 19.95



## Featherweight, Ultra-Slim Omnidirectional

# 15<sup>95</sup>



With Adjustable Stand

- 20-13,000 Hz Response
- Weighs Only 2.8 Ounces
- Only 6x9/16" Diameter

Super-small and featherlight, yet still delivers superb electret performance. Follows your voice from the softest whisper to the shrillest shout—all with the same flat frequency response. 600 ohms impedance. With windscreen, 9' cable, ¼" phone plug, mercury battery, stand. 33-1050 ..... 15.95

## Universal All-Directional Mike for Cassette Recorders



# 9<sup>95</sup>

- 20-20,000 Hz
- Slimline Design
- Remote Control  
Switch

Improves the sensitivity and sound of your recorder at low cost. Fits all cassette portables having a mini phone jack for audio and submini jack for remote on/off control. Only 6¼x¾" dia. With windscreen, desk stand, mercury battery. 33-1055 ..... 9.95

# Realistic® Dynamic Mikes for "Dynamite" Sound

**A 49<sup>95</sup>**

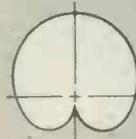


Complete with 15' cable, 1/4" phone plug adapter, Amphenol plug.

Pick the Pickup Pattern That Suits Your Needs



**Omnidirectional**



**Cardioid**

**OMNIDIRECTIONAL.** A circular pattern that lets you place a mike almost anywhere in an average size room and get good sound pickup. Ideal for recording family events, meetings, conferences.

**CARDIOID.** Picks up sound mostly from the front. Good pickup on the sides and relatively poor from the rear. Ideal for stage work, music recordings, PA where feedback is a problem.

**B 15<sup>95</sup>**



**C 24<sup>95</sup>**

**E 12<sup>95</sup>**



**D 29<sup>95</sup>**

**A Highball.** A cardioid popular with performers everywhere. 80-13,000 Hz response and internal impedance change from 50-250 to 50,000 ohms. On/off switch with ball screen "pop" filter. With Cannon-type connector, 15' cable and plug, and slip-on stand adapter. 33-983 ..... 49.95

**B Highball-2.** All-purpose omnidirectional mike with feedback filter and rugged wire mesh screen. 250 or 50,000 ohms impedance. On/off switch. 90-11,000 Hz response. Output levels: -82 dB low, -59 dB high. With cable, 1/4" phone plug, slip-on stand adapter. 33-985 ..... 15.95

**C Super Cardioid.** Highly directional — sharply reduces speaker feedback. Switchable 600 or 50,000 ohms impedance to match almost any amplifier. Wide 80-12,000 Hz response — great for live music and recording sessions. On/off switch, rugged wire mesh screen, handsome brushed aluminum housing. Output levels: -77 dB low, -60 dB high. Includes cable with screw-on connector, 1/4" phone plug, convenient slip-on stand adapter. 33-992 ..... 24.95

**D Gooseneck Desk-Stand Mike.** Cardioid pickup—ideal for onstage panel discussions, desk-top PA or paging, audio labs. Locking push-to-talk button. 600 ohms impedance. 200-10,000 Hz response. Output level: -78 dB. With 6' cable, 1/4" phone plug, mini adapter. 33-921 ..... 29.95

**E MC-1000 "Omni".** Our "super sleek" dynamic microphone is especially useful with tape recorders. Pencil-thin design for hand, stand or lavalier use. 150-10,000 Hz response. 10,000 ohms impedance. With 6' cable, 1/4" phone plug, neck cord, and desk stand. 33-990 ..... 12.95

## Low-Cost Replacement Mikes for Every Use



**Dynamic Omnidirectional**  
**9<sup>95</sup>**

Great with  
Cassette Recorders

Dual connections — mini and submini jacks. 100-15,000 Hz response. 1000 ohms impedance. Output level: -73 dB. With cable and desk stand. 33-1039 ..... 9.95



**Dynamic Cardioid**

Ideal for  
Cassette,  
PA Use

**11<sup>95</sup>**

Mini-plug for mike, submini for on/off cassette control. 100-11,000 Hz. 100 ohms. With cable, desk stand. 33-1040 ..... 11.95



**Low-Impedance Dynamic Mike**

**3<sup>99</sup>**

For Most  
Cassette Recorders

A dynamic at the price of a crystal mike! Mini plug for mike, subminiature for on/off switch connection. 200 ohms. Output level: -77 dB. Desk stand. 33-1054 ..... 3.99



**Low-Impedance Cassette Mike**  
**6<sup>95</sup>**

Fits Realistic "CTR Series" & Others

Great for voice and music recordings. Miniature plugs for audio, both long and short subminiature plugs for on/off of cassette recorders with remote control jack. 100-15,000 Hz response. 200 ohms impedance. With cord, slip-on desk stand. 33-1031 ..... 6.95



**Crystal Lapel Mike**  
**3<sup>99</sup>**

Great for Interviews, Dictation

Extra-sensitive. Frees your hands to take notes, turn pages. Easy clip attachment to lapel or tie. Unobtrusive and easily concealed. 70-6000 Hz response. High impedance. Only 7/8" long. With 10' cord so you can move away from recorder. Convenient molded mini plug for most cassette recorders. 33-100 ..... 3.99



**Pencil-Type Dynamic Mike**  
**5<sup>49</sup>**

• Universal Connectors  
• 200 Ohms Impedance

Easy-to-handle slim-line design in a really sturdy microphone. Ideal for voice or music — 150-10,000 Hz response. Use with most cassette recorders for satisfying results. Miniature plug for audio use and subminiature plug for on/off switch connections. Comes with desk stand. 33-1034 ..... 5.49

# Make All Your "Sound" Decisions at Radio Shack®

## Solo™-6 Extension Wall Speaker

**19<sup>95</sup>**

The 6½" acoustic suspension speaker delivers 40-15,000 Hz response. Up-front volume control, phono jack and screw terminal inputs, walnut grained vinyl veneer. 13¼x10½x4¾". 8 ohms. 40-221 ..... 19.95

NEW FOR 77

## Realistic PA Column

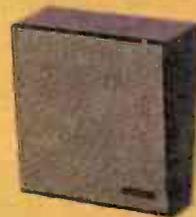
- 140-10,000 Hz Response
- Highly Directional for Controlled Coverage

**59<sup>95</sup>**

Directs sound where you want it—minimizes feedback problems. Great in conference rooms, restaurants, auditoriums, churches. Six 4" speakers. 8 ohms. Attractive walnut grained vinyl veneer. 41x7¾x3¾". Recessed screw terminals and phono jacks, keyhole slots for wall mounting. 40-1245 ..... 59.95

Available Nov. 30, 1976

## 8" Speaker & Baffle



Full-range. Walnut grained vinyl veneer. 8 ohms. 40-219 ..... 12.95

**12<sup>95</sup>**

## Stereo Mike Stand

**8<sup>49</sup>** • Put 2 Mikes on One Stand  
• Adjustable

Allows precise, stable dual mike arrangement with up to 9" between mikes. Lightweight aluminum alloy with ⅝"-27 thread mike and stand adapters. 33-331 ... 8.49

NEW FOR 77

## 6½" Ceiling Speaker



Full range, 8 watts music power. 8 ohms. Screw terminal connections. 2¾x8¾" dia. 40-1246 ..... 14.95

**14<sup>95</sup>**

NEW FOR 77

## All-Purpose Weatherized Powerhorn® Speakers

- Rust Resistant
- Shock Resistant

Low As

**17<sup>95</sup>**

5" PA-5. 8 watts (12 watts peak). 600-6000 Hz response. 8 ohms. 40-1236 ..... 17.95  
8" PA-8. 15 watts (25 watts peak). 340-9000 Hz response. 8 ohms. 40-1237 ..... 29.95  
12" PA-12. 25 watts (50 watts peak). 300-6000 Hz response. 8 ohms. 40-1238 ..... 34.95



## 4" Powerhorn



**10<sup>95</sup>**

Full sounding speaker for indoor/outdoor use. 8 ohms. With mounting bracket. 40-1244 ..... 10.95

## 4" In/Outdoor Speaker



Moisture-proof, with Alnico V magnet. 8 ohms. 4¾x5½x3". 40-1227 ..... 7.99

**7<sup>99</sup>**

## Support Your PA System with Realistic Accessories

### 70-Volt Line Transformer

10-watt primary. Taps at 10, 5, 2.5, 1.25, 0.62 watts. Secondary, 4 to 8 ohms. 4¾x5½x3". 32-1031 ..... 4.99

**4<sup>99</sup>**



### Stereo Mike Mixer

Blends up to 4 mono mikes, or a pair of mikes on each stereo channel. Separate volume controls, phone jack inputs. 2¼x6x3½". Requires 9V battery. 33-920 ..... 12.95

Battery Powered

**12<sup>95</sup>**



### Mike Stand Adapter

**1<sup>79</sup>**

Use with any floor stand assembly. Std. ⅝"-27 thread. 33-371 ..... 1.79

**9<sup>95</sup>**

### Baby-Boom

For convenience and "studio" results. Use with any floor stand. 31" long, chrome-plated. ⅝"-27 thread. 33-344 ..... 9.95

### Low-Profile Mike Stands

"Sure-Grip" clutch adjusts from 34"-62" and locks positively. Chromed tubes, 10" diameter bases with leveling shock absorber pads for placement anywhere. Anti-tipover bumpers. Cast Base. 33-320 ..... 13.95  
Chromed Base. 33-321 ..... 15.95

Cast

**13<sup>95</sup>**

Chrome

**15<sup>95</sup>**

### Padded Desk Stand

**5<sup>49</sup>**

Gun-metal finish. 4" chrome tube. Std. ⅝"-27 thread. 33-370 ..... 5.49

**3<sup>49</sup>**

### 13" Gooseneck

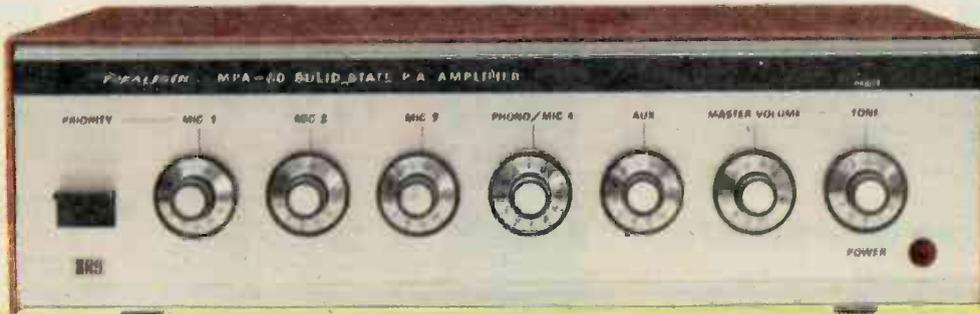
Puts the mike where your mouth is—turns in any direction. ⅝"-27 thread connections. 33-330 ..... 3.49

# Address the Public with Realistic® PA Equipment

**Realistic MPA-50.** Our finest PA amplifier is versatile enough to be the "heart" of your public address or background music system. There are five mixable inputs—four mikes plus aux for tuner or tape, and a rear panel switch converts one mike input for magnetic or ceramic phono. Master volume controls put you in complete tonal command. A convenient switch for Mike-1 overrides all inputs for pushbutton paging.

Protective circuit cuts off output if overload occurs and a red warning light flashes on. Pushbutton power on-off switch. Outputs: 4, 8, 16 ohm speakers; 25 and 70-volt line. Power: 50 watts RMS at 8 ohms. Response: 100-10,000 Hz at full power. Size: 4½x13¾x11". Metal case has simulated walnut grain finish. For 120 VAC. U.L. listed.  
32-2021 ..... 129.95

**50 Watts  
RMS  
Feature Packed  
and Only  
129.95**



### 4-Speaker PA System

**SAVE 46.65**

- MPA-50 50-Watt RMS PA Amplifier
- 4 Vinyl Veneer 6-Speaker Columns
- Mike Stand with Chromed Base
- Highball Dynamic Cardioid Mike

Reg. Separate Items Price ~~435.65~~  
Complete System **389.00**

### 2-Speaker PA System

**SAVE 32.75**

- MPA-50 50-Watt RMS PA Amplifier
- 2 Vinyl Veneer 6-Speaker Columns
- Adjustable Mike Stand with Chromed Base
- Highball-2 Dynamic Omnidirectional Mike

Reg. Separate Items Price ~~281.75~~ Complete System **249.00**

### For Outdoors

- MPA-50 50-Watt RMS PA Amplifier
- 4 Weatherized PA-12 Outdoor Powerhorns
- Mike Stand with Chromed Base
- Super Cardioid Mike

**SAVE 35.65**

Reg. Separate Items Price ~~310.65~~  
Complete System **275.00**



### Low-Cost PA System

- MPA-50 50-Watt RMS Amp
- 4 Solo-6 Vinyl Veneer Wall Speakers
- Mike Stand with Chromed Base
- Highball-2 Dynamic Omnidirectional Mike

**SAVE 42.65**

Reg. Separate Items Price ~~241.95~~ Complete System **199.00**

# 12 VDC/120 VAC PA for Mobile or Indoor Use

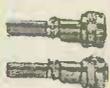
**20 Watts RMS Plus  
AC/DC Versatility**

- Two Mike Inputs with Mixing  
Aux and Phono Inputs
- Tone & Master Volume Controls

**79<sup>95</sup>**



Realistic® MPA-20. Level controls for Mike-1 and Mike-2, phono/aux. Tone and master volume controls for controlling all inputs simultaneously. Separate on/off switch. Pilot light. Outputs: 4, 8, 16 ohm speakers; 25 and 70-volt line. Power: 20 watts RMS at 8 ohms. Response: 200-10,000 Hz at full power. 4½x10½x7½" metal case. Carry handle/mobile bracket, power cords for 12 VDC and 120 VAC. U.L. listed. 32-2020 ..... 79.95



Two ¼" Phone Plug  
Adapters Attach to  
Mike Connectors

Two  
Microphone  
Connectors

DC Power Cord  
Fits Lighter  
Socket

## Mobile/Outdoor PA System

Save 10<sup>90</sup>

Reg. Separate  
Items Price **110<sup>95</sup>**

Complete System

**99<sup>95</sup>**



- MPA-20 20-Watt RMS PA Amplifier
- PA-5 8-Watt 5" Powerhorn® Speaker
- MC-1000 Dynamic Mike with Desk Stand

## Indoor PA/Music System

Save 13<sup>80</sup>

Reg. Separate  
Items Price **132<sup>90</sup>**

Complete System

**119<sup>00</sup>**



- MPA-20 20-Watt RMS PA Amplifier
- 2 Solo-6 Vinyl Veneer Wall Speakers
- MC-1000 Dynamic Mike with Desk Stand

## Deluxe Indoor Music/PA System

Save 26<sup>80</sup>

Reg. Separate  
Items Price **215<sup>90</sup>**

Complete System

**189<sup>00</sup>**



- MPA-20 20-Watt RMS PA Amplifier
- 2 8-Speaker Vinyl Veneer Column Speakers
- Highball-2 Dynamic Omnidirectional Mike

## 10-Watt, 12 VDC Mobile Public Address Amplifier

**MOBILE PA  
SYSTEM**

Save 5<sup>95</sup>

Reg. Separate  
Items Price **50<sup>90</sup>**

Complete System

**44<sup>95</sup>**



**39<sup>95</sup>**

Realistic MPA-10. About the size of a paperback book! Ideal for paging, announcing or background music at medium sized outdoor rallies, sports events, picnics, parades. Features pushbutton mike and aux selectors, on-off/volume and tone controls, screw terminal speaker connections. Outputs: 4 and 8 ohms. Power: 10 watts RMS at 8 ohms. Response: 200-10,000 Hz at full power. Size: 1½x4¼x6½". 12 VDC pos./neg. gng. With mounting bracket, mike clip. 32-2019 ..... 39.95



MPA-10 PA Amp • 4" Powerhorn® Speaker

# Musical Memories are Yours at Radio Shack®

## Sentimental Journey to the 40's



**Top Hits of the 40's, Vol. I.** Ten memorable tunes including "Boogie Woogie Bugle Boy" and "Rum and Coca Cola," Andrews Sisters; "Sleepy Lagoon," Harry James; "Mona Lisa," Nat King Cole; "Accent-Tchu-ate the Positive," Johnny Mercer; "Tonight We Love," Freddy Martin; "Twelfth Street Rag," Pee Wee Hunt; "I Had the Craziest Dream," Helen Forrest; 2 others. LP. 50-6040 ..... 2.99  
8-Track. 51-6040 ..... 3.39; Cassette. 51-6140 ..... 3.39

**Top Hits of the 40's, Vol. II.** Ten tunes that'll take you back, like "Blue Moon," Mel Tormé; "Besame Mucho," Andy Russell; "Artistry in Rhythm," Stan Kenton; "Manana," Peggy Lee; "Cow Cow Boogie," Ella Mae Morse; "Moonlight in Vermont," Margaret Whiting; "The Boy Next Door" and "The Trolley Song," Judy Garland; 3 others. LP. 50-6041 ..... 2.99  
8-Track. 51-6041 ..... 3.39; Cassette. 51-6141 ..... 3.39

**Top Hits of the 40's, Vol. III.** Ten favorites including "Sentimental Journey," Doris Day with Les Brown; "Beat Me Daddy, 8 to the Bar," Will Bradley/Ray McKinley Orch.; "Juke Box Saturday Night," Modernaires; "Peg O My Heart," Jerry Murad's Harmonicals; "All or Nothing at All," Frank Sinatra with Harry James; "Why Don't You Do Right," Peggy Lee with Benny Goodman; 4 others. LP. 50-6042 ..... 2.99  
8-Track. 51-6042 ..... 3.39; Cassette. 51-6142 ..... 3.39

## The Great 50's Revival

**Top Hits of the 50's, Vol. I.** Remember these? "Book of Love," Monotones; "The Battle of New Orleans," Johnny Horton; "Wake Up Little Susie," Everly Brothers; "White Sport Coat," Marty Robbins; "Earth Angel," Penguins; "Summertime, Summertime," The Jamies; "Cry," Johnnie Ray. 3 other hits. LP. 50-6050 ..... 2.99  
8-Track. 51-6050 ..... 3.39; Cassette. 51-6150 ..... 3.39

**Top Hits of the 50's, Vol. II.** Ten hits from "back when" including "Stranger in Paradise," Tony Bennett; "Che Sera, Sera," Doris Day; "Doggie In the Window," Pattie Page; "Let Me Go Lover," Joan Weber; "Hey There," Rosemary Clooney; "Theme from a Summer Place," Percy Faith; "No Not Much," 4 Lads; 3 others. LP. 50-6051 ..... 2.99  
8-Track. 51-6051 ..... 3.39; Cassette. 51-6151 ..... 3.39

**Top Hits of the 50's, Vol. III.** Your favorite tunes including "To Know Him Is to Love Him," Teddy Bears; "Donna," Richie Valens; "Vaya Con Dios," Les Paul and Mary Ford; "Poor People of Paris," Les Baxter; "Rock and Roll Waltz," Kay Starr; "Come Go with Me," The Del Vikings; 4 others. LP. 50-6052 ..... 2.99  
8-Track. 51-6052 ..... 3.39; Cassette. 51-6152 ..... 3.39



## All-Time Jazz Favorites

**Jazz Greats, Vol. I.** Classic performances from jazz superstars including "Thou Swell" and "It's Wonderful," Bobby Hackett; "Boogie On St. Louis Blues," Fatha Hines; "MW Blues," Don Ewell; "Back on the Street," Jonah Jones; "Body & Soul," Teddy Wilson; "Sunday," Buddy Tate; 1 other. LP. 50-6010 ..... 2.99  
8-Track. 51-6010 ..... 3.39; Cassette. 51-6110 ..... 3.39

**Jazz Greats, Vol. II.** 10 classic hits including "Satin Doll," Duke Ellington; "Mack the Knife," Louis Armstrong; "South Rampart St. Parade," Al Hirt; "One O'Clock Jump," Count Basie; "Take Five," Dave Brubeck; "The In Crowd," Ramsey Lewis; "Up a Lazy River," Pete Fountain; 3 others. LP. 50-6011 ..... 2.99  
8-Track. 51-6011 ..... 3.39; Cassette. 51-6111 ..... 3.39

## Pop Favorites of the 70's

**Top Hits of the 70's, Vol. I.** Today's favorites: "Black Magic Woman," Santana; "Hold Your Head Up," Argent; "Rock On," David Essex; "Brandy," Looking Glass; "Baby Don't Get Hooked on Me," Mac Davis; "Cover of the Rolling Stone," Dr. Hook & the Medicine Show; "Come and Get Your Love," Redbone; 3 others. LP. 50-6070 ..... 2.99  
8-Track. 51-6070 ..... 3.39; Cassette. 51-6170 ..... 3.39

**Top Hits of the 70's, Vol. II.** 10 super-hits like "Raindrops Keep Fallin' on My Head," B. J. Thomas; "Venus," Shocking Blue; "Rock Me Gently," Andy Kim; "Band of Gold," Freda Payne; "Go All the Way," Raspberries with Eric Carmen; "Last Song," Edward Bear; "The Night the Lights Went Out in Georgia," Vicki Lawrence; "Hooked on a Feeling," Blue Swede; 2 others. LP. 50-6071 ..... 2.99  
8-Track. 51-6071 ..... 3.39; Cassette. 51-6171 ..... 3.39



## Country and Truckin' Hits

**Country Greats of the 60's.** 10 great tunes including "Harper Valley P.T.A.," Jeannie C. Riley; "Folsom Prison Blues," Johnny Cash; "Ballad of Jed Clampett," Flatt and Scruggs; "D-I-V-O-R-C-E," Tammy Wynette; 6 others. LP. 50-6063 ..... 2.99  
8-Track. 51-6063 ..... 3.39; Cassette. 51-6163 ..... 3.39

**Country Pop Hits of the 70's.** 10 recent hits like "Snowbird" and "Danny's Song," Anne Murray; "Wolf Creek Pass," C. W. McCall; 7 other favorites. LP. 50-6072 ..... 2.99  
8-Track. 51-6072 ..... 3.39; Cassette. 51-6172 ..... 3.39

**Put the Hammer Down!** 10 truckers' favorites like "Convoy," C. W. McCall; "The White Knight," Cleodius Maggard & the Citizens Band; "Movin' On," and "White Line Fever," Merle Haggard; "Phantom 309," Red Sovine; 5 others. LP. 50-6001 ..... 2.99  
8-Track. 51-6001 ..... 3.39; Cassette. 51-6101 ..... 3.39



## Golden Oldies from the 60's

**Top Hits of the 60's, Vol. I.** Ten tunes, including "Our Day Will Come," Ruby and the Romantics; "Sugar Shack," Jimmy Gilmer and the Fireballs; "Louie, Louie," Kingsmen; "Turn! Turn! Turn!" Byrds; "There, I've Said It Again," Bobby Vinton; "Young Girl," Gary Puckett; "Hey Little Cobra," RipCORDS; 3 others. LP. 50-6060 ..... 2.99  
8-Track. 51-6060 ..... 3.39; Cassette. 51-6160 ..... 3.39

**Top Hits of the 60's, Vol. II.** Enjoy 10 spectacular hits like "Happy Together," Turtles; "Roses Are Red," Bobby Vinton; "Big Bad John," Jimmy Dean; "A Boy Named Sue," Johnny Cash; "Spinning Wheel," Blood, Sweat and Tears; "Mr. Tambourine Man," Byrds; "To Sir with Love," Lulu; 3 others. LP. 50-6061 ..... 2.99  
8-Track. 51-6061 ..... 3.39; Cassette. 51-6161 ..... 3.39

**Top Hits of the 60's, Vol. III.** Ten super-hits including "Will You Love Me Tomorrow," Shirelles; "Peppermint Twist," Joey Dee and the Starlighters; "A World Without Love," Peter and Gordon; "Help Me, Rhonda," Beach Boys; "Running Bear," Johnny Preston; "Ode to Billie Joe," Bobbie Gentry; 4 others. LP. 50-6062 ..... 2.99  
8-Track. 51-6062 ..... 3.39; Cassette. 51-6162 ..... 3.39



## "Audiophile Series" Classics

**Tchaikovsky's "Pathétique" Symphony, Plus "1812 Overture."** 8-Track. 51-5070 ..... 3.99; Cassette. 51-4070 ..... 3.99

**Strauss Waltzes and von Suppe Overtures.** "Emperor" and "Blue Danube" waltzes, "Tales from Vienna Woods," "Light Cavalry," "Poet and Peasant," others. 8-Track. 51-5071 ..... 3.99  
Cassette. 51-4071 ..... 3.99

**Tchaikovsky Ballets.** "Swan Lake," "Romeo and Juliet," "Nutcracker Suite." 8-Track. 51-5072 ..... 3.99  
Cassette. 51-4072 ..... 3.99

**Russian Masterpieces.** Tchaikovsky's "Marche Slav," Rimsky-Korsakov's "Russian Easter Overture," Borodin's "Polovetzian Dances," others by Moussorgsky and Glinka. 8-Track. 51-5074 ..... 3.99; Cassette. 51-4074 ..... 3.99

**Organ Music.** Vivaldi's "The Four Seasons," Bach's "Tocatta and Fugue" and chorale preludes. 8-Track. 51-5075 ..... 3.99  
Cassette. 51-4075 ..... 3.99

**Beethoven and Chopin Piano Selections.** "Moonlight Sonata," "Emperor Concerto," "Polonaise." 8-Track. 51-5076 ..... 3.99  
Cassette. 51-4076 ..... 3.99



## Pre-Recorded Stereo 8-Track Tapes

**339**  
Each

An assortment of all-time "easy listening" favorites on pre-recorded 8-track cartridges for hours of listening pleasure.

**Softly** — Jackie Gleason Orchestra. "Girl from Ipanema," "I Don't Know Why," "Moon River," "Romeo and Juliet Theme," "Softly As I Leave You," 5 more. 51-2002.

**Kings of the Big Bands & Kings of Dixieland.** 10 big tunes by 9 great bands like Benny Goodman, Harry James, Glen Gray, Woody Herman, Stan Kenton, Pee Wee Hunt. 51-2003.

**Great Love Concertos.** 9 pieces played by Hollywood Bowl Symphony Orchestra. "Warsaw Concerto," "Dream of Olwen," "Spellbound Concerto," "Swedish Rhapsody," others. 51-2004.

**Vocal Hit Sounds.** Glen Campbell, Dionne Warwick, Anne Murray, B. J. Thomas, and Peggy Lee sing "Hooked on a Feeling," "Make It Easy on Yourself," 8 others. 51-2005.

**Motion Picture Themes.** "Love Story," "Shaft," "Fiddler on the Roof," "Romeo and Juliet," "Elvira Madigan," "For All We Know," "I Don't Know How to Love Him," "Windmills of Your Mind," 2 others. 51-2006.

**Music Country.** Charlie Rich, Glen Campbell, Anne Murray, Johnny Cash, Roy Clark, Tex Ritter, Ferlin Husky, Sonny James sing 11 country hits. 51-2007.

**Songs of Love.** 10 favorites by Nat King Cole, Wayne Newton, Dean Martin, Peggy Lee, Matt Monro, Al Martino, George Shearing, Sandler & Young, Jackie Gleason Orch. 51-2009.



## Realistic Stereo Sound Effect, Test and Demonstration Records

**50 Sound Effects in Stereo.** Surprise your friends, add new fun to parties, use as background for "live" recordings. Hear ACTUAL recordings of an ocean liner, airplanes, crowds, pistol shots and ricochets, thunder, water dripping and pouring, animals, pinball machine, heartbeats, surf, creaking door and more. LP. 50-2017 ..... 2.49  
Cassette. 51-2779 ..... 3.99

**Stereo Test Record.** Our most popular disc for checking frequency response, rumble, flutter, hum, separation. 50-1001 ..... 2.99

**Sound Effects in Stereo.** 48 realistic sound effects vividly create a "you are there" feeling! Includes animal noises, baby crying, dynamite blast, screeching tires, jets, trays of dishes crashing, seagull and tugboats, clocks, slot machine, shuffling and dealing cards, more. Great for parties, background sounds for plays, or just for testing your own sensitivity. 50-2018 ..... 2.49



# "Show Off" Your Stereo with a Component Cabinet

NEW FOR 77

## Realistic® "Stackable" Stereo Component Cabinets

They interlock! Stack 'em up, or use 'em side-by-side!

**29<sup>95</sup>**  
less components

*Start with One, Add More  
As Your System Grows*

A great new storage system that expands to hold new components, records or tapes as you add them to your collection! Each basic unit can be easily assembled in just minutes with only a screwdriver. Stack units on top of each other to make the most of wall space—locking tabs hold them securely in place. Or place them side-by-side for space-saving storage. Shelves are adjustable to fit anywhere along the sides at 1½" intervals, so there is room for almost any size speaker systems or other components. Attractive walnut vinyl veneer finish. Shelves, 22½x15". Overall, 28x23¾x15½".

42-3010 ..... 29.95

## Deluxe Danish Modern Furniture Cabinet with a "Look of Luxury"

*Store Your Stereo Components,  
Records and Tapes In Style*

**59<sup>95</sup>**  
less components

Modern open-shelf design organizes your audio components, records, and tapes for easy access and really makes the most of available space. Enclosed back has outlet holes for audio cables. Separate racks hold up to 56 tape cartridges and your whole record collection. Record changer shelf size, 11½x20½x15". Speaker sections, 25¾x14x15½". Receiver/amplifier shelf, 11½x20½x15". Overall, 30x70¾x15½". "Knock down" construction—assembles quickly with only a screwdriver. Clean, modern styling blends in with any decor, adds a touch of class to any room. Handsome walnut vinyl veneer finish is scuff and mar resistant. 42-3004 ..... 59.95



## Versatile Roll-About Stereo/TV Cart

NEW FOR 77

*Enjoy TV  
or Stereo  
in Any  
Room*

## Mobile Entertainment Cabinet

**39<sup>95</sup>**  
less components

*On Easy-Rolling  
Ball Casters*



**24<sup>95</sup>**  
less components

Clear, easy-rolling swivel casters let you wheel your system around to the living room, den, patio—anywhere! Holds any combination of receiver, changer, two speaker systems, TV or records and tapes. Open center section, 13½x26". Overall, 23½x51x15½". Attractive walnut grained vinyl veneer with reinforced corners. Only a screwdriver and pliers needed for assembly. 42-3011 ..... 24.95

Elegant furniture-style cabinetry encloses component stereo system, records, TV or books—and lets you move them around at will. Removable record dividers. Handles speaker systems up to 12¾" wide, 18" high. 17½" opening between shelves. Overall size, 25¾x37¼x15¾". Walnut grain vinyl veneer and ebony finish. Includes assembly tool for easy set-up. 42-3007 ..... 39.95

Over 4200 Radio Shack Stores and Dealers Nationwide—We're Near You

# Realistic/Shure Diamond-Magnetic Stereo Cartridges

## Our Finest Elliptical



**44<sup>95</sup>** True to the Groove  
Tracking Range at 3/4-1 1/4 Grams

Realistic/Shure R1000E. For top-of-the-line automatic and manual turntables. Superior trackability—33 cm/sec at 1 kHz—brings out the best in your records. Precision .0002x.0007" diamond stylus. Smooth 20-20,000 Hz response, ±3 dB. Channel Separation: 25 dB at 1 kHz. 42-2769 . . . . . 44.95

## Superb Elliptical

Tracks Down to 3/4 Gram  
and It's Bargain-Priced

**24<sup>95</sup>**



Realistic/Shure R27E. This light-tracking stereo cartridge will bring you crisp, clear sound. Ideal for high-quality automatic and manual turntables. Frequency Response: 30-20,000 Hz. Channel Separation: 25 dB at 1 kHz. Long-lasting diamond stylus. 42-2763 . . . . . 24.95

## Elliptical on a Budget



**17<sup>95</sup>** For Heavy-Tracking  
2-4 Gram Forces

Realistic/Shure R25EC. Your best bet for any changer or turntable tracking at up to 4 grams. High quality at an extremely moderate price. Has a long-lasting .0004x.0007" elliptical diamond stylus. Response: 30-20,000 Hz. Channel Separation: more than 25 dB at 1 kHz. 42-2767 . . . . . 17.95

## "Super-Track" Elliptical

- 20-20,000 Hz Response
- 3/4 to 1 1/2 Gram Tracking

**34<sup>95</sup>**

Realistic/Shure R700E. For finer manual and automatic turntables. The .0002x.0007" elliptical diamond stylus has superior trackability (30 cm/sec at 1000 Hz), closest to the way records are made. Channel Separation: 25 dB at 1 kHz. 42-2765 . . . 34.95



## Low-Cost Elliptical



**19<sup>95</sup>**

Upgrade Your Conical  
Cartridge System

Realistic/Shure R47EB. Improves sound and tracking of almost any quality turntable using a conical-stylus cartridge. Has .0004x.0007" diamond stylus. 30-20,000 Hz response. Channel Separation: 20 dB at 1 kHz. "Expensive" features, budget price! 42-2761 . . . . . 19.95

## Wide-Range Conical

Our Lowest Priced  
Magnetic Stereo Cartridge

**15<sup>95</sup>**

Realistic/Shure R7CED. Ideal for low-cost systems and stereo compacts. Has .0006" "floating" conical diamond stylus. Tracks accurately from 3 to 5 grams. Can be upgraded to elliptical stylus with RS25EC replacement stylus below. Channel Separation: over 25 dB at 1 kHz. 42-2760 . . . . . 15.95



Inside the Velvet  
Plush Cover . . .  
Bead Magic!



## Low As Hydro-Stor® Record Care System

**5<sup>95</sup>**

- Exclusive Cleaning Action - In 2 Versions
- Protect Your Records and Stylus for Noise-Free Listening, Longer Life

Hydro-Stor is a fluid storage and distribution medium composed of thousands of tiny glass beads inside a permeable matrix. Using capillary action, the beads retain cleaning fluid for weeks at a time, while maintaining the perfect moisture level on the cleaner's plush velvet surface. Both cleaners are easily refilled. "Professional" model (with stand and hefty rosewood handle) is 2 1/2x4 1/2x2 1/2". Cylinder is 4x1 1/2" dia.

- Ⓐ Hydro-Stor Professional. 42-102 . . . . . 9.95
- Ⓑ Hydro-Stor Cylinder. 42-101 . . . . . 5.95
- Universal Record Cleaning Fluid. 42-105 . . . . . 1.79

## Replacement Styli for Realistic Cartridges

Upgrade your cartridge from conical to elliptical, or replace worn stylus for improved record performance and durability. Each diamond stylus is graded and shadowgraphed for uniform quality.

Cat. No.	Model	Description	Each
42-2762	RS47EB	For R47EB, Shure M71, M75, M90 Series	13.95
42-2764	RS27E	For R27E, Shure M71, M75, M90 Series	17.95
42-2766	RS700E	For R700E, Shure M71, M75, M91, M92, M93 Series	23.95
42-2768	RS25EC	For R25EC, Shure M71, M75, M90 Series	11.95
42-2759	RS50E	For RK50E, ADC K Series	19.95
42-2770	RS1000E	For R1000E, M91ED, M90 Series	25.95

## Magnetic Cartridge Replacement Styli

All our diamond replacement styli meet or exceed the manufacturer's specifications. So why drive all over town looking for a particular name? You can find your stylus—or order it—at Radio Shack.

Cat. No.	Model	Fits Cartridge	Each
42-238	N3D	Realistic RS-100, Shure M3D, M7D	7.95
42-2776	RS7C	Realistic LAB-36, MC-2000/3000 Compacts	9.95
42-2483	D1507AC-2	Pickering P/AC, V15-AC-2, V15-AC-1	9.95
42-2484	D1507AT-2	Pickering V15/AT-2, V15/AT-1, V15ATM. Fits almost all KLH, Scott and similar systems.	10.95

## Solid-State Stereo Preamp



**10<sup>95</sup>**

Use Any Magnetic Cartridge  
with Any Auxiliary Input

Lets you upgrade your console or stereo compact to take a full-range, light-tracking magnetic cartridge. Or you can use it to add a 2nd magnetic cartridge record player to your receiver or amplifier. 34 dB gain, 1.8-volt maximum output, 47k input, RIAA equalization, phono jacks. Only 1 1/2x4x2 1/2". For 120 VAC. 42-2930 . . . . . 10.95



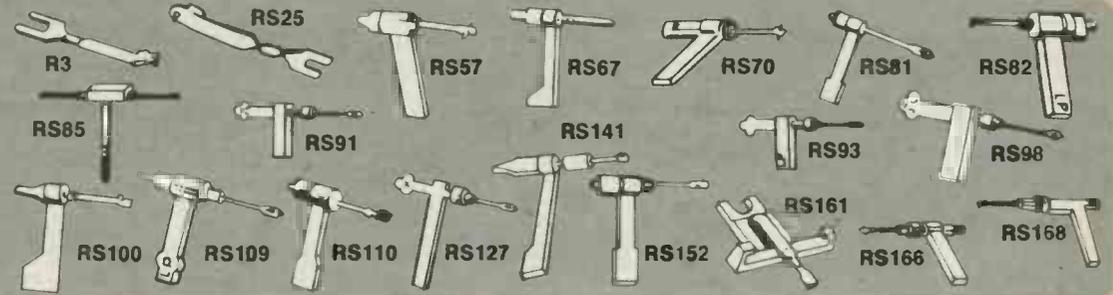
# REPLACEMENT STYLI

Renew or Upgrade Your Present Cartridge  
 Don't Let a Worn-Out Stylus Damage Your Discs  
 and "Defeat" Your High-Fidelity System

Not even the finest stereo components can give you "hi-fi" music from a record played with a bad stylus. And diamond styli do NOT last forever! Happily, stylus replacement is one of the most inexpensive ways to audibly improve your music system's performance — especially at Radio Shack! Each Realistic diamond stylus is guaranteed to be a whole stone, not just a chip. And all are carefully graded to eliminate "hard" stones that could damage records. The styli are individually shadowgraphed for uniform quality and response. So don't just replace your worn out stylus — *improve on it* — with Realistic quality!



All Needles  
**2.99**  
 Each



Shop the "Cartridge & Stylus Center" in Any Radio Shack® for Stylus Replacement



Radio Shack is "the" one-stop shopping place for virtually any replacement. Most stores have replacements in stock or available on order from our National Cartridge and Stylus Center. If you're unsure of your stylus' condition — bring it in and let us check it out for you!

The Right Stylus at the Right Price!

Cat. No.	Figure	Cartridge or Stylus No.
<b>ASTATIC</b>		
42-2813	R-3	314, 420, 422, 424, 426
42-2817	RS-25	70, 74, 76, 80, 86 Stereo
42-2804	RS-67	140, 142 Stereo
<b>BSR</b>		
42-2810	RS-81	ST-3, 4, 5, 6, X3H, JX-1H, SX-2H, C1
42-2828	RS-110	ST-8, ST-9, SX5H, SC5H
42-2891	RS-152	SC5M, SX5M, ST-12, ST-14, ST-15, ST-22
42-2892	RS-166	SC7M, SC8M
<b>ELECTRO-VOICE</b>		
42-2811	RS-57	141, 149, 169 Flexible
42-2890	RS-109	168, 198, 199, 275, 277
<b>GENERAL ELECTRIC</b>		
42-2896	RS-70	C-500, C-560
42-2899	RS-161	C-660
<b>JENSEN</b>		
42-2817	RS-25	S, T, 90 Stereo
<b>MAGNAVOX</b>		
42-2813	R-3	560176, 560180-1, 2, 3; 560209-1, 2; 560236-1, 560288-1, 2
42-2811	RS-57	360310; 560340-1
42-2890	RS-109	560345

Cat. No.	Figure	Cartridge or Stylus No.
<b>RCA</b>		
42-2813	R-3	103330, 105482, 106776, 109718
42-2842	RS-82	115276, 115277, 115302, 115303, 115346, 115347, 115703
42-2843	RS-168	131777, 131779
<b>RONETTE</b>		
42-2813	R-3	DC-04; TC-200; TO-222; TO-284; TO-400; DT-60; RA-284; DR-395; -1
<b>TETRAD</b>		
42-2802	RS-98	20D, 21D, 23D, 52D, 53D, 62D, 63D, A-1, A-2, A-3, T5HD, T-50HD
42-2889	RS-91	11D, 12D, 13D, 14D, 31D, 72D, 80D, G-1, G-2, G-3, T21D, T11D
42-2840	RS-93	32D, 33D, 90D, 91D, 93D, E-1, E-2, E-3
42-2841	RS-127	40D, 41D, 42D, 43D, 44D, C-0, C-1, C-2, C-3, T3MD, T2MD, T30MD, T20MD
<b>VAÇO (VARCO)</b>		
42-2817	RS-25	ST-100, ST-200 Stereo
42-2813	R-3	TO-45 (x)
42-2805	RS-100	SN60, 65, 68, 70, 72, 75
42-2839	RS-141	TO-4-B
<b>ZENITH</b>		
42-2813	R-3	152-47; 142-84; 142-85; 142-86B; 142-95; 142-96; 142-97; 142-125; 142-99B; 142-101B
42-2822	RS-85	142-150/151

## Everything You Always Wanted for Your Records

**Strobe Disc**  
 49¢  
 Helpful in checking RPM and making speed adjustments.  
 42-268 ..... 49¢

**45-RPM Spindle Adapter**  
 39¢  
 Play 45-RPM records on standard phone spindles. Plastic.  
 42-120 ..... 39¢

**Stylus Cleaning Fluid**  
 1.39  
 With brush for removing harmful particles off stylus. 1 1/4 oz.  
 42-1074 ..... 1.39

**Stylus Pressure Gauge**  
 1.19  
 Lets you precisely adjust stylus tracking down to 1/4 gram.  
 42-2350 ..... 1.19

**Handy Record Racks**  
 Low As **2.99**  
 Brass-plated metal. Holds up to 60 records.  
 42-134 ..... 4.49  
 Molded plastic rack keeps up to 40 discs organized.  
 42-136 ..... 2.99

**45-RPM Inserts**  
 99¢  
 Pack of 40 plastic snap-ins lets you play 45's on any standard spindle.  
 42-103 ..... 99¢

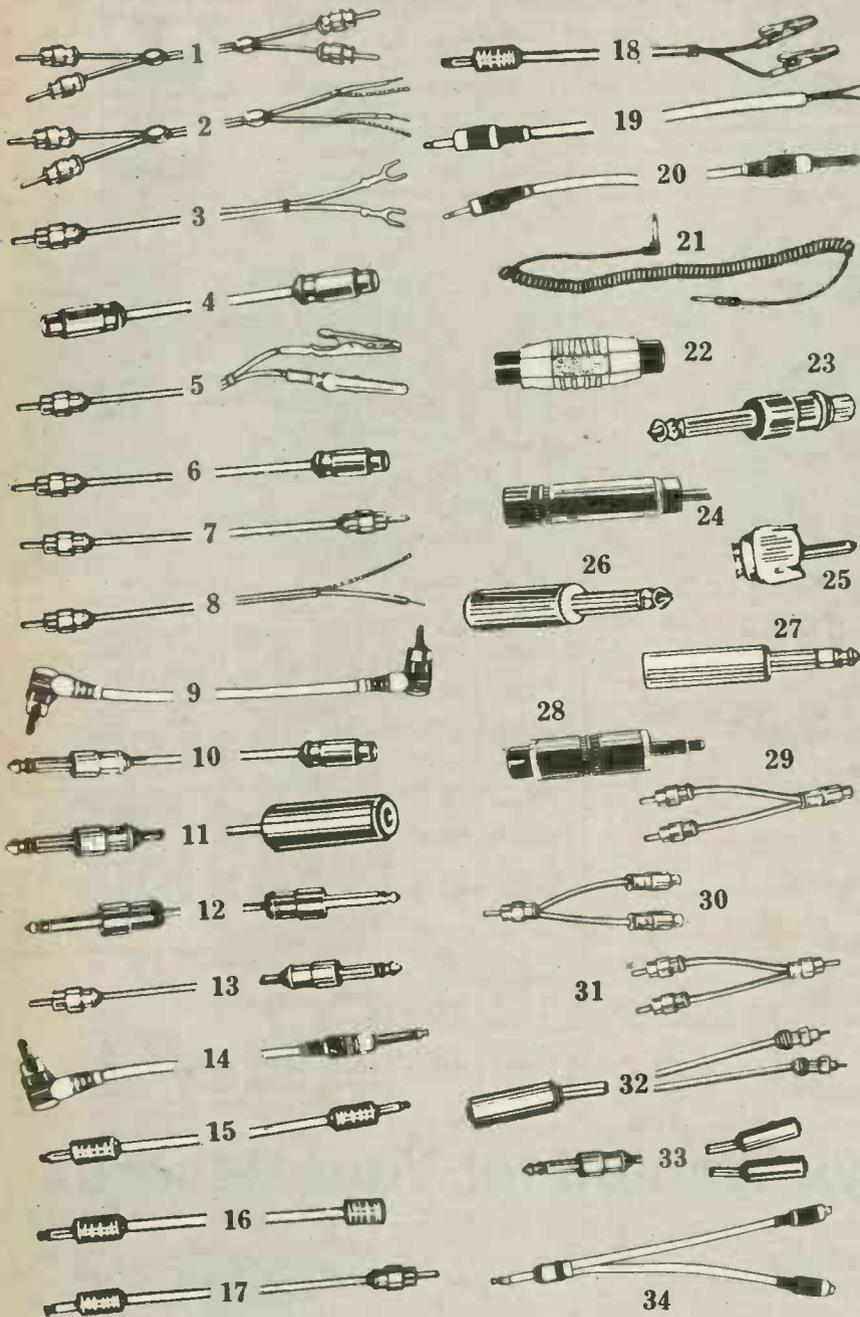
**Clip-On Disc Brush**  
 39¢  
 Cleans records as they play. For most arms with ceramic or crystal cartridge.  
 42-1073 ..... 39¢

**Brush/Arm Lift**  
 79¢  
 Cleans records as they play, provides a fingertip arm lift, too. Clips on most arms.  
 42-1072 ..... 79¢

**Stylus Brush**  
 1.19  
 Mounts on changer to keep stylus free from harmful dust 'n dirt.  
 42-746 ..... 1.19

**Record Cleaning Kit**  
 1.99  
 Keeps records in top shape — long life! Includes fluid, applicator, stylus brush.  
 42-1085 ..... 1.99

# Everything in Audio Cables, Connectors & Adapters



## Injection Molded Stereo Cable Assemblies

Shielded stereo cables for quick, easy connections. Plugs are color-coded for correct hook-up the first time. Single gray cable splits 5" from each end for separate plugs.

Cat. No.	Fig.	Description	In.	Each
42-2351	1	2 Straight Phono Plugs at Each End	36	2.99
42-2352	1	2 Straight Phono Plugs at Each End	72	3.99
42-2355	2	2 Straight Phono Plugs at One End; 2 Stripped and Tinned Ends	72	3.69

## Molded Cable Assemblies

Multipurpose flexible cable for every application. All are gray, shielded except Fig. 5 (parallel wires for speaker connections), and Fig. 21 (black coil cord, shielded).

42-2449	3	Phono Plug to Lug Connectors	144	1.59
42-2450	3	Phono Plug to Lug Connectors	288	1.99
42-2358	4	Phono Jack to Phono Jack	72	2.19
42-2359	5	Phono Plug to Alligator Clips	144	2.59
42-2361	6	Phono Plug to Phono Jack	36	1.79
42-2362	6	Phono Plug to Phono Jack	72	1.99
42-2363	6	Phono Plug to Phono Jack	144	2.49
42-2365	7	Phono Plug to Phono Plug	18	1.29
42-2366	7	Phono Plug to Phono Plug	36	1.39
42-2367	7	Phono Plug to Phono Plug	72	1.69
42-2368	7	Phono Plug to Phono Plug	144	2.39
42-2370	8	Phono Plug to Stripped/Tinned Ends	36	1.29
42-2371	8	Phono Plug to Stripped/Tinned Ends	72	1.29
42-2372	8	Phono Plug to Stripped/Tinned Ends	144	1.69
42-2441	9	90° Phono Plug to 90° Phono Plug	72	1.99
42-2377	10	Phone Plug to Phono Jack	72	2.49
42-2378	11	Phone Plug to Inline Phone Jack	144	3.59
42-2381	12	Phone Plug to Phone Plug	72	2.89
42-2373	13	Phone Plug to Phone Plug	72	2.49
42-2440	14	90° Phono Plug to Phone Plug	72	2.49
42-2420	15	Miniature Phone Plug to Miniature Phone Plug	72	1.89
42-2472	16	Miniature Phone Plug to Miniature Inline Phone Jack	72	2.59
42-2444	17	Miniature Phone Plug to Phono Plug	72	1.49
42-2421	18	Miniature Phone Plug to Alligator Clips	72	1.99
42-2434	19	Mini Phone Plug to Stripped Leads	72	1.69
42-2433	20	Mini Phone Plug to Phone Plug	72	2.49
42-2473	21	Coiled Guitar Cord: 36", Extends to 15' 90° Phono Plug to Phono Plug	180	6.99

## Adapters and Connectors

All adapters are made of high-strength, lightweight plastic and are molded for long life and noise-free operation.

42-2404	22	Phono Jack to Phono Jack	1.39
42-2405	23	Phone Jack Output, Phono Jack Input	1.29
42-2414	24	Phone Jack Input to Phono Plug Outlet	1.99
42-2417	25	Phono Plug, Pack of 5	.89
42-2425	26	Phono Plug, Screw Terminals	.99
42-2391	27	Stereo Phone Plug, Screw Terminals	1.49
42-2429	28	Adapter, Phono Jack to "Miniature Plug"	1.09
42-2435	29	Y-Adapter: 2 Phono Plugs Connected to 1 Phono Jack, 4" Shielded Cable	1.89
42-2436	30	Y-Adapter: Phono Plug Connected to 2 Phono Jacks, 3" Shielded Cable	1.89
42-2438	31	Y-Adapter: 3 Phono Plugs Connected to 4" Shielded Cable	1.89
42-2471	32	Y-Adapter: 3-Conductor (Stereo) Phone Jack to 2 Phono Plugs	3.29
42-2448	33	Y-Adapter: 3-Conductor (Stereo) Phone Plug to 2 3-Conductor Phone Jacks	4.99
42-2477	34	Y-Adapter: 3-Conductor (Stereo) Phone Plug to 2 Phono Jacks	2.29

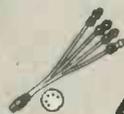
### Color-Coded 36" Audio Cables



259

Shielded for positive protection and low signal loss. Ideal for easy connections, testing equipment or making checks and repairs. Phono plugs at each end. 42-2309 ..... 2.59

### 5-Pin European Type Y-Adapter



469

Use to adapt DIN or Hirschman sockets to standard U.S. phono plugs and cables. Includes 6" cable with 5-pin socket to 4 phono jacks. 42-2394 ..... 4.69

### Guitar Cable with 90° Phono Plugs



429

Lets you play your guitar far enough away from its amplifier to prevent feedback, 12-ft. coiled cable has phono plug at each end. Connects guitar and amplifier. 42-978 ..... 4.29

### 72" Stereo Connector Cable



199

The easy and positive way to hook up your stereo components. Quality, shielded cable has phono plug at each end for most amps, receivers and recorders. 42-977 ..... 1.99

### FM Dipole Antenna



199

Get better FM reception this easy way. "Quick-connect" lugs attach to your set's antenna terminals for fast, easy hook-up. 300 ohms. 42-2385 ..... 1.99

### DIN Patch Cord

399



Mates DIN-Type jacks! 6" shielded cable with 5-pin DIN male connectors on each end. Perfect for test equipment and European style hi-fi hook-ups. 274-307 ..... 3.99

Retail Prices in This Catalog May Vary at Individual Stores and Dealers

# Radio Shack® Has a Full Line of Phono Accessories

**LP Record Cleaner Spray**



**99¢**

Penetrates into grooves, reduces surface noise and wear on LP's and 45's. Not for 78's. 42-2500 ..... 99¢

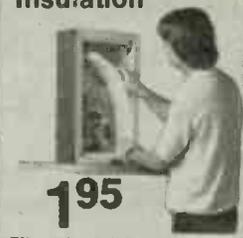
**Record Sleeves**



Low As **150** Packages of Ten

For 45's. Keep out dust and prevent scratches. With vinyl windows. 42-104 ..... 1.50  
Fit all 12" LP's. Deluxe, vinyl lined. 42-132 ..... 1.99

**Acoustic Insulation**



**195**

Fiberglass insulation for speaker enclosures. 1 sq. yd. 42-1082 ..... 1.95

**Enduro-Clean Pad**



**88¢**

Discharges static electricity. Just wet 'n wipe. 42-121 ..... 88¢

**Low-Cost Disc Cleaner**



**199**

Cuts Static, Protects Discs!

Cleans any size or type of record as it turns. 42-135 ..... 1.99

**78/45/LP Record Cleaner**



**299**

Velvet-covered ionizer/cleaner. Cleans "wet" or "dry". 42-130 ..... 2.99

**Furniture Spray with Lemon Oil**



**159**

Keeps your stereo system looking as good as it sounds. Special lemon oil spray for all wood-en cabinetry. 6-oz. spray can. 42-2502 ..... 1.59

**8" Pickup Arm with Cartridge**



**299**

Monophonic cartridge has dual styli for 78's and LP's. With arm rest. 42-004 ..... 2.99

**10" and 12" Phono Cushions**



Low As **69¢**

Foam cushion grips record, reduces rumble. 10" Size. 42-360 ..... 69¢  
12" Size. 42-361 ..... 79¢

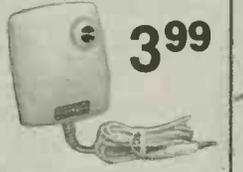
**Pillow Speaker**



**259**

Compact precision speaker with miniature phone plug for private listening. 33-206 ..... 2.59

**Deluxe Pillow Speaker**



**399**

Volume control for restful sound level. Mini phone plug connects to radio or recorder. 33-207 ..... 3.99

**Transistor Earphones**



**139**

Designed for portable radios, recorders. 1/32" plug. 33-174 ..... 1.39  
1/8" plug. 33-175 ..... 1.39

**Kleentrak Record Cleaner**



**499**

Arm motion cleans records while they're playing. With cleaning brush. 42-138 ..... 4.99

**All-Purpose Cleaner/Protector**



**179**

Maintain your stereo system at top performance. Anti-static fluid cleans styli, escutcheons. 1 1/2-oz. bottle. 42-105 ... 1.79

**Nova-Fone Earphone Speaker**



**399**

Dynamic 8-ohm speaker completely covers ear. 30-14,000 Hz. 1/8" plug. 33-1036 ..... 3.99

**Mono 8-Ohm Headphones**



**695**

Lightweight, with soft ear cushions, vinyl-covered headband. 1/4" plug. 279-200 ..... 6.95

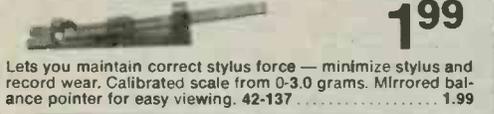
**Stereo/Mono DUALPHONE**



**795**

8-ohm set for stereo or mono equipment. Stereo/mono switch on plug. 33-196 ..... 7.95

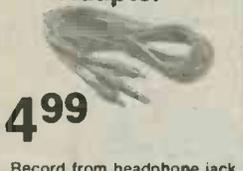
**Deluxe Stylus Force Gauge**



**199**

Lets you maintain correct stylus force — minimize stylus and record wear. Calibrated scale from 0-3.0 grams. Mirrored balance pointer for easy viewing. 42-137 ..... 1.99

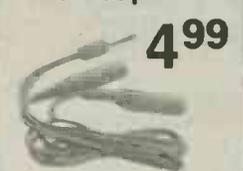
**Stereo "Y" Adapter**



**499**

Record from headphone jack of receiver. 6' cord with 1/4" phone plug on one end, 2 phono plugs on the other end. 42-2474 ..... 4.99

**Headphone Y-Adapter**



**499**

Connects 2 phones to one stereo headphone jack. 42-2448 ..... 4.99

**Attenuating Patch Cord**



**199**

1 V to 1-2 mV Range!

Drops your tape recorder's output to amp or receiver's mike input level. 1/8" mini-plugs. 274-308 ..... 1.99

**14' Headset Replacement Cable**



**579**

3-Conductor extendable coiled cord. Replaces any stereo headset cord. 42-2476 ..... 5.79

**Amplifier-Phone Coupler**



**259**

Attach stereo headphones to ANY amp that doesn't have a jack. 33-1009 ..... 2.59

**20' Earphone Extension**



**169**

1/8" mini jack & plug for transistor radios, etc. 33-176 ..... 1.69

**Speaker Extension Cables with Phono Plugs**



Low As **199**

Terminate in phono plug at each end. 24' Gray. 42-2392 ..... 2.69  
24' White. 42-2430 ..... 2.69  
12' Gray. 42-2445 ..... 1.99  
12' White. 42-2431 ..... 2.29

**Speaker Extension Cables with Lugs**



Low As **149**

Solderless! Color-coded to assure proper phasing. For extension or main speakers. 24-ft. 42-2446 ..... 1.79  
12-ft. 42-2447 ..... 1.49

**Phono Plug Coiled Audio Cables**



**249**

Extends from 8" to 66". Phono plug to coded alligator clips — quick connections for general home or studio use. 42-2398 ..... 2.49

**Deluxe Headset Junction Box**



**595**

Controls 2 Headsets

Connects headphones to speaker terminals of any amp or receiver. Volume control for each headset. Speakers on/off switch. 4 1/2"x1 1/2"x1 1/4". 33-1010 ..... 5.95

**20' Stereo Headphone Extension**



**499**

Shielded cable with stereo plug and jack. Lets you listen to headphones anywhere in your room. 42-2442 ..... 4.99

**Coiled 24' Stereo Headphone Extension Cord**



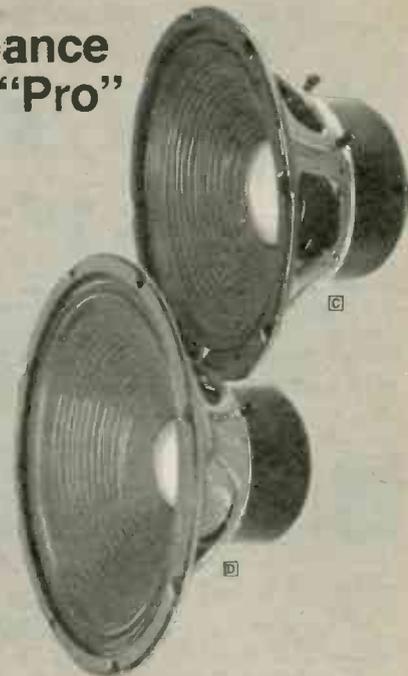
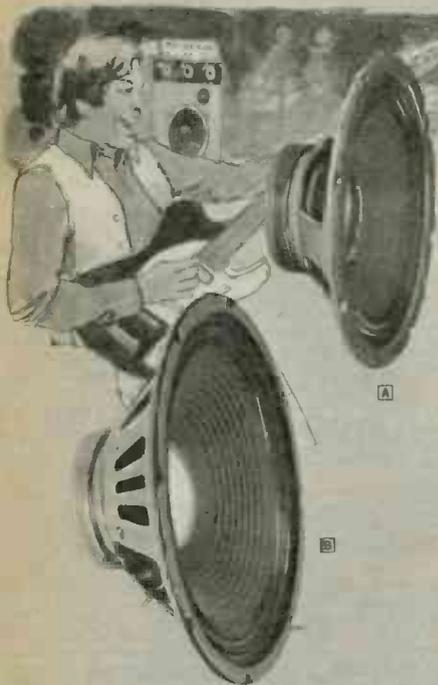
**699**

Makes it easy to listen to headphones anywhere in music room. Shielded cable with plug & jack. 42-2443 ..... 6.99

# Musical Instrument Speakers for Realistic® Sound

All the Power and Performance  
You Need to Sound Like a "Pro"

*Better Sound at a Better Price!*



**ⓐ 8", 30 Watts.** Up-date your guitar amp at low cost. Powerful 10-oz. magnet, 1" voice coil, heat-proofing to resist fracture and burnout, reinforced at every stress point. Free air resonance, 110 Hz. 8 ohms. 40-1316 ..... 11.95

**ⓑ 12", 50 Watts.** Great for any guitar, organ or bass amplifier up to 50 watts. Ruggedized construction—won't burn out! Reinforced cone edges. Heavy 1¼-lb. magnet with 1½" voice coil. Baked enamel basket with chromed dust cap. Free air resonance, 50 Hz. 8 ohms. 40-1275 ..... 18.95

**ⓒ 12", 85 Watts.** Delivers super-sound! Has a ruggedized 2" voice coil and massive 6½-lb. magnet structure for high sound level output per each watt of input! Reinforced at every stress point. Phase-coded solderless terminals. 6½" deep. Free air resonance, 55 Hz. 8 ohms. 40-1314 ..... 29.95

**ⓓ 15", 100 Watts.** Massive 2½-lb. ceramic magnet and 2" voice coil with multi-strand flexible leads anchored to cone. Resists fracture and burnout even at 100-watt surges! Phase coded solderless terminals. 8" deep. Free air resonance, 45 Hz. 8 ohms. 40-1315 ..... 34.95

## Low-Cost Realistic Acoustic Suspension Speakers

**ⓐ 4", 15 Watts, 30-17,000 Hz.** With building plans for a 280 cubic inch enclosure. 8 ohms. 40-1197 ..... 9.95

**ⓑ 6", 25 Watts, 50-17,000 Hz.** Whizzer cone, cloth-roll surround, 10-oz. ceramic magnet. Free air resonance: 57 Hz. 8 ohms. 40-1285 ..... 12.95

**ⓒ 8", 30 Watts, 30-20,000 Hz.** Cloth-roll construction, whizzer cone, 10-oz. ceramic magnet. Free air resonance: 70 Hz. 8 ohms. 40-1286 ..... 13.95

**ⓓ 12", 32 Watts, 28-18,500 Hz.** 10-oz. ceramic magnet, whizzer cone. Free air resonance: 35 Hz. 8 ohms. 40-1287 ..... 18.95

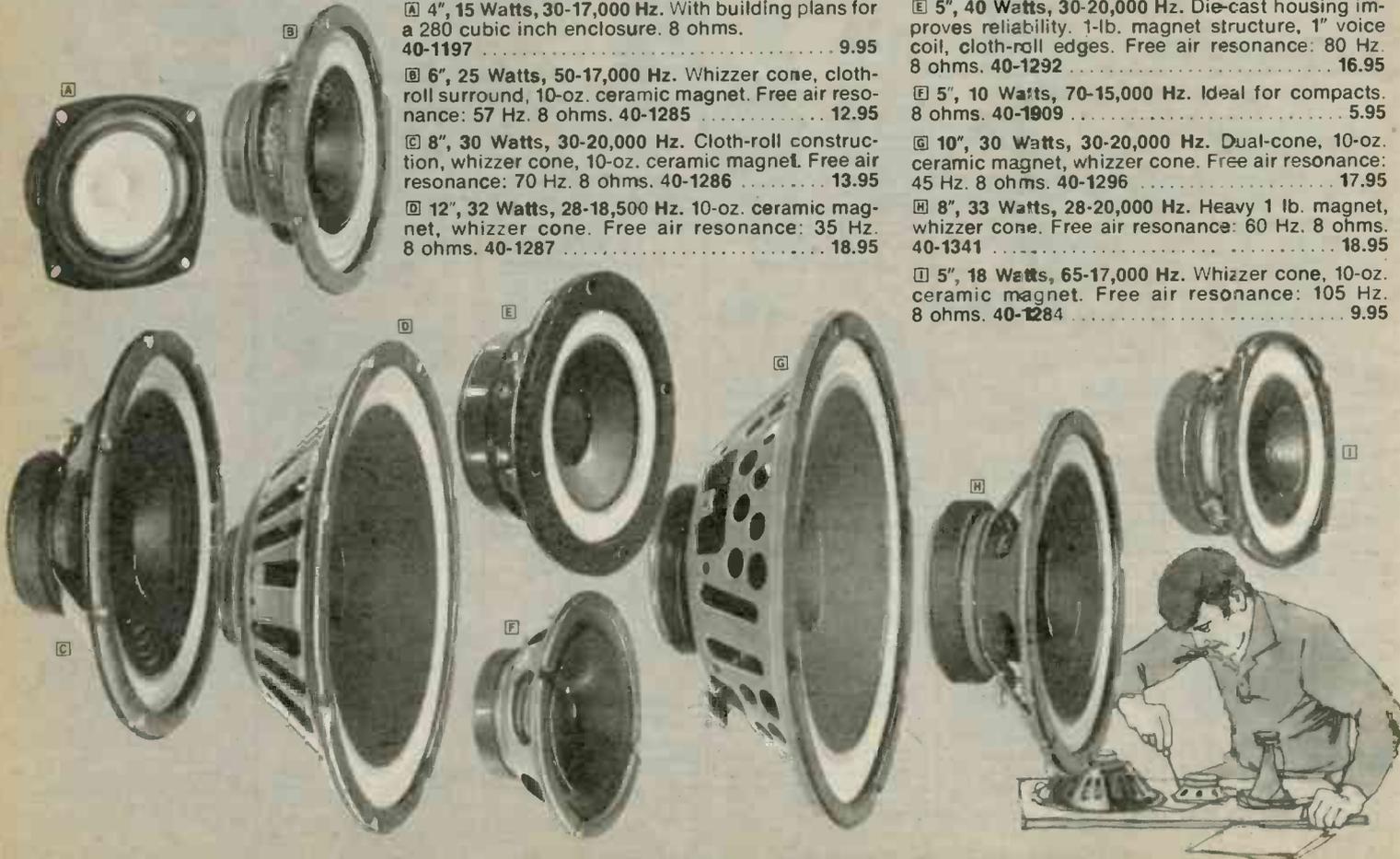
**ⓔ 5", 40 Watts, 30-20,000 Hz.** Die-cast housing improves reliability. 1-lb. magnet structure, 1" voice coil, cloth-roll edges. Free air resonance: 80 Hz. 8 ohms. 40-1292 ..... 16.95

**ⓕ 5", 10 Watts, 70-15,000 Hz.** Ideal for compacts. 8 ohms. 40-1909 ..... 5.95

**ⓖ 10", 30 Watts, 30-20,000 Hz.** Dual-cone, 10-oz. ceramic magnet, whizzer cone. Free air resonance: 45 Hz. 8 ohms. 40-1296 ..... 17.95

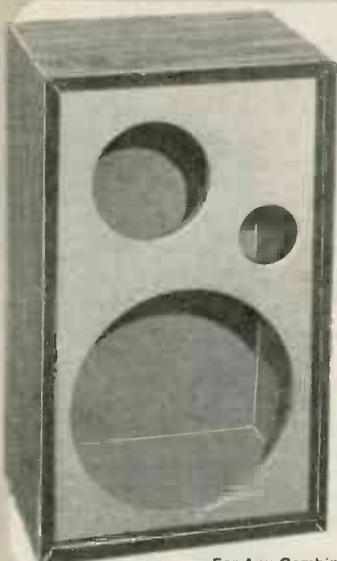
**ⓗ 8", 33 Watts, 28-20,000 Hz.** Heavy 1 lb. magnet, whizzer cone. Free air resonance: 60 Hz. 8 ohms. 40-1341 ..... 18.95

**ⓘ 5", 18 Watts, 65-17,000 Hz.** Whizzer cone, 10-oz. ceramic magnet. Free air resonance: 105 Hz. 8 ohms. 40-1284 ..... 9.95



Retail Prices in This Catalog May Vary at Individual Stores and Dealers

# Improve or Custom Build Your Own Speaker Systems



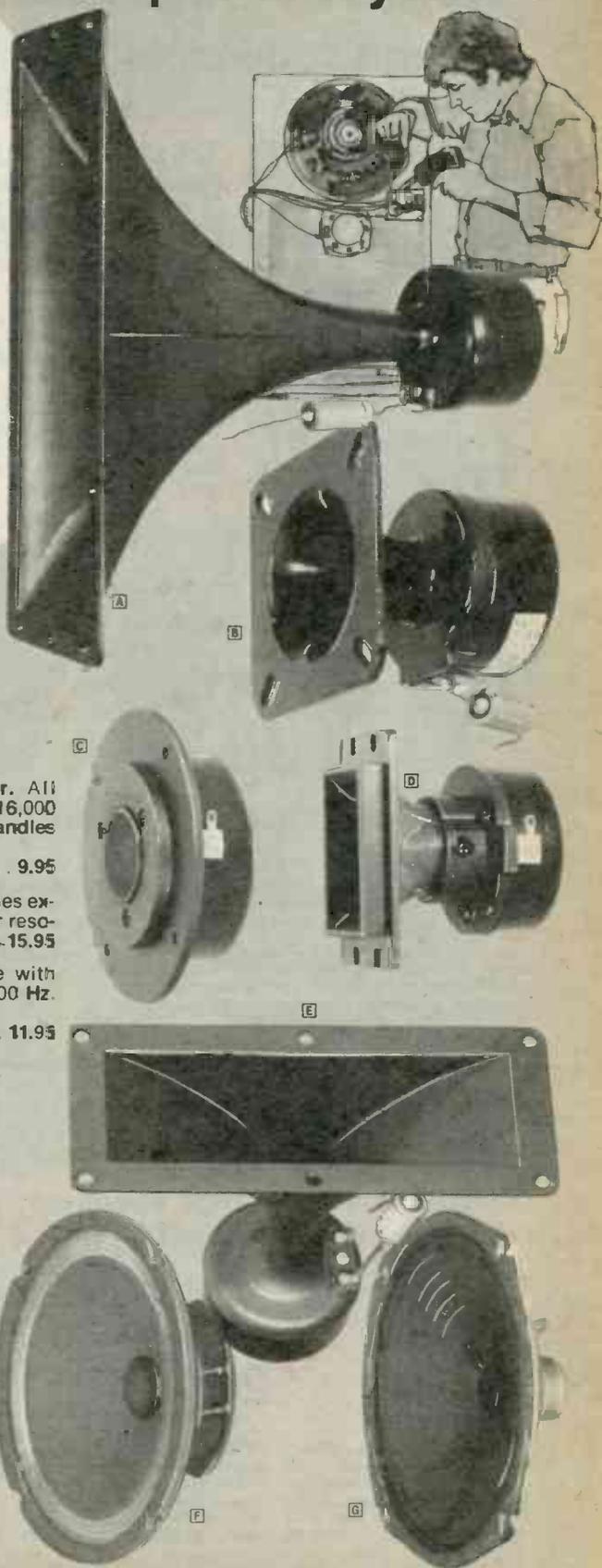
## Universal Speaker Enclosure Kit

**24<sup>95</sup>** For 1, 2 or 3-Way Speaker Systems!

**Gives Any Custom-Built System a Professional Look!**

Baffles are precut for 3½" tweeter, 6" midrange and 12" woofer (with adapters for 8 or 10" woofer and a 4 or 5" midrange). Includes cover pieces for blocking out midrange/tweeter cutouts. With hardware, full assembly and mounting instructions. Walnut grained vinyl veneer. 23½x14¼x10½". 40-1960 ..... 24.95

For Any Combination of 8, 10 or 12" Woofer and 4, 5 or 6" Midrange Speakers



## Realistic® Has Everything in Component Speakers

ⓐ **High-Quality Horn Tweeter.** 8000-14,000 Hz response. 30-watt capacity. 1.26 oz. magnet. 8 ohms. 40-1279 ..... 16.95

ⓑ **Radial Horn Tweeter.** Delivers 4000-16,000 Hz response. Handles 40 watts. 1.26 oz. magnet. Great add-on for home or PA systems. 8 ohms. 40-1278 ..... 5.95

ⓒ **High-Frequency Dome Tweeter.** Delivers 6000-18,000 Hz response. Handles 40 watts. Efficient 6 oz. magnet. 8 ohms. 1¼x3¾x3¾". 40-1276 ..... 8.95

ⓓ **Heavy-Duty Horn Tweeter.** 8000-18,000 Hz response. Handles 40 watts. 3 oz. magnet and 1" voice coil. Electronic crossover. Cloth-roll diaphragm. 8 ohms. 3⅞x2⅞x2⅞". 40-1277 ..... 6.95

### Tops in Hi-Fi Sound at The Lowest Cost!

ⓔ **High-Efficiency Horn Tweeter.** All aluminum construction. Boasts 4000-16,000 Hz response. Electronic crossover. Handles 30 watts. 8 ohms. 7¼x3x6⅞". 40-1228 ..... 9.95

ⓕ **10" Round Woofer.** Treated cone edges extend life. 30-4000 Hz response. Free air resonance, 25 Hz. 8 ohms. 40-1331 ..... 15.95

ⓖ **6" Midrange with Crossover.** Use with above woofer to build system. 700-6000 Hz. Free air resonance, 80 Hz. 8 ohms. 40-1332 ..... 11.95

### 3-Way Crossover Network



For 2- or 3-way speakers. Crossovers: 500 & 3300 Hz. Midrange/tweeter controls. 2½x6x3". 40-1339 ..... 14.95

### Stereo Speaker Switch



Controls 3 pairs of stereo speakers or 6 monophonic speakers. 2½x6x3¼". Easy hook-up. 40-125 ..... 10.95

### Speaker L-Pads



Mount in wall to control volume. 3 watts. 8 ohms. ¾" shaft. 40-980. Mono ..... 3.89  
40-979. Stereo ..... 5.19

### 3-Way Crossover Network



Handles 30 watts. Crossovers: 500 & 4500 Hz. 18" speaker leads. 4-8 ohms. 40-1294 ..... 9.95

### Speaker Selector Switch



Non-shortng. Control one or two pairs of speakers. Enclosed. With instructions. 40-130 ..... 5.19

### 2-Way Crossover Network



Handles 20 watts. Crossover: 1600 Hz. Color-coded speaker leads. 40-1293 ..... 4.95

### 6-Way Speaker Selector



Handles 3 pairs of stereo speakers or 6 monophonic speakers. Installs easily. 3¾x8x2½". 40-124 ..... 4.19

### Speaker Wall Jack



Hook up stereo speakers anywhere. With 2 plugs, hardware. 40-976 ..... 2.39

There's a Radio Shack Store or Dealer Near You — Wherever You Are

# Realistic® Acoustic Suspension Auto Speakers

## The Economical Way to Excellent Sound Reproduction

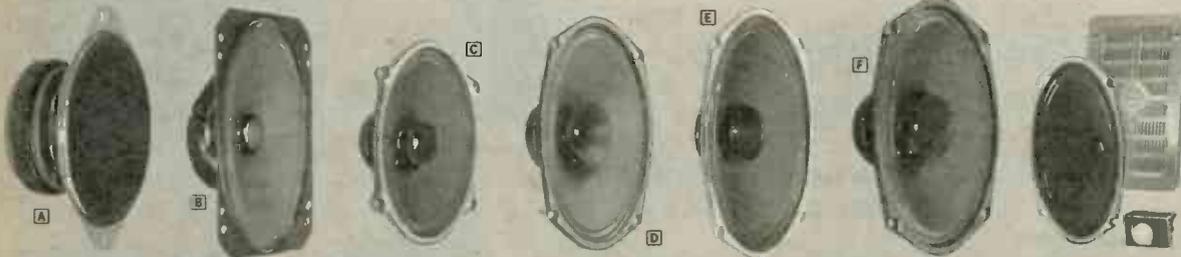
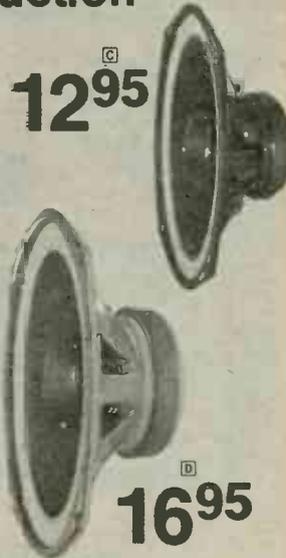


**A 5x7" — 50-17,000 Hz**  
Popular sized oval speaker with 10-oz. ceramic magnet for really good sound reproduction. Whizzer cone assures crisp highs. Handles up to 32 watts. 8 ohms impedance. 40-1288 ..... 12.95

**B 4x10" — 50-18,000 Hz**  
Dual cone, cloth roll speaker improves any mono or stereo car system. Powerful 10-oz. ceramic magnet and whizzer cone for real hi-fi. Handles up to 30 watts. 8 ohms impedance. 40-1297 ..... 12.95

**C 6x9" — 30-20,000 Hz**  
Makes any car radio or tape player sound better. Cloth roll suspension cone with whizzer tweeter. 10-oz. ceramic magnet for good bass response. Handles up to 30 watts. 8 ohms. 40-1260 ..... 12.95

**D 6x9" — 20-20,000 Hz**  
Extra-heavy 1-lb. ceramic magnet for excellent bass, whizzer cone for extended treble. Cloth roll construction. Handles up to 40 watts. 8 ohms. A great sounding full-fidelity speaker. 40-1340 ..... 16.95



### Speaker Controls



**1.99**  
Each



*Easy to Install!*

**A Switch.** Selects sound from front, rear or both. 40-540 ..... 1.99

**B Volume Control.** Variable, balances sound between front & rear speakers. 40-550 ..... 1.99

## Low-Priced Auto Speakers for "Better Than Original" Replacement

**A 3½" with Dust Cover.** Fits tight places—ideal for in-dash installation! 3-oz. ceramic magnet. 4 watts, 8 ohms. Easy to install—pre-mounted dust cover, 2 mounting ears. 40-1333 ..... 5.99

**B 4x6" Heavy-Duty Replacement.** Big speaker value for car or console. 5.5-oz. ceramic magnet structure provides excellent bass response. 8 ohms. Dozens of uses! 40-1298 ..... 6.95

**C Universal 5x7".** Ideal size for import or compact cars. 3-oz. ceramic magnet, whizzer cone for high frequencies. 10 watt power capacity. Multi-impedance—4, 8 or 16 ohms. A great buy! 40-1261 ..... 7.99

**D 6x9" Wide-Range.** Great for any player or radio, reverb or rear deck setups. 5-oz. ceramic magnet, 10-watt capacity, 4, 8 or 16 ohms. No soldering required. 40-1268 ..... 8.99

**E 6x9" Oval Speaker.** Great sound for auto, home or extension use. Durably constructed with 1.0-oz. permanent magnet. 3.4 ohms impedance. Low-cost way to revamp just about any sound system! 40-1269 ..... 4.99

**F 6x9" Universal Rear Deck Kit.** Ideal for all car radios, players. 5.5-oz. magnet, volume/balance control. 10 watts. 8, 10, 20 or 40 ohms. With chrome-plated grille, wiring harness, hardware. 40-1222 ..... 12.95

**G Low-Cost 6x9" Rear Deck Kit.** Easy to install—buy two for great car stereo! Includes an efficient 6x9" speaker magnet with Alnico V magnet, handsome metal grille, volume/balance control, wire, all mounting hardware, and illustrated instructions. 3.4 ohms impedance. 5 watts. 40-299 ..... 7.95

## Coaxial and Full-Range Speakers 20-Oz. Magnet



**A 6x9" Full Range.** 20-oz. magnet and 30-watt RMS capacity. Mechanically-coupled whizzer cone. High-temperature voice coil. 8-10 ohms. 40-1000 ..... 19.95

**B 6x9" Coaxial.** Woofer and separate tweeter for sensational sound! Built-in crossover. 20-oz. magnet and 30-watt RMS capacity. 8-10 ohms. 40-1001 ..... 24.95

## Speaker Grilles Ready for Custom Mounting in Your Car

**A 6x9" Molded Rear Deck Grille.** Attractive non-glare charcoal finish. Complete, ready to mount. 6½x9½x¾". 40-1337 ..... 3.99

**B 8" Aluminum Speaker Grille.** For mounting speaker in wall, ceiling, car doors or kick panels. Easy to install. 40-1223 ..... 3.99

**C 4x10" Rear Deck Grille.** No exposed screw heads—it looks factory installed. Non-glare charcoal finish. 5½x11x¾" overall size. 40-1338 ..... 3.99

**D 6x9" Chrome Grille.** Heavy duty with gleaming satin-chrome finish. Even at this low price you get hardware, templates and instructions. 40-1174 ..... 2.59



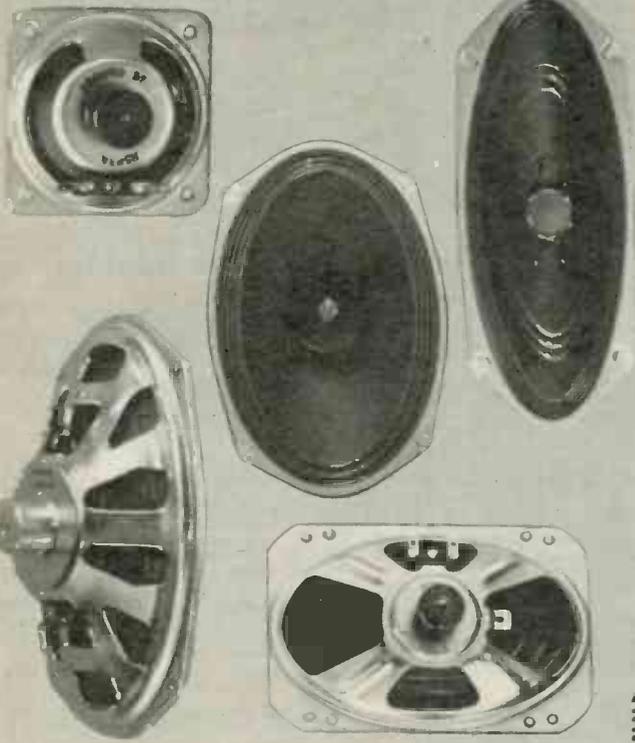
**E 5" Molded Grille.** Easy to install on fire wall, kick panels or rear deck. All hardware, template and instructions included. 40-1291 ..... 1.89

# Shop "The Shack"® for Your Replacement Speakers

## Low-Cost, Top-Quality Realistic® Home and Auto Replacement Speakers

- Excellent for Extension Use
- Great Replacements for Car Radios and Stereo Tape Players
- Long-Lasting Rigid Frame Construction
- Powerful Alnico-V and Ceramic Magnets for Wide-Response Sound
- Made in USA by or for Radio Shack for Top Value and Quality

Realistic speakers are ruggedly constructed for premium service in both auto or home applications. They're equipped with flange mounting holes for instant installation, and all have a rigid metal basket for proper voice coil and magnet alignment. Alnico-V and ceramic magnets provide a high flux-density for good bass. We've got one of the widest selections of top-quality speakers available, so you're sure to find the one you need at your nearby Radio Shack!



Cat. No.	Speaker Size	Magnet Ounces	Capacity, Watts	Ohms	Each
40-1201	3"	.68	3	3.4	3.99
40-1202	3½"	.68	3	3.4	3.99
40-1203	4"	.55	3	3.4	4.69
40-1205	5"	.55	4	3.4	4.79
40-1240	5"	2.35	5	8	5.79
40-1241	5¼"	2.35	8	8	5.99
40-1207	6"	.68	5	3.4	4.99
40-1242	6"	2.35	6.5	8	6.49
40-1209	5x3"	.55	4	3.4	4.49
40-1210	4x6"	.68	4	3.4	4.79
40-1211	5x7"	.68	4	3.4	4.99
40-1905	6"	1.47	6	4/8/16	5.99
40-1214	4x10"	2.15	8	4/8/16	7.95
40-1243	4x10"	5.50	9	4/8/16	8.59
40-1215	5x7"	1.47	7	4/8/16	7.95
40-1216	6x9"	1.47	8	4/8/16	7.95



### 8-Ohm Direct Replacements

For Transistor Radios, Walkie-Talkies

**1.59** Each

- Alnico PM "thin" speakers.
- 2¾" 40-262 ..... 1.59
  - 2½" 40-247 ..... 1.59
  - 2¼" 40-246 ..... 1.59
  - 2" 40-245 ..... 1.59



### 8" Round Speaker

Separate Whizzer Cone

**4.99**

Ideal for replacing old speakers, adding new ones anywhere. 1.47-oz. magnet.

40-1271 ..... 4.99



### 8" Speaker Special

5-Oz. Ceramic Magnet

**6.95**

Good bass, excellent highs. For TV, phono, console replacement uses. 8 ohms impedance. 40-1272 ..... 6.95

## Quality Replacement Speakers for Consoles, Radios, Phonos, Low-Cost Hi-Fi



**8.49**

### 12" Full-Range Design

Handles 30 watts. Has a ceramic magnet structure and internal dust seal to protect voice coil. 50-11,000 Hz. Free-air resonance. 40 Hz. 8 ohms.

40-1200 ..... 8.49



**12.95**

### 8" Round Coaxial Speaker

Only 2¾" deep. 3" pre-wired tweeter and crossover for easy installation. 3-oz. ceramic magnet. 50-17,000 Hz. Free-air resonance, 55 Hz. 8 ohms.

40-1226 ..... 12.95

### 8" Dual-Cone

**8.59**



Baked lacquer finish, whizzer cone tweeter, 8" round woofer, 3-oz. ceramic magnet. 8 watts. 40-12,500 Hz. Free-air resonance, 55 Hz. 8 ohms. 40-1232 ..... 8.59



**5.49**

### 3½" Square Tweeter

Basket has sealed back to protect cone. Electronic crossover (non-polarized capacitor) at 4500 Hz. 2000-16,000 Hz. 10 watts. 8 ohms. 40-1224 ..... 5.49

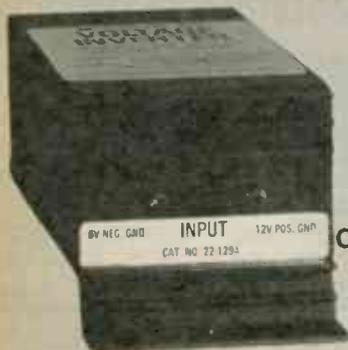
### 3-Way 12" Coaxial Speaker

**23.95**

Coaxially-mounted tweeter and mid-range with crossovers. 10-oz. ceramic magnet. 35-17,000 Hz. Free-air resonance, 55 Hz. 16 watts (30 peak). 8 ohms. 40-1230 ..... 23.95



# Radio Shack® — Electronic Auto Accessory Center



## DC Voltage Inverter

**1995**

Converts -6 VDC  
or +12 VDC  
to -12 VDC

**Completely Isolates Circuit — No Shorting Even at An Antenna**

Use 12-volt equipment in your 6-volt vehicle! Or change the polarity of your 12-volt positive ground system. Inverter features dual input capability: converts either 6-volt negative ground or 12-volt positive ground to standard 12-volt negative ground. Delivers up to 3 amps of power. Fuse protected against overload. Anodized aluminum case measures only 6x2½x2¾" — use or mount it almost anywhere. 22-129 ..... 19.95

## Car Tape Player/CB Mounts

Add New Safety  
and Security

Low As **199**

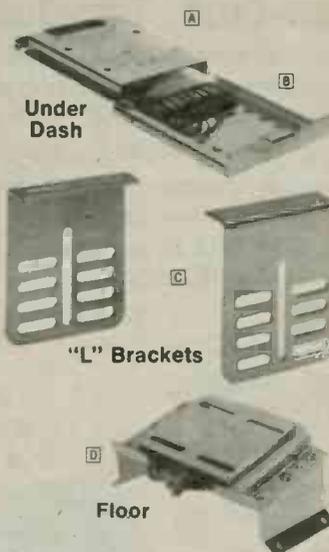
**Discourage Theft of Your Player When Car is Unattended — Low-Cost Security**

**A B Under Dash Mount.** Makes it easy to remove your tape player or CB for use at home or for safe keeping. Female unit (B) attaches to player and slides on or off male unit (A) instantly. Male unit permanently bolts under dash of your car. 270-016 ... 7.95

**C Extra Male Mount for Above Combination.** Lets you use the same tape player (with female unit attached) in a second car. 270-019 ..... 3.95

**D L-Brackets.** For permanent mounting of equipment at lowest cost. Specially slotted to fit any car, any tape player or CB. 270-022 ..... Pair, 1.99

**E Floor Mount.** For use where space is inadequate for under-dash mounting. Features the same instant slide-on/off insertion and removal as under dash mount above. 270-018 ..... 7.95



## 12 VDC Power Cord For Walkie-Talkies

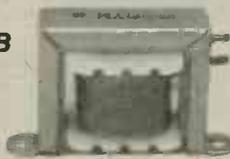
**299**

**Fits Lighter Socket**

8-ft. cord and cigarette lighter adapter for 12 VDC negative ground — allows you to use walkie-talkies and most cassette recorders in your car. Fused. 270-1533 ..... 2.99

## Car Radio Noise Eliminator Kit

**A Must for Mobile Stereo/CB Installations**



Low As **199**

Improves reliability of CB and AM/FM reception by suppressing ignition and alternator noise. Easily installs in ignition line — no difficult spark plug connections to make. With choke, capacitor, illustrated instructions.

Standard Kit. 270-020 ..... 1.99  
Heavy-Duty, High Current Kit. 270-030 ..... 2.59

## DC Auto Adapter

**895**



• Reduces 12 Volts to 6 or 9 Volts  
• Plugs Into Lighter Socket

Power transistor radios, tape recorders, walkie-talkies from your car. Four output plugs (miniature, subminiature, 2 power jacks) fit most units having power connection. 6/9-volt switch; reversible polarity. 300 mA. 6" cord. 270-1561 ..... 8.95

## Auto Lighter Plug



**89¢**

Lets you power DC accessories directly from your car cigarette lighter socket. Just plug 'em in!  
Lighter Plug. 274-331 ..... 89¢  
Lighter Plug with 8' Cord. 270-021 ..... 1.49

## Spark Plug Noise Suppressors

**69¢**  
Each



Removes ignition noise from your car radio.

**A Straight-Type.** 270-012 ..... 69¢  
**B Right-Angle-Type.** Excellent for close-fitting installations. 270-013 ..... 69¢

## Car Stereo Cable Assembly



**495**

**Fits Most Tape Players**

Five-pin plug fits most car stereo tape players, or use it to connect a car system in your home. Speaker leads are color coded, and an inline fuse with holder is included. 17' cord. 270-014 ..... 4.95

## Power Connector Cord

**149**



**For Standard 5-Pin Connections**

Standard power connector fits tape players and stereo radios with 5-pin connections. 2-foot color-coded speaker and power leads, 2-amp fuse and inline fuse holder. Easy hookup. 270-041 ..... 1.49

## Power Connector Cord



**199**

**Change Pin Pattern to Fit Any Set**

Universal power connector fits most tape players and most stereo radios with 4 or 5-pin connections. With color-coded speaker and power leads, inline fuse holder and data for 4/5-pin connections. 270-017 ..... 1.99

## Auto Panel Switches

Low As **99¢**

SPST toggle switches, rated 5A at 12 VDC. Screw terminal connections. Flexible 1" levers.

**A Double Switches.** For under-dash mounting. Black finish panel — 2¾" wide, tapers to 2", ¾" depth. 275-702 ..... 2.19

**B Single Switch.** Heavy-duty. 275-701 ..... 99¢



**5-Pin Stereo Plug**  
**49¢** Easy Hookup

Compact, orderly connection for your stereo radio or tape deck. 274-1210 ..... 49¢

## Auto Speaker Selector Switch

**198**



**Play Radio or Tape from the Same Pair of Car Speakers**

Designed so you can use one pair of speakers for connection to two stereo sources. Switch selects either radio or tape sound. With color-coded leads and instructions. 270-045 ..... 1.98

# Car Stereo Speakers for Every Need, Every Budget

## SURFACE-MOUNT SPEAKERS

- Install Them in Minutes – No Openings to Cut!
- Mount on Doors, Rear Deck, Under Dash or Seat!
- Molded Enclosures Resist Scuff Marks and Are Easily Wiped Clean with a Damp Cloth!
- Simple to Remove and Reinstall In Your Next Car!
- Include All Mounting Hardware and Instructions!

## FLUSH-MOUNT SPEAKERS

- For Permanent, Professional-Looking Installations!
- Include "Retainer Rings" for Instant Mounting without Removing Upholstery Panels!
- Mount Inside Doors or in the Rear Deck of Car!
- Complete with Templates, Speaker Grilles, All Mounting Hardware and Illustrated Instructions!



### Our Finest Car Speaker Systems

#### SURFACE-MOUNT

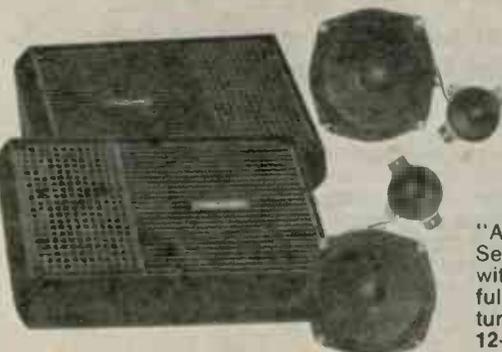
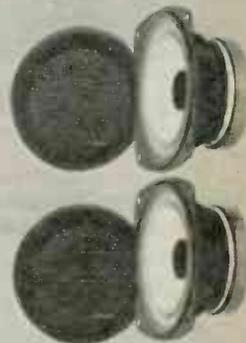
**37<sup>95</sup>**  
Pair  
*Deluxe 2-Way Systems*

"At-home" fidelity in your car! Separate 5" woofers and 2" tweeters with sealed backs give deep, powerful bass and extended treble. Feature sturdy, molded housings.  
12-1847 ..... Pair 37.95

#### FLUSH-MOUNT

**29<sup>95</sup>**  
Pair  
*Acoustic Suspension Design*

Heavy-duty 5" speakers feature massive 2-lb. magnet structures, 1" voice coils. Thick cross-section allows precise alignment. Snap-mount, molded vinyl grilles, durable metal frames.  
12-1848 ..... Pair 29.95



### Acoustic Suspension Speaker Systems

#### SURFACE-MOUNT

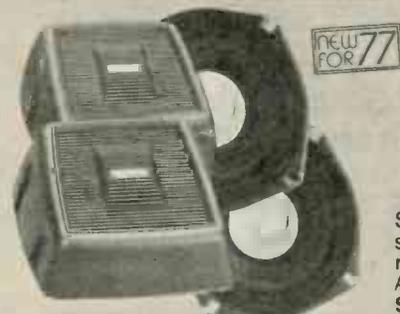
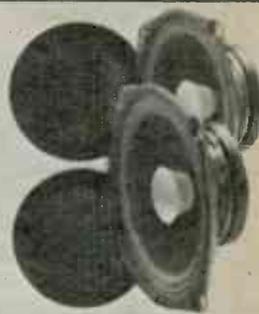
*Molded Plastic Housings*

**24<sup>95</sup>**  
Pair

#### FLUSH-MOUNT

*Padded Vinyl Grilles*

Super systems that turn your car into a "sound theater." The acoustic suspension speakers have 5 1/4" dual cone speakers with 8 oz. magnets for bass response rivaling that of component hi-fi systems. Cloth-roll construction for durability. Add prestige sound to any car.  
Surface-Mount. 12-1849 ... Pair 24.95 Flush-Mount. 12-1845 ..... Pair 24.95



### Deluxe Dual-Cone Systems at Low Cost

#### SURFACE-MOUNT

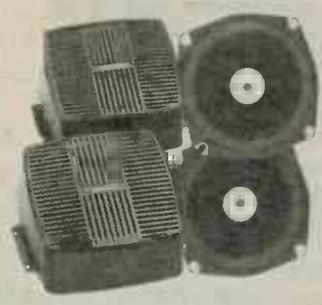
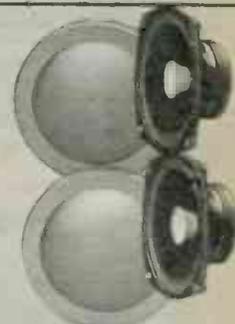
*Compact Molded Housings*

**14<sup>95</sup>**  
Pair

#### FLUSH-MOUNT

*Sturdy Chrome Grilles*

Wide response 5 1/4" dual-cone speakers with powerful 4 1/4 oz. magnets for truly impressive car stereo. Whizzer cones and corrugated construction for durability. Choose surface or flush-mounts — both install easily and add miles of listening pleasure to any car stereo system.  
Surface-Mount. 12-1844 ... Pair 14.95 Flush-Mount. 12-1843 ... Pair 14.95



### Low-Priced, Space-Saving Speakers

#### SURFACE-MOUNT

*Compact Molded Housings*

**9<sup>95</sup>**  
Pair

#### FLUSH-MOUNT

*Molded Plastic Grilles*

An economical way to add fine sound to any car. Small enough to fit even sub-compact autos. Heavy-duty, ceramic-magnet speakers. Molded 3" surface-mounts "hang-on" easily. 5" flush-mounts give a custom look, include "instant-mount" retainer rings for installation without removing panels.  
Surface-Mount. 12-1852 ... Pair 9.95 Flush-Mount. 12-1851 ... Pair 9.95



# Realistic® Has the Newest in Car Entertainment



**No Adapter Required—  
Insert and Remove  
8-Tracks and Cassettes  
Instantly**



**2-in-1 Car Stereo Plays BOTH  
8-Track Cartridges and Cassettes**

**99<sup>95</sup>**

**NEW  
FOR 77**

Available Oct. 30, 1976

- **Value!—Like Two Players for the Price of One**
- **Simple "One Slot" Loading • Dual Eject Controls**

Now a single player lets you enjoy *everything* in car tapes. Choose from the vast selection of music tapes plus the educational tapes available on cassettes. Features pushbutton cartridge/cassette eject, cassette locking fast forward, automatic or pushbutton cartridge program change with indicator lights, plus a separate light to show when a cassette is playing. Insertion of any tape automatically starts the player. Sliding tone and balance controls, rotary volume control, 8-watt stereo amplifier. For under dash mounting. 12 VDC negative ground. 2<sup>3</sup>/<sub>4</sub>x7<sup>1</sup>/<sub>4</sub>x7<sup>1</sup>/<sub>2</sub>". 12-1837 ..... 99.95



**Compact  
— Only  
1<sup>1</sup>/<sub>16</sub>x6x5"**

**"Super Small" Deluxe  
FM Stereo Radio**

**69<sup>95</sup>**

- **Fits Under Any Dash**
- **For Any 12-Volt System**

Four tiny integrated circuits contribute to the small size of this radio, but there's nothing small about the way it sounds. It has an 8-watt stereo amplifier, sliding balance and tone controls, lighted dial with FM stereo indicator, stereo/mono switch and built-in AFC for the best reception from all stations, even a polarity switch for negative or positive ground. 12-1368 ..... 69.95

**In or Under-Dash AM Radio**



**24<sup>95</sup>**

- **Built-In 4" Speaker**
- **3-Ganged Tuner, 7 Tuned Circuits**

**"Factory  
Installed"  
Quality at a  
Fraction  
of the Price!**

Fits in dash of many cars, under dash of any car and works with any negative or positive ground 12-volt system. Features High/Low tone switch and lighted dial, rotary tuning and volume controls, built-in speaker for excellent sound. At this low price, there's no reason to drive "alone" any more! 1<sup>3</sup>/<sub>4</sub>x5<sup>1</sup>/<sub>2</sub>x6<sup>3</sup>/<sub>8</sub>". 12-1344 ..... 24.95

**Budget-Priced Universal AM/FM Radio**

**Easy  
Under  
Dash  
Mounting**



**49<sup>95</sup>**

- **Large Built-In Speaker • Tone Control Switch**

Priced way below "factory installed" models, but with the same features and sound. Pushbuttons for FM, AM, High and Low tone. Even has a jack for adding an external speaker. Works with any 12 VDC system, positive or negative ground, and will fit almost anywhere! Only 1<sup>7</sup>/<sub>8</sub>x6<sup>3</sup>/<sub>8</sub>x7<sup>1</sup>/<sub>4</sub>". 12-1341 ..... 49.95

**"Universal"  
Because You  
Can Use It in  
Virtually  
Any Car!**

**Radios and Tape Players Include All Mounting Hardware and Instructions**

# Everything in Car Sound and Accessories

NEW FOR 77

## Automotive FM Booster



17<sup>95</sup>

Improves  
FM and  
FM Stereo  
in Fringe  
Areas



Over 6 dB amplification! Brings in more FM stations, more clearly. Really great when out on the highway where you need all the signal you can get. And it doesn't affect AM reception either. Press button and panel lights up as booster turns "on". Press again and it's "off". For 12 VDC positive or negative ground. With hardware, instructions. Easy plug-in hookup. 12-1873 ..... 17.95

**Ultracompact,  
Mounts  
Anywhere—  
Only 1x3½x2⅜"  
Including  
Bracket**

## "Super Small" FM Converter

New Low  
Price

34<sup>95</sup>



- Add FM to Any AM Car Radio • For Any 12 VDC System
- Sensational 2- $\mu$ V Sensitivity • Lighted Dial

Was \$37.95 in 1976 catalog. IF circuit features one IC and a ceramic filter. Built-in AFC to stop drift, automatic polarity switching from negative to positive ground if necessary. Tucks neatly under the dash of any car. With adapter plug for easy hookup without rewiring—uses your present AM antenna. 1½x4½x5". 12-1345 ..... 34.95

## Quatravox® 4-Channel Car Adapter

- Get 4-Channel Effects from FM Stereo or Tape
- Fits Under Dash • With 18' of Speaker Cable

9<sup>95</sup>

Makes stereo sound even more realistic! Just add Quatravox and two extra speakers to your present car stereo for "surround sound" listening pleasure. Three volume controls let you balance all 4 speakers for the effect you want, or listen to front only or rear only. Mounting hardware and instructions included. Requires no DC power! 1¼x5¼x2¼". 12-1874 ..... 9.95



## There's a Realistic® Antenna for Every Car and Truck



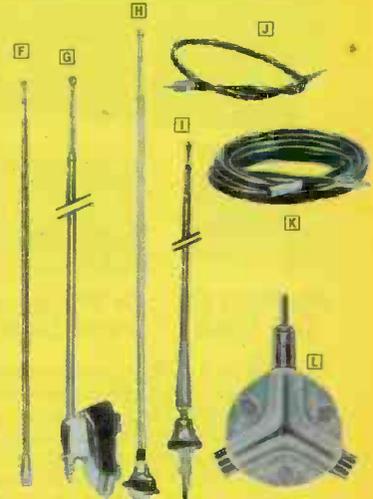
- Ⓐ Replaces broken masts. Fits over "stub". Specially tuned for FM stereo. Tapered stainless steel. 31" long. With two locking screws. 12-1316 ..... 3.49
- Ⓑ For top cowl or fender mounting on most cars. One-piece stainless steel mast, 31" long. 48" cable. 12-1329 ..... 6.99
- Ⓒ Heavy-duty 4-section mast extends from 16¾" to 57". For top cowl or fender. Adjusts 35°. Big base. 54" cable included. 12-1302 ..... 5.69
- Ⓓ Top-cowl mount for '67-'74 VW's. For AM or FM. 3 sections extend from 12½" to 30¼". 42" cable. 12-1304 ..... 3.79
- Ⓔ Universal "8 ball" top-cowl or fender mount. 35° adjustment. 3 sections extend from 21¼" to 55". 54" cable. 12-1306 ..... 3.69
- Ⓕ Universal replacement mast fits over stub. 3 sections extend from 22¾" to 53". With two locking screws. 12-1309 ..... 2.59
- Ⓖ Deluxe chrome side cowl mount. 15° adjustment. Great for trucks, vans, buses. 3 sections adjust from 21¼" to 57". 12-1308 ..... 4.49

- Ⓗ Universal air-foil, top cowl or fender mounting. Chrome finish. Adjusts 35°. 3 sections extend from 21" to 56". 48" low-loss cable. 12-1328 ..... 4.59

- Ⓙ Stainless steel spring, swivel-ball mount for top cowl or fender. 3 sections extend from 25¾" to 55". Adjusts 90°. 48" low-loss cable. 12-1307 ..... 5.99

### "Extra-Shielded" Cables With Fittings

- Ⓕ 24" extension cable. 12-1312 ..... 1.09
- Ⓖ 12'. Built-in capacitor. 12-1311 ..... 3.09
- Ⓖ 24" male/male connector. 12-1314 ..... 1.09
- Ⓖ Universal 3-way connector. Connects dual front and rear antennas to one radio or one antenna to two radios. 12-1313 ..... 1.69



# 8-Track Players Way Below Factory-Installed Prices

NEW FOR 77

## Stereo FM Radio/8-Track Player



**99<sup>95</sup>**

- Easy Under-Dash Mounting
- "Flip" Switches for Program Repeat, Fast-Forward and Stereo/Mono

This 2-in-1 entertainer combines "at-home" audio fidelity and mobile convenience. Its sliding volume, balance and tone controls are accurate and easily accessible. Other features are positive-action switches for fast-forward and-for "repeat," which provides continuous replay of any selected program. The radio has an integrated circuit, stereo/mono switch for best reception from all stations, a switch for radio "on", plus an illuminated slide-rule dial with FM stereo indicator light. 2 1/2 x 7 x 7 1/4". 12-1830 ..... 99.95

## 8-Track Player with AM/FM Stereo



**129<sup>95</sup>**



Mount It IN  
The Dash

Or Mount It  
Under Dash

- FM Local/Distant Switch.
- Tape Program Select/Repeat

A beauty of a bargain, and very versatile. The control shafts adjust horizontally from 5 9/16 to 6 9/32" apart to custom-fit most cars for a professional, factory-installed look. Or you can mount it under the dash. Features lighted tape program indicators, cartridge eject, lighted radio dial with FM stereo indicator, separate tone, balance and volume controls, and the FM local/distant switch that allows you to tune in even weak stations. Includes an extra trim plate for in-dash mounting. 2 1/2 x 7 3/8 x 7 1/2". 12-1835 ..... 129.95

## Compact 8-Track Tape Player



Was **49<sup>95</sup>** in 1976 Catalog

What a buy — now everybody can easily afford car stereo! Volume, balance and tone controls, lighted program indicators, manual or automatic program change. 2 1/4 x 5 1/2 x 6 7/8". Installs under dash in just about any vehicle! 12-1819 ..... 39.95

**NEW LOW PRICE**  
**39<sup>95</sup>**

## "Super Small" Stereo for Compact Cars



For VW's and Sports Cars —  
Or Any Subcompact

**59<sup>95</sup>**

Fits where others won't — under dash, seat or in many gloveboxes. Only 1 7/8 x 4 5/8 x 6 3/4", but delivers stereo to rival the "big ones"! Sliding volume, balance and tone controls for quick, easy adjustment. Lighted program indicators and pushbutton program change. 12-1802 ..... 59.95

## Stereo-8 Player with Built-In Quatravox®



**69<sup>95</sup>**

Switch from two speakers to four for the added realism of surround-sound effect! Powerful amplifier, thumbwheel controls, pushbutton program change, program indicator lights, 4/2-channel speaker switch and a headphone jack that lets passenger listen privately. Under dash mounting. 6 1/4 x 6 x 2 5/8". 12-2024 ..... 69.95

**Quatravox  
Enhances Stereo  
Tapes with a  
4-Channel Effect**

# Realistic® Car Stereo Cassette Tape Players

Compact, Low-Cost Player



Fits  
Almost  
Anywhere

**49<sup>95</sup>**

Cheats on space, but not on sound! And it's easy to operate: a cassette inserted sideways starts the player and an indicator shows it's "on." Pushbutton eject turns player "off," too. Sliding volume, balance and tone controls plus locking fast-forward. Only 2<sup>1</sup>/<sub>4</sub>x6<sup>1</sup>/<sub>8</sub>x6<sup>1</sup>/<sub>2</sub>". 12-1816 ..... 49.95

## Mini-Sized, Full-Featured Player



**69<sup>95</sup>**

- Auto Eject for Convenience, Safety
- Locking Fast-Forward and Rewind

Our smallest cassette player delivers impressive stereo. And it features a single control for fast-forward, rewind and eject, sliding volume, balance and tone controls and a tape play indicator. Just insert cassette and player starts — Auto Eject turns motor off and disengages cassette. Tiny 1<sup>3</sup>/<sub>4</sub>x6<sup>7</sup>/<sub>16</sub>x6<sup>7</sup>/<sub>8</sub>". 12-1812 ..... 69.95

## Automatic-Reverse Cassette Player



Up to 2 Hours of  
Hands-Free Stereo

**99<sup>95</sup>**

Just slide in a tape for continuous stereo. Lock-in fast-forward or rewind and at tape's end, player stops, reverses, and plays other side. Pushbutton control lets you change tape direction — arrows show direction. Thumb-wheel volume, balance and tone controls. Pushbutton eject turns player off. 2<sup>3</sup>/<sub>4</sub>x7x6<sup>7</sup>/<sub>8</sub>". Under dash mounting. 12-1813 ..... 99.95

## Stereo AM/FM Radio with Cassette Player

NEW  
FOR 77



Mount It IN  
The Dash

Or Mount It  
Under Dash

Adjustable Control-  
Knob Shafts — Fits in  
Dash of Most Cars and  
Trucks

**139<sup>95</sup>**

Put it in your dash for a "factory-installed" look at way below factory-installed prices. Or you can mount it under the dash, if you prefer. And it's loaded with features: pushbuttons for local/distant FM, tape eject and fast forward, FM stereo indicator light, lighted dial and tape play indicator; and controls for on-off/volume, balance, tone and tuning. Control-knob shafts are adjustable from 5<sup>7</sup>/<sub>8</sub> to 6<sup>3</sup>/<sub>32</sub>" apart, and an extra trim plate is included. 2<sup>9</sup>/<sub>16</sub>x7<sup>3</sup>/<sub>8</sub>x7<sup>1</sup>/<sub>2</sub>". 12-1836 ..... 139.95

## Cassette Player/FM Stereo Combination



Was **109<sup>95</sup>** in 1976 Catalog

**NEW LOW  
PRICE 99<sup>95</sup>**

- Stereo/Mono Switch
- FM Stereo Indicator
- Locking Fast-Forward and Rewind Buttons

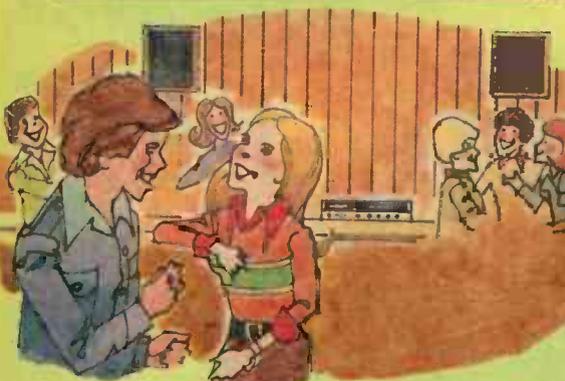
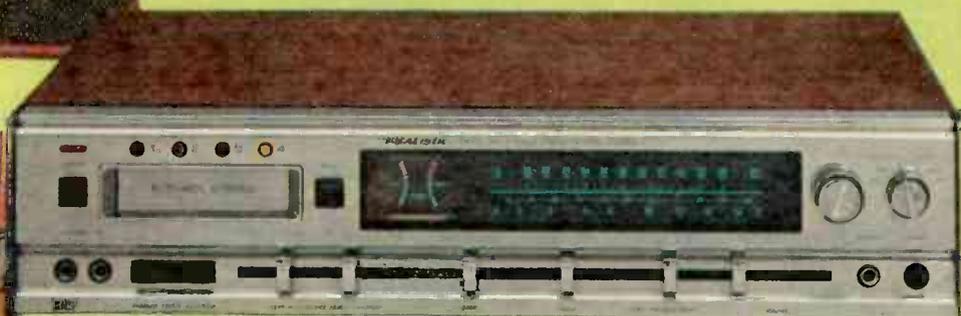
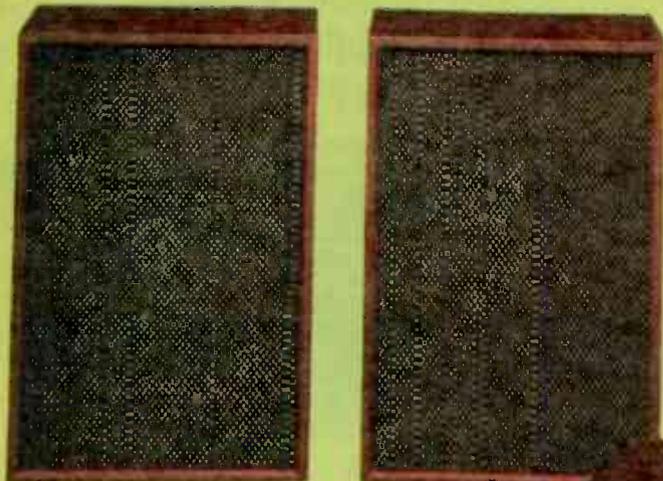
Just insert a cassette sideways and the player starts — instantly. A green light signals the end of tape. Pushbutton eject eliminates fumbling to remove cassettes, and shuts off the player, too. Sliding volume, balance and tone controls are easier to adjust and they give you a visual reference of settings. Other features are lock-in fast-forward and rewind pushbuttons, mono/stereo switch, lighted dial and radio on/off button. Only 2<sup>3</sup>/<sub>4</sub>x7<sup>1</sup>/<sub>2</sub>x8". Ready for under dash mounting. 12-1815 ..... 99.95

All Realistic Tape Players Have 8-Watt Stereo Amplifiers and Operate on 12 VDC Negative Ground

# 8-Track/AM/FM Stereo Record/Play Systems

## Realistic's Best 8-Track System Has the Big Features You Want

**Realistic Modulaire®-8A.** Features galore at a budget price. Play or record tapes, tune FM stereo or AM. You get great sound on all of them. And "Sing-Along" even lets you add your voice to tapes as you record them off-the-air or from your record changer! Glide-Path® bass, treble, balance, volume, left and right record level controls; pushbuttons for power on/off, pause, fast forward, program-select and Auto-Stop at end of program-4. Dual VU recording level meters. Receiver has a stereo FM indicator light and built-in antennas. For thrilling 4-channel effects, just add an extra pair of speakers to the Quatravox® terminals. Mike, phono and aux inputs, stereo headphone jack. Walnut grained vinyl veneer cabinetry, 5x22x11½". Matched air-suspension speaker systems, 14x9½x4½" each. U.L. listed. 14-921 ..... 199.95



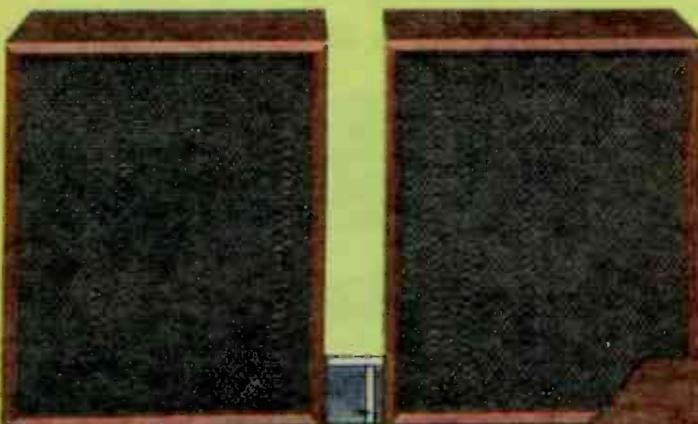
**Record Your Own Stereo Tapes for Your Car!**

- Separate Bass and Treble Controls
- Pause Control - Edit as You Record
- Phono and Aux Inputs • Quatravox

**199<sup>95</sup>**

## A Complete Record/Play System At a New Low 1977 Price

**Realistic Modulette®-808.** Was \$179.95 in 1976 Catalog. Listen to FM stereo, AM, pre-recorded tapes, or record your own at a fraction of the cost. 8-track deck has lighted program indicators, auto/manual program change, end-of-tape Auto-Stop, mike inputs, automatic recording level for correct-volume tapes without adjustments! Receiver has stereo indicator, lighted dial, built-in antennas. Volume, balance and tone controls. Headphone jack. Walnut grained vinyl veneer. 4½x18½x10¼". Speakers, 5x8¼x10". U.L. listed. 14-945 ..... 159.95



- Phono Input - Add a Ceramic-Cartridge Stereo Changer Anytime
- Quatravox Lets You Add 2 Extra Speakers for Synthesized 4-Channel

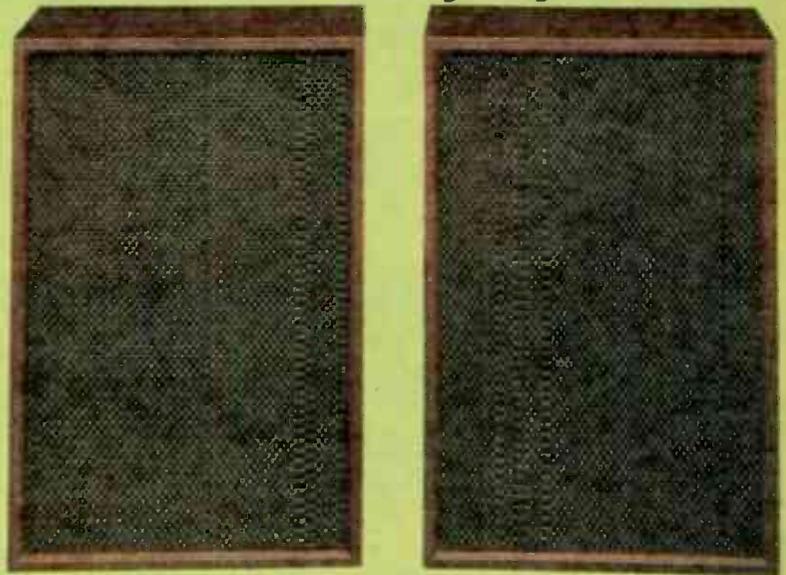
**159<sup>95</sup>**

# Superb Realistic® Stereo Record/Play System

## Cassette Record/Play Deck With AM/FM Stereo

*Record Your Own Voice Along with the Top Stars!*

**Realistic Modulette®-939.** What a system! Play pre-recorded stereo cassettes or record your own. Tune AM, FM and FM stereo. Sing-Along lets you use optional microphones to add your own voice to tapes as you record them—record your own voice along with your favorite artists! Dual illuminated VU meters with Glide-Path® sliding controls for easy adjustment of recording level. Front-loading cassette deck has lever switches for all functions including fast-forward, rewind, play and pause. Auto-Stop at end of tape, plus a digital counter to help organize your recordings. Tuner has stereo indicator light, AFC on FM, built-in antennas. With input for ceramic-cartridge changer, mike and headphone jacks, separate volume, balance and tone controls. You can even connect two extra speakers to the Quatravox® terminals for 4-channel effects from stereo sources. Attractive walnut grained vinyl veneer cabinetry. Cassette deck, 4½x22x11¼". Speakers, 14x9½x4½". U.L. listed. 14-907 ..... **199.95**



Illuminated VU Meters With Glide-Path Controls



Flip-Lever Tape Controls



5-Way Source Selector



Front-Loading Mechanism With Stop/Eject Control



Digital Counter



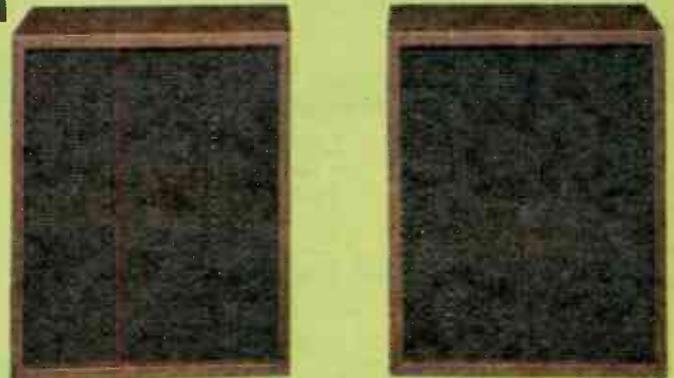
Left & Right Mike Jacks

# 199<sup>95</sup>

- Add Your Own Voice to Tapes as You Record Them
- Separate Controls for Balance, Tone and Volume
- Input for Ceramic-Cartridge Changer

## Low-Cost 8-Track Recorder System

**Realistic TR-80.** An awful lot for the money! It's a versatile stereo control center with dual volume controls, tone control, 2 mike jacks, stereo headphone jack, and inputs for adding a ceramic-cartridge changer or a tuner. Plays automatically, or changes programs instantly at the touch of a button. Auto-Stop in record mode. Automatic level control for proper recording volume—without adjustments. Matched speaker systems deliver rich, room-filling sound. Lighted program indicators make it easy to locate any selection on a tape. Attractive walnut grained vinyl veneer cabinetry. Control center, 3½x13x9¾". Speakers, 9¾x8x5½". With speaker cables. U.L. listed. 14-942 ..... **99.95**



**Inputs for Phono and Tuner!**

# 99<sup>95</sup>

- Play Your Car Tapes at Home
- Record New Tapes to Play in Your Car • Auto-Stop
- Wide-Range Speaker Systems

# Add 8-Track Recording to Your Stereo System

## Our Finest Record/Playback 8-Track Stereo Deck



**Records with Ease,  
Plays with Fidelity**

- Digital Timer Banishes "Blind" 8-Track Recording
- Automatic Eject Button
- Dual Lighted VU Meters
- Convenient Program-Repeat & Continuous-Play Modes

# 149<sup>95</sup>

**Realistic® TR-801.** Every feature for the best in 8-track recording and playback. Tape directly off-the-air, copy records or make "live" recordings using the mike inputs. A unique digital timer shows minutes and seconds used on a cartridge. There are pushbuttons for continuous play and program repeat; Auto-Stop at end of Program-4 or after each program, both in playback and record. Pushbutton cartridge eject, program change, fast forward and pause. Dual VU meters and left and right channel Glide-Path® level controls assure precise recording results. Green-light program indicators and red-glow on VU meters during record, orange glow during play. A control on rear panel lets you match output level from deck to input level requirement of receiver or amplifier. Response, 50-12,000 Hz. Wow and Flutter, 0.2%. Walnut grained vinyl veneer case, 5½x16½x10¼". U.L. listed. 14-925 ..... **149.95**

### "Pro" Feature Record/Play Deck At an Easy-to-Tape Price



# 99<sup>95</sup>

- Build Your Own 8-Track Library for Home or Car
- Left and Right Channel VU Meters and Level Controls
- Auto-Stop Control

**Realistic TR-882.** The recordings you make with this deck will save you money and satisfy your audio tastes. Record from any external source—even "live" using the mike inputs. Insert cartridge to activate deck, withdraw for complete shutoff. Recording is easy with features like Auto-Stop that stops tape after Program-4 to prevent accidental erasure. Lighted dual VU meters and level control assure correct recording levels. Pushbuttons for fast forward, program change, record interlock and pause. Lighted indicators for record and tape program. Output level control matches deck to input requirement of your receiver or amplifier. Response, 50-10,000 Hz. Wow and Flutter, 0.2%. Walnut grained vinyl veneer. 3¾x13¼x8¾". U.L. listed. 14-944 ..... **99.95**

### Low-Cost 8-Track Record/Play Deck With Automatic Level Control



# 79<sup>95</sup>

- The Essentials for "Live" & External-Source Recordings
- Auto-Stop • Program Selector
- Lighted Indicators for Tape Program, Record, Auto-Stop

**Realistic TR-700.** Built-in automatic level control provides precise recording levels—no need to adjust microphone or auxiliary input recording levels. A rear panel output level adjustment matches any receiver or amplifier. Mike input jacks on front panel for "live-action" stereo recordings. Just insert a blank cartridge and press the record button. A record indicator lights up to show which track is being recorded or played. Program change button lets you change the program at any point during operation. And, in the Record mode, the tape automatically stops at end of Program-4 to prevent accidental erasures. Walnut grained vinyl veneer. 4½x8½x11¼". U.L. listed. 14-930 ..... **79.95**

# Realistic® Stereo Tape Decks for Every Budget

Low-Cost Cassette Record/Play Deck  
With Great Features, Top Performance



40-10,000 Hz Frequency Response  
Low 0.25% Wow and Flutter

## 99<sup>95</sup>

- Left and Right VU Meters
- Glide-Path® Level Controls
- Piano-Type Control Keys
- Pause Control • Auto-Stop

**Realistic SCT-10.** One of the best recording values around. Easy-to-operate piano-style keys for all functions including on/off, pause, rewind and locking fast forward. Record-play interlock prevents accidental erasure. Press stop/eject key once to disengage functions, a second time to eject cassette. Hi-torque DC-powered motor assures exact tape speed and Auto-Stop prevents damage to tape and heads at end of cassette reel. Adjustable output level matches any receiver or amplifier. 3-digit resettable counter. Stereo headphone jack. Walnut grained vinyl veneer end panels with brushed aluminum trim. 4<sup>1</sup>/<sub>16</sub>x14<sup>7</sup>/<sub>8</sub>x8<sup>3</sup>/<sub>4</sub>". U.L. listed. 14-886 . . . . 99.95

Cassette Record/Play Deck That's Easy to Use —  
With Automatic Level Control

- Records at Correct Volume Without Any Adjustments
- Auto-Stop • Digital Counter

## 79<sup>95</sup>

**Realistic SCT-12.** The features you need for making your own cassette recordings from radio, TV or "live" using the mike inputs. Easy-to-use piano-type keys. Fast forward and rewind for convenience in playback and record. Pause key allows easy cueing and editing. Record-play interlock prevents accidental erasures. Press stop/eject key once to shut off unit, a second time to eject cassette. The resettable 3-digit counter lets you gauge tape remaining and tape used — especially helpful during recording sessions. Auto-Stop turns off everything — electrically and mechanically — at end of cassette. Adjustable output level. Walnut grained vinyl veneer case with brushed aluminum trim. 3<sup>1</sup>/<sub>16</sub>x5<sup>3</sup>/<sub>4</sub>x8<sup>3</sup>/<sub>4</sub>". U. L. listed. 14-900 . . . . . 79.95



Stereo 8-Track  
Playback Deck

Stereo Cassette  
Playback Deck

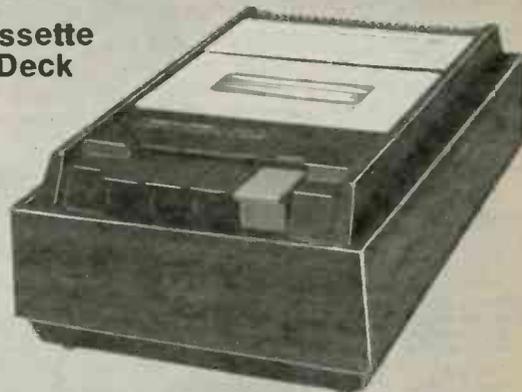


The Perfect  
Stereo System Add-Ons!

Your Choice **49<sup>95</sup>** Each

- Plays All Stereo 8-Track Cartridges
- Program Select Button
- Output Level Controls

**Realistic TR-167.** Insert a cartridge to turn the deck on, remove to turn it off. Automatically switches programs, or just push a button for instant program change. Program indicator lights for selection convenience. Output level controls for each channel to match your receiver or amplifier. Response, 50-10,000 Hz. Attractive walnut grained vinyl veneer cabinet. 7x10x4". U.L. listed. 14-1920 . . . . . 49.95



**Realistic SCP-1.** Plug this into your stereo system and enjoy pre-recorded cassettes. Pop-up cover has a "pocket" for easy loading. Piano keys for play, rewind, fast forward plus two-step stop/eject. Auto-Stop prevents damage to tape and heads. Adjustable output level on rear panel matches deck to any amplifier or receiver. Attractive simulated walnut grain finish case. And it's only 3<sup>1</sup>/<sub>2</sub>x5<sup>1</sup>/<sub>2</sub>x8<sup>1</sup>/<sub>2</sub>". U.L. listed. 14-892 . . . . . 49.95

See Pages 34 and 35 for a Complete Selection of Microphones

# Cassette Record/Play Decks — Ideal Add-Ons



## Stereo Cassette Tape Deck With Dolby and Auto-Stop

**149<sup>95</sup>** *Deluxe Features, Economy Price*

**Realistic® SCT-14.** Now you can make superb Dolbyized stereo recordings—without spending a lot. Dolby noise reduction circuitry really solves the problem of tape "hiss," and it's switchable so you can record and play tapes in Dolby or normal mode. A bias-select button lets you get optimum results from either CrO<sub>2</sub> or standard cassettes. Dual VU meters and Glide-Path® level controls make good recordings easy. Push-push keys for record, rewind, fast forward, play, pause and stop. Special eject button allows quick cassette change. For a professional touch, the rear edge of the deck is angled forward so you can easily see the meters, resettable digital counter, and the indicator lights for record, Dolby and CrO<sub>2</sub>. Out-front mike and headphone jacks. Scaled output level control on top. Response: 40-13,000 Hz. Wow & Flutter: <0.2%. Simulated walnut grain finish on end panels. 3½x11½x9". U.L. listed. 14-848 ..... **149.95**

**Both with DOLBY\* Noise Reduction for the Best in Recording!**

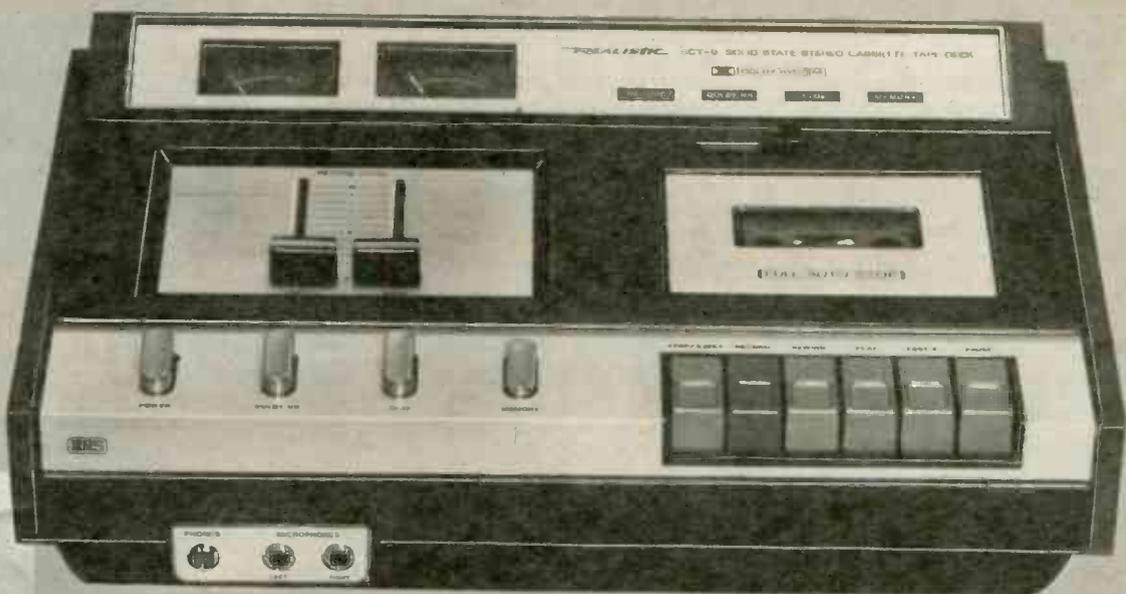
\*\*\*Dolby\*\* is a trademark of Dolby Laboratories, Inc.

**NEW FOR 77**

## Our "Top" Top-Loading Stereo Deck

**199<sup>95</sup>**

- 30-15,000 Hz Response
- Hysteresis Synchronous Motor for Uniform Speed



**Realistic SCT-9.** Loaded with features, but you don't have to be technically minded to make the most of them. Dolby\* dramatically reduces "hiss" to let you record and play "silent" passages without noise—and it's switchable for standard recordings. Bias switch for finest results from either CrO<sub>2</sub> or regular tapes, too. Automatic memory counter returns tape to any preselected point—great for transcribing music and quick "retakes." Indicators light up to show record, Dolby, CrO<sub>2</sub> and memory functions. Illuminated dual VU meters and Glide-Path level controls allow precise recording levels. Adjustable preamp output level. Mike, aux and headphone jacks, digital counter, pause control. Walnut grained vinyl veneer end panels. U.L. listed. 14-889 ..... **199.95**

### SPECIFICATIONS

Response (with CrO<sub>2</sub> tape): 30-15,000 Hz ±3 dB. Wow & Flutter: <0.14 (typical). Signal-to-Noise (CrO<sub>2</sub> tape with Dolby "in"): -54 dB. Tape System: 4-track stereo. Input Sensitivity: Mike, -70 dB, 0.8 mV; Aux., -20 dB, 100 mV. Output Impedance: Less than 10,000 ohms. Output Level: Adjustable to 0.775 volt, maximum. Recording Bias: 105 kHz. Erase System: 105 kHz, AC. Crosstalk: Better than -55 dB. Size: 4¾x14¾x9½". Power Requirement: 120 VAC, 60 Hz.

**Memory Rewind Returns Tape to Any Position at End of Play**

**Bias Switch For Best Results from Standard or CrO<sub>2</sub> Tapes**

**Dolby Circuitry Reduces Tape "Hiss," Extends Dynamic Range**

**Auto-Stop at End of Tape Prevents Damage to Tape and Heads**

# Superb Front-Loading Record/Play Deck with Dolby\*



## Our Finest Stereo Cassette Deck — A Giant Step Forward for Your System

*The Deck You Can "Stack"  
or Install Between Shelves!*

**229<sup>95</sup>** A "Record"  
Value



Lighted 2½x5½" Front-Loading Compartment for Real Convenience



Extra-Large Lighted VU Meters with Color-Coded Scales



CrO<sub>2</sub> Tape Bias Selector for Best Results with CrO<sub>2</sub> and Standard Tapes



Dolby System for Record/Play and FM Record or Listen

### You Can Also Use It to Decode Dolby FM Stereo Broadcasts

**Realistic® SCT-11.** Great from every standpoint—record/playback fidelity, convenience and ease of operation, appearance, and price! Adds "total" Dolby to your stereo system: reduced tape hiss, extended dynamic range—you can even enjoy Dolby FM, broadcast in many cities, by jacking into the tape monitor circuitry included in most stereo receivers. You'll appreciate the easy access front-loading system. The compartment is lighted and the cassette remains in view during operation. Full Auto-Stop protects tape and heads. All the basic function and level controls are on the front panel in a logical, attractive arrangement. Push-levers for pause, fast forward, play, rewind, record and stop/eject. Bias-equalization switch gets optimum results from either CrO<sub>2</sub> or standard tape. Pushbuttons for Dolby noise reduction and Dolby FM give you plenty of flexibility. The extra-large, lighted VU meters are impressive and precise. A dual concentric knob lets you individually adjust the left and right channel recording levels. Up-front mike jacks. (When only the left channel is plugged in, the deck automatically records in mono on both channels!) Headphone jack and scaled output level control are in front, too. Dolby FM calibration controls on rear panel. Bright colored indicator lights for CrO<sub>2</sub>, Dolby and record functions. Includes case with simulated walnut grain finish. Brushed aluminum front panel. Equipped with rear panel DIN jack. U.L. listed. 14-849 ..... **229.95**

**SPECIFICATIONS.** Response (with CrO<sub>2</sub> tape): 30-15,000 Hz ±3 dB. Wow & Flutter: Less than 0.2% (<0.12% typical). Signal-to-Noise (CrO<sub>2</sub> tape with Dolby "In"): -58 dB. Tape System: 4-track stereo. Input Sensitivity: Mike, -68 dB, 0.25 mV; Aux, -20 dB, 80 mV; DIN, -52 dB, 2 mV. Output Impedance: Preamp Out & DIN, 10,000 ohms; Headphone, 8 ohms. Output Level: Adjustable to 0.775 volt maximum. Recording Bias: 100 kHz. Erase System: 100 kHz, AC. Distortion at 0 VU: less than 2% (1% typical). Crosstalk Between Tracks: Better than -55 dB. Size: 5 1/16x15 1/16x10 1/16". Power Requirement: 120 VAC, 60 Hz.

\*Dolby is a trademark of Dolby Laboratories, Inc.

**Radio Shack—56 Years of Value, Service and Reliability**

# Realistic® Portable Stereo 8-Track Players



3-WAY POWER  
BATTERIES  
12-V  
ELECTRIC

Perfect for Den, Dorm or Outdoor Listening!

## Combination Stereo! 8-Track Player with Deluxe AM/FM Stereo Radio

The Battery/AC Portable with Every Feature for Great Sound

99<sup>95</sup>

- Ceramic Filters on AM and FM
- "Wide-Scope" Stereo Switch
- Lighted Program Indicators
- Built-In AFC for Drift-Free FM

Concertmate®-8. Take along your favorite tapes, tune AM/FM or FM Stereo—anywhere! Twin 3½" speakers deliver the rich sound you'd expect only from component stereo. And the special stereo Normal/Wide switch provides extra-rich stereo depth and separation. Other extras include separate left and right slide-type volume controls, Hi/Low tone switch, FM stereo indicator light, stereo headphone jack, pushbutton On/Off and a choice of power sources—batteries, AC or 12 VDC with optional adapter. Built-in AM, telescoping FM antennas. With AC cord, swivel carrying handle. Molded case, 8½x15½x4½". Requires 8 "D" cells. U.L. listed. 14-920 ..... 99.95  
12 VDC Car/Boat Cord. 270-1533 ..... 2.99



3-WAY POWER  
BATTERIES  
12-V  
ELECTRIC

Take it Along for Music Anywhere!

## Battery/AC 8-Track Player Stereo for Travel or Table!

59<sup>95</sup>

- "LED" Program Indicators
- Stereo Headphone Jack
- Full-Range Tone Control

Realistic PORTIPLAY®-8. Four tiny IC's, incorporating the equivalent of hundreds of separate parts, make this portable light, rugged and great-sounding! It features two large 4½" high-efficiency speakers and rear-vented enclosures, automatic or pushbutton program change with bright LED program indicators that cut battery drain, separate volume, balance and tone controls, DC adapter jack and a molded case that'll take the hard knocks of portable use. 7x17x5". With AC cord. U.L. listed. Requires 8 "D" cells. 14-918 ..... 59.95  
12 VDC Car/Boat Cord. 270-1533 ..... 2.99

## 8-Track Player with AM/FM — "Tote-ally" Brilliant Idea in a 2-Piece Portable

- Radio is Separate for Added Versatility
- Uses Batteries or Built-In AC Line Cord

59<sup>95</sup>

Fun lovin' portable for picnics, beach, parties, camping—or play it on ordinary house current at home or in the dorm! Speakers in each half of case separate up to 6' for full sound. Stereo tape player has "LED" program indicators for low battery drain, program-select and program-playing buttons. AM/FM switch, separate volume controls for each speaker. Monophonic radio has built-in AM and telescoping FM antennas. Convenient carry handle. Molded case, 7¼x7x4½". With AC cord. U.L. listed. Requires 6 "D" cells. 14-910 .... 59.95



new FOR 77



Speakers Separate

for Full Stereo Realism



# Cassette/Radio Combos for Home and On-the-Go



NEW FOR 77



99<sup>95</sup>

## Digital AM/FM Clock Radio/Cassette Recorder

**Realistic Chromatic®.** Start the day off right—wake to cassettes, AM or FM radio. Play pre-recorded tapes or record your own off-the-air as you listen. Recorder features automatic level control for perfect volume recordings every time, end-of-tape Auto-Stop so you can fall asleep to a whole cassette without recorder or tape damage, pop-up cassette stop/eject, pushbutton controls including fast forward and pause, Glide-Path® tone and volume controls. Radio has AFC for drift-free FM, beat switch to eliminate AM "whistle," illuminated dial, built-in antennas. Clock radio has large, flip-type numerals, set-it-once 24-hour alarm, snooze button, 60-minute automatic shutoff. Jacks for remote control, microphone, aux and earphone. 4x12<sup>3</sup>/<sub>4</sub>x7<sup>1</sup>/<sub>2</sub>". Simulated walnut grain trim with smoke-tinted acrylic front panel. U.L. listed. 14-903 ..... 99.95

- Rise 'n Shine to Cassettes, AM, FM or Buzzer Alarm
- 24-Hour Full-Feature Digital Clock
- Automatic Recording Level Circuit
- Set it to Record While You're Away or During the Night—Never Miss a Favorite Radio Program Again

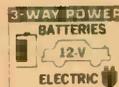
NEW FOR 77

## "Triple-Play" Recorder with AM/FM and Built-In Mike



*Sensitive Radio for Complete All-in-One Versatility!*

89<sup>95</sup>



- Speaker Monitor Switch Lets You Record Off-The-Air as You Listen
- Sliding Volume and Tone Controls
- Perfect-Volume Automatic Level Control

**Realistic® CTR-38.** Play pre-recorded cassettes, tune FM and AM, record off-the-air or make "live-action" tapes with sensitive built-in condenser mike. So versatile, it plays on batteries, AC or external power. Auto-Stop, battery meter, sliding volume and tone controls, AM/FM and radio/tape selectors, pushbutton tape controls, including pause, fast-forward and stop/eject. Telescoping antenna, speaker monitor and AM beat switches, jacks for remote, external mike, line in, earphone, AC power and optional 12VDC adapter. 6<sup>3</sup>/<sub>4</sub>x11<sup>1</sup>/<sub>4</sub>x3". With AC cord. U.L. listed. Requires 4 "C" cells.

14-838 ..... 89.95  
12VDC Car/Boat Adapter. 14-844 ..... 6.95

## Compact Portable AM/FM/Recorder

NEW FOR 77



89<sup>95</sup>



- Built-In Condenser Mike Captures Even Weak Sounds
- Auto-Level for Perfect-Volume Tapes with No Adjustment



**Realistic Minisette® IV.** Perfect for "on location" taping anywhere—in your car, in lectures or business meetings. Or record off-the-air as you listen. Battery-saving "sleep" function lets you fall asleep to music and shuts off radio automatically. Has tape Auto-Stop, digital counter, push-button tape controls, LED battery indicator, built-in AFC, built-in AM and telescoping FM antennas. Jacks for external mike, remote control, earphone or external speaker, 12VDC or AC adapters. 4<sup>1</sup>/<sub>2</sub>x8<sup>1</sup>/<sub>4</sub>x2<sup>1</sup>/<sub>4</sub>". Requires 4 "AA" cells. 14-831 ..... 89.95  
AC Adapter. U.L. listed. 14-854 ..... 5.95  
12VDC Car/Boat Adapter. 14-844 ..... 6.95

# Your Best Buy is a Realistic® Cassette Portable



## Low-Cost Portable with Built-In Mike

*Auto-Level for Perfect Volume Voice Recordings*

*Pushbuttons for All Functions, Including Rewind and Fast-Forward*



# 29<sup>95</sup>

**Realistic CTR-34.** Features sensitive condenser microphone, jacks for remote mike, aux, earphone, AC and DC adapters. 2½x5¼x9½". Includes 4 "C" cells. 14-843 ..... 29.95  
 AC Adapter. U.L. listed. 14-854 ..... 5.95  
 12 VDC Car/Boat Adapter. 14-844 ..... 6.95

## Battery/AC Portable with Auto-Stop

*Built-In Condenser Mike Picks Up Voices from Anywhere In Most Rooms*



# 39<sup>95</sup>

**Realistic CTR-29.** Auto-Level gives perfect-volume recordings, and Auto-Stop in play and record modes saves tape, batteries and recorder. Pushbutton controls. Inputs for aux, earphone, DC adapter, external mike. 10x5½x2¾". With AC cord. U.L. listed. Requires 5 "C" cells.

14-835 ..... 39.95  
 12 VDC Car/Boat Adapter. 14-844 ..... 6.95



Get one \$1.59-value C-60 Cassette for only 1¢ when you buy any recorder marked with this symbol



This Offer Good at Participating Radio Shack Stores and Dealers



## Micro Miniset Pocket Secretary

# 59<sup>95</sup>

- Simple 3-Button Controls
- Built-In Condenser Mike
- Auto-Level Control
- Auto-Stop Function



**Mini-Cassettes: 30-Minutes Total Playing Time from a Matchbook-Size Tape!**

Get One \$2.95-Value Mini-Cassette for Only 1¢ When You Buy This Recorder



NEW FOR 77

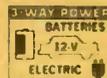
**Realistic Micro Miniset.** Just the thing for taking audio notes and dictation. You can operate the Play, Record, Rewind buttons and the thumbwheel volume control with just a thumb and forefinger. Sensitive condenser mike picks up even faint sounds and Auto-Level sets the recording volume for you. Jacks for external mike, earphone and AC adapter. "LED" battery warning light. 5⅞x2⅞x1⅞". Uses new "Mini-Cassettes" with 15 minutes playing time per side. Includes carrying case, 9 V battery. 14-814 ..... 59.95  
 AC Adapter. U.L. listed. 65-731 ..... 4.95

NEW FOR 77

## All-Purpose Cassette Recorder

# 59<sup>95</sup>

Switchable Auto-Level



**Cue/Review Rapidly Locates Any Part of Tape - Audibly, and Without Releasing Play Key, So It Returns to Play**

**Realistic CTR-36.** The features for fine recording, anywhere. Sensitive condenser mike is built-in and switchable Auto-Level permits both perfect-volume voice tapes and wide-range music tapes. End-of-tape Auto-Stop, pushbutton controls — including pause, battery/record level meter, digital counter and slide-type volume and tone controls. Jacks for mike, aux input and DC adapter. 10¾x6½x2¾". With AC cord. Requires 4 "C" cells. U.L. listed. 14-845 ..... 59.95  
 12 VDC Car/Boat Adapter. 14-844 ..... 6.95

# Realistic® Cassette Portables for Every Need

## Pocket Recorder with Cue and Review



RECORD FAMILY EVENTS  
TAPE YOUR "NOTES"  
USE IT ON-THE-GO

- Auto-Level Circuit
- Condenser Mike

**79<sup>95</sup>**

Realistic Miniset®-5. Cue/Review rapidly & audibly locates any part of tape, without releasing play button. "LED" battery and record indicators, earphone and remote mike jacks, battery eject button. 5<sup>3</sup>/<sub>4</sub>x1<sup>3</sup>/<sub>4</sub>x4<sup>3</sup>/<sub>8</sub>". With 4 "AA" cells. 14-832 ..... 79.95

AC Adapter. U.L. listed. 14-854 ..... 5.95  
12 VDC Car/Boat Adapter. 14-844 ... 6.95



NEW FOR 77

3-WAY POWER BATTERIES 12V ELECTRIC



3-WAY POWER BATTERIES 12V ELECTRIC

**89<sup>95</sup>**

## Our Finest, Full-Feature Portable

- Built-In Condenser Mike • Jack for External Mike
- Pause Button for "Click-Free" Editing as You Record

Realistic CTR-33. The ultimate in portable cassette convenience. Auto-Level assures perfect-volume recordings, and Cue/Review gives you audible rewind and fast-forward — without releasing the Play button. Speaker monitor switch, digital counter, record level/battery condition meter, end-of-tape Auto-Stop, volume and tone controls. Jacks for aux input, external speaker/earphone, DC adapter. 7x11<sup>3</sup>/<sub>4</sub>x3<sup>1</sup>/<sub>2</sub>". With AC cord. U.L. listed. Requires 4 "D" cells. 14-829 ..... 89.95  
12 VDC Car/Boat Adapter. 14-844 ..... 6.95

## Compact Cassette Recorder with "Full-Sized" Features

NEW FOR 77

- Auto-Level Circuit
- Auto-Stop Function
- 3-Digit Counter
- Sensitive Built-In Condenser Mike

**69<sup>95</sup>**



Realistic CTR-39. Ideal for taping "talking notes, minutes and letters." Jacks for remote-mike, earphone/speaker. "LED" battery condition/record indicator, pause control. 4<sup>1</sup>/<sub>4</sub>x6<sup>3</sup>/<sub>4</sub>x2". Includes 4 "AA" cells. 14-819 ..... 69.95  
AC Adapter. U.L. listed. 14-854 ..... 5.95  
12 VDC Car/Boat Adapter. 14-844 ..... 6.95

3-WAY POWER BATTERIES 12V ELECTRIC

## AC/DC Portable with Cue and Review



3-WAY POWER BATTERIES 12V ELECTRIC



**69<sup>95</sup>**

*Cue/Review Rapidly Locates Any Section of Tape in Fast-Forward or Rewind — Without Releasing Play Key*

Realistic CTR-21. One of the best portables around. Besides the convenience of total end-of-tape Auto-Stop, Auto-Level sets the recording volume for you. And the sensitive built-in condenser mike picks up even faint sounds. Also has digital tape counter, battery condition/record level meter, jacks for aux, earphone/external speaker and remote mike. 2<sup>1</sup>/<sub>16</sub>x9<sup>1</sup>/<sub>16</sub>x6<sup>1</sup>/<sub>16</sub>". With AC cord. U.L. listed. Requires 4 "C" cells. 14-827 ..... 69.95  
12 VDC Car/Boat Adapter. 14-844 ..... 6.95

## Total "Tape Anywhere" Convenience

- Full Auto-Stop
- Auto-Level Circuit
- Digital Tape Counter

**79<sup>95</sup>**

3-WAY POWER BATTERIES 12V ELECTRIC



Realistic CTR-30B. Built-in condenser mike, record level/battery meter, jacks for earphone/speaker, aux, remote mike. 7<sup>1</sup>/<sub>2</sub>x10x3". With AC cord. U.L. listed. Requires 4 "C" cells. 14-836 ... 79.95  
12-VDC Car/Boat Adapter. 14-844 ..... 6.95

*Cue/Review for Rapid Location of Any Segment of Recording*

For External Remote-Control Microphones, See Pages 33-34

# Shop Radio Shack® for All Your Recording Tape

## Supertape® Lab Standard 8-Tracks



- Special Oxide for Super Linear Response
- Extended Dynamic Range • Low Noise

You can't buy a better cartridge. You'll get the best performance from any 8-track recorder! Super sensitivity, flat response to within 2.5 dB from 20-18,000 Hz, high signal-to-noise ratio and reduced "hiss" — for pro-quality recordings. Fine-grain oxide coating reduces head wear and "drop-outs," and a special lubricant helps the tape move freely. Tough tensilized Polyester base resists stretching and breaking. Stock up at Radio Shack's low "quantity" prices.

### Great Specs Make Supertape Super

Base Material	Tensilized Polyester
Base Thickness	19 μ
Back Coating (Graphite)	0.96 μ
Coercivity (Hci)	285 Oersted
Retentivity (Br)	1300 Gauss
Squareness (Br/Bm)	0.74

Low As  
**199**  
45 Min.

Cat. No.	Total Recording Time	EACH			
		1-11	12-24	25-49	50-Up
44-842	45 minutes	2.59	2.29	2.09	1.99
44-843	90 minutes	3.29	2.99	2.79	2.69

### Check These Specifications

Base Material	Tensilized Polyester
Base Thickness	22 μ
Back Coating (Graphite)	0.96 μ
Coercivity (Hci)	264 Oersted
Retentivity (Br)	1300 Gauss
Squareness (Br/Bm)	0.74

## Economical Realistic 8-Tracks

*Our Own Special Formula Oxide Coating Improves High Frequency Response and Signal-to-Noise Ratio*

Record your own cartridges from any source at low cost. A highly uniform oxide coating assures extended high frequency response — you'll hear less "hiss" and more music. Friction-reducing lubricant moves tape freely through recording mechanism for increased tape life and reduced head wear. Tough tensilized Polyester base resists breaks and stretches and is unaffected by age and humidity. Your recordings will retain true-to-life fidelity for years. And at our low "quantity" prices it's smart to stock up — the more you buy, the more you save!

Low As  
**149**  
40 Min.

Cat. No.	Total Recording Time	EACH			
		1-11	12-24	25-49	50-Up
44-840	40 minutes	1.99	1.79	1.59	1.49
44-841	80 minutes	2.49	2.29	2.09	1.99



## 3-Pack CONCERTape® Cassettes

**HIGH QUALITY, LOW COST!**

Buy at "Quantity Prices" for Real Savings!

Low As  
**189**  
C-30 3-Pack

Great choice for voice and general-purpose recordings. Use shorter tapes for "voice-letters," longer tapes for concert-length recordings. All are made of heavy-duty Polyester to resist breakage and stretching while giving you extra-wide response. Stock up at low Radio Shack "quantity" prices.

Cat. No.	Type	Recording Time Each Cassette	EACH 3-PACK	
			1-11	12-Up
44-606	C-30	30 minutes	2.09	1.89
44-607	C-60	60 minutes	2.99	2.69
44-613	C-90	90 minutes	3.99	3.59
44-614	C-120	120 minutes	4.95	4.49

C-30  
3-Pack

C-60  
3-Pack

C-90  
3-Pack

C-120  
3-Pack

# Realistic® Recording Cassettes—Why Pay More?

## Supertape Cassettes Have Super Specs\*

Sensitivity .....  
 C-45 ..... +0.3 dB @ 333 Hz  
 C-60 ..... -0.9 dB @ 6.3 kHz  
 C-90 ..... -1.0 dB @ 10 kHz  
 C-120 ..... -1.3 dB @ 10 kHz  
 Frequency Response .....  
 -1.2 dB @ 6.3 kHz  
 -1.3 dB @ 10 kHz  
 Relative Signal-to-Noise .....  
 +0.9 dB  
 Output at 3% THD ..... +0.4 dB

\*Reference DIN Standard

## Wide Range Supertape Cassettes

- Wide Dynamic Range—Resists Overload Distortion
- Improved Sensitivity for Full-Range Response

Supertape with super linear response—one of the finest tapes in the world! It captures your recorder's top performance—without special bias settings. High output dramatically reduces hiss and distortion, while Radio Shack's carefully controlled coating process produces a "glassy" smoothness. Smaller oxide particles minimize tape and head wear, reduce recording "drop-outs", provide superior sensitivity and produce a flat, uniform response of  $\pm 3$  dB from 20-13,000 Hz. Tensitized Polyester base increases tape life and dependability.



Cat. No.	Type	Total Recording Time	EACH			
			1-11	12-23	24-47	48-Up
44-617	C-45	45 minutes	2.09	1.89	1.69	1.39
44-615	C-60	60 minutes	2.49	2.29	1.99	1.59
44-616	C-90	90 minutes	2.99	2.79	2.59	1.99
44-628	C-120	120 minutes	3.59	3.29	3.09	2.49

Low As  
**139**  
 C-45



Hinged Plastic Storage Case

## Realistic Low-Noise Cassettes

- High Frequency, Wide Dynamic Range
- A Length for Every Tape Recording Need

These general-purpose cassettes are perfect for recording from any source: phonos, off-the-air, mikes or recorders. With high output, low noise, extended response, and a housing that's the envy of the industry—you know they're fine quality! Double-flanged idler rollers and stainless steel pins reduce wow and flutter, and a nickel-alloy shield prevents hum pickup. Graphite-coated, heavy-duty slip-sheets assure smooth winding and even tension without static buildup. Tensitized Polyester base is extra durable—resists stretching and breaking.

### The Specs You Need for Low Noise\*

Sensitivity .....  
 C-30 ..... -0.2 dB @ 333 Hz  
 C-60 ..... -3 dB @ 6.3 kHz  
 C-90 ..... -4.6 dB @ 10 kHz  
 C-120 ..... -4.6 dB @ 10 kHz  
 Frequency Response .....  
 -2.8 dB @ 6.3 kHz  
 -4.4 dB @ 10 kHz

Relative Signal-to-Noise .....  
 -2.4 dB

Output at 3% THD ..... -2 dB

\*Reference DIN Standard



Hinged Plastic Storage Case

Low As  
**89¢**  
 C-30

Cat. No.	Type	Total Recording Time	EACH			
			1-11	12-23	24-47	48-Up
44-601	C-30	30 minutes	1.19	1.09	.99	.89
44-602	C-60	60 minutes	1.59	1.49	1.29	1.19
44-603	C-90	90 minutes	2.09	1.89	1.69	1.59
44-604	C-120	120 minutes	2.49	2.19	1.99	1.79

## Chromium Dioxide Cassettes

- Full Frequency Response
- Eliminate Hiss
- Increase Signal-to-Noise Ratio

One of the greatest advances in tape recording since the cassette itself. Made especially for cassette recorders equipped with special "bias switch", these tapes set laboratory standards! With superior sensitivity and low distortion, plus the wider frequency range and better signal-to-noise ratio, you get reel-to-reel fidelity along with cassette convenience. (Not recommended for cassette recorders without CrO<sub>2</sub> tape bias setting.)

Cat. No.	Type	Total Recording Time	EACH			
			1-11	12-23	24-47	48-Up
44-618	C-60	60 minutes	2.99	2.79	2.49	2.19
44-619	C-90	90 minutes	3.99	3.79	3.49	2.99

Low As  
**219**  
 C-60



Hinged Plastic Storage Case

## Micro-Miniature Cassette

The Ultimate in Miniature Recording Convenience!

**295**

NEW FOR 77



About half the size of conventional cassettes! Developed especially for our Micro-Minisetete Recorder (#14-814). With plastic case.

Cat. No.	Total Recording Time	EACH	
		1-9	10-Up
44-633	30 minutes	2.95	2.49

Radio Shack's Recording Tape is Made in the USA in Our Own Factory

# SUPERTAPE® — The Ultimate Open-Reel Recording Tape

- Special-Formula Oxide Coating for Super Linear Response
- Fewer Dropouts, Super Sensitivity, Minimum Head Wear
- Wide Dynamic Range — Resists Overload Distortion

Going first class in recording tape doesn't cost much at Radio Shack, because Supertape is made in our own USA factory! It brings out the best sound from any recorder — without special bias settings. High output dramatically reduces hiss and distortion. Our carefully-controlled coating process produces smaller oxide particles and therefore a "glassy" smoothness which minimizes tape and head wear, reduces recording "dropouts", provides superior sensitivity and produces a flat, uniform response. Tough Mylar base with extra resilience and resistance to humidity.

## \*Great Specs Make Supertape the Best

Noise	-1.4 dB
Signal-to-Noise Ratio	-3.7 dB
Response at 15 kHz	+0.4 dB
Output at 1% THD	+1.3 dB
Coating Thickness, Mil	0.42
Coercivity (Hci)	305 oersteds
Retentivity (Br)	1516 gauss
Squareness (Br/Bm)	0.82
*Relative to 3M 207.	

Low As  
**229**  
Each  
(5" Reel)

Cat. No.	Reel Size	Feet	Mil	Base	Each	
					1-9	10-Up
44-1872	5"	900	1.0	Mylar	2.69	2.29
44-1878	7"	1200	1.5	Mylar	3.99	3.69
44-1877	7"	1800	1.0	Mylar	4.79	4.19
44-1879	7"	2400	0.5	Tensitized Mylar	6.49	5.29

# Realistic® Tape — Durable and Economical

## \*Fine Specifications at Low Prices

Noise	+0.4 dB
Signal-to-Noise Ratio	+0.8 dB
Response at 15 kHz	-1.1 dB
Output at 1% THD	-1.4 dB
Coating Thickness, Mil	0.19 (44-766)
	0.40 (All others)
Coercivity (Hci)	267 oersteds (44-766)
	264 oersteds (others)
Retentivity (Br)	1253 gauss (44-766)
	1313 gauss (others)
Squareness (Br/Bm)	0.75
*Relative to 3M 207.	

A high quality reel-to-reel recording tape for music or voice tapes with excellent fidelity. Highly uniform oxide coating assures extended high frequency response and improves signal-to-noise ratio. Our own special formula coating combined with friction-reducing lubricant increases tape life, reduces head wear. Tough Mylar base lasts for years of repeated playing without growing brittle. Tensitized Mylar base resists breaks and stretching and is unaffected by age or humidity. Made by our own factories in the USA — and to our own high standards.

Cat. No.	Reel Size	Feet	Mil	Base	Each			
					1-5	6-9	10-49	50-Up
44-733	2 3/4"	300	0.5	Tens. Mylar	.89	.79	.69	.59
44-734	3"	225	1.0	Mylar	.79	.69	.62	.56
44-760	3 1/4"	600	0.5	Tens. Mylar	1.39	1.09	1.05	.95
44-735	5"	600	1.5	Mylar	1.59	1.49	1.39	1.19
44-753	5"	900	1.0	Mylar	1.99	1.89	1.79	1.69
44-736	7"	1200	1.5	Mylar	2.59	2.39	2.19	1.99
44-754	7"	1800	1.0	Mylar	3.29	3.09	2.99	2.69
44-758	7"	2400	0.5	Tens. Mylar	4.19	3.89	3.59	3.19
44-766	7"	3600	0.5	Tens. Mylar	5.99	5.69	5.39	4.99

- Choose from All Lengths
- Mylar or Tensitized Mylar
- For All Types of Recording



POLYESTER 1800 FEET  
POLYESTER POLYESTER  
POLYESTER POLYESTER  
**CONCERTAPE**  
POLYESTER RECORDING TAPE  
POLYESTER POLYESTER  
POLYESTER SUPER STRENGTH  
POLYESTER POLYESTER  
POLYESTER POLYESTER

## CONCERTape® — Quality at Low Cost

Low As  
**139**

- Tough Polyester Base
- 1800' Tape on 7" Reel

Great for voice and general-purpose recording at low cost — ideal for off-the-air tapings. 1-Mil base of heavy-duty Polyester resists breaking and stretching while giving you extra-wide response.

Cat. No.	Each			
	1-2	3-9	10-49	50-Up
44-1018	1.95	1.79	1.59	1.39

## Tensitized CONCERTape®

Extra Strong  
Low As  
**139**  
Each  
(5" Reel)

Tensitized, pre-stretched polyester Concertape is just the thing for recording concert-length tapes off-the-air. Buy in quantity and really save!

Cat. No.	Reel Size	Length	Mil	Each			
				1-2	3-9	10-49	50-Up
44-1059	5"	1200'	0.5	2.19	1.99	1.79	1.39
44-1060	7"	2400'	0.5	3.29	2.99	2.69	2.19
44-1061	7"	3600'	0.5	4.99	4.49	3.99	3.49

## Stock Up with Our "6-Pack" Tape Special



Up to 30 Minutes Playing Time on Each 3'x250' Reel

Cat. No.	Each (6-Packs)			
	1-2	3-9	10-49	50-Up
44-1056	1.95	1.85	1.75	1.49

# Tape Equipment Care and Cleaning Accessories

## Cassette and Reel-to-Reel Tape Head Demagnetizer



**Keeps Your Recorder in Peak Condition**

**4<sup>95</sup>**

Protect your investment! Pencil-shaped head demagnetizer works on both cassettes and open-reel recorders. Reduces hiss and distortion, maintains high frequency response. Takes just seconds. For 120 VAC. U. L. listed. 44-215 ..... 4.95

## Sound Track Cleaner for 8-Track Tape Cartridges

*Restores Fidelity as it Gently Cleans Tapes*

**9<sup>95</sup>**



Lengthen the lives of both your 8-track tapes and your recorder/player by removing distortion-causing dust, grime and excess oxide particles from the tapes themselves. Just insert cleaner and tape into cartridge slot of home or auto tape player — no other batteries or current required. With roll of non-abrasive polyester cleaning tape to clean over 100 tapes. 44-220 ..... 9.95

## Cassette Demagnetizer/Cleaner

**5<sup>95</sup>**

• "Play" it for 60 Seconds

• Prevents Distortion & Volume Loss

Protects your tapes and recorder, too. Just "play" the unique tape as you would any other cassette for 60 seconds — it eliminates built-up oxide residue and magnetism, thus assuring longer tape life. Non-abrasive — won't hurt your tape player. 44-631 ..... 5.95



## 8-Track Demagnetizer and Head Cleaner

**6<sup>95</sup>**

- Eliminates Magnetic Buildup
- Restores Fidelity

Demagnetizes as it cleans. Play for only 40 seconds — reduces hiss, increases response, helps prevent tape jamming. Requires no power. Non-abrasive. 44-630 ..... 6.95



## Universal Tape Head Demagnetizer

**7<sup>95</sup>**

- Eliminates Built-Up Oxide Residue
- Prevents Distortion and Volume Loss

Demagnetizes heads on cassette, 8-track AND reel-to-reel equipment. Includes 2 interchangeable tips which fit any recorder and can be bent to any angle. For 120 VAC. U.L. listed. 44-211 ..... 7.95



## 8-Track Head Cleaner

**1<sup>79</sup>**

For home or car. "Play" for 10 seconds — removes oxide deposits. Non-abrasive. 44-1161 ..... 1.79



## Cassette Head Cleaner

**1<sup>79</sup>**

Removes all oxide deposits when inserted for 10 seconds after each 10 hours of player use. Non-abrasive. 44-1160 ..... 1.79



## 8-Track Head and Capstan Cleaner

**2<sup>19</sup>**

Insert 10 seconds — one end for head, other for capstan rollers. Non-abrasive. 44-208 ..... 2.19

## Kleen Kit for Players, Recorders

**1<sup>39</sup>**

1/4-oz. bottles of cleaner and guide lubricant, plus 10 swab sticks. Minimizes wear, reduces wow, flutter. 44-217 ..... 1.39



## "Non-Slip"

**79¢** 2 oz.

*Insures Uniform Tape Speed*

Stops slippage of idler wheels, pulley belts and cords. Fast drying. Won't harm rubber. With applicator. 44-1013 ..... 79¢



## Aerosol Head Cleaner

**1<sup>49</sup>** 3 oz.

Extension nozzle gets into hard-to-reach places and sprays away grime, reduces noise and distortion. 44-1011 ..... 1.49



## Cleaning Cloths

**1<sup>19</sup>** Pack Of 4

Chemically treated to gently clean records or tapes. Remove distortion and squeal. Won't scratch. 44-1088 ..... 1.19



## Recorder Cleaner

**99¢** 2 oz.

Cleans heads, tape guides, capstan rollers and metal parts to prevent distortion. Built-in felt applicator. 44-1010 ..... 99¢

## Recorder/Changer Lubricating Oil

2 Oz. **59¢**



Our own special formula prevents rust and corrosion on rotating and moving parts. Built-in applicator. 44-1012 ..... 59¢

## Tape Head Lubricant

2 Oz. **79¢**



Minimizes wear and reduces distortion. Excellent for all types of tape recorders. 44-1009 ..... 79¢

## Cloth Head Cleaner

**1<sup>79</sup>** 1/2 Oz.

Just run the 3" reel of cleaner-impregnated cloth tape through recorder heads of any size recorder. With bottle of cleaning fluid. 44-1151 ..... 1.79

## 100 Cleaning Sticks

**89¢**



For hard-to-reach parts in recorders, radios, phonos and other electronic equipment. 6" long with cotton tips. 44-1093 ..... 89¢

# Everything for Carrying and Caring for Your Tapes

## 8-Track Tape Car Caddy

- Holds Up to 20 Cartridges
- Fits Securely on Floor or Over Transmission Hump
- With Carry Handle for Complete Portability

**12<sup>95</sup>** Looks Great in Any Car

Organize your cartridges and keep them handy. Lets you store and retrieve cartridges easily. Has convenient swivel base. Simulated walnut grain trim enhances all auto interiors. 44-680 ..... 12.95

NEW FOR 77

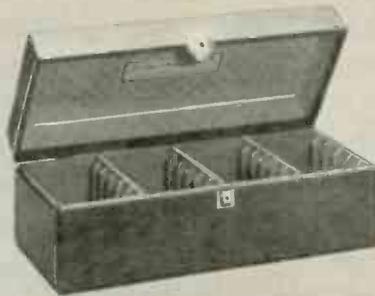


## Tape Carrying Cases

- Holds Up to 24 Tapes
- Gives 'em "On the Go" Protection

**8-Track Cartridge Case.** Cushioned red velour interior. Rugged black vinyl exterior really holds up to abuse. Case even locks for added security. 6½x17¼x7½". 44-660 ..... 9.95

**Cassette Carry Case.** Same as 8-track case above, but 4x14¼x7½". 44-661 .... 8.95



Low As **8<sup>95</sup>**

Enjoy Your Tapes Longer

## Universal Carry Case for 8-Tracks and Cassettes

- Holds 24 Cassettes or 24 Cartridges
- Heavily Padded Attache Case Design

Features a durable grained-vinyl covering with an attractive red plush velour interior. Cassette or cartridge titles are immediately visible. Equipped with sturdy handle, lock and key for added security. 9¼x13x5¼". 44-671 ..... 14.95



**14<sup>95</sup>**

## "Bookcase" Tape Storage Centers

Stackable - Mounts on Wall or Use on Any Flat Surface

Adds a decorative touch. Holds 20 cassettes (in their boxes) or 10 eight-track tapes. Just slide in or out as needed. With stacking studs. Cassette. 44-654 ..... 9.95  
8-Track. 44-655 ..... 9.95



**9<sup>95</sup>** Each

Cassette

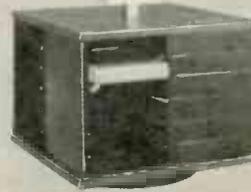


**5<sup>95</sup>**

## Home or Auto Tape Carrying Case

- Holds 12 Cartridges or 36 Cassettes
- The Perfect Car Tape Player Companion

Equally valuable at home or in your car. Fold-out bottom fits securely on front seat "hump" in auto. Sturdy black molded body with simulated walnut-grain accents on the flip-open top. Handle for home-to-car carry-ability. 44-650 ..... 5.95



Low As **7<sup>95</sup>**

## Lazy Susans Hold Up to 24 Tapes

Organize Your Recordings - Keep Them Handy & Safe

8-Track. Metal case has cushioned ball-bearing swivel base. Molded guides hold each cartridge in place with tape titles easily visible. Simulated walnut grain trim, chromed handle. 44-652 ..... 9.95  
Cassette. 44-651 ..... 7.95



**8-Track Tape Case**  
**3<sup>49</sup>**

Black-and-white case houses up to 12 tape cartridges. Keeps them organized and clean. Convenient handle for easy portability. 4½x12½x5½". 44-664 ..... 3.49



**Cassette Tape Case**  
**3<sup>29</sup>**

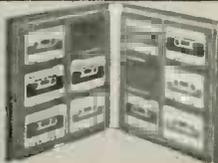
Up to 15 cassettes are protected when you keep them in this red and white case with walnut grain vinyl veneer top. 3½x12½x4½". 44-665 ..... 3.29

**Audio Stac® Cassette Case**  
**4<sup>98</sup>**



Holds up to 12 cassettes, in their boxes, in individual compartments. Self-locking, see-thru dustproof lid. Stackable, interlockable with extra cases. For table, wall or car mounting. With carry handle. 44-675 ..... 4.98

## Cassette Storage Album

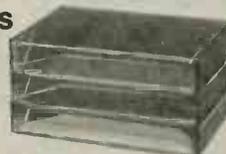


Folding album keeps 12 of your cassettes organized and ready to use. With index. 44-612 ..... 2.29

**2<sup>29</sup>**

## Heavy-Duty Cassette Storage Boxes

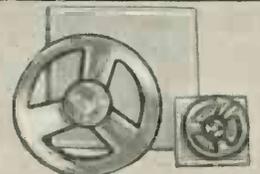
**89¢**  
3-Pack



Keeps cassettes clean and dirt-free. See-thru plastic door lets you identify titles at a glance. Pack of 3. 44-611 ..... 89¢

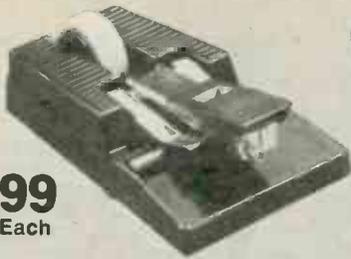
## Empty Tape Reels with Boxes

Low As **12¢** Each



Cat. No.	Reel	1-5	6-9	10-49	50-Up	Cat. No.	Reel	1-5	6-9	10-49	50-Up
44-272	2¼"	.23	.19	.16	.12	44-278	5"	.53	.49	.44	.39
44-273	3"	.26	.23	.19	.16	44-279	7"	.79	.75	.69	.59
44-1000	3¼"	.27	.24	.21	.18						

# Low-Cost Aids for Professional Recording Results

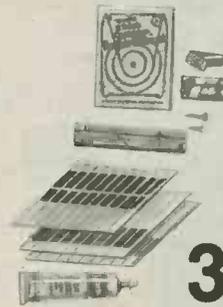


## Deluxe, Precision Tape Splicers

**399**  
Each

*Built-In Dispenser  
Includes Roll of  
Splicing Tape*

Repair or edit your own tapes like a "Pro". Black hi-impact molded base won't slip or slide. Chromed metal "cut/trim" lever makes diagonal cuts, then adjusts to trim away excess splicing tape. Makes a good, durable splice every time! **Open-Reel. 44-212 . . . . . 3.99**  
**Cassette. 44-214 . . . . . 3.99**



## 8-Track Repair Kit

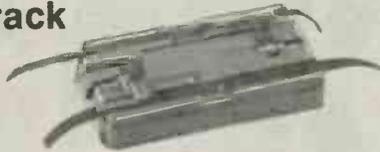
*Why Throw Away  
Valuable Tapes?  
Repair Them!*



**395**

Has everything you need for salvaging up to 25 damaged 8-track cartridges. Self-aligning splicing block, 12 metalized and 24 non-metalized splicing tabs, cutting blade, plastic cement, and complete repair manual with illustrated, step-by-step instructions. **44-627 . . . . . 3.95**

## Universal Dual-Track Tape Splicer

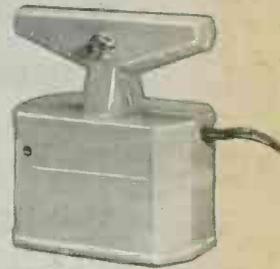


*For Cassette,  
8-Track,  
Open-Reel Tape* **269**

Cuts and splices all tape widths. Special tape "guides" and lever mechanism secures tape. A mitered diagonal cutting groove directs the hand-held single-blade razor (included). Apply either 3/8" or 1/2" splicing tape and trim away excess. It's that easy! With instructions. **44-216 . . . . . 2.69**

## Magnetic Bulk Tape Eraser

*Erases Any Tape  
in 7 to 10 Seconds* **1195**



Not only erases, but reduces noise levels below recorder erase head level on open-reel, cassette, 8-track tapes. Hi-impact molded housing. On-off switch conveniently located on side of handle. For 120 VAC. U.L. listed. **44-210 . . . . . 11.95**



**On-Off Foot Switch**  
**349**

Great for dictation or transcribing tapes. Plugs right into aux jack of your recorder. 5' cord lets you position switch for convenient operation. **44-610 . . . . . 3.49**



**12 VDC Car Adapter**  
**695**

Powers portable radios, recorders from cigarette lighter socket of any 12-VDC neg. grd. vehicle. Switchable 6/9 VDC output. 300 mA. **14-844 . . . . . 6.95**



**Cassette Repair Kit**  
**99¢**

Lets you transfer cassette tape from a damaged or defective housing to a new one. Kit contains 24" leader tape and instructions. **44-626 . . . . . 99¢**



**Telephone Pickup Coil**  
**149**

For high-quality recordings of phone calls. Suction cup fastens on phone instantly. With cord, 1/8" mini-plug. **44-533 . . . . . 1.49**



**Index Labels**  
**99¢** Each

**Cassette.**  
Pkg. of 24.  
Color-coded.  
**44-621.**  
**8-Track.**  
Pkg. of 20.  
Color-coded.  
**44-622.**



**Remote On/Off Switch**  
**295**

*Ideal for "Built-In-Mike" Portables*  
Stop/start cassette recorders without adjusting controls. Just insert submini plug into recorder's remote control jack. **44-777 . . . . . 2.95**



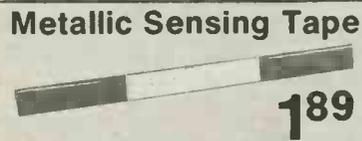
**Economy Cassette Mailers**  
**39¢**  
6-Pack

For "voice letters." Heavy-duty cardboard. Conform to Postal regulations. With mailing labels. **44-632 . . . . . 39¢**



**Plastic Cassette Mailers**  
Low As **49¢**  
3-Pack

Ideal for mailing your cassette "letters." With mailing labels. **44-608. 1-11 . . . . . 59¢**  
**12-Up . . . . . 49¢**



**Metallic Sensing Tape**  
**189**

Stops or reverses recorders having either contact or photo-sensing systems. Switches programs on 8-track equipment. 100' roll. **44-1155 . . . . . 1.89**



**Color-Coded Leader Tape**  
**99¢**

Two 2 3/4" reels of 150' tape — one red, one white. Great for editing. **44-1053 . . . . . 99¢**



**Tape Reel Holders**  
**79¢**  
Pair

Press over spindles to keep reels seated and wobble free. Durable rubber. **44-1068 . . . . . 79¢**



**8-Track Clip-On Covers**  
**89¢**  
Pack of 10

Protect your cartridges. Instantly snap-on, snap-off. Sturdy plastic. **44-206 . . . . . 89¢**



**Self-Stick Pressure Pads**  
**69¢**

Replace worn pressure pads now! Two pads, 1/8" and 1/16" thick. **44-1027 . . . . . 69¢**



**Mylar Base Splicing Tape**  
• 100" • Strong, Secure Splices

Cat. No.	Width	Each
44-1125	1/4"	39¢
44-1126	3/8"	44¢
44-1127	1/2"	49¢



**Tape End-Clips**  
**59¢**  
Pack of 18

Prevent unwinding, spillage. Fit any open-reel. Plastic. **44-1028 . . . . . 59¢**



**Tape Labels**  
**59¢**

Self-stick 1/2x2" labels for instant identification of tapes. **44-1029 . . . . . 59¢**

# Rely on Micronta® Any Time of Day or Night

## Micronta® 24-Hour, 4-Digit "LED" Electronic Alarm Clock



- Snooze Button
- Bright 0.5" Digits

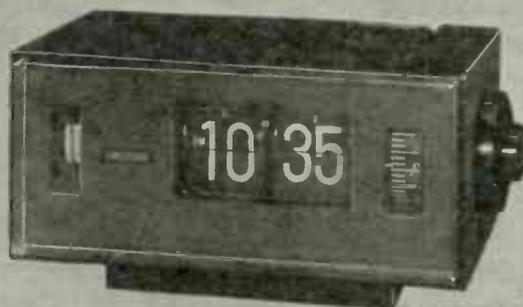
**24<sup>95</sup>**

Wake up to a gentle "Beep-Tone" instead of a harsh alarm. Time display shows hours and minutes—colon flashes to indicate seconds. Dot signals FM operation. The entire display flashes on and off when power failure has occurred. Hidden easy-access controls, 24-hour setting, handy on-top snooze button. 2½x4x4½". For 120 VAC. U.L. listed. 63-813 ... 24.95

## Micronta Flip-Type Digital Alarm Clock

NEW FOR 77

24-Hour Alarm Setting



**12<sup>95</sup>**

- Rotating Indicator Tells When Clock Is Running
- Large, Easy-to-Read Soft-Lit Digits

A stylish waker-upper. Read the hours and minutes from the large flip-type digits—they're easy to see, even at night. Time is identified AM or PM, and you set the alarm just once-a-day for full 24-hour operation. Side-mounted knobs for time and alarm set. Rotating alarm time-drum is divided for 10-minute intervals. Compact. For 120 VAC. U.L. listed. Simulated walnut grain plastic case. 63-811 ..... 12.95

## Timer/Remote Control Power Switch



Remote On/Off Control Plus Automatic Timer with 10' Cord

**8<sup>95</sup>**

Great for turning lamp, radio or TV on and off without getting out of bed or your comfortable chair. Gives you from 10 to 60-minute automatic shutoff, too. Safely handles up to 10 amps, 1200 watts. And installation couldn't be easier. Only 3½x2½x1¾", it easily fits on a table. For 120 VAC. U.L. listed. 63-634 ..... 8.95



## Automatic AC Timers

Automatic ON-OFF control of almost any electrical device. Use with lamps to give your house an "at-home" look when you're away, to turn on heaters and air conditioners, to convert radios into "clock radios," even to start your morning coffee. Easy to use—just plug timer into AC, plug device into timer, set timing dial. All U.L. listed for electrical safety.

## Multi-Program Timer

**10<sup>95</sup>** Manual Control or Automatic Repeat—No Resetting



Turn devices on and off one or more times daily! Easy-to-set dial. Minimum ON time, 30-minutes; maximum ON time, 22½ hours. Handles almost anything electrical rated up to 15 amps, 1875 watts. Includes 2 sets of trippers. For 120 VAC. 4¼x3¾x3". 63-863 ..... 10.95

## All-Purpose Timer

For Almost Any Electrical Device—Performs Hundreds of Household Jobs

**8<sup>95</sup>**

Lamp or appliance plugs into timer, timer cord plugs into wall socket. Large 24-hour dial with single on/off control times from 15 minutes to 23½ hours. Handles loads up to 15 amps, 1875 watts. 4¼x3¾x3". For 120 VAC. 63-858 ..... 8.95



## Compact Plug-In Timer

**6<sup>95</sup>**

Cordless—Plugs Right into Wall

Automate your household! This handy timer plugs into wall receptacle—out of the way. Versatile timing range is from 1-23 hours. When plugged in, it leaves one outlet exposed for regular use. Handles up to 15 amps and 1875 watts, so it's capable of switching almost any standard appliance. 4¾x2¾x1¼". For 120 VAC. 63-862 ..... 6.95



## PATROLMAN® Automatic/Variable Timer

NEW FOR 77

Turns Lights On and Off at a Different Time Each Day—Or Exactly at the Same Time

**8<sup>95</sup>**

Unpredictable on-off timing gives your home a truly "lived-in" look. Just plug it into wall and set for "variable" operation. Or set it on "automatic" for standard timing. Easy-to-set color-coded dial, one knob control for variable/automatic/manual operation. 4¾x2¾x1¼". Rated 1875 watts, 15 amps, 120 VAC. 63-861 ..... 8.95



# Handy Household Helpers to Lighten Your Load

## Lamp Socket Dimmer

- Screws In Like a Bulb
- Enjoy "Mood Lighting" from Any Lamp

**6<sup>99</sup>**



Now you can adjust any lamp from a soft candle-like glow to bright-bright light with just a turn of the knob. Fits all standard sockets, even 3-way type. Doubles bulb life at 90% brightness, and at 60% brightness, it gives bulbs up to 8 times more life! For 120 VAC incandescent only, 200 watts maximum.  
61-2696 ..... 6.99

## Battery Powered Fluorescent Lantern

**14<sup>99</sup>**

*Amazingly Bright*

Solid-state circuit for brilliant lighting with low battery drain. More efficient than incandescent types. Molded case with pull-out hanger. Requires just 6 "D" cells. 10x 6 1/2 x 2 1/2". 61-2731 ..... 14.99



## Hand-Held Spotlight

**7<sup>99</sup>**

*35,000 Candlepower Sealed Beam Lamp*

Big 4" spotlight projects a concentrated beam for almost any use. Heavy-duty chrome-plated housing with thumb switch, fold-away hanger. Only 9x4 1/4x3", it's glovebox-size. With 10' cord, lighter adapter plug. 12 VDC. 61-2650 ..... 7.99



## Standard Wall Light Dimmer

**4<sup>99</sup>**

*Push-On, Push-Off Switch*

Dial the brightness and create the lighting mood you want. Solid-state circuit saves on bulbs and electricity. Variable from "off" to 600 watts. For 120 VAC incandescent. 61-2699 ..... 4.99



## Fluorescent Light



*Plugs In Anywhere - No Rewiring*

**7<sup>95</sup>**

Plenty of bright, white light without heat. With on/off switch, AC outlet, 15-watt "Day-light" fluorescent tube. 18 1/4 x 4 3/4 x 1 1/2". For 120 VAC. 61-2730 ..... 7.95

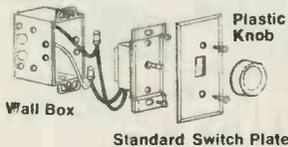
## Shop or Garage Utility Light

**4<sup>99</sup>**

Puts light wherever you need it. Yellow molded handle, reflector and guard are shock-proof, corrosion resistant. Color-coded on/off switch, swivel hook. 61-2643 ..... 4.99



## Simple Installation



**5<sup>99</sup>**

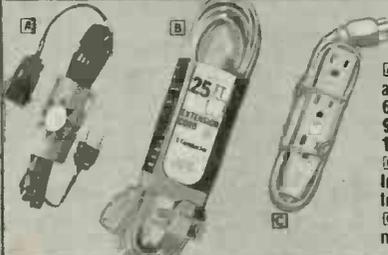
*For Circuits with Dual Switches*

3-wire type — the only kind of dimmer that can be used where two switches control the same light source. For 120 VAC incandescent. 600 watts. 61-2700 ..... 5.99

## Extension Cords

*All are U.L. listed.*

- Ⓐ Standard. Extend electrical power wherever you need it with a 2-wire cord that terminates in a cube outlet. 6' Cord, White. 61-2750 79¢ 6' Cord, Brown. 61-2751 79¢ 9' Cord, Brown. 61-2752 89¢ 9' Cord, White. 61-2753 89¢ 15' Cord, Brown. 61-2754 ..... 1.19
- Ⓑ Heavy-Duty 25' Cords. Each terminates in one outlet. Indoor/Outdoor 3-Wire Cord. 61-2757 ..... 5.99
- Ⓒ Indoor 2-Wire Cord, Green. 61-2759 ..... 2.19
- Ⓓ Power Center. 3' cord with 3-prong grounded plug. Terminates in 3 outlets. 61-2762 ..... 2.99



## Low-Cost Flashlights

Low As

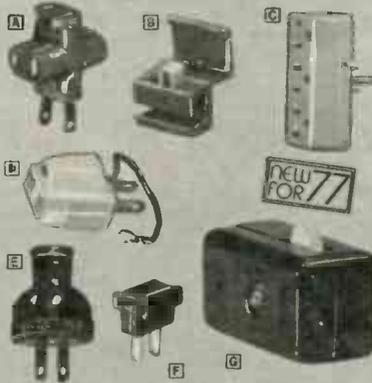
**79¢**



- Ⓐ **Powerbeam-5.** 1500-foot beam! Non-breakable molded case, hanger ring. Requires 5 "D" cells. 68-1022 ..... 1.39
- Ⓑ **Disposable Light.** Built-in sealed power supply lasts for months. 61-2638 ..... 1.49
- Ⓒ **Low-Cost 2-Cell.** Get a couple! Two-tone molded body. Requires 2 "D" cells. 61-2627 ..... 79¢
- Ⓓ **Wireless Lumenator Lantern.** Break-proof molded case has open handle, on/off button. Requires 6V lantern battery. 61-2628 ..... 2.59
- Ⓔ **Heavy-Duty.** Rugged molded body with switch guard. Built to last! Requires 2 "D" cells. 61-2639 ..... 1.29
- Ⓕ **Lantern.** Heavy-duty, high-impact case. Requires 4 "D" cells. 61-2634 ..... 1.99

## Handy Accessories

*All are U.L. listed.*



- Ⓐ **3-Outlet Cube Taps.** Plug as many as 3 appliances into one outlet. 61-2701 ... 2 for 79¢
- Ⓑ **3-Wire Connectors.** Splicing blocks to clip a lead into existing wire. For temporary or permanent installations. 61-2651 ..... 4 for 99¢
- Ⓒ **3-Outlet Plug.** Converts 1 outlet to 3. Ivory. 61-2705 ..... 1.49
- Ⓓ **Ground Adapters.** 2-prong plug with ground wire accepts 3-prong plug. 61-2720 ... 2 for 89¢
- Ⓔ **Round Rubber Replacement Plugs.** Perfect for appliance cords. 61-2704 ..... 3 for 99¢
- Ⓕ **Quick Assembly Replacement Plugs.** Brown. 61-2709 ..... 3 for 79¢ Ivory. 61-2710 ..... 3 for 79¢
- Ⓖ **Inline Rocker Switch.** Fits ON the cord. Easy no-stripping attachment. 61-2713 ..... 79¢

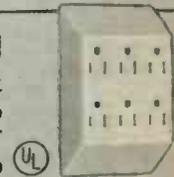
## 4-Outlet Plug

Converts 2 outlets to 4. Safe — just remove wall-plate, plug in and fasten with center screw. For 2-wire outlets. 61-2621 ..... 1.49



## 6-Outlet Plug

Converts 2 outlets to 6. Same installation as for plug at left, but for 3-wire grounded outlets. Permanent, safe. 61-2622 ..... 2.59



# Archer® Cabinets & Tools Complete Your Shop

## 3-Way Crimping Tool

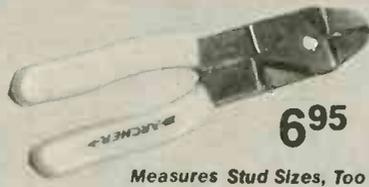


**229**

*Crimps, Cuts and Strips*

Crimps solderless terminals perfectly every time. "Sure Grip" insulated handle. Complete with assorted crimping terminals. 64-405 ..... 2.29

## All-Purpose Crimper/Cutter



**695**

*Measures Stud Sizes, Too*

Crimps terminals, cuts and strips wire, slices bolts. "Cushioned Grip" insulated handle. Easy to use. 64-2268 ..... 6.95  
22 Assorted Terminals. 64-2269 ..... 1.99

## Cabinets Keep Your Hardware Handy

### 24 Drawers

• See-Thru Storage **895**  
• Steel Frame



Portable 13x9½x6½" storage bin for desk or bench. Baked enamel finish, clear plastic 5¾x2¾x1¼" drawers, handle. With dividers and labels. 64-2027 ..... 8.95

### 15 Drawers

*Ideal Way to Store or Carry Small Items* **595**

Unitized 10x8x6½" steel frame storage/organizer with 15 5¾x2¾x1¼" clear plastic drawers. Convenient tote handle, adjustable drawer dividers and labels. Baked enamel finish. 64-2026 ..... 5.95



### 9 Drawers

High-impact plastic. Great for hardware or office items. Cabinet, 9¾x6¾x5". Each drawer, 5¾x2¾x1¼". Dividers and labels included. 64-2039 ..... **399**

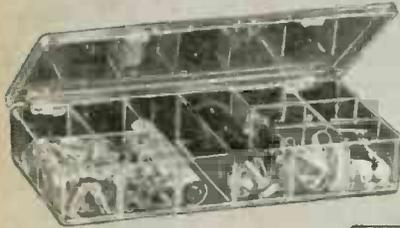


## Plastic Boxes

- Separate Compartments
- See-Thru, Hi-Impact Plastic

Low As

**49¢**



Ideal for sorting out nuts, bolts, screws, washers, tacks, pins, other small items.

Cat. No.	Size	Sections	EACH
64-552	8½x4¾x1½"	6-18	1.99
64-553	4¾x2¾x1"	6	.49
64-554	11¼x6½x2¾"	5-15	2.69

## 100 Solderless Lugs



**129**

*5 Popular Assorted Sizes*

Most widely used solderless lugs. 20 each of 5 different styles including ring, spade, hook, tongue types. 64-406 ..... 1.29

## Electronic Hardware Assortment



**129**

*Generous 1-lb. Pack*

Lots of valuable items most often needed by hobbyists and experimenters. 64-2890 ..... 1.29

## Ceramic Magnets



Your Choice **15¢** Each

10-24	25-95	100-Up
<b>10¢</b> Each	<b>9¢</b> Each	<b>8¢</b> Each

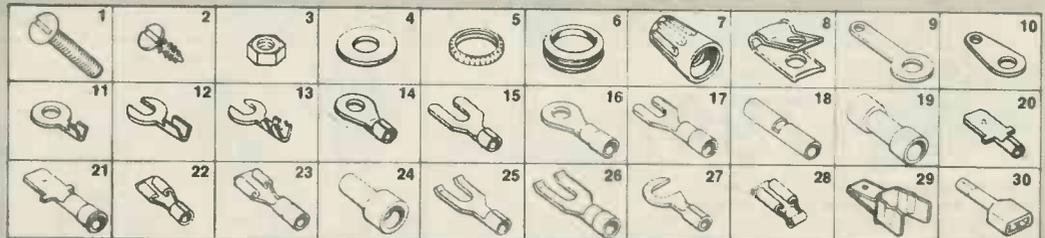
1" Rectangular 64-1875

## Shop Radio Shack® for Electronics Parts in Handy "See-Thru" Packs

- Precision Made
- Corrosion Protected

**69¢** Each

Radio Shack's the place to buy small electronics hardware for pet projects or repair jobs you've got going. We stock the best and all are "package protected" from factory to you for undiminished quality right off the shelf. All metal parts are either nickel plated, tin-dipped or electro-tin plated for long, corrosion-free service.



- 1. Round Head Screws** ..... Pkg/69¢  
NYLON  
64-3001. 7 ea. 2-56x¼", ½", ¾".  
64-3002. 7 ea. 4-40x¼", ½", ¾".  
64-3003. 7 ea. 6-32x¼", ½", ¾".  
MACHINE  
64-3010. 17 ea. 2-56x¼", ½", ¾".  
64-3011. 16 ea. 4-40x¼", ½", ¾".  
64-3012. 18 ea. 6-32x¼", ½", ¾".
- 2. Pan Head Sheet Metal Screws.** 6 each:  
#4x½", #6x¼", #6, ½", ¾", 8x¼", ¾", ½".  
64-3016 ..... 69¢
- 3. Hex Nuts** ..... Pkg/69¢  
NYLON  
64-3005. 18 ea. 2-56.  
64-3006. 18 ea. 4-40.  
64-3007. 18 ea. 6-32.  
STEEL MACHINE  
64-3017. 45 ea. 2-56.  
64-3018. 35 ea. 4-40.  
64-3019. 35 ea. 6-32.

- 4. Flat Washers** ..... Pkg/69¢  
64-3009. Nylon, 20 each: #2, #4, #6.  
64-3022. Steel, 25 each: #2, #4, #6, #8, #10.  
**5. Control Nuts.** 8 each: ¾-32, 1½-32 and 7-475-32. 64-3020 ..... 69¢
- 6. Vinyl Grommets.** 7 each: ¼", ⅜", ⅝". 5 each: ⅞", ½". 64-3025 ..... 69¢
- 7. Wire Connectors.** 4 each: 2, #18, 1 #16, & 2 #18, 3 #16. 2 each: 5 #16, 2 #12 & 1 #18. 64-3026 ..... 69¢
- 8. Butyrate Cable Clamps.** 6 each: ⅛", ⅜", ½" cable dia. 64-3028 ..... 69¢
- 9-13. Solder-Lugs.** 45 pcs. #6, #8, #10 mounting holes. 64-3029 ..... 69¢
- 14. Solderless Ring Tongue.** 6 each: #6, #8 (22-18 wire size); #6, #8, (16-14). 64-3030 ..... 69¢
- 15. Solderless Spade Tongue.** 6 each: #6, #8, (22-18); #6, #8, (16-14). 64-3031 ..... 69¢

- 15-17. Solderless Spade (26-24):** 3 each: #4 & #6, Insulated Spade (26-24): 2 each: #4, #6. 64-3042 ..... 69¢
- 15. Solderless Spade Tongue.** 12 each: (22-18), (16-14). 64-3034 ..... 69¢
- 16. Solderless Insul. Ring Tongue.** 4 each: #6 (22-18), 2 each: #8 (22-18); #6 & #8 (16-14). 64-3032 ..... 69¢
- 17. Solderless Insul. Spade Tongues.** Assorted as above. 64-3033 ..... 69¢
- 17. Solderless Insul. #10 Spade Tongues.** 5 each: 22-18, 16-14. 64-3035 ..... 69¢
- 18. Butt Connectors.** 10 each: 22-18, 16-14. 64-3036 ..... 69¢
- 19. Insul. Butt Connectors.** 5 each: 22-18, 16-14. 64-3037 ..... 69¢
- 20-21. Male Quick-Disconnects.** 2-⅞", 4-¼", 2 of insul. ⅞", ½". 64-3038 ..... 69¢

- 22-23. Female Quick-Disconnects.** Assorted as above. 64-3039 ..... 69¢
- 24. Nylon Insul. Closed-End Connectors.** 5 each: (22-14), (16-10). 64-3041 ..... 69¢
- 25. Solderless Flanged Spade.** 6 each: (22-18) #6 & #8, (16-14) #6 & #8. 64-3043 ..... 69¢
- 26. Solderless Insul. Flanged Spade.** 4 each: #6 (22-18), 2 each: #8, (22-18) #6 & #8 (16-14). 64-3044 ..... 69¢
- 27. Solderless Hook-Tongue Terminals.** 6 each: #6 & #8 (22-18) #6 & #8 (16-14). 64-3045 ..... 69¢
- 28. Female Flags Quick-Disconnect.** 5 each: ⅞" & ½". 64-3046 ..... 69¢
- 29. Auto Fuse Tap.** 3 Sets. 64-3048 ..... 69¢
- 30. Solderless Insulated 8 Male/Female Quick-Disconnects (22-18, 16-14 wire size). ¼" tabs.** 64-3049 ..... 69¢

# Archer® Engravers and Chemicals "Do It" Better



## Complete Labelmaker Kit

**479**

With 3 Rolls Of Tape

- Prints Large, Raised Letters on 3/8" Tape
- Permanent, Waterproof, Self-Sticking

Dial each character, squeeze handle to cut off finished label. Tabber/cutter crimps label for easy removal of adhesive cover. Prints A-Z, 0-9, punctuation, and you can see each letter as it's made. Tough, molded housing. With three 6' rolls of tape in assorted colors. 64-526 ..... 4.79



## Heavy-Duty Electric Pencil

Engraves on Almost Any Hard Surface

**1295**

Permanently mark your valuables, use it for hobby work. Calibrated dial adjusts engraving width and depth. On-off slide switch, 7200-RPM motor, tungsten-carbide point. 6 1/2" long. For 120 VAC. U.L. listed. 64-2174 ..... 12.95



Join "Operation Identification"

For theft protection, engrave your driver's license no. on your valuables, then register them with your police department. And use the 2 Operation Identification and 10 Stop-Thief labels included with each pencil.

## Electrical Tape

- Strong 10,000-Volt Dielectric Vinyl
- Hundreds of Household and Shop Uses

Cat. No.	Roll Size	EACH		
		1-2	3-11	12-Up
64-2348	1/2"x12 1/2'	.39	.35	.32
64-2349	3/4"x20'	.69	.64	.59
64-2350	3/4"x66'	1.29	1.19	1.09

Handy 5-Pack of PVC Electrical Tape: Popular colored tapes for practically any job. Each roll 3/4"x12". 64-2340 ..... 1.29



## Scribe-Ett™ Battery Powered Engraver

Scribe on Metal, Wood, Plastic, Nameplates

**199**

Makes it easier than ever to engrave almost anything — lightweight, comfortable to hold. Marks anything from jewelry to bicycles. Molded case. 6 3/4" long. Requires just 2 "AA" cells. 64-2177 ..... 1.99



**CORDLESS**  
Use It Anywhere, Indoors or Out

## Silicone Sealant

Moisture Resistant

**249**

Bonds, seals, caulks. Clear sealant applies evenly, quickly. With applicator tip. 3 oz. 64-2314 ..... 2.49



## Thread Lock

NEW FOR 77

**199**

Prevents Loosening

No need to disassemble — one drop penetrates threads and locks bolt or screw. Won't vibrate loose. 2 fl. oz. 64-2312 ..... 1.99



## 3-Pc. "Standard" Alignment Tool Kit

Screwdriver Tips

**169**

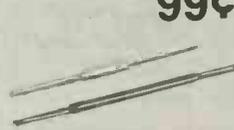
Fiberglass 12"x1/8" dia. and 7/32" dia. Delrin 7"x1/8" dia. 64-2222 ..... 1.69



## TV Alignment Tool Kit

**99¢**

Fits 90% of all RF and IF transformers. 2 tips, screwdriver, hex wrench. 64-2223 ..... 99¢



## 5-Pc. Color TV Alignment Tool Kit

Pocket Pouch

**259**

Eight hex ends fit most iron-core transformers. 2 screwdriver tips, extender. 64-2220 ..... 2.59



## "Twin-Tube" Epoxy

**169**

Bonds most anything in seconds. Twin tubes for accurate, no-mess mixing. 1 oz. 64-2313 ..... 1.69



## 5-Minute Epoxy

**169**

Permanently bonds most metals and non-metals in minutes. Two 1/2-oz. bottles — one resin, one hardener. 64-1917 ..... 1.69



## Silicone Lube

**139**

Spray lubricates mating surfaces of most materials, including non-metals. Fights corrosion. 6 oz. 64-2310 ..... 1.39



## Moisture Remover/Penetrant

**99¢**

Lubricates, demotes, rusts parts, protects. Won't harm rubber, plastics. 6 oz. 64-2323 ..... 99¢



## Color TV Tuner Cleaner

**159**

Concentrated formula — our best. Spray into tuner for cleaning and lubrication for improved reception. No harmful residue. 6 oz. 64-2320 ..... 1.59



## All-Purpose Glue

**59¢**

Forms a tight invisible bond on plastic, wood, glass or rubber. Fast drying. 2 oz. 64-2311 ..... 59¢



## TV/Radio Cement

**69¢**

Great for speaker repairs. Cement parts to chassis, repair plastic cabinets. Sets fast, dries clear, firm bond. 2 oz. 64-2309 ..... 69¢



## Acrylic Protective Spray

**149**

Over 20,000 volts dielectric strength. Prevents arcing, rust, corona shorts and pitting. Safe. 6 oz. 64-2317 ..... 1.49



## "Freeze Mist" Component Cooler

**199**

Finds Intermittents

Chills intermittent resistors, capacitors; shows which are thermally defective. 6 oz. 64-2321 ..... 1.99



## TV Tuner Cleaner

**99¢**

Low-cost cleaner/lubricant. Just spray into tuner to eliminate "noisy" contacts. Leaves no harmful deposits. 6 oz. 64-2315 ..... 99¢



Over 4200 Radio Shack Stores and Dealers Nationwide — We're Near You

# Archer® Tools to Add The Professional Touch



## 1/4" and 3/8" Combination Drive Socket Set

**12<sup>95</sup>** 21 Pieces Including Case

• Fully Hardened and Tempered

Includes most needed pieces for professionals or beginners. All are triple chrome plated and mirror polished. Includes: 3/8" drive ratchet; 1/4" nutdriver handle; 13/16" spark plug socket with neoprene insert; 4x3" extension bar; 3x6" extension bar; 1/4x3/8" adapter; 1/4" socket sizes, 3/16 to 3/4"; 3/8" socket sizes, 1/2 to 3/4". 64-1850 ..... 12.95

## Automatic Wire Stripper/Cutter

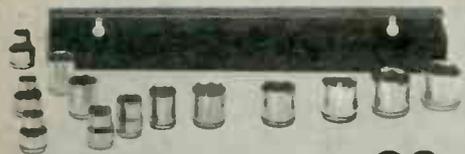


**8<sup>95</sup>**

Strips Perfectly – No Nicks, No Breaks

Strips wire from #8 to #22 gauge in seconds. Removes insulation cleanly without nicking or breaking wire for professional-quality work. Lightweight, yet durable. 64-1918 ..... 8.95

## 13 Metric Sockets



• Metal Storage Case

**5<sup>99</sup>**

Steel sockets are triple chrome plated and mirror polished. Includes 6 point sockets in 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm. For 3/8" drive handles and ratchets. 64-1856 ..... 5.99

## Stripper/Cutter

• Spring Loaded  
• Adjusts from #12-#24 Wire

**1<sup>59</sup>**

Handy for any wiring job at home, in the shop or in the field. Long 5" blades give smooth, flush cutting action. Easy-grip insulated handles for a safe, sure job every time. Fits easily into tool pouch or storage cabinet. And all at such a low price! 64-2129 ..... 1.59



## Dial-Type Stripper / Cutters

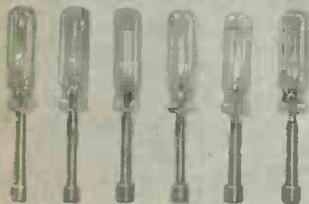
Simply Dial the Gauge You Want to Strip

**2<sup>69</sup>**

Quick and convenient. Professionally strips and cuts #12 to #24 gauge wire. Spring loaded stripper and cutter has cushioned insulated handles for safety and sure grip. Flush cutting action, too. 64-1952 ..... 2.69



## 6-Piece Nutdriver Set



**2<sup>99</sup>**

Hardened, Tempered Steel

Ideal for the repairman or just around the house. Features the most popular sizes from 3/16" to 7/16". Easy-grip molded handles. Just perfect for working in those hard-to-reach areas, more convenient than regular wrenches! 64-1821 ..... 2.99

## 6" All-Purpose Long Nose Pliers



NEW FOR 77

**2<sup>99</sup>**

• Handy All-Purpose Tool  
• Long-Life Hardened Steel  
• Drop Forged • Fully Polished

Precision multi-purpose tool. Can be used as an AC cord divider, nut wrench, wire stripper, crimper, too. Jaws are especially grooved for each application. Easy-grip insulated handles for a safe, sure job every time. 64-1847 ..... 2.99

## 9 1/2" Water Pump Pliers



NEW FOR 77

**3<sup>99</sup>**

• Extra Rugged Drop Forged Steel  
• Chrome Plated • Adjustable Jaws

Convenient for plumbing, auto repair, general use. Adjustable jaws get into tight places ordinary wrenches won't. Rockwell tested to meet exacting standards of durability. Ideal for the handyman and professional alike. 64-1848 ..... 3.99

## 8-Pc. Interchangeable Nutdrivers



• Color-Coded Handles  
• Handy Carrying Case

**3<sup>29</sup>** Set

Drivers fit into master "power handle" to multiply torque. With insulated handles and tempered steel, rustproof sockets. All common sizes: 1/8", 3/16", 7/32", 1/4", 5/32", 3/16", 11/32", 3/8". 64-1800 ..... 3.29

A  
6 1/2" Needle Nose Pliers  
**2<sup>49</sup>**



C  
6 1/2" Slip-Joint Pliers  
**2<sup>29</sup>**

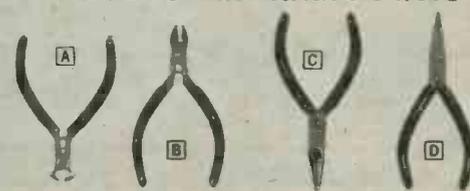


B  
6" Diagonal Wire Cutters  
**2<sup>49</sup>**



□ Hardened steel. Comfortable, insulated handle grips. 64-1844 ..... 2.49  
□ Long-life hardened steel. Insulated grips. 64-1845 ..... 2.49  
□ Adjustable claw grip size. For any electrical, mechanical job. 64-1846 ..... 2.29

## Assorted Miniature Pliers



• Insulated Grip  
• Drop Forged  
• Fully Polished

Your Choice **2<sup>69</sup>**

□ 4" Nippers. For hard, close work. 64-1840 ..... 2.69  
□ 4 1/2" Diagonal. Ideal for wire work. 64-1841 ..... 2.69  
□ 5" Long Nose. For delicate jobs. 64-1843 ..... 2.69  
□ 5" Flat Nose. General purpose. 64-1842 ..... 2.69

# There's an Archer® Tool for Every Job or Hobby

## Precision Hardware Sets

• Tempered & Hardened • With Carry Case



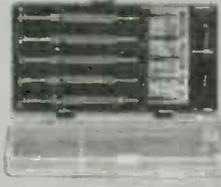
### Screwdrivers

Six precision screwdrivers in sizes from #1 to #6 in fitted plastic case. Chrome-plated brass handles; swivel tops for one-hand operations. In widths from 0.8 to 3.8mm. 64-1948 ..... 2.99



### Nutdrivers

Five nutdrivers with swivel tops, chrome-plated brass handles and torque bar. One-hand operation for delicate jobs. Fitted plastic case helps store and keep track of them. 64-1957 ..... 2.99



### Crosspoints & Hex Keys

Set of five tools. Includes two cross point screwdrivers, three hex key wrenches plus torque bar in fitted plastic case. Chrome-plated brass handles and swivel tops. One-hand operation. 64-1958 ..... 2.99

Your Choice **2.99** Each

## 7-Pc. Professional Screwdriver Set

**3.99**

NEW FOR 77



Rustproof Steel Blades

Every popular size for all fix-it jobs. Feature unbreakable easy-grip handles. Includes the following: 1/4x1 1/2" stubby, 1/4x2 1/4" midjet, 1/4x4 1/4" mechanics, 1/4x4" cabinet, 1/16x6" cabinet, #1 Phillips and #2 Phillips. Perfect for every job in home or auto. 64-1823 ..... 3.99

## 8-Pc. Interchangeable Screwdrivers

**2.49** Set



Eight separate pieces with 1 7/8" blades of hardened steel, color coded handles. Includes #0, #1, #2 Phillips (crosspoint) and 1/4", 1/16", 1/8" standard screwdrivers, scratch-awl, gimlet for starting screws. May be used individually or with torque handle for extra power. With case. 64-1835 ..... 2.49

## Folding Hex Key Tool

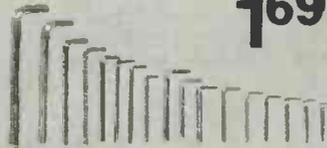
**99¢** For Car, Toolbox

Fits the six most popular hex key sizes. Great for workbench. 64-1839 ..... 99¢



## 18-Pc. Hex Key Set

**1.69**

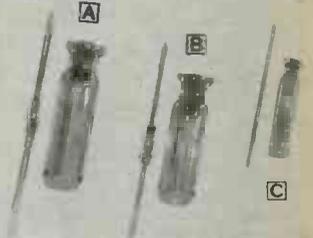


• Every Popular Size • Carry Pouch

Complete your tool box today. Short Arm sizes: .050", 1/16", 3/64", 1/32", 1/8", 3/32", 1/4", 7/32", 1/2". Long sizes: 5/16", 3/32", 1/2", 5/8", 3/4", 1", 1 1/4", 1 1/2", 1 3/4", 2". 64-1849 ..... 1.69

## Two-in-One Reversible Screwdriver Combos

Reverses miniature Phillips to miniature straight blade, instantly. 64-1949 ..... 1.69  
Reverses #1 Phillips to 1/16" standard. 64-1950 ..... 2.19  
Reverses #2 Phillips to 1/4" standard. 64-1951 ..... 2.79



## Wire Bending Jig

**1.59**



For dozens of practical and decorative applications. Bends eyes, spirals, curves, etc. 64-1960 ..... 1.59

## Etching Pen

**1.39**



Pencil shaped etching tool for easy handling. Tipped with tungsten carbide. Pocket clip. 5 7/8" long x 3/16" dia. 64-1980 ..... 1.39

## Precision Knife Set

**2.99**



Includes 10 interchangeable blades for delicate cutting operations — PC boards, engraving, more. With fitted plastic case. 64-1881 ..... 2.99

## Miniature Tool Kit

**2.19**



Contains 3 sizes regular screwdriver, crosspoint, scriber, and handle. Handy plastic stand. 64-1981 ..... 2.19

## 4-in-1 Mini-Tool Kit

**1.00**

• Plastic Pouch  
• Pocket Size



Includes three screwdrivers (2 flatheads, 1 crosspoint) and awl. All have precision tips with durable plastic chuck handles. 64-1819 ..... 1.00

## Flip-Up Magnifier

**6.95**



Break Resistant and Adjustable

Gives you extra "eye-power" for delicate PC work, jewelry-making or kit building. They stay put, leave hands free. Guard prevents glare. Lightweight — wear for hours without fatigue. Headband adjusts to any size. 5 1/2 x 1 1/2". 63-845 ..... 6.95

## Illuminating Magnifier

**1.98**

• 4X Magnification  
• Bright Enlargements



Small enough to put in your pocket or purse — great for working with small parts or print. High-impact molded case. Requires just 2 "AA" cells. 63-846 ..... 1.98

## Combination Telescope & Microscope

**2.99**



Convenient Pocket Size

Two instruments in one! It's a 8X telescope with adjustable focus barrel and a 30X microscope with removable eye-piece. Pocket clip. 63-844 ..... 2.99

## 3X Power Magnifier

**1.99**

Wide Field of View  
Chrome Plated Frame  
Handy for Home,  
Car, Lab



Ideal for reading maps and small type, inspecting PC boards, working on jewelry, watches, microcircuits. Big 3" lens for wide-angle viewing. A huge value for technicians, hobbyists — just about anyone. 63-847 ..... 1.99

# Make It Easier with Archer® Butane Torches and Tools

**Archer Handheld Torch  
Welds, Brazes, Cuts Most Metals**

**19<sup>95</sup>**

- Develops Over 5000° Pinpoint Flame
- Includes 1 Butane and 2 Safely Sealed "Micronox" Cylinders—Each Lasts Up to 30 Minutes

The "welding shop you hold in your hand"—safe and easy to use! Cylinders install quickly, and thumbscrews hold them securely in place—gaskets prevent leakage. Three tips, for soldering, welding and brazing, are included. Only 5½x2x1¼". 64-2165 ..... 19.95

Extra Butane Cylinders. 64-2166 ..... 2 for 1.69  
Extra "Micronox" Cylinders. 64-2167 ..... 2 for 1.69



**Miniature Butane  
Torch with Refill**

Can Heat to 2500°

**5<sup>49</sup>**

Flame is easily adjusted to produce precise, controlled heat for thermoplastic welding, soldering, hobby and craft work; removes paint, putty, more! Cylinders last up to 60 minutes each! 64-2164 ..... 5.49  
Extra Butane Cylinders. 64-2166 .... 2 for 1.69



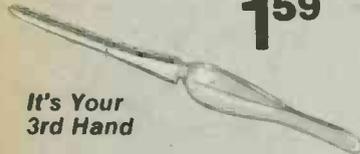
Replacement Cylinder  
Fully Self-Contained

**Clamp-Type  
Soldering Tweezers**

**1<sup>59</sup>**

*It's Your  
3rd Hand*

Blunt, self-closing serrated points for extra holding power; 6½" long for getting into tight spots. Nickel-plated forged steel. 64-1915 ..... 1.59



**Locking Pocket Knife**

**2<sup>19</sup>**

A precision cutting blade, a combination scraper/screwdriver and safety lock. Rugged handle and chain loop. 64-2136 ..... 2.19

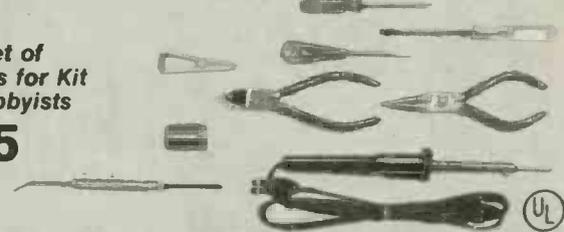


**Complete Science Fair Electronic Tool Kit**

*9-Piece Set of  
Popular Tools for Kit  
Builders, Hobbyists*

**9<sup>95</sup>**

Everything you need to assemble almost any Science Fair electronics project: 30-watt pencil soldering iron with stand, solder, solder aid, two pliers, three screwdrivers (one cross point, one with special built-in wire stripper), and heat sink. 64-2801 ..... 9.95



**Miniature  
Utility Knife**

**1<sup>19</sup>**

*Locks In 4-Positions*

For cutting, trimming or scoring. Perfect for opening packages. Compact 2½". 64-1852 ... 1.19



**Warding File Set**

*For Cutting,  
Shaping*

**1<sup>29</sup>**

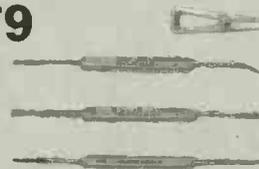
Set includes triangular, spiral and two flat files for precise, rapid cutting. 64-1838 ..... 1.29



**"Solder-Ease"  
4-Piece Soldering Kit**

**2<sup>79</sup>**

Includes heat sink, brush/scraper, pointed and slotted probes. 64-2227 ..... 2.79

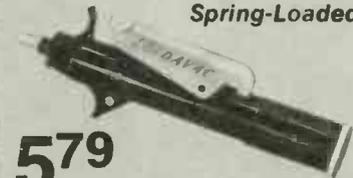


**Desoldering Tool**

*Spring-Loaded*

**5<sup>79</sup>**

Set the plunger and it's ready for instant, powerful vacuum desoldering. 64-2085 ..... 5.79



**Safety Scraper**

*4 Super +  
Platinum  
Blades  
Included*

**99¢**

1½" wide blade cuts, trims, scrapes almost anything. Blade locks in open or closed position. All metal. 64-1858 ..... 99¢

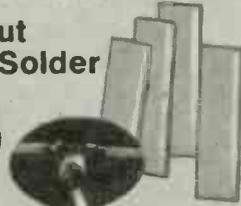


**Pre-Cut  
Tape Solder**

**1<sup>19</sup>**

*Solder with a Match*

Wrap tape around twisted wires, apply moderate heat (with even a match or candle!), and get a good connection every time. 64-010 ..... 100 for 1.19



**"Solder-Up" Remover  
Wick**

**1<sup>49</sup>**

*Selective  
Desoldering*

For repairing or revising circuits. Use with soldering iron to desolder anything from micro-circuits to large lugs. 5' roll. 64-2090 ..... 1.49



**Desoldering  
Vacu-Bulb**

**1<sup>99</sup>**

- Teflon Tip
- Safe & Fast

Takes up solder easily, without splattering. Easy-to-clean, no-stick tip won't mar new connections. 64-2086 ..... 1.99



# Join with The Best: Archer Soldering Supplies

## "Custom Design" Your Own Soldering Iron

Handle **299**  
 2 Long-Life Tips **289**

### Quick 'n Easy Thread-On Tips

Interchangeable heating units and tips make a complete, low-priced "workshop". Start with the fatigue-free "Cool-Grip" polypropylene handle. Add long-life heating elements and thread-on copper alloy or iron-clad tips—and you're set for any soldering job! Heating units U.L. listed.

3 Copper Tips **239**  
 27-Watt Element **299**  
 42-Watt Element **379**  
 50-Watt Element **499**

Cat. No.	Description	Watts	EACH
64-2080	Cool-Grip Handle	...	2.99
64-2081	600-650°F Heating Unit	27	2.99
64-2082	750-800°F Heating Unit	42	3.79
64-2083	850-900°F Heating Unit	50	4.99
64-2084	Light, Med., Heavy Duty Tips (Pkg. of 3)	...	2.39
64-2089	Long-Life Iron Clad Light-Duty Tips (Pkg. of 2)	...	2.89

## Cordless, Rechargeable Soldering Iron

**19<sup>95</sup>**



**Solders Up to 100 Connections Per Charge**

**With AC Cord, Recharging Plug**

No more cord tangle—and you can take it with you for easy soldering anywhere. Heats up in only 5 to 10 seconds; high-efficiency copper tip spreads solder evenly. Easy-grip handle, pushbutton on/off, built-in worklight. You never need to change the sealed-in nickel cadmium battery—just plug into 120 VAC and recharge it overnight! 64-2075 ..... **19.95**  
 Replacement Tip. 64-2076 ..... **1.99**



## "Pro" Dual-Heat Soldering Iron

**12<sup>95</sup>**

- 140 or 100 Watts
- Built-In Spotlight

Trigger selector gets either temperature quickly. Spotlight for accuracy even in hard-to-get areas. Copper tip spreads solder evenly. Lightweight, comfortable to hold. 64-2190 ..... **12.95**

**Replacement Tips for Archer & Weller Guns**

Cat. No.	For Use With	Pkg. of 2
64-237	Archer 64-2190, Weller 8200 and D440	1.19
64-234	Weller D550	1.19

## 42-Watt "Pencil" Iron



**3<sup>99</sup>**

Includes Stand

- Durable!
- Stays Cool
- Lightweight
- Firm Grip

42 watts of soldering power in a 3-oz. iron. Nichrome mica insulated element, 1/4" screw-in tip. Fast heat-up, 600-640°F. For 120 VAC. 64-2071 ..... **3.99**  
 Replacement Tip. 64-2072 ..... **99¢**

## 25-Watt "Pencil" Iron

**3<sup>29</sup>**



Includes Stand

Same features as 42-watt iron above, but with 5/32" tip. Heats delicate work gently and evenly after 90 seconds warmup. For 120 VAC. 64-2070 ..... **3.29**  
 Replacement Tip. 64-2073 ..... **79¢**

## Rosin Core Electronic Solder

60 Percent Tin, 40 Percent Lead

Low As **69¢** Meets QQ-571D Federal specifications. Low-viscosity for easy handling, quick melting. Non-corrosive, non-conducting rosin core.

Cat. No.	Quantity	Gauge	Use	EACH
64-001	0.59-oz. Handy Pak	16	Standard	.69
64-002	1.51-oz. Bench Spool	16	Standard	1.19
64-004	4.21-oz. Spool	16	Standard	2.89
64-005	2.64-oz. Spool	18	Light Duty	2.69
64-006	2.64-oz. Spool	20	PC Work	2.49
64-007	1/2-lb. Spool	16	Standard	3.39

## "Clean-Tip" Sponge

**1<sup>99</sup>**

- Doubles Tip Life
- Removes Excess Solder, Corrosion

Keeps your soldering tips clean for efficient heat transfer. 64-2087 ..... **1.99**

## Soldering Iron Holder

**2<sup>99</sup>**



- Fits Any Iron
- Made for Safety

Protects user and work area. Just place iron inside holder—coil dissipates heat rapidly. Anti-slip "feet". For horizontal surfaces. 64-2079 ..... **2.99**

## 30-Watt Pencil-Type Soldering Iron



Long-Life Heating Element with Screw-In Tip

**2<sup>69</sup>**

Lightweight; easy to handle in tight spots! Stay-cool grip. Heats almost instantly. 7" long. 120 VAC. With stand. 64-2067 ..... **2.69**  
 Replacement Tip. 64-2065 ..... **Each 79¢**

## "Cool-Grip" 30-Watt Soldering Gun

Trigger-Grip Handle

**3<sup>49</sup>**



Excellent for general-purpose soldering. Reaches operating temperature in seconds! Balanced for fatigue-free handling. For 120 VAC. With stand. 64-2066 ..... **3.49**  
 Replacement Tip. 64-2065 ..... **Each 79¢**

# RADIO SHACK® USA STORE/DEALER DIRECTORY

## ALABAMA 91 STORES

ALBERTVILLE\*  
ALEXANDER CITY\*  
ANDALUSIA\*  
ANNISTON\*  
ARAB\*  
ATMORE\*  
AUBURN\*  
BAY MINETTE\*  
BESSMER\*  
BIRMINGHAM (10)  
BRANTLEY\*  
BREWTON\*  
CENTER POINT\*  
CHICKASAW\*  
CHILDERSBURG\*  
CLANTON\*  
CULLMAN\*  
DADEVILLE\*  
OALEVILLE\*  
OECATUR\*  
DEWOPOLIS\*  
DOTHAN (2)\*  
ENTERPRISE\*  
EVERGREEN\*  
FAIRFIELD\*  
FAIRHOPE\*  
FAYETTE\*  
FLORISSA\*  
FLORENCE\*  
FOLEY\*  
FORT PAYNE\*  
GADSDEN\*  
GARONDALE\*  
GENEVA\*  
GREENVILLE\*  
GUNTERSVILLE\*  
HALLSVILLE\*  
HAMILTON\*  
HARTSELLE\*  
HUNTSVILLE (3)\*  
JACKSON\*  
JASPER\*  
LEEDS\*  
LEXINGTON\*  
MARION\*  
MIDFIELD\*  
MOBILE (5)\*  
MONROEVILLE\*  
MONTEVALLO\*  
MONTGOMERY (4)\*  
MUSCLE SHOALS\*  
NEW DORA\*  
OPP\*  
OXFORD\*  
OZARK\*  
PELHAM\*  
PELL CITY\*  
PIEDMONT\*  
ROANOK\*  
RUSSELLVILLE\*  
SCOTTSBORO\*  
SELMA\*  
SULLIGENT\*  
SYLACAUGA\*  
TALADEGA\*  
THOMASVILLE\*  
TROY\*  
TUSCALOOSA (2)\*  
VERNON\*  
WINFIELD\*

## ALASKA 9 STORES

ANCHORAGE\*  
CORDOVA\*  
FAIRBANKS\*  
HAINES\*  
KETCHIKAN\*  
KODIAK\*  
PALMER\*  
SITKA\*  
SOLOOTNA\*

## ARIZONA 65 STORES

BULLHEAD CITY\*  
CASA GRANDE\*  
CHANDLER\*  
COOLIDGE\*  
COTTONWOOD\*  
DOUGLAS\*  
FLAGSTAFF\*  
GLENDALE (2) (1)\*  
GLOBE (2)\*  
HOLBROOK\*  
KINGMAN (2)\*  
LAKE HAVASU\*  
LITCHFIELD PARK\*  
MESA (3)  
NOGALES\*  
PAGE\*  
PAYSON\*  
PEORIA\*  
PHOENIX (15)  
PINETOP\*

PRESOTT\*  
SAFFORD\*  
ST. JOHNS\*  
SCOTTSDALE\*  
SEDONA\*  
SIERRA VISTA\*  
SUPERIOR\*  
TEMPE (4)\*  
TUCSON (9)\*  
WICKENBURG\*  
WILLOW\*  
WINSLOW\*  
YUMA\*

## ARKANSAS 57 STORES

ARKADELPHIA\*  
ASHDOWN\*  
BATESVILLE\*  
BENTON\*  
BLYTHEVILLE\*  
BRINKLEY\*  
CAMDEN\*  
CONWAY\*  
CORNING\*  
CROSSETT\*  
DUMAS\*  
EL OBRADO\*  
FAYETTEVILLE\*  
FORDYCE\*  
FORREST CITY\*  
FORT SMITH\*  
GURDON\*  
HARRISON\*  
HELENA\*  
HOT SPRINGS (1) (1)\*  
HUGHES\*  
JACKSONVILLE\*  
JONESBORO\*  
LITTLE ROCK (6)\*  
MAGNOLIA\*  
MALVERN\*  
MARIANNA\*  
MEMA\*  
MORRILTON\*  
MOUNTAIN HOME\*  
NEWPORT\*  
NO. LITTLE ROCK\*  
PARAGOULD\*  
PINE BLUFF\*  
POCAHONTAS\*  
PRESOTT\*  
ROGERS\*  
RUSSELLVILLE\*  
SALEM\*  
SEARCY\*  
SHERIDAN\*  
SILOAM SPRINGS\*  
SPRINGDALE\*  
STUTTGART\*  
TEXARKANA\*  
VAN BUREN\*  
WALNUT RIDGE\*  
WARREN\*  
WEST HELENA\*  
WEST MEMPHIS\*  
WYNNIE\*

## CALIFORNIA 427 STORES

ALAMEDA (2)  
ALBANY\*  
ALHAMBRA\*  
ALTURAS\*  
ANAHEIM (3)\*  
ANGEL'S CAMP\*  
ARCADIA\*  
ATASCADERO\*  
AUBURN\*  
BAKERSFIELD (2)\*  
BALDWIN PARK\*  
BANNING\*  
BARSTOW\*  
BELL\*  
BELMONT\*  
BERKELEY (2)\*  
BEVERLY HILLS\*  
BIG BEAR LAKE\*  
BISHOP\*  
BLYTHE\*  
BUENA PARK\*  
BURBANK\*  
BURLINGAME\*  
CALEXICO\*  
CALIFORNIA CITY\*  
CANAVERILL\*  
CAMBRIA\*  
CANOGA PARK (3)\*  
CARLSBAD\*  
CARMICHAEL (2)\*  
CARPINTERIA\*  
CARSON (2)\*  
CASTRO VALLEY\*  
CERRITOS (3)\*  
CHATSWORTH\*  
CHICO\*  
PAGE\*  
CHINA\*  
CHULA VISTA (2)\*  
CITRUS HEIGHTS (3)\*  
CITY OF INDUSTRY\*  
CLOVIS\*  
COLINGA\*

COLTON\*  
CONCORD (2)\*  
CORONA\*  
CORONA DEL MAR\*  
CORTE MADERA\*  
COSTA MESA (2)\*  
COVINA\*  
CRESCENT CITY\*  
CULVER CITY (2)\*  
CUPERTINO\*  
CYPRESS\*  
DALY CITY (2)\*  
DANVILLE\*  
DAVIS\*  
DELANO\*  
OEL MAR\*  
DESERT HOT SPRINGS\*  
DIABLO\*  
DOWNEY\*  
EL CAJON\*  
EL CENTRO\*  
ELK GROVE\*  
EL MONTE\*  
ENCINO\*  
ESCONDIDO\*  
CONWAY\*  
EXETER\*  
FAIRFIELD\*  
FAIR OAKS\*  
FALLBROOK\*  
FONTANA\*  
FORT BRAGG\*  
FOUNTAIN VALLEY (2)\*  
FREEDOM\*  
FREMONT (3)\*  
FRESNO (7)\*  
FULLERTON (3)\*  
GALT\*  
GARDEN GROVE (2)\*  
GILROY\*  
GLENDALE (2)\*  
GLENORA\*  
GOLETA (2)\*  
GRANADA HILLS (2)\*  
GRASS VALLEY\*  
GROVER CITY\*  
GUSTINE\*  
HACIENDA HEIGHTS\*  
HANFORD\*  
HAYWARD (2)\*  
HEMET\*  
HOLLISTER\*  
HOLLYWOOD\*  
HUNTINGTON BEACH (2)\*  
HUNTINGTON PARK\*  
IMPERIAL BEACH\*  
INDIO\*  
INGLEWOOD (2)\*  
IONE\*  
KERMAN\*  
KING CITY\*  
LAFAYETTE\*  
LAGUNA BEACH\*  
LAGUNA HILLS\*  
LAGUNA NIGUEL\*  
LA HABRA (2)\*  
LA JOLLA\*  
LAKEPORT\*  
LAKEWOOD\*  
LA MESA\*  
LA MIRADA\*  
LANCASTER\*  
LA PUENTE\*  
LAWNOLE\*  
LIVERMORE\*  
LODI\*  
LOMOUC (1) (1)\*  
LONG BEACH (4)\*  
LOS ALTOS\*  
LOS ANGELES (14)\*  
LOS BANOS (1) (1)\*  
LOS GATOS (2)\*  
LYNNWOOD\*  
MADERA\*  
MANTENO\*  
MARINA DEL REY\*  
MARYSVILLE\*  
MERCED\*  
MILPITAS\*  
MISSION HILLS\*  
MISSION VIEJO\*  
MODesto\*  
MONROVIA\*  
MONTEBELLO (2)\*  
MONTERY\*  
MONTERY PARK\*  
MOUNTAIN VIEW (2)\*  
NAPA (2)\*  
NATIONAL CITY\*  
NEEDLES\*  
NEWARK\*  
NEWBURY PARK\*  
NEWHALL\*  
NORTH HIGHLANDS\*  
NORTH HOLLYWOOD (2)\*  
NORTHRIDGE\*  
NORWALK (2)\*  
NOVATO\*  
OAKDALE\*  
OAKHURST\*  
OAKLAND (6)\*  
OCEANSIDE\*  
OILDALE\*  
OJAI\*  
ONTARIO\*  
ORANGE (3)\*

ORLANDO\*  
ORVILLE\*  
OXNARD (2)\*  
PACIFICA\*  
PACIFIC BEACH\*  
PALMDALE\*  
PALM SPRINGS\*  
PALO ALTO\*  
PANORAMA CITY\*  
PARAMOUNT\*  
PASADENA\*  
PASO ROBLES (2)\*  
PETALUMA\*  
PITTSBURG\*  
PLACERVILLE\*  
PLEASANT HILL\*  
POMONA (2)\*  
PORTERVILLE\*  
POWAY\*  
QUINCY\*  
RAMONA\*  
RANCHO CORDOVA\*  
REO BLUFF\*  
REDDING\*  
REDLANDS\*  
REDON BEACH\*  
REDWOOD CITY (2)\*  
REDELY\*  
RESEDA\*  
RIALTO\*  
RIDGECREST\*  
RIVERSIDE (3)\*  
ROSEMead\*  
ROSELIE\*  
ROWLAND HEIGHTS\*  
SACRAMENTO (12)\*  
SALINAS (2)\*  
SAN BERNARDINO (3)\*  
SAN BRUNO\*  
SAN CARLOS\*  
SAN CLEMENTE\*  
SAN DIEGO (11)\*  
SAN FRANCISCO (12)\*  
SANGER\*  
SAN JACINTO\*  
SAN JOSE (13)\*  
SAN JUAN CAPISTRANO\*  
SAN LUIS OBISPO\*  
SAN MATEO (2)\*  
SAN PABLO\*  
SAN PEDRO\*  
SAN RAFAEL (2)\*  
SANTA ANA (4)\*  
SANTA BARBARA (2)\*  
SANTA CLARA\*  
SANTA CRUZ\*  
SANTA MARIA\*  
SANTA MONICA\*  
SANTA ROSA (2)\*  
SAUGUS\*  
SEAL BEACH\*  
SHERMAN OAKS\*  
SIMI VALLEY (2)\*  
SOLEDAD\*  
SOLVANG\*  
SONORA\*  
SO. LAKE TAHOE\*  
SO. PASADENA\*  
SOUTH FRANCISCO (2)\*  
SPRING VALLEY\*  
STOCKTON (5)\*  
STUDIO CITY\*  
SUNNYVALE\*  
SUSANVILLE\*  
SYLMAR\*  
TATA\*  
TAYLOR (1) (1)\*  
TECATE\*  
TEHACHAPI\*  
THOUSAND OAKS\*  
TORRANCE (3)\*  
TUNJUNGA\*  
TULARE\*  
TURLOCK\*  
TUSTIN\*  
TWENTY-NINE PALMS\*  
UKIAH\*  
UNION CITY\*  
UPLAND\*  
VACAVILLE\*  
VALLEJO (2)\*  
VANDERBILT\*  
VENTURA\*  
VICORVILLE\*  
VICTA PARK\*  
VISALIA\*  
VISTA\*  
WALNUT CREEK (2)\*  
WASCO\*  
WATSONVILLE\*  
WEST COVINA (2)\*  
WESTMINSTER (2)\*  
WHITTIER\*  
WOODLAND\*  
WOODLAND HILLS\*  
YREKA\*  
YUBA CITY\*

## COLORADO 84 STORES

ALAMOSA\*  
ARVADA (2)\*  
ASPEN\*  
AUBURN

AURORA (5)\*  
BOULDER (2)\*  
BRIGHTON\*  
COLORADO SPRINGS (5)\*  
COMMERCE CITY\*  
CRAIG\*  
DENVER (11)\*  
ENGLEWOOD\*  
ESTES PARK\*  
EVERGREEN\*  
FORT COLLINS (2)\*  
LAMA\*  
GRAND JUNCTION\*  
GREELEY (3)\*  
GUNNISON\*  
JULESBURG\*  
LAKEWOOD (3)\*  
LAFAYETTE\*  
LITTLETON (3)\*  
LONGMOUNT\*  
LOVELAND\*  
MONTE VISTA\*  
MONTROSE\*  
NORTH GLENN\*  
PUEBLO\*  
ROCKY FORD\*  
SALIDA\*  
SPRINGFIELD\*  
STERLING\*  
THORNTON\*  
WESTMINSTER\*  
WHEATRIDGE\*  
WINDSOR\*

## CONNECTICUT 48 STORES

ANSONIA\*  
BLOOMFIELD\*  
BRIDGEPORT\*  
BRIDGEPORT\*  
BRISTOL\*  
BROOKFIELD\*  
COS CDB\*  
DANIELSON\*  
EAST HARTFORD\*  
ENFIELD\*  
FAIRFIELD\*  
GLASTONBURY\*  
GROTON\*  
GUILFORD\*  
HAMDEN\*  
HARTFORD\*  
MANTCHESTER\*  
MERIDAN\*  
MIDDLETOWN\*  
MILFORD\*  
NAUGATUCK\*  
NEW BRITAIN\*  
NEW HAVEN\*  
NEW LONDON\*  
NORWICH\*  
OLD SAYBROOK\*  
ORANGE\*  
PUTNAM\*  
RIDGEFIELD\*  
SHIMSBURY\*  
SOUTHINGTON\*  
SOUTH NORWALK\*  
STAMFORD (2)\*  
STEPNEY\*  
TORRINGTON\*  
TRUMBULL (2)\*  
VERNON\*  
WALLINGFORD\*  
WATERBURY (2)\*  
WEST HARTFORD\*  
WESTPORT\*  
WETHERSFIELD\*  
WILLIAMANTIC\*  
WILTON\*  
WINDSOR\*

## DELAWARE 8 STORES

CLAYMONT\*  
DOVER\*  
NEWARK\*  
NEW CASTLE\*  
SEAFORD\*  
WILMINGTON (3)\*

## DISTRICT OF COLUMBIA 2 STORES

WASHINGTON, DC (2)

## FLORIDA 162 STORES

ALATAMONTE\*  
ARCADIA\*  
BELLE GLADE\*  
BOCA RATON (2)\*  
BOYNTON BEACH\*  
BRADENTON\*  
BRANDON\*  
BROOKSVILLE\*  
CAPE CORAL\*  
CASSELBERRY\*

CHIEFLAND\*  
CHIPLEY\*  
CLEARWATER (3)\*  
CLEWISTON\*  
COCOA BEACH\*  
CORAL GABLES (2)\*  
CRESCENT CITY\*  
CRESTVIEW\*  
CRYSTAL RIVER\*  
DADE CITY\*  
DAYTONA BEACH\*  
DEERFIELD BEACH\*  
DE FUJIAK SPRINGS\*  
DE LAND (1) (1)\*  
DELRAY BEACH\*  
DUNEDIN\*  
EDGEWATER\*  
EUSTIS\*  
FERNANDINA BEACH\*  
FORT LAUDERDALE (6)\*  
FORT MYERS\*  
FORT PIERCE\*  
FORT WALTON BEACH\*  
GAINESVILLE (3)\*  
HALLANDALE\*  
HOLLYWOOD (2)\*  
HOMESTEAD\*  
IMMOKALEE\*  
JACKSONVILLE (7)\*  
JACKSONVILLE BEACH\*  
KEY WEST\*  
KISSIMMEE\*  
LAKELAND (2)\*  
LAKE PLACID\*  
LAKE WALES\*  
LAKEWORTH\*  
LANTANA\*  
LARGO\*  
LAUDERHILL\*  
LEESBURG\*  
LIVE OAK\*  
MARATHON\*  
MARGATE\*  
MARIANNA\*  
MARY ESTHER\*  
MELBOURNE\*  
MERRITT ISLAND\*  
MIAMI (14)\*  
MIRAMAR\*  
NAPLES\*  
NORTH FT. MYERS\*  
NORTH MIAMI\*  
NORTH MIAMI BEACH (2)\*  
OAKLAND PARK\*  
OCALA\*  
OKEECHOBEE\*  
ORANGE PARK (2)\*  
ORLANDO (6)\*  
ORMOND BEACH\*  
PANAMA CITY (1) (1)\*  
PENSACOLA (3)\*  
PLANTATION\*  
POMPANO BEACH (2)\*  
PORT RICHEY (2)\*  
QUINCY\*  
SANFORD\*  
SMALLTIE BEACH\*  
ST. AUGUSTINE\*  
ST. PETERSBURG (4)\*  
SARASOTA (2)\*  
SEMINOLE\*  
SOUTH DAYTONA\*  
STUART\*  
TALLAHASSEE (2)\*  
TAMPA (6)\*  
TARPON SPRINGS\*  
TEMPLE TERRACE\*  
TITUSVILLE\*  
VENICE\*  
WEST PALM BEACH (2)\*  
WINTER HAVEN\*  
WINTER PARK\*  
ZEPHYRHILLS\*

## GEORGIA 112 STORES

ALBANY\*  
ATHENS\*  
ATLANTA (15)\*  
AUGUSTA\*  
AUSTELL\*  
BAINBRIDGE\*  
BAXLEY\*  
BRUNSWICK (1) (1)\*  
BUFORD\*  
CALHOUN\*  
CARROLLTON\*  
CHARTERSVILLE\*  
CHATSWORTH\*  
CLAYTON\*  
COLLEGE PARK\*  
COLUMBUS (3)\*  
COMMERCE\*  
CONYERS\*  
CORDELE\*  
CORNELIA\*  
COVINGTON\*  
DALTON (1) (1)\*  
DARIEN\*  
DECATUR (4)\*  
DE KALB\*

DONALSONVILLE\*  
DORAVILLE\*  
DOUGLAS\*  
DOUGLASVILLE\*  
DUBLIN\*  
EASTMAN\*  
EAST POINT\*  
ELLIJAY\*  
FITZGERALD\*  
FOREST PARK\*  
FORT VALLEY\*  
GAINESVILLE (1) (1)\*  
GARDEN CITY\*  
GRIFIN\*  
HARTWELL\*  
HINESVILLE\*  
JASPER\*  
JESUP\*  
JONESBORO\*  
LAFAYETTE\*  
LA GRANGE\*  
LAWRENCEVILLE\*  
LILBURN\*  
LITHONIA\*  
MABLETON\*  
MACON (3)\*  
MANCHESTER\*  
MARIETTA (4)\*  
MARTINEZ\*  
MILLEDGEVILLE\*  
MOULTRIE\*  
NEWNA\*  
NORCROSS\*  
RINGGOLD\*  
RIVERDALE\*  
ROCKMART\*  
ROME (2)\*  
ROSSVILLE\*  
ROSWELL\*  
ROYSTON\*  
SANDERSVILLE\*  
SAVANNAH (2)\*  
SMYRNA\*  
SNELLVILLE\*  
STATESBORO\*  
STONE MOUNTAIN\*  
SUMMERWILKES\*  
SWAINSBORO\*  
THOMASTON\*  
THOMASVILLE\*  
TOCCOA\*  
TRENTON\*  
VALDOSTA\*  
VIDA\*  
WAINWRIGHT\*  
WARNER ROBINS\*  
WAYCROSS\*  
WEST POINT\*  
WINDER\*

## HAWAII 5 STORES

AIEA\*  
HILO\*  
HONOLULU\*  
KANEHE\*  
KIHEI, MAUI\*

## IDAHO 36 STORES

AMERICAN FALLS\*  
ARCO\*  
BLACKFOOT\*  
BOISE (2)\*  
BONNERS FERRY\*  
BURLEY\*  
CALDWELL\*  
COEUR D'ALENE (1) (1)\*  
CODDING\*  
GRANGEVILLE\*  
HAILEY\*  
IDAHO FALLS (2)\*  
JEROME\*  
LEWISTON\*  
MALAD CITY\*  
MC CALL\*  
MOSCOW\*  
MOUNTAIN HOME\*  
MOUNTAIN VIEW\*  
MOUNTAIN VIEW\*  
PEKIN (2)\*  
PEORIA (6)\*  
PERU\*  
PETERSBURG\*  
POCATELLO\*  
PRESTON\*  
REXBURG\*  
RUPERT\*  
ST. MARIE'S\*  
SALMON\*  
SANDPOINT\*  
SODA SPRINGS\*  
TWIN FALLS\*  
WAYCROSS\*

## ILLINOIS 179 STORES

ALSP\*  
ALATAMONT\*  
AURORA (2)\*  
BELLEVILLE (2)\*

BELVIDERE\*  
BENSENVILLE\*  
BENTON\*  
BLOOMINGTON\*  
BLUE ISLAND\*  
BRADLEY\*  
BROADVIEW\*  
BUFFALO GROVE\*  
BURBANK\*  
CAHOKIA\*  
CALUMET CITY\*  
CANTON\*  
CARBONDALE\*  
CARLYLE\*  
CARMI\*  
CENTRALIA\*  
CHAMPAIGN\*  
CHESTER\*  
CHICAGO (12) (1)\*  
CICERO\*  
CLARENDON HILLS\*  
COLUMBIA\*  
CRYSTAL LAKE\*  
OANVILLE\*  
DECATUR (2)\*  
DE KALB (2)\*  
DES PLAINES\*  
DIXON\*  
DOLTON\*  
DOWNERS GROVE (2)\*  
DU QUIN\*  
EAST ALTON\*  
EAST ST. LOUIS\*  
EDWARDSVILLE\*  
EFFINGHAM\*  
ELGIN\*  
EVANSTON\*  
FAIRFIELD\*  
FAIRVIEW HGTS.\*  
FARM CITY\*  
FOX LAKE\*  
FRANKLIN PARK\*  
FREEPORT\*  
GALESBURG\*  
GIBSON CITY\*  
GLEN ELLYN\*  
GLENDEN\*  
GODFREY\*  
GRANITE CITY\*  
HANOVER PARK (2)\*  
HARRISBURG\*  
HAWANA\*  
HAZEL CREST\*  
HICKORY HILLS\*  
HIGHLAND\*  
HIGHLAND PARK\*  
HILLSBORO\*  
HILLSIDE\*  
HOMERWOOD\*  
JACKSONVILLE\*  
JERVISVILLE\*  
JOLIET\*  
KANKAKEE\*  
LA GRANGE\*  
LANSING\*  
LIBERTYVILLE\*  
LINCOLN\*  
LITCHFIELD\*  
LOCKPORT\*  
LOMBARD (2)\*  
MACOMB\*  
MARENGO\*  
MATTESON\*  
MATTOON\*  
MOLINE (2)\*  
MONTICELLO\*  
MT. PROSPECT (2)\*  
MT. VERNON\*  
NASHVILLE\*  
NEWTON\*  
NILES (2)\*  
NORMAL\*  
NORRIDGE\*  
NORTH RIVERSIDE\*  
OAK LAWN\*  
OLNEY\*  
OTTAWA\*  
PALATINE\*  
PALOS HGTS.\*  
PARIS\*  
PARK FOREST\*  
PARK RIDGE\*  
PEKIN (2)\*  
PEORIA (6)\*  
PERU\*  
PETERSBURG\*  
PITTSBURG\*  
PONTIAC\*  
QUINCY\*  
RANTOUL\*  
RICHTON PARK\*  
ROCKFORD (4)\*  
ROCK ISLAND (2)\*  
ROLLING MEADOWS\*  
ROUND LAKE BEACH\*  
ST. CHARLES\*  
SCHUMBERG (2)\*  
SKOKIE\*  
SPRINGFIELD (2)\*  
STAUNTON\*  
STERLING\*  
STREATOR\*  
TAYLORVILLE (2)\*  
TINLEY PARK\*  
VILLA PARK\*

# SEE YOUR PHONE BOOK FOR OUR STORE NEAR YOU

VIROEN\*  
WATSEKA\*  
WAUKEGAN (2)  
WEST DUNOUE  
WEST FRANKFORT\*  
WHEATON  
WHEELING (2)  
WINNETKA  
WORTH  
ZION

## INDIANA 102 STORES

ANDERSON (2)  
AUBURN\*  
AUDORA\*  
BEFORD\*  
BLOOMINGTON  
BOONVILLE\*  
CANNELTON\*  
CHARLESTOWN\*  
CLARKSVILLE  
CLINTON\*  
COLUMBUS  
CONNERSVILLE\*  
CORYDON\*  
CRAWFORDSVILLE  
CROWN POINT  
DECATUR\*  
DELPHI\*  
DYER  
ELKHART  
EVANSVILLE (3)  
FT. WAYNE (5)  
GARY (3)  
GREENCASTLE\*  
GREENFIELD  
GREENSBURG\*  
HAMMOND  
HARTFORD CITY\*  
HIGHLAND  
INDIANAPOLIS (19)  
JASPER\*  
JEFFERSONVILLE  
KOKOMO (2)  
LAFAYETTE (2)  
LA PORTE  
LOGANSPOUT  
LOWELL\*  
MAOISON\*  
MARIION (1) (1)\*  
MARTINSVILLE\*  
MERRILLVILLE  
MICHIGAN CITY  
MISHAWAKA  
MONTICELLO\*  
MUNDOE (2)  
NEW ALBANY  
NEW CASTLE  
NORTH VERNON\*  
PERU (1) (1)\*  
PLYMOUTH\*  
PRINCETON\*  
RINSELLAER\*  
RICHMOND  
RUSHVILLE\*  
SCOTTSBURG\*  
SEYMOUR\*  
SHELBYVILLE  
SOUTH BEND (2)  
TERRE HAUTE (3)  
TIPTON\*  
UNION CITY\*  
VALPARAISO  
VERSAILLES\*  
VEVAY\*  
VINCENNES  
WASGAS\*  
WARSAW  
WASHINGTON

## IOWA 49 STORES

AMES (2)  
ANKENY  
ATLANTIC\*  
BETTENDORF  
BLOOMFIELD\*  
BURLINGTON  
CARROLL\*  
CEDAR FALLS  
CEDAR RAPIDS (2)  
CHARLES CITY\*  
CLINTON  
COUNCIL BLUFFS  
OAVENPORT (2)  
DES MOINES (6)  
DEWITT\*  
DUBUQUE (2)  
ELGIN\*  
FAIRFIELD\*  
FORT DODGE  
HARLAN\*  
IOWA CITY  
IOWA FALLS  
KEOKUK\*  
KNOXVILLE\*  
LE MARS\*  
MARSHALLTOWN (1) (1)\*  
MASON CITY

MUSCATINE  
NEWTON  
OAKLAND\*  
OSKAUGOOSA\*  
OTTUMWA  
PERRY\*  
SHELDON\*  
SIBLEY\*  
SIOUX CITY  
SPENCER\*  
WATERLOO  
WEST DES MOINES

## KANSAS 66 STORES

ABILENE\*  
ARKANSAS CITY\*  
BAXTER SPRINGS\*  
BELOIT\*  
BURLINGTON\*  
CHANUTE\*  
COFFEYVILLE\*  
COLBY\*  
CONCORDIA\*  
DODGE CITY (2)\*  
EL DORADO\*  
EMPORIA\*  
EUREKA\*  
GARDEN CITY\*  
GARNETT\*  
GOODLAND\*  
GREAT BEND\*  
GREENSBURG\*  
HALSTEAD\*  
HAYS\*  
HIAWATHA\*  
HOLTON\*  
HOXIE\*  
HUTCHINSON\*  
INDENECENCE\*  
IOLA\*  
JUNCTION CITY\*  
KANSAS CITY (2)  
KINGMAN\*  
LANSING\*  
LAWRENCE  
LEAVENWORTH  
LEAWOOD  
LEOTI\*  
LIBERAL\*  
MANHATTAN  
MC PHERSON\*  
MISSION  
MULVANE\*  
OBERLIN\*  
OLATHE  
OSAWATOMIE\*  
OVERLAND PARK (2)  
PARSONS\*  
PITTSBURG\*  
PRATT\*  
RUSSELL\*  
SABETHA\*  
SALINA  
SCOTT CITY\*  
SHAWNEE MISSION  
STAFFORD\*  
TOPEKA (2)  
LYSSES\*  
WASHINGTON\*  
WICHITA (7)

## KENTUCKY 68 STORES

BARBOURVILLE\*  
BARSTOWN\*  
BENTON\*  
BOWLING GREEN  
BURKESVILLE\*  
CARLSLE\*  
CORBIN  
COVINGTON  
CUMBERLAND\*  
CYNTHIANA\*  
OARVILLE\*  
ELIZABETHTOWN\*  
ERLANGER  
FRANKFORT  
FRANKLIN (2)\*  
FULTON\*  
GEDRGETOWN\*  
GLASGOW\*  
GRAYSON\*  
GREENVILLE\*  
HAZARD\*  
HOPKINSVILLE  
JEFFERSONTOWN  
LEBANON\*  
LEXINGTON (4)  
LONDON\*  
LOUISVILLE (13)  
MADISONVILLE\*  
MAYFIELD\*  
MIDDLESBORO\*  
MIDDLETOWN\*  
MONTICELLO\*  
MOREHEAD\*  
MORGANFIELD\*  
MT. VERNON\*  
MT. WASHINGTON\*  
MURRAY  
NEWPORT

OWENSBORO  
PAQUACH  
PAINTSVILLE\*  
PARIS\*  
PIKEVILLE\*  
PRESTONSBURG\*  
PRINCETON\*  
RADCLIFF  
RICHMOND\*  
RUSSELL\*  
SOMERSET\*  
TOMPKINSVILLE\*  
WHITESBURG\*  
WINCHESTER\*

## LOUISIANA 84 STORES

ALEXANDRIA (2)  
ARABI  
BATON ROUGE (6)  
BOGALUSA\*  
BOSSIER CITY  
BOULTE\*  
CHALMETTE  
COLUMBIA\*  
COUSHATTA\*  
COWINGTON\*  
CROWLEY\*  
DELHI\*  
DE RIDOER\*  
EUNICE\*  
FRANKLIN\*  
GONZALES\*  
GRETNA (2)  
HAMMOND  
HOMER\*  
HOUMA  
JENA\*  
JENNINGS\*  
JONESBORO\*  
JONESVILLE\*  
KENNER  
LAFAYETTE (2)  
LAKE CHARLES  
LA PLACE  
LEESVILLE\*  
MANY\*  
MARRERO  
METAIRIE (6)  
MINDEN\*  
MONROE  
MORGAN CITY\*  
NATCHITOCHE\*  
MORNING  
NEW ORLEANS (9)  
NEW ROADS\*  
OAKDALE\*  
OPELOUSAS\*  
PINEVILLE\*  
PINEVILLE-TIGEA\*  
PLAIN DEALING\*  
PORT SULPHUR\*  
RAYVILLE\*  
RUSTON  
SHREVEPORT (5)  
SLOELL  
SPRINGHILL\*  
SULPHUR\*  
THIBODAUX (1) (1)\*  
VIVIAN\*  
WEST MONROE  
WINNFIELD\*

## MAINE 30 STORES

AUGUSTA  
BANGOR  
BAR HARBOR\*  
BIOFORD  
BOOTHBAY\*  
BREWER  
BROOKS\*  
BRUNSWICK  
CARIBOU\*  
DAMASCUSCOTTA\*  
OOVER FOXCROFT\*  
ELLSWORTH  
FALMOUTH  
FERMINGTON\*  
HARRISON\*  
HOULTON\*  
LEWISTON  
LINCOLN\*  
MADAWASKA\*  
MAOISON\*  
MEXICO\*  
MILLNOCKET\*  
NORWAY\*  
PORTLAND (2)  
ROCKLAND  
SKOWHEGAN\*  
SO. PORTLAND  
WATERVILLE  
WINTHROP\*

## MARYLAND 63 STORES

ANNAPOLIS  
BALTIMORE (20)  
BEL AIR  
BERLIN  
BELTSVILLE  
BOWIE  
CAMP SPRINGS  
CAPITOL HEIGHTS  
COCKEYSVILLE  
CUMBERLAND  
DAMASCUS\*  
DISTRICT HEIGHTS  
EASTON\*  
EDGEWOOD  
ELLICOTT CITY  
FREDERICK (2)  
GAITHERSBURG  
GLEN BURNIE  
GREENBELT  
HYAGERSTOWN (2)  
HYATTSVILLE  
LANGLEY PARK  
LA PLATA\*  
LAUREL  
LEXINGTON PARK  
OAKLAND\*  
OXON HILL  
RANOKALLSTOWN  
RESTERTSTOWN  
ROCKVILLE  
SALISBURY (2)  
SEVERNA PARK  
SILVER SPRING  
SUITLAND  
TEMPLE HILLS  
TOWSON  
ROCKVILLE  
WALDORF  
WHEATON

## MASSACHUSETTS 105 STORES

ACTON  
AMHERST  
ATHOL\*  
AUBURN  
BEFORD  
BERLEY  
BILLERICA  
MINDEN\*  
BRAINTREE  
BRIDGEWATER  
BRIGHTON  
BROCKTON (2)  
BROOKLINE  
BURLINGTON  
CAMBRIDGE (2)  
CANTON  
CHELMSFORD  
CHELSEA  
CHICOPEE  
COHASSET  
DANVERS (2)  
DEOHAM  
EAST LONGMEADWOOD  
FAIRHAVEN  
FALL RIVER  
FALMOUTH  
FITCHBURG  
FOXBORO  
FRAMINGHAM  
GARONER  
GLOUCESTER  
GREENFIELD  
HAVERHILL  
HINGHAM  
HYANNIS (2)  
HYOE PARK  
LAWRENCE  
LEMINSTER  
LOWELL  
LYNN  
MALDEN  
MARLBOROUGH  
MARSHFIELD  
MEDFORD  
METHUEN  
MILFORD  
NANTUCKET\*  
NATICK  
NEOHAM  
NEW BEDFORD  
NEWBURYPORT  
NEWTON  
NORTH ADAMS\*  
NORTHAMPTON  
NORTH ANDOVER  
NORTH DARTMOUTH  
ORLEANS  
PALMER\*  
PITTSFIELD  
PLYMOUTH\*  
QUINCY  
RAYNHAM  
REVERE  
ROSLINDALE  
SAUGUS  
SHREWSBURY

SOMERVILLE  
SO. ATTLEBORO  
SOUTHBRIDGE\*  
SOUTH WEYMOUTH  
SPENCER\*  
SPRINGFIELD (3)  
STONEHAM  
SWAMPSCOTT  
SWANSEA  
TAUNTON  
TEWKSBURY  
WALPOLE  
WESTFIELD  
WALTHAM (2)  
WARE  
WAREHAM  
WATERTOWN  
WEBSTER\*  
WESTBORO  
WEST BOYLSTON  
WESTFIELD  
WEST SPRINGFIELD  
WILMINGTON  
WINCHESTER\*  
WORCESTER (3)

## MICHIGAN 116 STORES

ADRIAN  
ANN ARBOR (2)  
ALPENA\*  
BATTLE CREEK  
BAY CITY  
BELLEVILLE  
BENTON HARBOR  
BIG RAPIDS\*  
BIRMINGHAM  
BLOOMFIELD HILLS  
BRIGHTON  
CAROL\*  
CENTER LINE  
CLARE\*  
CLIO  
COLOMA\*  
DEARBORN (2)  
DEARBORN HEIGHTS  
DETROIT (4)  
DETROIT GROSSE PT.  
DRAYTON PLAINS  
ESCANABA  
EAST DETROIT (2)  
FARMINGTON  
FLINT (4)  
GARON CITY  
GAYLORD\*  
GLADWIN\*  
GRAND RAPIDS (4)  
GRANT\*  
GRAYLING\*  
HANCOCK\*  
HARRISON\*  
HASTINGS\*  
HILLSDALE\*  
HOLLAND\*  
HOWELL  
IRON MOUNTAIN\*  
IRONWOOD\*  
JACKSON  
KALAMAZOO  
LANSING (2)  
LAPEER  
LINDOLN PARK  
LYONIA (3)  
MADISON HEIGHTS (2)  
MARQUETTE\*  
MASON  
MIDLAND  
MONROE  
MT. CLEMENS (2)  
MT. PLEASANT  
HAVERGON  
NEWBERRY\*  
NILES  
OAK PARK  
OKEMOS  
OWASSO\*  
INDIANOLA\*  
PAW PAW\*  
PETOSKEY\*  
PLYMOUTH  
PONTIAC (2)  
PORTAGE  
PORT HURON  
RIVERVIEW  
ROCHESTER  
ROSEVILLE (2)  
ROYAL OAK  
SAGINAW (2)  
ST. CLAIR SHORES (2)  
ST. JOSEPH\*  
SEBASTIAN\*  
SOUTHFIELD (3)  
SO. HAVEN\*  
SO. LYON\*  
STERLING HGTS. (2)  
TAWAS CITY\*  
TAYLOR (2)  
TECUMSEH\*  
TROY (2)  
UTICA  
WALLED LAKE  
WARREN  
WAYNE  
WEST BRANCH\*  
WESTLAND

WOODHAVEN  
WYOMING  
YPSILANTI (2)

## MINNESOTA 65 STORES

ALBERT LEA\*  
ALEXANDRIA\*  
AUSTIN (2)  
BEMIDJI\*  
BLAINE  
BLOOMINGTON (3)  
BROOKLYN PARK  
BUFFALO\*  
BURNSVILLE (1) (1)\*  
CAMBRIDGE\*  
CLOQUET\*  
COON RAPIOS (2)  
COTTAGE GROVE  
CRYSTAL  
DETROIT LAKES\*  
DULUTH  
EAST GRAND FORKS  
EOEN PRAIRIE  
LANGLEY PARK  
ELY\*  
FAIRMONT  
FERGUS FALLS\*  
GOLDEN VALLEY  
GRAND RAPIDS\*  
HIBBID\*  
KIRKWOOD  
GLASBORN\*  
HUTCHINSON\*  
MANKATO  
MARSHALL\*  
MINNEAPOLIS (3)  
MINNETONKA  
MONTICELLO\*  
MORRIS\*  
NEW BRIGHTON  
NEW ULM\*  
OWATONNA (1) (1)\*  
PARK RAPIDS\*  
RICHFIELD  
ROCHESTER  
ROSEVILLE  
SAINT CLOUD  
ST. LOUIS PARK  
SAINT PAUL (7)  
SAUK CENTRE\*  
SHAKOPEE  
SPRING LAKE PARK  
STILLWATER  
THIEF RIVER FALLS\*  
VIRGINIA\*  
WAYZATA  
WINONA

## MISSISSIPPI 60 STORES

BATESVILLE\*  
BAY ST. LOUIS\*  
BAY SPRINGS\*  
BELZONI\*  
BILOXI  
BOONEVILLE\*  
BROOKHAVEN\*  
CANTON\*  
CHARLESTON\*  
CLARKSDALE\*  
CLEVELAND\*  
COLLINS\*  
COLUMBIA\*  
COLUMBUS  
CORINTH\*  
GREENVILLE  
GREENWOOD\*  
GRENAOA\*  
GULFPORT (2) (1)\*  
HATTIESBURG  
HAZLEHURST\*  
HERNANDO\*  
HOLLY SPRINGS\*  
INDIANOLA\*  
JACKSON (7)  
KOSCIUSKO\*  
LAUREL\*  
LOUISVILLE\*  
LUCEVILLE\*  
MABLE\*  
MC COMB\*  
MEMORIAL\*  
MERIDIAN  
NATCHEZ  
NEW ALBANY\*  
OCEAN SPRINGS  
OXFORD\*  
PASAGOUALA  
PICAYUNE\*  
PHILADELPHIA\*  
PONTOTOC\*  
STERLING HGTS. (2)  
TAYLOR (2)  
TECUMSEH\*  
TROY (2)  
UTICA  
WALLED LAKE  
WARREN  
WAYNE  
WEST BRANCH\*  
WESTLAND

## MISSOURI 86 STORES

BALLWIN (2)  
BLUE SPRING  
BRENTWOOD  
BRIGIOTON  
BUTLER\*  
CAPE GIRARDEAU\*  
CARUTHERSVILLE\*  
CLAYTON  
COLUMBIA  
CREVE COEUR  
DE SOTO\*  
EXCELSIOR SPRINGS\*  
FENTON  
FESTUS\*  
FLORISSANT (4)  
FREDERICKTOWN\*  
GLASTONE  
GRANDVIEW  
HANNBAL (1) (1)\*  
HARRISONVILLE\*  
HAZELWOOD  
HIGGINSVILLE\*  
INDEPENDENCE (6)  
IRONTON\*  
JEFFERSON CITY  
JENNINGS  
JOPLIN  
KANSAS CITY (8)  
KENNETT\*  
KIRKWOOD  
GLASBORN\*  
LIBERTY  
LOUISIANA\*  
MACON\*  
MALDEN\*  
MARYVILLE\*  
MEXICO  
MOBERLY\*  
NORTH KANSAS CITY  
OZARK\*  
PACIFIC\*  
POPLAR BLUFF\*  
RAYTOWN  
RICHMOND\*  
ROLLA\*  
ST. CHARLES  
ST. GENEVIEVE\*  
ST. JOSEPH  
ST. LOUIS (9)  
ST. ROBERT\*  
SEALIA (1) (1)\*  
SKESTON\*  
SPRINGFIELD (2)  
UNION\*  
UNIVERSITY CITY  
WARRENSBURG\*  
WEST PLAINS\*  
WENTZVILLE\*

## MONTANA 24 STORES

ANACONDA\*  
BIGFORK\*  
BILLINGS  
BOZEMAN\*  
BROWNING\*  
BUTTE  
COLUMBIA FALLS\*  
CUT BANK\*  
GLASGOW\*  
GREAT FALLS (2)  
HAMILTON\*  
HAVRE\*  
HELENA  
KALISPELL\*  
LEWISTOWN\*  
LIBBY\*  
GULFPORT (2) (1)\*  
MILES CITY\*  
MISSOULA  
PLAINS\*  
POLSON\*  
RONAN\*  
SIONEY\*

## NEBRASKA 34 STORES

ALBION\*  
ALLIANCE\*  
BEATRICE\*  
COLUMBUS\*  
FAIRBURY\*  
FALLS CITY\*  
FREMONT (1) (1)\*  
GENOA\*  
GRAND ISLAND  
HASTINGS\*  
KEARNEY\*  
KIMBALL\*  
LEXINGTON\*  
LINCOLN (3)  
MC COOK\*  
RIPLEY\*  
NEBRASKA CITY\*  
NORTH PLATTE\*  
OMAHA (9)  
SCHUYLER\*  
SCOTTSBLUFF\*  
VALENTINE\*  
WEST POINT\*  
YORK\*

## NEVADA 9 STORES

ELKO\*  
FALLON\*  
HENDERSON\*  
LAS VEGAS (3)  
NORTH LAS VEGAS  
RENO  
SPARKS

## NEW HAMPSHIRE 27 STORES

ASHLAND\*  
BERLIN\*  
CLAREMONT  
CONCORD  
CONWAY (NORTH)  
DERRY  
DOVER  
GORHAM  
HOOKSETT  
KEENE  
LACONIA  
LEBANON  
LITTLETON\*  
MANCHESTER (2)  
NASHUA (2)  
NEW LONDON\*  
PETERBOROUGH\*  
PLAINSTON  
PLYMOUTH  
PORTSMOUTH (2)  
SALEM  
SEABROOK  
TILTON\*  
WEST FRANKLIN\*

## NEW JERSEY 109 STORES

ASBURY PARK  
AUBURN  
BAYONNE  
BEACHHAVEN (NORTH)\*  
BERGENFIELD  
BERLIN  
BRICK TOWN  
BRIDGETON\*  
BROOKLAWN  
BUTLER  
CAPE MAY COURTHOUSE  
CEDAR GROVE  
CHERRY HILL (2)  
CINNAMINON  
CLEMONT  
CLIFTON  
CLOSTER  
DELAN  
DEPTFORD  
DOVER  
EAST BRUNSWICK (2)  
EAST HANOVER  
EAST WINOSAR  
EATONTOWN  
EODSON  
ELIZABETH (1) (1)\*  
FAIR LAWN  
FLEMINGTON  
FORT LEE  
FRANKLIN LAKES\*  
FREEHOLD  
GARDEN CITY  
GILLETTE  
GLASSBORO\*  
HACKENSACK  
HACKETTSTOWN\*  
HADDON TOWNSHIP  
(CAMDEN)  
HAMILTON TOWNSHIP  
(TRENTON)  
HAMMONTON\*  
HAZLET  
JACKSON\*  
JERSEY CITY  
LAKE HOPATCONG\*  
LAKEWOOD  
LANOKA HARBOR  
LAUREL SPRINGS\*  
LEDGEWOOD  
LINCOLN  
LIMBERTON  
LYNOHURST  
MAISON  
MANAHAWKIN  
MANVILLE  
MARLTON  
MIDDLETOWN  
MILLBURN  
MOORESTOWN  
MORRISTOWN  
NATIONAL PARK\*  
NEWARK  
NEWTON\*  
NEW BRUNSWICK (1) (1)\*  
NORTHFIELD  
NORTH PLAINFIELD  
PARAMUS  
PARSPANNY  
PENNSAUKEN  
PENNSVILLE\*  
PERTH AMBOY  
PHILLIPSBURG  
PLAINFIELD  
PLEASANTVILLE

# RADIO SHACK® US STORE/DEALER DIRECTORY

POINT PLEASANT BEACH\*  
POMPTON LAKES  
PRINCETON  
RAMSEY  
REDBANK  
RIDGEWOOD  
ROCKAWAY\*  
SAYREVILLE  
SEA GIRL  
SHREWSBURY  
SOUTH PLAINFIELD  
STRATFORD  
SUGGASUNNA\*  
TOM'S RIVER  
TRENTON (4)  
TURNERSVILLE  
UNION  
VENTNOR  
VINELAND  
VOORHEES  
WARETOWN\*  
WAYNE (2)  
WENONAH  
WEST CALOWELL  
WEST MILFORD\*  
WEST NEW YORK  
WEST ORANGE\*  
WILLINGBORO  
WRIGHTSTOWN\*

GENESE\*  
GLEN COVE  
GLEN FALLS  
GLENNMONT  
GLEN OAKS  
GOSHEN\*  
GOVERNOUR\*  
GREAT NECK  
GREECE  
GREENWICH  
GUILDERLAND  
HAMBURG (2)  
HAMILTON\*  
HEMPSTEAD  
HERKIMER\*  
HICKSVILLE  
HORNELL\*  
HORSEHEADS  
HUDSON  
HUDSON FALLS\*  
HUNTINGTON (2)  
HUNTINGTON STATION  
HYDE PARK  
ILION  
ITHACA  
JACKSON HEIGHTS (2)  
JAMAICA  
JAMESTOWN  
JERICHO  
JOHNSON CITY  
JOHNSTOWN  
KINGSTON  
LAKE GROVE  
LAKE PLACID\*  
LATHAM  
LEVITOWN  
LIVERPOOL  
LOCKPORT  
LONG ISLAND  
MASSAPEQUA PARK  
MENANDS  
MIDDLETOWN  
MONTICELLO\*  
MT. VERNON  
HOBBS  
NAPLES\*  
NEWBURGH  
NEW CITY  
NEW HARTFORD  
NEW PALTZ  
NEW ROCHELLE  
NEW YORK CITY (13)  
NIAGARA FALLS (2)  
NORTH BABYLON  
NORTH YAMPTON  
NORTH SYRACUSE  
NORTH TONAWANDA  
NORWICH\*  
OAKDALE (2)  
OCEANSIDE  
OGDENSBURG (1) (1)\*  
OLEAN  
ONEIDA  
ONEONTA  
ORCHARD PARK  
OSWEGO  
PAINTED POST  
PALATINE BRIDGE  
PARKCHESTER  
PATCHOGUE  
PEEKSKILL  
PLAINVIEW  
PLATTSBURGH (2)  
PORT CHESTER  
POTSDAM  
POUGHKEEPSIE (2)  
RIVERHEAD  
ROCHESTER (7)  
ROCKVILLE CENTER  
ROME  
ROSEDALE  
ROTTERDAM  
SARATOGA SPRINGS  
SCARSDALE (2)  
SCHEMECTADY (2)  
SELDEN  
SETAUKEE  
SMITHTOWN  
SPRING VALLEY  
STATEN ISLAND (3)  
SUNNYSIDE  
SYRACUSE (4)  
THORNWOOD  
TONAWANDA  
TROY  
UTICA  
VALLEY STREAM  
WANTAGH  
WAPPINGERS FALL  
WATERTOWN  
WEBSTER  
WELLESVILLE  
WESTBURY  
WEST HAVERSTRAW  
WEST HEMPSTEAD  
WEST SENeca  
WHITE PLAINS  
WHITESBORO  
WILLIAMSVILLE (3)  
WOODHAVEN  
YONKERS  
YORKTOWN HEIGHTS

## NORTH CAROLINA 110 STORES

AHOSKIE\*  
ALBEMARLE  
ASHBORO  
ASHEVILLE (2)  
BELMONT  
BEULAVILLE\*  
BOONE  
BREVARD\*  
BRYSON CITY\*  
BURGAW\*  
BURLINGTON  
CHAPEL HILL  
CHARLOTTE (7)  
CLAYTON\*  
CLINTON\*  
CONCORD  
CREEDMOOR\*  
CULLOWHEE\*  
DUNN (1) (1)\*  
DURHAM (3)  
EDEN  
ECONOMY\*  
ELIZABETH CITY  
ELIZABETHTOWN\*  
FAIRMONT\*  
FAYETTEVILLE (2)  
FOREST CITY\*  
FRANKLIN\*  
GASTONIA (2)  
GOLETSBORO  
GREENSBORO (5)  
GREENVILLE  
HENOERSON  
HICKORY (2)  
HIGH POINT (2)  
JACKSONVILLE  
KINGS MOUNTAIN\*  
KINSTON  
LAURINBURG\*  
LENOIR  
LEXINGTON  
LINCOLTON  
MORRISVILLE (1) (1)\*  
MORHEAD CITY\*  
MT. AIRY (1) (1)\*  
MORGANTON\*  
NEW BERN  
RAEFORD\*  
RALEIGH (8)  
REIDSVILLE\*  
ROANOKE RAPIDS  
ROCKINGHAM  
ROCKY MOUNT  
RUTHERFORDTOWN\*  
SALISBURY  
SANFORD  
SHALLOTTE\*  
SHELBY\*  
SILER CITY\*  
SOUTHERN PINES\*  
STATESVILLE  
TABOR CITY\*  
TARBORO\*  
TAYLORSVILLE\*  
THOMASVILLE  
WALLACE\*  
WARSAW\*  
WASHINGTON\*  
WAYNESVILLE\*  
WEST JEFFERSON\*  
WHITEVILLE\*  
WILKESBORO\*  
WILLIAMSTON\*  
WILMINGTON (3)  
WILSON  
WINSTON-SALEM (4)  
YANCEYVILLE\*

## NORTH DAKOTA 8 STORES

BISMARCK  
DEVIL'S LAKE\*  
FARGO (2)  
GRAND FORKS  
JAMESTOWN\*  
MINOT  
WILLISTON\*

## OHIO 225 STORES

AKRON (5)  
ALLIANCE  
AMHERST  
ASHLAND  
ASHTABULA  
ATHENS\*  
BARBERTON  
BELLEFONTAINE\*  
BEREA  
BOWLING GREEN  
BROOKLYN  
BRUNSWICK  
BRYAN\*  
BUCYRUS  
CAMBRIDGE  
CANTON (3)  
CHESAPEAKE  
CHILLICOTHE

CINCINNATI (18)  
CLEVELAND (6)  
CLEVELAND HEIGHTS  
COLUMBUS (17)  
CONNEAUT\*  
CORTLAND\*  
COSHOCTON (1) (1)\*  
CUYAHOGA FALLS  
DAYTON (9)  
DEFIANCE  
DELAWARE\*  
ELYRIA  
ENGLEWOOD  
EUCLID (2)  
EVANOLE  
FAIRBORN  
FAIRFIELD  
FRIDLAY  
FOSTORIA  
FRANKLIN (1) (1)\*  
GAHANNA  
GALLIPOLIS  
GARFIELD HEIGHTS  
GENEVA\*  
GREENVILLE  
GROVE CITY  
GROVEPORT  
HAMILTON (2)  
HUBER HEIGHTS  
KENTON\*  
KETERING (2)  
LAKEWOOD  
LAKEMASTER  
LEBANON\*  
LIMA (3)  
LOGAN\*  
LORAIN  
MADIRA  
MADISON\*  
MANSFIELD  
MAPLE HEIGHTS  
MARION (2)  
MASCILLON  
MAYFIELD HEIGHTS  
MEDINA  
MENTOR (2)  
MIAMIUNION  
MIDDLEBURG HGTS.  
MIDDLEFIELD\*  
MORFITT\*  
MIDDLETOWN  
MILFORD  
MONTGOMERY  
NAPOLEON\*  
NEWARK  
NEW LEXINGTON\*  
NEW PHILADELPHIA  
NILES  
NORTHFIELD  
NORTH OLMSTED  
NORTH RIDGEVILLE  
NORTHWOOD  
NORWALK\*  
OREGON  
PAINESVILLE  
PARMA (3)  
PICKUA  
RICHMOND HEIGHTS (2)  
ROCKY RIVER  
SAGAMORE HILLS  
SALEM  
SANDUSKY  
SIDNEY  
SPRINGDALE  
SPRINGFIELD (2)  
ST. CLAIRSVILLE\*  
STUBENVILLE  
STOW  
STRONGSVILLE  
STRUTHERS  
TIPP CITY  
TOLEDO (12)  
TORONTO\*  
TROY  
URBANA\*  
VANDALIA  
VERMILION  
WARREN (2)  
WASHINGTON COURT  
HOUSE\*  
WAUSEON\*  
WELLSTON\*  
WESTERVILLE  
WESTLAKE  
WHEELERSBURG  
WHITEHALL (2)  
WILLOUGHBY  
WILLOWICK  
WOODLAWN  
WOODSFIELD\*  
WORTHINGTON  
WOOSTER  
XENIA  
YOUNGSTOWN (4)  
ZANESVILLE (2)

## OKLAHOMA 79 STORES

ADA\*  
ALTUS\*  
ALVA\*  
ARTLERS\*  
ARMORE

ATOKA\*  
BARTLESVILLE  
BETHANY  
BLACKWELL\*  
BROKEN BOW\*  
CHICKASHA\*  
CLINTON\*  
CUSHING\*  
OUNCAN\*  
EDMOND\*  
EL RENO\*  
ELK CITY\*  
ENID  
FREERICK\*  
GROVE\*  
GUYMON\*  
HENRYETTA\*  
HUGO\*  
IDABEL\*  
JENKS\*  
KINGFISHER\*  
LAWTON  
MANGUM\*  
MC ALESTER  
MARI\*  
MIWEST CITY  
MOORE  
MOUNTAIN VIEW\*  
MULDROW\*  
MUSKOGEE  
NORMAN  
OKLAHOMA CITY (11)  
OKMULGEE\*  
PAUL'S VALLEY\*  
PONCA CITY\*  
POTEAU\*  
PRYOR\*  
PURCELL\*  
SAND SPRINGS  
SAPOPA\*  
SAYRE\*  
SHAWNEE  
STILLWATER  
SULPHUR\*  
TEXHOMA\*  
TULSA (12)  
VINNY\*  
WAGONER\*  
WATONGA\*  
WAURIKA\*  
WEATHERFORD\*  
WOODWARD\*  
YUKON

## OREGON 77 STORES

ALBANY  
ASHLAND  
ASTORIA\*  
BAKER\*  
BANON\*  
BEAVERTON  
BEND  
BROOKINGS\*  
BURNS  
CANYONVILLE\*  
COQUILLE\*  
CORVALLIS  
COTTAGE GROVE\*  
DALLAS\*  
DRAIN\*  
EMERISPRICE\*  
EUGENE (7)  
FLORENCE\*  
FOREST GROVE\*  
GRANT'S PASS\*  
GRESHAM  
HERMISTON\*  
HOOD RIVER\*  
JOHN DAY\*  
LAKE OSWEGO  
LA GRANGE\*  
LINCOLN CITY\*  
MAORAS\*  
MC MINNVILLE (1) (1)\*  
MEDFORD  
MILTON-FREEWATER\*  
MILWAUKIE  
MYRTLE POINT\*  
NEWPORT\*  
NORTH BEND  
ONTARIO\*  
OREGON CITY  
PORTLAND (13) (1)\*  
PRINEVILLE\*  
ROSEBURG  
ST. HELENS\*  
SALEM (6)  
SPRINGFIELD (2)  
SUTHERLIN\*  
SWEET HOME\*  
THE DALLAS\*  
TIGARD  
TILLAMOOK\*  
VALE\*  
WOODBURN\*

## PENNSYLVANIA 207 STORES

ABINGTON  
ALLEGHTOWN (2)

ALLISON PARK  
ALTOONA  
ARDMORE  
ATGLEN\*  
BADEN  
BANGOR\*  
BEDFORD\*  
BELLEFONTE\*  
BELLE VERNON  
BERWICK  
BETHLEHEM (3)  
BLOOMSBURG\*  
BLOSSBURG\*  
ENIO  
BRADFORD  
BROCKWAY\*  
BROOKHAVEN  
BROOKVILLE\*  
BROOMALL  
BURHAM  
BUTLER  
CAMBRIDGE SPRINGS\*  
CAMP HILL (2)  
CANTON\*  
CARLISLE  
CARROLLTOWN\*  
CHAMBERSBURG  
CLARION\*  
CLEARFIELD\*  
COCHRANVILLE\*  
CONNELLSVILLE  
CORAOPOLIS  
CORNWELLS HEIGHTS  
GOLDENPORT\*  
CRAFTON  
CRESSON\*  
DOYLESTOWN  
DREXEL HILL  
EAGLEVIEW  
ENOLA  
ERIE (4)  
EXTON (2)  
FAIRLESS HILLS  
FLORENCE  
FORD CITY\*  
FOREST HILLS  
GILBERTSVILLE  
GREENCASTLE\*  
GREENSBURG  
GREENVILLE  
HANDVER (1) (1)\*  
HARRISBURG (4)  
HAVERTOWN  
HAZLETON (WEST)  
HOLMES  
HOMESTEAD  
HONESDALE\*  
HORSHAM  
HUNTINGOON\*  
JOHNSTOWN (2)  
KANE\*  
KING OF PRUSSIA  
KINGSTON  
LANCASTER (3)  
LANGHORNE  
LANSDALE  
LEBOURNE  
LEWISTOWN (2)  
LEWISBURG\*  
LOCK HAVEN\*  
LOWER BURRELL  
MANSFIELD\*  
MASONTOWN\*  
MC KEES ROCKS  
MC KEESPORT  
MEADVILLE (1) (1)\*  
MECHANICSBURG\*  
MEDIA  
MONACA  
MONROEVILLE (2)  
MOOSIC  
MORRISVILLE  
MOUNT PLEASANT\*  
MT. UNION\*  
NEW BETHLEHEM\*  
NEW CASTLE (2)  
NEW HOLLAND  
NEWTOWN SQUARE  
NORRISTOWN  
NORTH EAST\*  
NORTH VERSAILLES (2)  
OIL CITY  
OXFORD\*  
PADLI  
PHILADELPHIA (15) (2)\*  
PHILIPSBURG\*  
PHOENIXVILLE (1) (1)\*  
PITTSBURG  
PITTSBURGH (10)  
PLEASANT HILLS  
PLYMOUTH MEETING  
PORTAGE\*  
PORT ALLEGANY\*  
POTTSTOWN  
POTTSTOWN  
PUNXSUTAWNEY\*  
QUAKERTOWN  
READING (2)  
RENOVO\*  
ROCKWORTH\*  
ST. MARY'S\*  
SCRANTON  
SHAMOKIN\*  
SHARON  
SHAVERTOWN\*

## RHODE ISLAND 16 STORES

COVENTRY  
EAST PROVIDENCE  
FOSTER\*  
LINCOLN  
MIDDLETOWN  
NORTH KINGSTOWN  
PROVIDENCE (5)  
WAKEFIELD  
WARWICK (2)  
WESTERLY  
WOONSOCKET

## SOUTH CAROLINA 44 STORES

ABBEVILLE\*  
AIKEN (1) (1)\*  
ANDERSON  
BEAUFORT\*  
BENNETTSVILLE\*  
CAMDEN\*  
CHARLESTON (3)  
CHERAW\*  
CHESTER\*  
COLUMBIA (4)  
CONWAY\*  
DILLON\*  
EASLEY\*  
FLORENCE  
GAFNEY\*  
GEORGETOWN\*  
GREAT FALLS\*  
GREENVILLE  
GREENWOOD (1) (1)\*  
HARTSVILLE\*  
LOCK HAVEN\*  
LOWER BURRELL  
MANNING\*  
MARION\*  
MYRTLE BEACH\*  
NORTH AUGUSTA  
ORANGEBURG\*  
ROCK HILL  
SENECA\*  
SPARTANBURG (2)  
SUMTER  
UNION\*  
VIRVILLE\*  
WALTERBORO\*  
WEST COLUMBIA  
WHITMIRE\*

## SOUTH DAKOTA 9 STORES

ABERDEEN\*  
BROOKINGS\*  
LEAD\*  
MITCHELL  
RAPID CITY  
SIOUX FALLS (2)  
SPRINGFIELD\*  
WATERTOWN\*

## TENNESSEE 117 STORES

ALCOA  
ATHENS  
BOLIVAR\*  
BRISTOL  
BROWNSVILLE\*  
CARHAGE\*  
CHATTANOOGA (6)  
CLARKSVILLE  
CLEVELAND  
COLUMBIA  
COOKVILLE\*  
COVINGTON\*  
CROSSVILLE\*

SHENANDOAH\*  
SLIPPERY ROCK\*  
SOMERSET  
SOUTHAMPTON  
SPRINGFIELD (2)  
STATE COLLEGE  
STROUBSBURG\*  
SUNBURY  
TONESTA\*  
TITUSVILLE\*  
TOWANO\*  
TRANSFER\*  
TRIVHOSE\*  
TUNKHANNOCK\*  
UNION CITY\*  
UNIONTOWN  
UPPER OARBY  
WARREN\*  
WASHINGTON  
WAYNE  
WAYNESBORO  
WELLSBORO\*  
WEXFORD  
WHITEHALL  
WILKES-BARRE  
WILLIAMSPORT  
WILLOW GROVE  
WINDHAM CENTER\*  
WYOMISSING  
YORK (2) (1)\*

## TEXAS 364 STORES

ABILENE (2)  
ALICE  
ALPINE\*  
ALVIN  
AMARILLO (4)  
ARANSAS PASS\*  
ARLINGTON (6)  
ASPERMONT\*  
ATLANTA\*  
AUSTIN (10)  
BAY CITY\*  
BAYTOWN  
BEAUMONT (2)  
BEVILLE\*  
BELLAIRE  
BIG SPRINGS\*  
BOERNE\*  
BORGER\*  
BOWIE\*  
BRECKENRIDGE\*  
BROWNSVILLE (2)  
BROWNWOOD  
BRYAN  
BURNET\*  
CAMERON  
CANADIAN\*  
CANYON  
CARRIZO SPRINGS\*  
CARRLTON  
CARTHAGE  
CENTER  
CHANELVIEW  
CHILDRESS\*  
CLARKSVILLE\*  
CLEBURNE\*  
CLEVELAND\*  
COLUMBUS\*  
COMANCHE\*  
COMMERCE\*  
CONROE (1) (1)\*  
CORPUS CHRISTI (2)  
CORSICANA  
CROCKETT\*  
CUERO\*  
DALLAS (21)  
DECATUR\*

## UTAH 10 STORES

ALBANY (3)  
AMHERST  
AMSTERDAM  
ASTORIA  
(LONG ISLAND CITY)  
AUBURN  
BALDWIN PLACE  
BALDWINVILLE  
BATAVIA  
BAYSHORE  
BAYSIDE  
BEDFORD HILLS  
BINGHAMPTON (2)  
BRIARCLIFF MANOR  
(WESTCHESTER)  
BROOKPORT  
BROOKLYN (11)  
BUFFALO (6)  
CAMDEN\*  
CANANDAIGUA  
CANTON\*  
CARMEL  
CARTHAGE\*  
CAZENOVIA\*  
CENTERREACH  
CHECKTOWAGA (3)  
CHESTERTOWN\*  
CHITTENANGO  
CICERO  
CLIFTON PARK  
COBLESKILL  
CONMACK  
CORAM  
CORTLAND  
CUBA\*  
DEPEW\*  
DUNKIRK  
EAST AUBORA  
EAST MEADOW  
EAST ROCHESTER  
ELLENVILLE\*  
ELMHURST  
ELMSFORD  
ENDICOTT  
FARMINGDALE  
FLUSHING (2)  
FOREST HILLS  
FULTON  
GARDEN CITY (2)  
GATES  
GENEVA

# SEE YOUR PHONE BOOK FOR OUR STORE NEAR YOU

DEER PARK  
DEL RIO (1) (1)\*  
DENISON\*  
DENTON (1) (1)\*  
DENVER CITY\*  
DE SOTO  
OUBLIN\*  
DUMAS\*  
DUNCANVILLE  
EAGLE PASS\*  
EASTLAND\*  
EDNA\*  
EL CAMPO\*  
ELGIN\*  
EL PASO (8)  
EULESS  
FAIRFIELD\*  
FALFURRIAS\*  
FARMERS BRANCH  
FORT STOCKTON\*  
FORT WORTH (18)  
FRANKSTON\*  
FREDERICKSBURG\*  
FRIONA\*  
FRITCH\*  
GAINESVILLE\*  
GALVESTON  
GARLAND (4)  
GATESVILLE\*  
GEORGETOWN\*  
GILMER\*  
GLEN ROSE\*  
GONZALES\*  
GRAHAM\*  
GRANBURY\*  
GRAND PRAIRIE (2)  
GRAPEVINE\*  
GREENVILLE  
HARKER HEIGHTS\*  
HARLINGEN  
HEARNE\*  
HENDERSON\*  
HEREFORD\*  
HILLSBORO\*  
HOUSTON (32)  
HUNTSVILLE\*  
HURST (2)  
IOWA PARK\*  
IRVING (3)  
JACKSBORO\*  
JACKSONVILLE\*  
JASPER\*  
JEFFERSON\*  
JUNCTION\*

KAUFMAN\*  
KERMIT\*  
KERRVILLE\*  
KILGORE\*  
KILLEEN  
KINGSVILLE\*  
LAKE JACKSON  
LAKE WORTH  
LAMESA\*  
LAMPASAS\*  
LANCASTER  
LAREDO  
LEWISLAND\*  
LEWISVILLE\*  
LIBERTY\*  
LIVINGSTON\*  
LOCKHART\*  
LONE STAR\*  
LONGVIEW (1) (1)\*  
LUBBOCK (5)  
LUFKIN  
MADISONVILLE\*  
MALAKOFF\*  
MARBLE FALLS\*  
MARSHALL\*  
MC ALLEN\*  
MC KINNEY\*  
MENAPIS\*  
MESQUITE (2)  
MIOLAND (2)  
MINOOLA\*  
MINERAL WELLS\*  
MORTON\*  
MT. PLEASANT\*  
MULESHOE\*  
NACDOOGCHES  
NAVASOTA\*  
NEEDERVILLE\*  
NEW BOSTON\*  
NEW BRAUNFELS (1) (1)\*  
NEWTON\*  
NOCONA\*  
ODESSA (2)  
OMAHA\*  
ORANGE\*  
OZONA\*  
PALESTINE\*  
PAMPA\*  
PARIS\*  
PASADENA (2)  
PEARLAND  
PEARSBALL\*  
PERRYTON\*  
PHARR

PITTSBURGH\*  
PLAINVIEW  
PLANO (2)  
PORT ARTHUR  
PORT LAVACA\*  
PORTLAND\*  
QUITMAN\*  
RAYMONOVILLE\*  
RICHAROSON (2)  
ROCKPORT\*  
ROSENBERG\*  
SAN ANGELO (1) (1)\*  
SAN ANTONIO (23)  
SAN AUGUSTINE\*  
SAN MARCOS\*  
SEABROOK  
SEMINOLE\*  
SEGUIN\*  
SHERMAN  
SILSBEE\*  
SNOYER\*  
SOUTH HOUSTON  
SPEARMAN\*  
STAMFORD\*  
STANTON\*  
STEPHENVILLE\*  
SULPHUR SPRINGS\*  
SWEETWATER\*  
TAYLOR\*  
TERRELL\*  
TEXARKANA  
TEXAS CITY  
TROUP\*  
TULIA\*  
TYLER (2)  
UNIVERSAL CITY  
UVALDE\*  
VERNON\*  
VICTORIA  
WACO (2)  
WAXAHACHIE\*  
WEATHERFORD\*  
WHARTON\*  
WICHITA FALLS (3)  
WINSBORO\*  
WOODSBORO\*

**UTAH**  
33 STORES  
BEAVER\*  
BLANDING\*  
CEDAR CITY\*

CENTERVILLE  
KEARNS  
LOGAN  
MOAB\*  
MT. PLEASANT\*  
MURRAY  
NEPHI\*  
OGDEN (2)  
DREM  
PRICE\*  
PROVO  
RICHFIELD\*  
ROOSEVELT\*  
ROY  
SALT LAKE CITY (9)  
SANJOY  
SPRINGVILLE\*  
ST. GEORGE\*  
TODELE\*  
TREMONT\*  
VERNAL\*

**VERMONT**  
14 STORES

BARRE  
BELLOWS FALLS\*  
BENNINGTON\*  
BRATTLEBORO\*  
BURLINGTON (2)  
MANCHESTER CENTER\*  
MIDDLEBURY\*  
MORRISVILLE\*  
NEWPORT  
RANDOLPH\*  
RUTLAND  
ST. ALBANS  
ST. JOHNSBURY\*

**VIRGINIA**  
87 STORES

ABINGDON\*  
ALEXANDRIA (4)  
ALTAVISTA\*  
ARLINGTON (2)  
BAILEY'S CROSSROADS (2)  
BLACKSBURG  
BLACKSTONE\*  
BRISTOL  
CHARLOTTESVILLE  
CHERTON\*

CHESAPEAKE  
COLLINGSVILLE\*  
COVINGTON\*  
CULPEPER\*  
DANVILLE (2)  
DORRAN\*  
DUMFRIES  
FAIRFAX (2)  
FALL'S CHURCH (2)  
FARMVILLE\*  
FRANKLIN  
FREDERICKSBURG  
FRONT ROYAL  
GALAX\*  
GRUNOY\*  
HAMPTON (2)  
HARRISONBURG  
HOPEWELL  
LEXINGTON\*  
LURAY\*  
LYNCHBURG (2)  
MANASSAS  
MARINOS\*  
MARTINSVILLE  
NARROWS\*  
NEWPORT NEWS (4)  
NORFOLK (3)  
PETERSBURG  
PORTSMOUTH (3)  
RADFORD\*  
RICHMOND (8)  
ROANOKE (4)  
SOUTH BOSTON  
SOUTH HILL\*  
SPRINGFIELD (2)  
STAUNTON  
STERLING  
SUFFOLK  
TAPPAHANNOCK\*  
VIENNA  
VIRGINIA BEACH (4)  
WARRENTON\*  
WILLIAMSBURG  
WINCHESTER  
WISE\*  
WOODBIDGE

**WASHINGTON**  
95 STORES

ABERDEEN  
AUBURN

BELLEVUE (2)  
BELLINGHAM (2)  
BREMERTON (2)  
BREWSTER\*  
CENTRALIA\*  
CHEHALIS  
CHELAN\*  
CHENEY\*  
COLFAX\*  
COLVILLE\*  
CONNELL\*  
ELLENBURG\*  
EPHRATA\*  
EVERETT  
FEDERAL WAY (2)  
FORKS\*  
ISSAQUAH  
KENNEWICK\*  
KENT  
KIRKLAND  
LACEY  
LAKE FOREST PARK  
LONGVIEW  
LYNDEEN\*  
LYNNWOOD  
MERCER ISLAND  
MOSES LAKE\*  
MT. VERNON  
NEWPORT  
OAK HARBOR\*  
OMAK\*  
OTHELLO\*  
PARKLAND  
PASCO\*  
PORT ANGELES  
PORT ORCHARD  
PORT TOWNSEND\*  
POULSBORO\*  
PROSSER\*  
PULLMAN  
PUYALLUP  
QUINCY\*  
REDMOND  
RENTON (2)  
REPUBLIC\*  
RICHLAND  
RITZVILLE\*  
SEATTLE (16)  
SEQUIM  
SPOKANE (7)  
SUNNYSIDE\*  
TACOMA (7)  
TONASKET\*  
VANCOUVER (2)

WALLA WALLA\*  
WENATCHEE (2)  
YAKIMA (3)

**WEST VIRGINIA**  
29 STORES

BECKLEY  
BENWOOD  
BRIDGEPORT  
CANTON  
EARTH CREEK  
FAIRMONT  
GILBERT\*  
HICO\*  
HUNTINGTON (2)  
HURRICANE\*  
KENOVA  
MAN\*  
MARTINSBURG  
MORGANTOWN (2)  
MOUNDEVILLE\*  
OCEANA\*  
PARKERSBURG  
POINT PLEASANT\*  
PRINCETON  
RAINELE\*  
ST. ALBANS  
SOUTH CHARLESTON\*  
SPENCER\*  
VIENNA  
WARWOOD  
WEIRTON

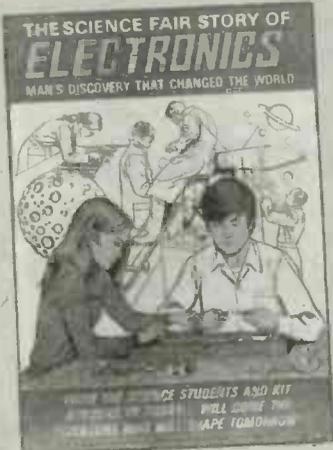
**WISCONSIN**  
69 STORES

ABBOTSFORD\*  
ANTIGO\*  
APPLETON (2)  
BARABOO\*  
BEAVER DAM\*  
BELOIT  
BLAIR\*  
BROOKFIELD  
CHIPPewa FALLS\*  
SEQUIM  
SPOKANE (7)  
SUNNYSIDE\*  
TACOMA (7)  
TONASKET\*  
VANCOUVER (2)

HARTFORD\*  
HUDSON  
JANESVILLE  
KENDISHA  
LA CROSSE (2)  
LAKE GENEVA  
MADISON (8)  
MANITOWOC  
MARINETTE\*  
MARSHFIELD\*  
MAYVILLE\*  
MEMONONIE FALLS  
MEMONONIE (1) (1)\*  
MILWAUKEE (6)  
NEENAH  
NEW RICHMOND\*  
OSHKOSH  
PLATEVILLE\*  
PORTAGE\*  
PORT WASHINGTON\*  
PRAIRIE DU CHIEN\*  
RACINE  
REEDSBURG\*  
RICE LAKE\*  
SHEBOYGAN  
SHOREWOOD  
SISTER BAY\*  
STEVEN'S POINT\*  
STURGEON BAY\*  
SUPERIOR  
WATERTOWN\*  
WAUKESHA  
WAUSAU  
WEST ALLIS (3)  
WISCONSIN RAPIDS\*

**WYOMING**  
11 STORES

CASPER  
CHEYENNE  
CODY\*  
GILLETTE\*  
JACKSON\*  
LANDER\*  
LARAMIE  
POWELL\*  
RAWLINS\*  
RIVERTON\*  
ROCK SPRINGS\*



## FREE! EDUCATIONAL MATERIAL

### Radio Shack's Famous "Science Fair" Story of Electronics

Updated Edition... available in quantity to Teachers, Science Coordinators, Scoutmasters, Community Project Groups

The original edition has been used — by the millions — and praised by educators nationwide as an outstanding and unique teaching aid. A full color 24-page "comic book", it traces the history of electricity through the newest in electronics. Tells about inventors and how their achievements are used today. It can spark an interest in science, make learning easier, even launch careers in electronics.

Here's just a sample of its contents:

- Electricity in Nature
- Ancient Use of Electricity in Medicine
- The First Battery
- The First Electric Light in 1808
- The Discovery of Radio Waves
- Radio Astronomy
- Satellite Communication
- Electric Power Generation
- The Amazing Laser Beam
- Communications in Space Travel
- And Much More!

**Mail to: Radio Shack**  
Attention: W. Palmer, Publications Manager  
2617 West 7th Street, Fort Worth, Texas 76107

Rush me \_\_\_\_\_ copies of your "Science Fair Story of Electronics... Man's Discovery That Changed the World". (PLEASE PRINT)

Your Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Books to be Used for:  School  Club  Individual  
SHIP TO ANOTHER ADDRESS?

School or Group (if any) \_\_\_\_\_

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

**GET YOUR COPIES AT YOUR NEARBY RADIO SHACK OR ORDER BY MAIL WITH THIS COUPON**  
Come in for as many copies as you need — 10, 50, 100, or even more. All we ask is that you put each and every copy to good use in your class, club or other group. Now in stock at many Radio Shack stores and dealers. Or complete coupon and mail to our National Headquarters and we'll ship direct to you postpaid.

# QUANTITY BUYERS...

GET DISCOUNT PRICES ON ANYTHING IN THIS CATALOG!  
Prices and Terms Optional at Franchise/Dealer Stores

Discount prices up to 33% off Catalog No. 276 "each" prices are available to quantity purchasers. Terms: NET 30 days, FOB Radio Shack store or warehouse nearest you. Great for premiums and sales promotions.

- MUNICIPALITIES • SCHOOLS • CHURCHES
- LABS • BUSINESSES • CLUBS • FACTORIES



Page	Equipment	6-11 of One Item	12-49 of One Item	50-499 of One Item	500-Up of One Item
114-115, 120	Antennas, TV/FM	10%	15%	20%	25%
116-119	Antenna Accessories	—	10%	20%	25%
159-161	ArcherKits	5%	10%	12%	20%
4-17, 30-32	Audio Components (Receivers, Amps, Tuners, Changers)	10%	15%	17%	20%
18-22, 24-25, 33-34, 44-47	Audio Components (Speakers, Headphones, Microphones)	10%	15%	20%	25%
25, 41-46	Audio Accessories	—	15%	25%	33%
49-53	Auto Tape Players, Radios and Accessories	7%	12%	17%	20%
148-150	Batteries (RS Brands)	—	10%	20%	25%
149	Batteries (Other Brands)	5%	7%	10%	20%
150, 151	Books	10%	15%	20%	33%
152-153	Calculators, Electronic	5%	10%	12%	20%
125-133	CB Transceivers (Base, Mobile, Walkie-Talkies)	10%	15%	17%	20%
121-124	CB Antennas and Accessories	—	10%	15%	20%
85-103	Electronic Parts	—	—	25%	33%

Page	Equipment	6-11 of One Item	12-49 of One Item	50-499 of One Item	500-Up of One Item
112, 113	Intercoms	7%	12%	15%	25%
134-137	Monitors, Communications and Accessories	10%	15%	17%	20%
36, 37	PA Equipment (Amplifiers)	10%	15%	20%	25%
26-29	Phones (Portables, Compacts)	5%	10%	12%	20%
137-147	Radios (Clocks, Portable, Stereo, Novelty)	7%	12%	17%	20%
38	Records, Prerecorded Tapes	10%	15%	20%	33%
154-159	Science Fair Kits	10%	15%	20%	30%
106-109	Security Devices	7%	12%	17%	25%
54-63	Tape Recorders & Players	10%	15%	17%	20%
64-66	Tape, Blank Recording	— see pages 64-66 —	—	—	33%
67-69	Tape, Accessories	—	10%	20%	25%
109-111	Telephones, Telephone Amplifiers, Answerers	7%	12%	17%	25%
104, 105	Test Equipment	7%	12%	17%	25%
70, 71	Timers/Electrical Accessories	5%	7%	10%	20%
72-77	Tools and Hardware	7%	12%	17%	25%
84	Tubes (May be Assorted)	8%	12%	20%	33%

## TWO GREAT BUSINESS OPPORTUNITIES!

# DEALERSHIPS AVAILABLE!

Attention, Retailers! The Radio Shack Dealer Program, now with over 1300 locations in all 50 states and several countries, is a proven way to increase retail store traffic and volume. You choose the famous Radio Shack items you want to add to your existing lines, and hang up your Dealer sign. Your store does not lose its "identity". So if you have a successful, established business—furniture, appliances, radio & TV, photo, jewelry, cards and gifts, hardware, auto supplies, or almost any type of retail operation in a town of under 8,500—contact us now! A \$9,000 to \$20,000 minimum investment can begin a rewarding association with Radio Shack, a leader in home entertainment & electronics.

### RETURN COUPON OR CALL

Robert R. Lynch, Vice President  
Radio Shack Dealer Division  
2617 West 7th Street  
Fort Worth, Texas 76107  
(817) 335-3711

Store Name \_\_\_\_\_

Your Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone No. \_\_\_\_\_

**Radio Shack**

## Radio Shack Offers Careers in Retail Management

If you have the ability, desire and are willing to work at achieving maximum sales and profitability, managing a Radio Shack store may be exactly the opportunity you've been looking for. Because of our exceptional growth, new Manager Trainees are needed right now in a number of excellent market areas.

Upon completion of our training program, the Store Manager compensation plan features base earnings according to sales performance, which increase automatically with sales gains, PLUS incentive bonuses computed on store profitability. This way, each Manager "decides" what his or her total earnings will be — by performance. And since all promotions are from within the Store Manager ranks, there is real opportunity for advancement!

For an interview with our District Manager for your area, send a letter or resume detailing your background and experience to:

**Let's Talk It Over!**

G. J. Berger, Personnel Director  
Radio Shack  
2617 West 7th Street  
Fort Worth, Texas 76107

Radio Shack — 56 Years of Value, Service and Reliability

# PRODUCT INDEX

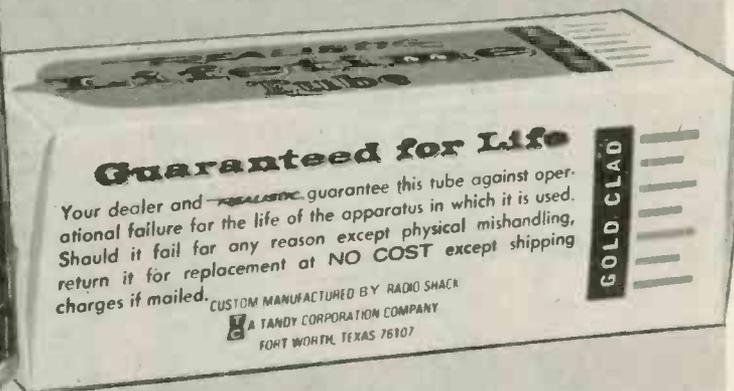
<b>A</b>	Acoustic Insulation	43	<b>ADAPTERS</b>	35, 88, 122, 136, 152, 153
	Audio	42, 43, 86, 87	DC Auto	48, 69
	Universal AC	88	Adhesives	73
	Aircraft Receiver	142, 143	<b>ALARMS</b>	106-109
	Kits	158, 162	Alignment Tools	73
	Alligator Clips	85	Amateur Receiver	137
	<b>AMPLIFIERS</b>		Antenna	116
	Antenna	91, 93	Kit	158
	PA	36, 37	Stereo	15, 16
	Project-Board	96	Telephone	111, 162
	Amplifier/Speaker	91	<b>ANTENNAS</b>	
	Auto	51	SWL	88, 137
	CB	121-123, 127	FM	115, 120
	Indoor	120	TV	114, 115, 117, 120
	VHF/UHF Monitor Radio	136	<b>ANTENNA ACCESSORIES</b>	
	Amplifiers	116	Cables	51, 88, 116, 119, 121, 123, 136
	Clamps	118, 123	Connectors	51, 88, 119, 123, 136
	Couplers	116, 117	Coax Cable	88, 119, 121, 123, 136
	Dummy Load	121	Grounding Equipment	119
	Guy Wire	118	Hardware	118, 119, 122, 123
	Insulators	88, 118	Masts	118
	Mounts, Roof, Wall, Chimney	118	Outlets	117
	Rotators	116	Splitters	117, 136
	Static Discharge Units	119, 121	Standoffs	118
	TV Filters	119, 121	Twin Lead	88, 118
	Wire	88, 118	Audio Cables	42, 43
	Audio Power Meter	25	<b>AUTO EQUIPMENT</b>	
	Accessories	48, 51, 161	Antennas	51, 122, 123, 136
	Electronic Ignition Kit	161	Radio	50, 52, 53
	Speakers	46, 49, 124	Suppressors, Noise	48, 124
	Tape Players, Cassette	53	8-Track	52
	Cassette/8-Track	50	Wiper Delay Kit	161
	Baffles, Speaker	45	<b>B</b>	
	Barrier Strips	85	<b>BATTERIES</b>	148-150
	Chargers	127, 148, 150	Holders	91
	Testers	149	Binding Posts	85
	Books	81, 100, 150, 151	Boosters, FM	51
	Brighteners, Picture Tube	119	Bulbs	103
	Buzzers	103	<b>C</b>	
	<b>CABINETS</b>		Component	39
	Metal	102	Parts	72
	Tape Storage	68	<b>CABLES</b>	42, 43, 51, 88, 89, 116, 119, 121, 123, 136
	<b>CALCULATORS</b>	152, 153	<b>CAPACITORS</b>	93, 94
	Car Radios and Players	50-53	<b>CARTRIDGES</b>	
	Microphone	95	Phono	40
	Phono	40	Tape	64
	CASES, Cassette and 8-Track	68	<b>CASSETTE TAPES</b>	
	Blank	64, 65	Prerecorded	38
	<b>CHANGERS, RECORD</b>	30, 31	Chassis, Experimenter's	102
	Cheater Cord, AC	119	Chemicals	73, 91, 97
	Chokes	95	<b>CB EQUIPMENT</b>	108, 121-133
	<b>CLIPS</b>		Alligator	85
	Battery	85, 91	Fahnestock and Spring	85
	Clock, Electronic Alarm	70	<b>CLOCK-RADIOS</b>	61, 138, 139
	Code Equipment	137, 162	<b>COLOR ORGANS</b>	23
	Kits	160	<b>COMPACT MUSIC CENTERS</b>	26-29, 54, 55, 140
	Computer Keyboard Project-Board	94, 96	<b>CONNECTORS</b>	42, 72, 85-88, 136
	Contact Cleaner	73	Controls, Volume	95
	<b>CONVERTERS</b>		Auto CB	124
	Auto FM	51	Cord, TV Power	119
	Crimping Tools	72	<b>CRYSTALS</b>	126, 134, 135
	Cutters, Wire	72, 74	Demagnetizers, Tape Head	67
	Dials and Accessories	102	Digital Readouts	92, 101
	Dimmers, Light	71	<b>DIODES</b>	92, 93, 98
	Earphones	43	<b>E</b>	
	<b>EDUCATIONAL LAB KITS</b>	154-157	Electrical Tape	73
	Engravers, Electric	73	Eraser, Tape	69
	Etching Pen	75	Extension Cords	71
	Field Strength Meter	121	Filters, TVI	119, 121
	Flasher Kit	162	Flashlights	71
	Foreign Travel AC Adapters	88	Frequency Counter Project-Board	96
	Frequency Equalizer	25	Fuses	103
	Grille Cloth	21	<b>G</b>	
	Grilles, Speaker	46	<b>HAM &amp; SW ACCESSORIES</b>	88, 136, 137
	<b>HARDWARE</b>	72, 85, 97, 118, 122, 123, 136	<b>HEADPHONES</b>	24, 25, 43, 137
	Heat Sinks	93, 97	Hi-Fi Equipment	4-37, 39-47
	Hobby Tools	72-77	<b>I</b>	
	Ignition System Kit	161	Insulators	88
	Integrated Circuits	92, 93, 98, 99	<b>INTERCOMS</b>	112, 113
	KIT	159	Inverter, Voltage	48, 124
	<b>JACKS</b>	85-87, 93	Keys, Code	137
	KITS	96, 154-163	Knobs	92, 102
	LED's	92, 101	L-Pads	45
	Labelmaker	73	Labels, Tape Index	69
	Lamp Bulbs	93, 103	Lamp Wire	89
	Lantern, Fluorescent	71	Light Controls and Fixtures	89
	Line Cords	159	Lie Detector Kit	67, 73
	Lugs	72, 85	<b>M</b>	
	Magnets	75	Magnifiers	125
	<b>METAL LOCATOR</b>		Kits	158, 161
	Accessories	95	<b>MICROPHONES</b>	33, 34, 121, 124, 162
	Elements	35	Accessories	95
	Mixer	35	<b>MONITORS, UHF/VHF</b>	134-136, 142, 143
	<b>MULTITESTERS</b>	104, 105	Motors	102
	Kits	160	<b>N</b>	
	Noise Suppressors	48, 124	Nutdrivers	74, 75
	Nutdrivers	74, 75	Nuts	72
	<b>O</b>		Optodetectors	92, 93, 101, 109, 163
	Organ Kit	156	Oscillator, Code	137, 162
	Outlet, AC	71, 87	<b>P</b>	
	Panel Meters	105	Perforboards	91
	Pencils, Electric Engraving	73	Phonographs	27, 29
	<b>PHONOS</b>		3-Way Combination Compacts	26-28
	Stereo, Compacts	27, 29	<b>PLUGS</b>	85-87, 93
	3-Way Combination Compacts	26-28	Outlet, AC	71, 87
	<b>POLICE/FIRE RECEIVERS</b>	134-136, 142, 143	Kits	92, 93, 95
	Potentiometers	48, 89, 119, 127	Power Meter, Audio	25
	Power Meter, CB	121	Power Supplies	96, 105, 121
	<b>PRINTED CIRCUIT EQUIPMENT</b>	91, 97	Project-Boards	96
	<b>PUBLIC ADDRESS EQUIPMENT</b>	35-37	<b>Q</b>	
	<b>QUADRAPHONICS (4-Channel)</b>		Synthesizers	23, 51
	<b>R</b>		Radar Sentry Kit	161
	<b>RADIOS</b>		Aircraft	142, 143
	AM, AM/FM Portables	29, 60, 61, 141-147	Auto	50, 52, 53
	Bicycle	147	Clock	61, 138, 139
	Kits	158, 159, 162	Multiband	142, 143, 145, 146
	Novelty	146, 147	Police	142, 143
	Police	134-136	Receivers	4, 6, 8-14, 54, 55
	Shortwave	137, 143, 159, 162	Stereo/Cassette	53, 55
	Stereo	50, 141	Stereo/8-Track	52, 54, 60
	Table	141	Time	137
	TV Audio/AM/FM	146	Weather	134-136, 142, 143, 145
	<b>RECEIVERS</b>		Amateur	137
	Communications	134-137, 142, 143	Scanners	134-136
	Shortwave	4, 6, 8-14	Systems	5, 7-14, 54, 55, 140
	Record Accessories	41, 43	<b>RECORDS</b>	92, 93, 98
	Receivers	66	<b>REEL-TO-REEL TAPE, BLANK</b>	
	Accessories	67-69	Relays	95
	Remote Control	69, 70, 119	<b>RESISTORS</b>	92, 93, 95
	<b>ROTATORS, ANTENNA</b>	116	<b>S</b>	
	Scanners, VHF/UHF	134, 136	Screws	72
	Screwdrivers	75	Sealing Compounds	73
	<b>SECURITY EQUIPMENT</b>		Accessories	108
	Alarms	107-109	Automobile	108
	Control Center	107	Smoke Detectors	106
	Doorscope	108	Sounding Devices	103, 107-9
	Smoke Detectors	106	<b>SEMICONDUCTORS</b>	92-93, 98-101
	Shortwave Receiver	137, 143	Kits	159, 162
	Signal Tracer	105	Sirens	108, 109
	Sirens	108, 109	Smoke Detectors	106
	Socket Sets	76, 77, 97	<b>SOCKETS</b>	71, 86, 87, 93
	Spacer	85	IC	97
	Transistor	97	Transistor	97
	<b>SOLDERING EQUIPMENT</b>		Transistor	97
	Spacers	85	Transistor	97
	<b>SPEAKERS</b>		Accessories	43, 45
	Auto	46, 49, 124	CB	124
	Controls	45, 46	Enclosure Kit	45
	Extension	22, 35, 45-47, 124	Grilles and Cloth	21
	Hi-Fi	18-22, 44-47	L-Pad	44
	Musical Instrument	44	Outdoor	22, 35
	Pillow	43	PA	35
	Replacement	44-47	Switches	45, 48
	Switches	45, 48	Splitters, Tape	69
	Storage Albums, Tape	68	<b>STROBE LIGHT</b>	23
	Kits	160	<b>STYLIS, PHONO</b>	40, 41
	<b>SWITCHES</b>		AC	71
	Coaxial	121	Lock Type	108
	Magnetic	90	Pushbutton	90, 93
	Slide	90, 93	Speaker	45, 48
	Toggle	48, 90, 93	SWR Meter	121
	<b>SYNTHESIZERS, 4-CHANNEL</b>	23, 51	<b>T</b>	
	<b>TAPE</b>		Accessories	67-69
	Blank Recording Tape	64-66	Electrical	73
	Prerecorded	38	<b>TAPE EQUIPMENT</b>	
	(8-Track)		Auto Players	52
	8-Track/Cassette	50	Players, Compacts	27, 140
	Players, Stereo	57, 60, 140	Portables, 8-Track/Radio	60
	Record/Play Compacts	26, 54, 55	Record/Play Decks	56, 57
	(Cassette)		Auto Players	53
	Cassette/8-Track	50	Clock-Radio	61
	Players, Stereo	57	Portables, Cassette/Radio	61
	Record/Play Compacts	28, 55	Record/Play Decks	57-59
	<b>TELEPHONES</b>	109	Accessories	109-111
	Amplifier	111, 162	<b>TELEPHONE ANSWERER</b>	110
	Telet/Microscope	75	Television Accessories	2, 73, 114-120
	Terminal Boards	85, 91, 97	Terminal Strips	85, 92
	<b>TEST EQUIPMENT</b>	104, 105, 149	Kits	160, 162
	Test Leads and Probes	85, 105	Thermometer Kit	162, 163
	Time Radio	137	Timers	70, 96, 119
	Tools	72-77	Torches, Butane	76
	Transformers	35, 88	Transistors	92, 93, 98, 100, 101
	Transistor Tester	105	Treasure Finder	125
	Tubes	84, 94	Brighteners, TV	119
	Tubing, Plastic	89	Heat Shrinkable	89
	<b>TUNERS</b>	15, 17	<b>TURNABLES</b>	30, 32
	TV Antennas	114, 115, 117, 120	Accessories	2, 116-120
	TV Filters	119, 121	Twin Lead Wire	119
	Two-Way Radios	125-133	<b>U</b>	
	<b>UHF ANTENNAS</b>	114, 115, 117, 120, 136	VHF/FM Antennas	114, 115, 117, 120, 136
	UHF Radios	142, 143	Scanners	134, 136
	<b>V</b>		VHF Radios	142, 143, 145, 146
	Scanners	134, 136	Scanners	134-136
	<b>VOLUME REGULATORS</b>	92, 99	VOM's	104, 105
	Kits	160	Volume Controls	92, 93, 95
	VU Meters	96, 105	<b>W</b>	
	<b>WALKIE-TALKIES</b>	125-127	<b>WEATHER RADIOS</b>	145
	Wiper Delay Kit	161	<b>WIRE AND CABLE</b>	
	Antenna	88, 118, 119, 121, 123, 136	Appliance	89, 119
	Audio	42, 43, 89	Coaxial	88, 119, 121, 136
	Hookup	42, 43, 89	Intercom	89
	Lamp	89	Magnet	89
	Microphone	89	Shielded	42, 43, 89, 116
	Rotator, Antenna	119	Speaker	42, 43, 89
	Telephone	109	Wire Bending Jig	75
	Wire Cutters	72, 74	Wire Strippers	74
	Wireless Intercoms	112, 113	Wireless Mike	33
	Kit	162	<b>Z</b>	
	Zener Diodes	92, 98		

Charge and Time-Pay Plans Available at Most Radio Shack Stores

# Lifetime Tubes from Radio Shack®

Our Own Famous Brand! Tubes That Last as Long As Your Set — or We Replace Them FREE!

(Except for Physical Damage)



Our exclusive Realistic Lifetime brand tubes are custom made to our own specifications — we have the final say on the rigid standards of quality control. And we are so confident of the finished product that we can make this "no gimmick" replacement offer that's unheard of in the rest of the industry. The following most-wanted types are IN STOCK in most Radio Shack locations nationwide.

Tube Type	Each	Tube Type	Each	Tube Type	Each	Tube Type	Each
1B3GT/1G3GT	3.68	6BL8/ECF80	2.56	6HV5A	8.39	8CG7/8FQ7	2.84
1K3GT/1J3GT	3.68	6BQ5/EL84	3.64	6HZ6	2.98	10GN8	4.49
1V2	2.38	6BZ6	2.95	6JB5	4.45	12AT7/ECC81	3.19
2AV2	2.94	6CB6A/6CF6	3.08	6JC6	4.17	12AU7A/ECC82	2.87
3A3/3AW3	3.75	6CG3/6CE3/6CD3	3.76	6LQ6/6JE6A	7.79	12AV6	2.38
3AT2	3.64	6CG7/6FQ7	2.84	6JH6	3.29	12AX7A/ECC83	2.59
3CU3A	4.69	6CG8A	3.99	6JS6B	6.99	12BA6	2.68
3DB3	4.10	6CJ3/6DW4B/6CL3	3.49	6JU8A	4.13	12BE6	2.84
3GK5	3.59	6DQ6B/6GW6	4.99	6KA8	4.55	12BY7A/12BV7	3.29
3HM5/3HA5	3.59	6EAB	3.68	6KD6	7.89	12GN7A	5.19
4BZ6	3.29	6EH7	3.55	6KE8	5.69	17JZ8	3.59
4EJ7/LF184	3.39	6EJ7/EF184	3.29	6KT8	4.99	23Z9	4.45
5GH8	4.38	6EW6	3.25	6KZ8	3.79	24L06	7.79
5LJ8	4.10	6GF7A	4.94	6LB6	7.89	33GY7A	5.99
5U4GB	2.87	6GH8A	2.94	6L6GC	5.69	35W4	2.11
6AQ5A/6HG5	3.15	6GJ7/ECF80	2.79	6LJ8	4.10	38HE7	6.85
6AU6A	3.05	6GM6	3.92	6LU8	4.49	50C5	2.87
6AW8A	4.17	6GU7	3.89	6LU8A/6KD8	3.64	7025	2.59
6BA6/EF93	3.12	6GY6/6GX6	3.19	6U10	3.78		
6BA11	4.55	6HB7	3.59	6V6GTA	4.27		
6BK4C/6EL4A	6.97	6HM5/6HA5	3.57	6Z10/6J10	5.69		



## Why are the Contacts Gold-Clad?

You want the best, so we use 24K gold-clad pins for lower inductance, better heat dissipation, less resistance, positive tube-to-socket contact.



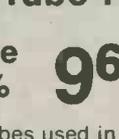
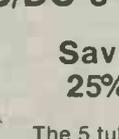
## FREE Tube Testing At Most of Our 4200 Locations

Do your own troubleshooting and *really* save! Each tester has simple 1-2-3 instructions — anybody can do it. Replace your weak or burned out tubes from our big selection. Radio Shack is your one-stop tube shopping center!

## Realistic's Famous Lifetime AC/DC 5-Tube Package

Save 25% **966**

The 5 tubes used in most AC/DC radios. One each of types 12AV6, 12BA6, 12BE6, 50C5 plus 35W4 rectifier. Cost separately is \$12.88. You save \$3.22 on the 5-tube package!



## WE CAN ORDER "HARD TO FIND" TYPES ON OUR "HOTLINE"

And Have Them Sent Directly to Your Nearby Radio Shack Store

# 2000 types available!

We stock the above-listed popular tube types in most of our stores. In addition, we can supply almost ANY type of tube manufactured! Chances are that the tube you want for that special project or repair job is in stock at your local Radio Shack store — if not, the store Manager can "Hotline" order nearly any type made and get shipment within just a few days from our centralized warehouse nearest you. That's service!

Retail Prices in This Catalog May Vary at Individual Stores and Dealers

# Terminals and Test Leads for Project Builders

## Barrier Terminal Strips



Pack of 2 Low As **89¢**

Base, 7/8" wide x 1 1/32" high.  
 2 Terminals. 274-656 ..... Pack of 2/89¢  
 3 Terminals. 274-657 ..... Pack of 2/99¢  
 4 Terminals. 274-658 ..... Each 79¢  
 6 Terminals. 274-659 ..... Each 89¢  
 8 Terminals. 274-670 ..... Each 1.29

## Lever Terminals



**99¢**

Deluxe front-loaded spring-tension terminals with lever release for quick speaker connections. 2 terminals. 2 1/8 x 1 5/16". 274-621 ..... 99¢

## Pushbutton Terminals



**89¢**

Wire is held by spring-tension. Instant pushbutton release. 2 terminals. 2 1/8 x 3/4". 274-315 ..... 89¢

## Screw Terminal Strips



Low As **69¢**

1/16 x 5/8" bakelite strips. Cadmium plated terminals.  
 2 Term. with centered phono jack. 2 3/8" L. For speaker connection. 274-620 ..... Pkg. of 2/79¢  
 2 Term. without phono plug. 1 1/16" L. 274-663 ..... Pkg. of 2/69¢  
 4 Term. without phono plug. 2 9/16" L. 274-665 ..... 79¢  
 Pack of 13 assorted screw terminal strips. 274-345 ..... 1.99

## Tie-Down Terminal Strips



Low As **69¢**

Bakelite; solder lugs, 3/8" ctr.

Cat. No.	No. of Lugs	Pack of 4
274-688	5	69¢
274-689	6	79¢
274-692	8	89¢

## Insulated Alligator Clips



**A** "Mini" Clips. 3 black, 3 red, 2 green, 2 yellow. Open to 3/16". 1 1/4" long. 270-378 ..... Pkg. of 10/99¢

**A** 1 3/8" Mini Clips. 6 black, 6 red plastic insulators. Jaw opens to 1/4". Solder type. 270-1545 ..... Pkg. of 12/1.49

**B** 2 1/4" Clips. Open to 5/16". Mixed colors. Solderless type. 270-375 ..... Pkg. of 10/1.29

**C** 2 1/2" Clips. 5 red and 5 black. Solder-type. All steel jaws. 270-347 ..... Pkg. of 10/1.49

**D** Heavy-Duty Clips. 2 5/8" long. 3 black, 3 red rated at 10 amps. Screw terminals. 270-349 ..... Pkg. of 6/1.89

**E** 1-Amp Clips. Vinyl insulated clips — 4 red, 4 black. Jaw opening, 3/8". Size 1 1/16". Screw terminals. 270-371 ..... Pkg. of 8/1.69

**D** "Mini" Alligator Clips. 5 black and 5 red. Steel jaws. 1 3/8" long. 270-374 ..... Pkg. of 10/1.09

**E** Heavy-Duty Clips. Brass-plated steel, phenolic insulation. 1 3/8" long. 270-1540 ..... Pkg. of 10/1.59

## Non-Insulated Alligator Clips



**A** 2" Slim Clips. All steel with screw connections. Solderless type. 270-348 ..... Pkg. of 16/1.59

**A** "Mini" Alligator Clips. 1 1/4" long. Jaw opens to 3/16". Rated to 1 amp. Solder type. 270-380 ..... Pkg. of 12/1.09

**B** Battery Clips. Heavy-duty. Screw terminals. 1 7/8" long. Jaw opens to 1/2". 10 amps. 270-379 ..... Pkg. of 8/1.29

**C** Copper Plated Micro Clips. Jaws open to 1/4". Length, 1 1/8". Solder type. 270-373 ..... Pkg. of 10/89¢

## Hardware for Builders

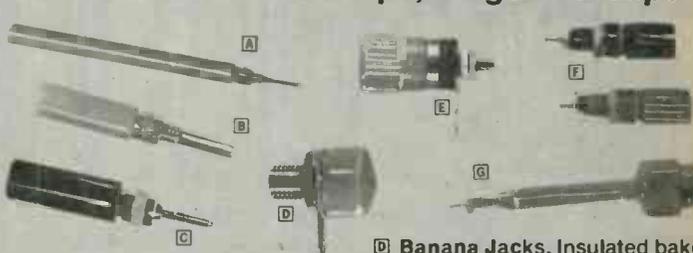


**A** Spade Lugs with Jacks. Insulated. 7/8" long. 5 red, 5 black. 270-1541 ..... Pkg. of 10/1.49

**B** Aluminum Spacers. Mixed: 1/4", 1/2", 3/4" and 1" sizes. Fit #2, 4 or 8 screws. 270-1393 ..... Pkg. of 48/1.59

**C** Fahnestock Spring Clips. 8 single 3/4" clips. Nickel-plated brass. 270-393 ..... Pkg. of 8/69¢

## Low-Cost Phone Tips, Plugs and Clips



**A** 5" Solderless Test Prods. Molded handles, 1 black, 1 red. Plated tip plug fits standard phone tip jacks. 1/2" tip. 5/4" long. 274-720 ..... Pkg. of 2/99¢

**B** Solderless Banana Plugs. Insulated handles, 1 black, 1 red. Fit standard banana jacks. Knurled collar. 2" overall. 274-721 ..... Pkg. of 2/79¢

**C** Solderless Phone Tips. Insulated handles, 1 black, 1 red. Fit standard tip jacks. Knurled collar. 2 1/8" overall. 274-723 ..... Pkg. of 2/69¢

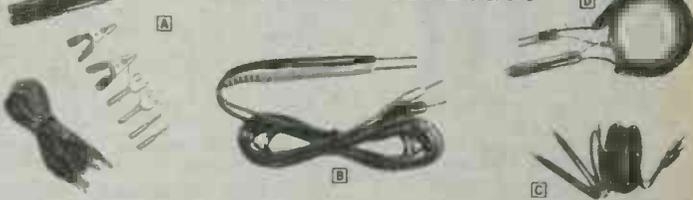
**D** Banana Jacks. Insulated bakelite, 1 black, 1 red. Req. 1/4" mtg. hole. With fiber washer, solder lug, hardware. 274-725 ..... Pkg. of 2/59¢

**E** 5-Way Binding Posts. 2 black, 2 red. External connection. With solder, insulators, lug terminals. 274-661 ..... Pkg. of 4/1.29

**F** Nylon Binding Posts. Insulated, 1 black, 1 red. Req. 5/16" mtg. hole. Solder terminal. 274-662 ..... Pkg. of 2/1.19

**G** Mini Test Clips. Insulated, 1 black, 1 red. 2 1/8" overall. 270-372 ..... Pkg. of 2/1.29

## Assorted Test Leads



**A** 11-Pc. Test Lead Set. Two 4 1/2" prods; 6' black and red test leads with banana plugs; 2 heavy-duty spade lugs; 2 phone tip plugs; 2 insulated clips; carrying case. 270-332 ..... 3.99

**B** 60" "Flexi" Test Leads. Feature "Flexi-Probes" with molded strain-relief; eliminates wire breakage. Tip plugs fit most multi-testers. 278-740 ..... 1.89

**C** 50" Test Leads with Banana Plugs. Molded plastic handles. Solderless nickel-plated brass tips. Insulated, shock-proof! 278-746 ..... 2.69

**D** Coiled Cord Test Leads. Color coded with solderless 5" test prods at one end, banana plugs at the other. 13" cord extends to 6'. Includes adapter phone tips. Fits any multimeter. 278-750 ..... 3.19

## Multi-Conductor Cord and Chassis Connectors

Ideal for All Electronic and Electrical Applications



Low As **69¢**

Pins are indexed — plugs of one type will not fit socket of another type. Max. rating: 500 V, 7 1/2 amps, 1800 watts.

### Male Cord Connectors

2 Pin. 274-201 ..... 1.19  
 4 Pin. 274-204 ..... 1.29  
 6 Pin. 274-207 ..... 1.39

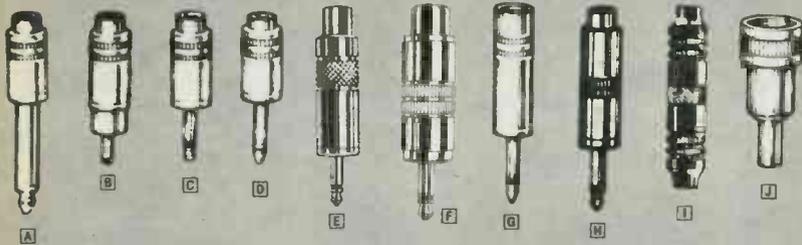
### Female Cord Connectors

2 Pin. 274-202 ..... 1.29  
 4 Pin. 274-205 ..... 1.39  
 6 Pin. 274-208 ..... 1.49

### Chassis Mounted Connectors

2 Pin. 274-203 ..... 69¢  
 4 Pin. 274-206 ..... 89¢  
 6 Pin. 274-209 ..... 99¢

# Everything Goes Together with Our Connectors

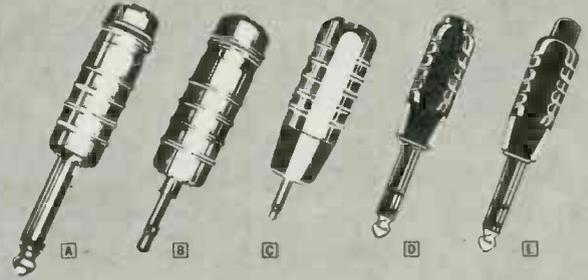


## Shielded Plug Adapters

For quick, positive interconnection between audio components whose existing connectors do not mate. Positive mating contacts prevent resistive line losses. All are shielded to prevent hum.

- Ⓐ Adapts 1/8" miniature phone jack to standard 1/4" phone plug. 274-325 ..... 99¢
- Ⓑ Adapts 1/8" miniature phone jack to phono plug. 274-326 ..... 99¢
- Ⓒ Adapts 1/8" miniature phone jack to 3/32" subminiature phone plug. 274-327 ..... 99¢
- Ⓓ Adapts 3/32" subminiature phone jack to 1/8" miniature phone plug. 274-328 ..... 99¢
- Ⓔ Adapts phono jack to a 3/32" subminiature phone plug. 274-354 ..... 99¢
- Ⓕ Adapts 3/32" subminiature phone jack to a phono plug. 274-355 ..... 99¢
- Ⓖ Adapts standard 1/4" phone jack to a 1/8" miniature phone plug. 274-047 ..... 1.19
- Ⓗ Adapts phono jack to 1/8" miniature phone plug. 274-330 ..... 1.09
- Ⓙ 1/8" Miniature Dual Jack Coupler. Allows two cables terminating with miniature phone plugs to be connected together. Shielded type. 274-298 ..... 1.09
- Ⓚ Microphone Adapter Plug. Accepts standard 1/4" phone plug and adapts it to a standard screw microphone connector. 274-048 ..... 1.19

## Stereo/Mono Adapters

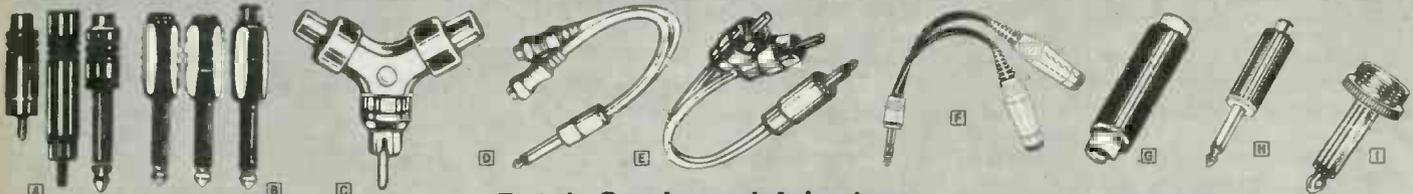


Really handy, they let you listen to monophonic tape player, transistor radio, television, other sound sources, through stereo headphones having 1/4" plugs. Each has 3-conductor inline phone jack with 2-conductor plug of your choice.

- Ⓐ Stereo jack to standard 1/4" phone plug. 274-360 ..... 1.39
- Ⓑ Stereo jack to 1/8" miniature phone plug. 274-361 ..... 1.39
- Ⓒ Stereo jack to 3/32" ultra-mini phone plug. 274-362 ..... 1.39

Combine both stereo channels to permit listening or recording in mono. Molded plastic.

- Ⓓ Stereo plug to 1/8" jack. 274-363 ..... 1.39
- Ⓔ Stereo plug to phono jack. 274-365 ..... 1.39



## Patch Cords and Adapters

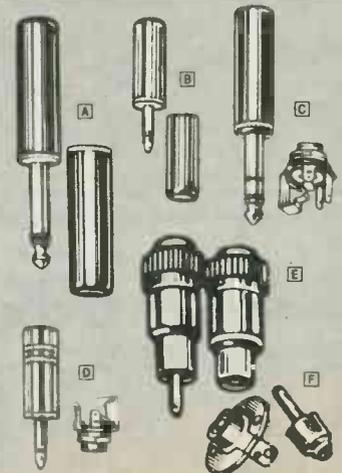
- Ⓐ Plug Adapter Set. Handy kit for adapting mini phone plug to phono plug, from phono plug to mini phone plug, from mini phone plug to 1/4" phone plug. 274-046 ..... Pkg. of 3/2.19
- Ⓑ Adapter Sets. Each is molded for long life and noise-free operation.
  - Style #1. For 1/4" phone plug to: phono jack, 3/32" subminiature phone jack & 1/8" miniature phone jack. 274-356 ..... Pkg. of 3/2.39
  - Style #2. For phono plug to: 3/32" subminiature jack, 1/8" miniature phone jack and 1/4" phone jack. 274-358 ..... Pkg. of 3/2.39
  - Style #3. For 1/8" miniature plug to: 3/32" subminiature jack, 1/4" phone jack & phono jack. 274-359 ..... Pkg. of 3/2.39
- Ⓒ Shielded "Y" Adapters. 2 phono jacks connected in parallel to a standard 1/4" phone plug. 274-304 ... 1.29
- Ⓓ Shielded "Y" Adapters. 2 phono jacks connected in parallel to a phono plug. 274-303 ..... 1.19
- Ⓔ Flexible "Y" Adapter. 2 phono jacks connected in parallel to a standard 1/4" plug. Features highest quality wire, soldered connections. Plugs and jacks are molded directly to various cable combinations. 5 3/4" long. 274-306 ..... 1.29
- Ⓕ Two standard phono plugs connected in parallel to a miniature 1/8" phone plug. 9" long. Molded connectors. 274-317 ..... 1.29
- Ⓖ Two standard phono jacks connected in parallel to a miniature phone plug. Molded connectors. 9" long. 274-318 ..... 1.29
- Ⓗ Dual Stereo Headphone "Y" Adapter. Accepts two pair of stereo headphones without loss of fidelity. One end has two 3-conductor inline 1/4" phone jacks connected in parallel to 3-conductor 1/4" phone plug. 10" long. 274-319 ..... 3.49
- Ⓙ Dual Phono Jack Couplers. Allows 2 audio cables to be connected using phono plugs. Provides for a variety of applications ... military, hobby, repairs, etc. 1/2x5 1/8". 274-1553 ..... Pkg. of 2/1.19
- Ⓚ Phono Plug Adapters. Inline adapters convert RCA-type phono plug to standard 1/4" plug. Provides a quick, positive inter-connection. Size: 1/2x2 1/8". 274-320 ..... Pkg. of 2/1.79
- Ⓚ Microphone Adapter Plug. Converts single microphone screw-on connector to standard 1/4" plug. 274-1558 ..... 89¢

## Archer® Phono Jacks

- Ⓐ Printed Circuit Phono Jacks. Ideal for mounting phono jacks directly to PC board. No mounting nuts required. Great for experimenters, hobbyists. 274-347 ..... Pkg. of 5/79¢
- Ⓑ Shielded Phono Jacks. Accepts phono plug. Fits 1/4" mounting hole. Solder lug connections assure a durable, clean and positive mating. Shielding assures a reduction of annoying hum. Size: 3/8x3/8". 274-346 ..... Pkg. of 4/1.49
- Ⓒ Shielded Inline Phono Jacks. Solder lug terminals. Mates with all phono pin plugs. 274-338 ..... Pkg. of 2/99¢
- Ⓓ Dual Phono Jack. For stereo changers, amplifiers, etc. Accepts RCA-type phono plugs. Chassis mount, phenolic construction. 274-332 ..... Pkg. of 2/69¢
- Ⓔ Quad Phono Jack. Accepts 4 phono plugs. Chassis mounting type. Phenolic construction. 274-322 ..... Each 69¢

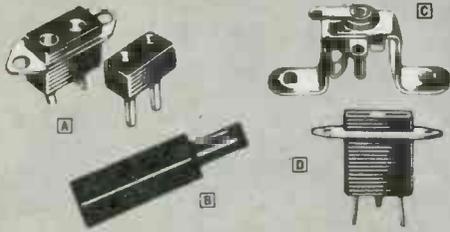
## Plug-and-Jack Sets

- Ⓐ 1/4" Standard. Phone plugs and inline jacks. One set red and one set black. 274-1241 ..... Pkg. of 2 Sets/1.99
- Ⓑ 1/4" Miniature. One black and one red for easy identification. Includes slim phone plug and inline jack. 274-283 ..... 1.49
- Ⓒ 3-Circuit Plug and Jack. 1/4" open circuit jack and plug with black bakelite shell, solder lug terminals, mounting hardware. 274-323 ..... Pkg. of 2/1.49
- Ⓓ 1/8" Miniature. Matching shielded phone plugs and closed circuit jacks. Remote speaker hookups, microphones and other uses. 274-336 ..... Pkg. of 2/1.39
- Ⓔ Shielded Phono Plugs and Jacks. 2 sets of plugs and jacks for audio connections. Positive connections prevent resistive line losses. Shielded to assure reduction of hum. 3/8x1 1/16". 274-334 ..... Pkg. of 2 Sets/1.49
- Ⓚ Phono Plug and Jack Sets. For use in phonos, amplifiers, recorders, tuners, hi-fi equipment. 274-1575 ..... Pkg. of 8/1.69



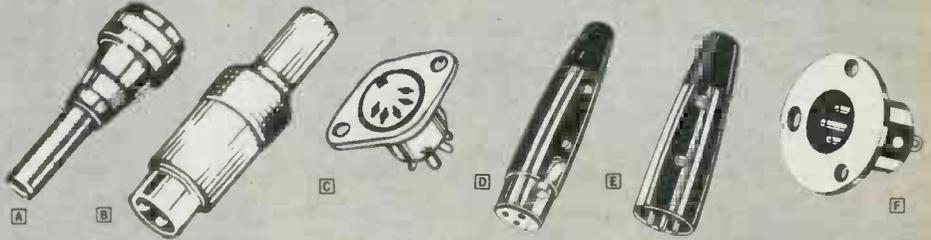
# The Shack® Has It All in Plugs, Jacks and Adapters

## 2-Pin and Power Connectors

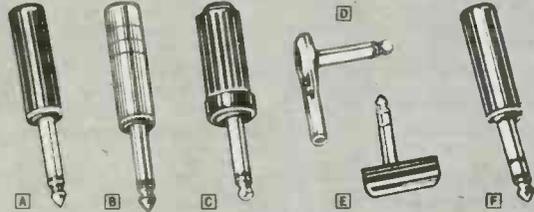


- A** 2-Pin Plugs and Sockets. Set of 6 in red, black and ivory. Plug size,  $\frac{3}{4} \times \frac{1}{2}$ ". Receptacle size,  $\frac{1}{2} \times \frac{1}{2}$ ". 274-342 ..... 1.89
- B** Adapter Power Jacks. Use with almost any electronic equipment. Each set contains one each of .085" and .097" I.D. power jacks. 1" long. .218" O.D. 274-1551 ..... Pkg. of 2/1.39  
1 $\frac{1}{8}$ " long. .196" O.D. 274-1550 ..... Pkg. of 2/1.39
- C** Chassis Mount Power Connector. One each of .085" and .097" plugs. Use with almost any electronic equipment. 274-1549 ..... Pkg. of 2/79¢
- D** AC Sockets. Taps 110 VAC from source to circuit chassis. Solder lug terminals. Flanged. Mounting holes. 270-642 ..... Pkg. of 4/99¢

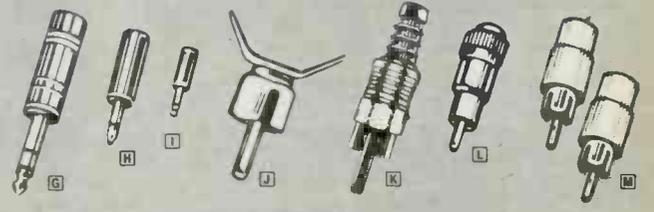
## Popular Mike and DIN-Type Connectors



- A** Microphone Connector.  $\frac{5}{8}$ ", standard thread inline mike connector. All-metal with locking sleeve to prevent accidental disconnection. Solder connections. Strain relief spring. 274-1560 ..... 99¢
- B** DIN-Type 5-Pin Audio Plug. Shielded with snap-on plastic shell to protect internal connections. For Realistic CB equipment, imported tape recorders, other CB mikes, external speakers, and audio equipment. Solder connections. 274-003 ..... 1.29
- C** DIN-Type 5-Pin Chassis Connector. Designed to mate with 3 or 5 pin European-style male DIN-type connectors. Solder lug terminals. Mounting hole centers,  $\frac{1}{8}$ ". 274-005 ..... 59¢
- D** A3F-Type 3-Pin Microphone Jack. Rugged, all-metal construction. For professional microphone applications. Self-locking/release mechanism. Neoprene cable strain relief bushing keyed to shell, ribbed for easy access to male plug. Gold-plated bronze contacts. Satin-nickel finish.  $3\frac{3}{32} \times \frac{3}{4}$ ". 274-010 ..... 2.99
- E** A3M-Type 3-Pin Microphone Plug. Mates with XLR-type mike jack above. With neoprene cable strain relief bushing, gold-plated bronze contacts. Satin-nickel finish.  $2\frac{2}{32} \times \frac{3}{4}$ ". 274-011 ..... 2.99
- F** C3F-Type 3-Pin Chassis-Mount Microphone Jack. For single hole mounting. All-metal construction. With gold-plated bronze contacts. 274-012 ..... 2.29



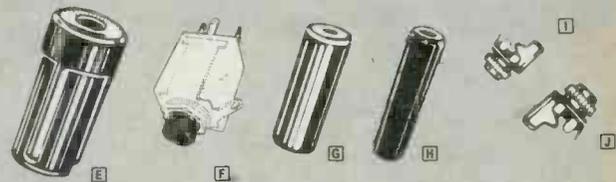
## Phone and Phono Plugs



- A** 2-Conductor  $\frac{1}{4}$ " Phone Plugs. Long slim type with  $\frac{1}{2}$ " diameter black bakelite barrel.  $2\frac{7}{8}$ " long. 274-1536 ..... Pkg. of 2/1.39
- B** 2-Conductor  $\frac{1}{4}$ " Phone Plugs. Long slim type with  $\frac{1}{2}$ " diameter shielded barrel.  $2\frac{7}{8}$ " long. 274-1544 ..... Pkg. of 2/1.79
- C** 2-Conductor  $\frac{1}{4}$ " Phone Plugs. Ribbed plastic double barrel handle takes cord phone tip or tips.  $2\frac{7}{8}$ " long. 274-1539 ..... Pkg. of 2/1.59
- D** 2-Conductor  $\frac{1}{4}$ " Phone Plugs. Shielded flat right angle type. Ideal for space saving applications.  $2\frac{7}{8}$ " long. 274-254 ..... Pkg. of 2/1.49
- E** Right-Angle  $\frac{1}{4}$ " Plug. 2-Conductor. Black shell. Screw type terminals. 274-256 ..... 99¢
- F** 3-Conductor  $\frac{1}{4}$ " Phone Plugs. Slim line. Black bakelite barrel. Use with push-to-talk mikes, stereo headphones.  $2\frac{7}{8}$ " long. 274-139 ..... Pkg. of 2/1.49
- G** 3-Conductor Phone Plug. Shielded type.  $1\frac{1}{8}$ " length barrel. Nickel plated. Solder lug terminals.  $2\frac{7}{8}$ " long. 274-285 ..... 1.39
- H** 2-Conductor  $\frac{1}{8}$ " Miniature Phone Plugs. Solder lug terminals.  $1\frac{1}{8}$ " long. Black. 274-286 ..... Pkg. of 2/99¢  
Red. 274-287 ..... Pkg. of 2/99¢  
Shielded. 274-288 ..... Pkg. of 2/1.19
- I** 2-Conductor  $\frac{3}{32}$ " Subminiature Phone Plugs. Solder lug terminals.  $1\frac{1}{16}$ " long. Sets of 2. Black. 274-289. Red. 274-290. Tan. 274-291 ..... 89¢
- J** Finger-Grip Phono Plugs. Wing-tip construction for easy use. For fast component hookup. 274-343 ..... Pkg. of 10/1.49
- K** Phono Plugs. 3 black, 3 red. Flexible plastic sleeving to prevent accidental shorting. With cable clamps. 274-451 ..... Pkg. of 6/99¢
- L** Shielded Phono Plugs. Reduction of hum is assured in this connector that's designed for easier soldering. It mates with all phono jacks. 274-339 ..... Pkg. of 2/1.19
- M** 2-Conductor Phono Plugs. Plastic insulated handles to prevent any crossover and short circuits. Comes complete with cable clamp to provide strong, positive connections. Assorted colors. 274-321 ..... Pkg. of 8/1.39



## Assorted Phone Jacks



- A** Enclosed  $\frac{1}{4}$ " Phone Jacks. Accepts standard  $\frac{1}{4}$ " phone plugs. Versatile, panel or printed circuit mounting, for numerous applications. Solder lug terminals for positive connections. Complete with mounting hardware for quick, easy installation. 2-Conductor. Open Circuit. 274-280 ..... 59¢  
2-Conductor. Closed Circuit. 274-281 ..... 65¢  
3-Conductor. Open Circuit. 274-282 ..... 69¢  
3-Conductor. Closed Circuit. 274-376 ..... 89¢
- B** Enclosed  $\frac{1}{8}$ " Miniature Phone Jacks. Closed Circuit. 274-296 ..... Pkg. of 2/89¢  
Open Circuit. 274-297 ..... Pkg. of 2/85¢
- C**  $\frac{3}{32}$ " Subminiature Phone Jack. Closed circuit type. Mates with all standard  $\frac{3}{32}$ " subminiature phone plugs. Lug solder connections. 274-275 ..... 69¢
- D**  $\frac{1}{4}$ " Phone Jack. Accepts standard  $\frac{1}{4}$ " phone plugs. With hardware for easy installation. 2-Cond. Open Cir., 2 Closed. 274-324 ..... Pkg. of 4/1.79  
2-Conductor. Open Circuit. 274-252 ..... Pkg. of 2/1.09  
2-Conductor. Closed Circuit. 274-255 ..... Pkg. of 2/99¢  
3-Conductor. Open Circuit. 274-312 ..... Pkg. of 2/1.69  
3-Conductor. Closed Circuit. 274-311 ..... Pkg. of 2/1.89
- E** Inline  $\frac{1}{4}$ " Phone Plugs. Durable black bakelite shell. Accepts standard  $\frac{1}{4}$ " phone plugs. Dimensions  $\frac{5}{8} \times 1\frac{1}{2}$ ". 2-Conductor. 274-340 ..... Pkg. of 2/1.59  
3-Conductor. 274-140 ..... Pkg. of 2/1.59
- F** Enclosed  $\frac{1}{4}$ " Stereo Phone Jack. 3-conductor. Double closed circuit. Strong, positive connection. Complete with schematic. 274-277 ..... 1.19
- G** 2-Conductor Inline Miniature Phone Jacks. Accepts miniature  $\frac{1}{8}$ " phone plugs. Strong, positive connection. Quick and easy to install. 274-333 ..... Pkg. of 2/99¢
- H** Stereo Inline  $\frac{1}{4}$ " Phone Jack. Slim black plastic 3-conductor jack mates with any 3-conductor stereo phone plug. Lug terminal connections. Overall length,  $2\frac{1}{4}$ ". 274-141 ..... Pkg. of 2/1.49
- I** 2-Conductor  $\frac{3}{32}$ " Subminiature Phone Jacks. Accepts subminiature phone plugs. Closed circuit. Perfect for solid-state microcircuit component connections. 274-292 ..... Pkg. of 2/99¢
- J** 2-Conductor  $\frac{1}{8}$ " Miniature Phone Jacks. Mounts in  $\frac{1}{4}$ " hole. Usable in panel up to  $\frac{1}{8}$ " thick. Provides clean, positive, sturdy connections. Fast, easy to install. Open Circuit. 274-251 ..... Pkg. of 3/89¢  
Closed Circuit. 274-253 ..... Pkg. of 3/1.19

Over 4200 Radio Shack Stores and Dealers — There's One Near You

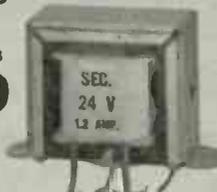
# Connectors, Wire, AC Adapters, Transformers

## Low-Cost Filament Transformers

Long, Color-Coded Leads for Easy Wiring

A great selection of most used transformers for experimenters and builders! Use in transistor circuitry, pilot lights, miniature relays, power supplies, replacements, conversions, more. Primaries designed to operate from 120 VAC at 60 Hz. All U.S. made.

Low As  
**169**



Cat. No.	Type	Volts	Amps	Size, inches	Each
273-1384	Miniature	6.3	300 mA	2 $\frac{1}{16}$ x1x1 $\frac{3}{16}$	1.69
273-1385	Miniature	12	300 mA	2 $\frac{1}{16}$ x1x1 $\frac{3}{16}$	1.89
273-1386	Miniature	24	300 mA	2 $\frac{3}{16}$ x1 $\frac{1}{2}$ x1 $\frac{3}{16}$	2.19
273-050	Standard	6.3	1.2	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	1.99
273-1505	Standard	12.6 CT	1.2	2x2 $\frac{3}{16}$ x1 $\frac{1}{2}$	2.69
273-1480	Standard	24	1.2	2x1 $\frac{1}{2}$ x1 $\frac{3}{16}$	2.99
273-1510	Heavy-Duty	6.3 CT	3	2 $\frac{1}{2}$ x2x1 $\frac{3}{4}$	3.19
273-1511	Heavy-Duty	12.6 CT	3	2 $\frac{3}{4}$ x2 $\frac{1}{2}$ x2	4.29
273-1512	Heavy-Duty	25.2 CT	2	2 $\frac{3}{4}$ x2 $\frac{1}{2}$ x2	4.99
273-1513	Heavy-Duty	12	5	4x2x2 $\frac{1}{2}$	8.95
273-1514	Heavy-Duty	18 CT*	4	4x2x2 $\frac{1}{2}$	8.95

\*Ideal for 5V (using CT) or 12V solid-state regulators.

## Universal AC Adapter

Fits Most Sets Using 4.5-6-7.5-9 Volts

- Use House Current—Save Batteries
- Set of 4 Adapter Plugs Each with Positive and Negative Connections

995

Powers battery-operated transistor radios, cassette recorders, walkie-talkies—nearly any set that has a jack for external power. Includes set of 4 plugs— $\frac{1}{8}$ " and  $\frac{3}{32}$ " phone type, plus .085" and .097" I.D. coaxial power types. Each has positive and negative connections for up to 64 different power combinations! 4-range voltage selector switch. Works from any 120 VAC source. Input: 120 VAC at 60 Hz. Output: 4.5, 5, 7.5 or 9 volts at 300 mA. With 6' cord. U.L. listed. 270-1551



## Subminiature 455 kHz Transformers



179  
Set of 3

Set of 3 transformers and one oscillator coil. Use for PC's, AM radio replacements and experiments. Tuning slug for easy adjustment. 273-1383 ... 1.79

## Audio Frequency Transformers



Low As  
**99¢** Each

Cat. No.	Type	Impedance		Each
		Primary	Secondary	
273-1376	Input	200k	1k	1.29
273-1380	Output	1kCT	8	.99
273-1378	Driver	10k	2k	.99
273-1381	Output	500CT	3.2/8	.99

## Adapters for Foreign Traveling



Pocket-Size Units  
Convert 220/240 Volts  
to 120 VAC 50/60 Hz

1195

Converter Adapter

For Non-Motorized  
Electrical Appliances

Traveling abroad? This handy device lets you use your 120 VAC electric heating appliances from 220/240 volts. Enjoy your frying pans, percolators, heating pads—the built-in thermostat automatically prevents overheating and overloading. Rated at 1000 watts. Weighs only 3 ounces. 3 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$ ". Not for motorized appliances. 273-1402 ... 11.95

Step-Down Transformer

For Electronic Equipment  
and Electric Razors

A "must" for foreign travel and useful at home, too! Converts 220/240 VAC for use with your electric razors, radios, tape players, calculators, etc. Recharges battery packs; works with cadmium and dry-cell rechargers. Rated at 40 watts. Thermally protected, completely safe. Only 9 $\frac{1}{2}$  oz.—a tiny 1 $\frac{1}{2}$ x2 $\frac{3}{8}$ x1 $\frac{1}{4}$ ". 273-1401 ... 11.95

## Coax Cable Connectors



- Ⓐ PL-259 Plug. UHF type connections; screw-on lock. 278-205 ..... 2/1.89
- Ⓑ SO-239 Chassis. UHF type connections; screw-on lock. 278-201 ..... 79¢
- Ⓒ PL-258 Coupler. UHF type connections; screw-on lock. 278-1369 ..... 1.09
- Ⓓ UG-175/U Reducer. For RG58/U cable; screw-on lock. 278-206 ..... 2/59¢
- Ⓔ UG176/U Reducer. For RG59/U cable; screw-on lock. 278-204 ..... 2/59¢
- Ⓕ Adapter. Converts PL-259 to  $\frac{1}{8}$ " mini plug. 278-197 ..... 1.49
- Ⓖ Solderless Plug Type. Allows quick, easy hookup without soldering coax to connectors; eliminates shorts. Long-life construction. For RG59/U and RG58/U Cable. 278-196 ..... 2/1.89
- Ⓗ Inline Splicer. Join or extend coaxial cable—no special tools needed. Positive contact maintains wire impedance. For RG58/U Cable. 278-202 ..... 1.49  
For RG59/U Cable. 278-203 ..... 1.49
- Ⓙ Adapter. Specially designed to adapt the UHF type coax connector to the Motorola-type standard pin plug. Common in-series adapter; a must for Hams and CB'ers. Also usable with police monitors. 278-208 ..... 1.59
- Ⓚ Motorola-Type Plugs and Jacks. For car radios, police scanners. Plugs. 274-711 ..... 2/69¢  
Jacks with Flanges. 274-712 ..... 2/69¢
- Ⓛ TV Connectors. Type CF-59A. For attaching 75-ohm standard TV lead-in (RG59/U coax cable) to TV matching transformers and CATV type systems. F59 Connectors. 278-211 ..... 2/89¢  
F56 Connector. For RG6 coax cable. 278-214 ..... 2/89¢
- Ⓜ FM/TV Connector. Type F81. Couples two coaxial assemblies with ends terminating with F-59 connectors. 278-213 ..... 89¢
- Ⓝ F61 Connectors. Mate with F59 Connector. 278-212 ..... 2/89¢
- Ⓞ M-359 Angle Adapter. UHF type with screw-on lock. 278-199 ..... 1.99
- Ⓟ M-358 "T" Adapter. UHF type with screw-on lock. 278-198 ..... 2.99

## Coaxial Cable Assemblies



Ideal for set-to-antenna connections on CB, Ham and test equipment. PL-259 at each end except for 278-966 which has a connector at only one end.

20 Ft. RG58/U Cable. 278-966	3.99	50 Ft. RG8/U Cable. 278-970	12.95
20 Ft. RG58/U Cable. 278-967	4.49	100 Ft. RG8/U Cable. 278-972	24.95
50 Ft. RG58/U Cable. 278-971	8.95		

For inter-chassis connections. PL-259 on each end.  
2 Ft. RG58/U Cable. 278-968 ..... 3.49 5 Ft. RG8/U Cable. 278-969 ..... 3.99

## Coaxial Cable

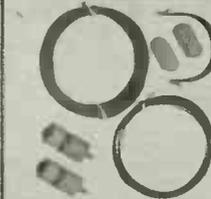


Extra low loss. Ideal for amateur radio or CB use. Minimum order 25 feet.  
RG8/U, 52 Ohm. 278-1325. 21¢/Ft. .... 500' Up. 19¢/Ft.  
RG58/U, 52 Ohm. 278-1326. 10¢/Ft. .... 500' Up. 9¢/Ft.  
RG59/U, 75 Ohm. 278-1327. 10¢/Ft. .... 500' Up. 9¢/Ft.

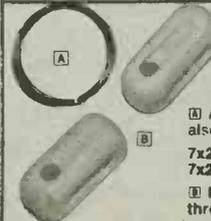
## Shortwave Antenna Kit for Worldwide Listening

595

Deluxe kit for long-distance reception. With everything you need for outdoor hookup. Includes 75' copper antenna wire, 50' lead-in wire, insulators, instructions. 278-758 ..... 5.95



## Antenna Wire and Insulators for Hams and Shortwave Listeners



Ⓐ Antenna Wire. For all types of indoor and outdoor antenna hookups, also grounding.

7x22 Bare Copper. 278-1329 ..... 50 Feet for 2.19  
7x24 Bare Copper. 278-1332 ..... 80 Feet for 3.49

Ⓑ Insulators. Strong compress-type porcelain prevents RF leakage through length of insulator. For antenna or guy wire installation. Sturdy egg-shape construction. Style may vary. 270-1518 ..... 2 for 55¢

# Radio Shack® Has What You Need in Wire & Cable

## Microphone Cable

Low-loss, shielded cable for general-purpose extensions. Also ideal for use as patch cords, interconnections.

Cat. No.	Description	Gauge	Feet	Each
278-1277	Single Conductor with Shield	24	20	1.79
278-1276	2-Conductor with Shield	24	20	1.79
278-1287	Lapel Mike	24	20	1.69
278-751	Heavy-Duty with Shield	22	40	4.69

## 25-Foot Microphone Extension Cable Kit

Single conductor shielded cable with connector at each end. Complete with adapter plugs for converting microphone connector to a 1/4" phone plug or inline jack. 278-013 ..... 4.99

## Multi-Purpose Cable Kit

Handy addition to any workbench! Three 6' cables terminated with subminiature phone plug, miniature phone plug and adapter power jack. Other end of each cable lead is stripped and tinned. 278-014 ..... 1.99

## Top Grade Intercom Wire

Cat. No.	Description	Gauge	Feet	Each
278-557	2-Conductor — Twisted	24	100	2.49
278-559	2-Conductor with Jacket	24	100	2.99
278-556	3-Conductor — Twisted	24	75	2.99
278-370	3-Conductor with Jacket	24	100	3.99
278-855	3-Conductor with Jacket	24	30	1.79
278-555	4-Conductor with Jacket	24	20	1.79

## 1/4-Pound Magnet Wire

Solvent-insulated, high-grade copper wire for dependable use in coil and transformer windings, also radio frequency and choke use. Easy to solder!

Cat. No.	Wire Gauge	Ft.	Each
278-003	#22	93	1.79
278-004	#24	150	1.79
278-005	#26	240	1.79
278-006	#28	378	1.79
278-007	#30	600	1.79
278-011	#32	953	1.79

## Rainbow Wire Packs

Flexible parallel cable, color-coded for easy identification. PVC insulation resists temperature changes, provides low resistance. Ideal for intercoms, model trains, toys. 24-gauge.

2-Conductor, 35 Feet. 278-755 ..... 1.99  
3-Conductor, 29 Feet. 278-756 ..... 1.99  
4-Conductor, 25 Feet. 278-757 ..... 1.99

## "Wrap Up" Your Wiring Job with These Accessories



**A) Wire Ties.** Package of 30 self-locking nylon ties. When tie is pulled tight around a bundle of wires, a tooth engages serrations on under side of tie, providing permanent attachment. Natural color and unbreakable. Each tie is 4' long. 278-1632 ..... 1.19

**B) Flexible Vinyl Steeving.** Convenient way to protect wires against abrasions and shorts. Twenty lengths of 2-feet each in a variety of sizes to fit wires from #20-gauge to #12-gauge. Assorted colors include red, yellow, orange, green and blue-gray. 278-1625 ..... 1.39

**C) Heat-Shrinkable Tubing.** Fits over wire and shrinks to half of its original diameter when heated. Forms smooth, tight-fitting cover for extra protection. Sizes, 1/8" to 1/2".  
Set of 14. Each 4" long. Heat to 95-200°F for shrinking. 278-1627 ..... 1.39  
Set of 20. Each 1" long. Require 275°F for shrinking. 270-1166 ..... 1.49

**D) C-Type Wire Clips.** Package of 10 adhesive-backed clips for convenient, secure fastening of cable, tubing, pipe or rod. Strong, resilient PVC construction. 278-1634 ..... 1.59

**E) Strain Reliefs.** Rugged one-piece construction absorbs pull and twist. Holds wire securely and provides insulation at chassis entrance. Set of 6 includes 4 for SPT1 and 2 for SPT2 wires. 278-1636 ..... 59¢

**F) Nylon Wire Clips.** Package of 48 in assorted sizes from 3/16" to 3/8". Ideal for anchoring individual wires and cables, wire bundles, tubing and rods. 278-1637 ..... 1.29

## 2-Conductor Speaker Wire

Extremely low loss; ideal for use with solid-state amplifiers. Use to widely separate speakers for proper stereo channel separation. Or run extra speakers and enjoy music throughout your home. Stranded.

Cat. No.	Description	Gauge	Feet	Each
278-008	Heavy-Duty Polarized	18	65	3.99
278-1602	Heavy-Duty Polarized	18	30	2.19
278-1388	Polarized, Clear	20	75	3.79
278-1387	Plastic	20	100	4.49
278-1385	Plastic	22	100	3.49
278-1384	Plastic	16	100	7.95

## 75-Foot "Mini" Speaker Cable

Specially made for speakers — highly conductive, yet unobtrusive and easy to install. Wire your whole house for music! 2-conductor #24 solid wire, transparent plastic insulation. 278-1509 ..... 1.69

## Zip Cord Specials

Stranded wire excellent for extension cords, speakers, shortwave antennas, many more uses!

Cat. No.	Description	Gauge	Feet	Each
278-864	2-Conductor, Plastic	18	30	1.99
278-1301	Miniature Plastic	24	50	1.99
278-1265	2-Conductor, Plastic	20	40	2.19
278-1264	2-Conductor, Plastic	18	100	4.69

## Test Lead Jumper Cables



For Making Rapid and Reliable Tests

**A) Set of 10 Color-Coded Leads.** 14" long with miniature insulated alligator clips on each end. 278-1157 ..... 2.59  
Ideal for testing or experiments.

278-1156 ..... 2.39  
**B) Set of 4 Test Lead Cables.** 30" long. Insulated clips at both ends. Red, green, black, yellow. Great for temporary hookups of any kind. 278-001 ..... 2.29

**C) Set of 6 Heavy-Duty Claw-Type Jumper Leads.** 40" long. Insulated clips at both ends. Color-coded. Ideal for servicemen and experimenters. 278-002 ..... 2.89

**D) Mini Test Clip.** Quick 'n easy plunger-type action. Miniature clip on both ends for rapid interconnection of test points. Gold-plated beryllium copper conductor. Nylon insulation molded directly onto clip and wire provides strong, reliable integral circuit. Extra flexible polyvinyl insulation, .087" outer diameter.  
Black. 2 FL 278-1158 ..... 1.99  
Red. 2 FL 278-1159 ..... 1.99

## Test Probe Wire

Plastic insulation; ideal for replacement or extension use. 20 gauge. In 25-foot lengths.  
Red. 278-553 ..... 1.49  
Black. 278-554 ..... 1.49

## Replacement AC Power Cords

6' Line Cord. 18-gauge wire, molded 2-prong plug. With stripped leads. Keep several handy! 278-1255 ..... 59¢  
6' AC Power Cord. Fits recorders, radios and compacts. Female receptacle/2-prong AC plug. 278-1256 ..... 1.39

## Hook-Up Wire Packs

Single Color

3 Assorted Colors

Cat. No.	Type	Ga.	Ft.	Each	Cat. No.	Type	Ga.	Ft.	Each
278-1291	Solid	18	60	1.59	278-1302	Solid	18	60	1.59
278-1292	Stranded	18	55	1.59	278-1303	Stranded	18	60	1.59
278-1294	Solid	20	80	1.59	278-1305	Solid	20	75	1.59
278-1293	Stranded	20	75	1.59	278-1304	Stranded	20	60	1.59
278-1295	Solid	22	100	1.59	278-1306	Solid	22	90	1.59
278-1296	Stranded	22	90	1.59	278-1307	Stranded	22	75	1.59

## Stranded Connecting Cable

Universal replacement wire for hobby or professional use. Popular sizes.

14 Gauge. 25'. 278-1290 ..... 1.99  
12 Gauge. 20'. 278-1289 ..... 1.99

# Reliable Switches for Building & Service Repair



## Remote Power Switch Box

**A** On-off control of three 120 VAC circuits, each rated 2 amps. Pilot lamp, std. outlet for each. 6' cord.  $1\frac{1}{2} \times 4\frac{1}{4} \times 2\frac{3}{4}$ ". 270-001 ..... 4.99

## SPDT Lever Switches

**B** **C** Solder lug terminals. Contacts rated 5A at 250 VAC. Lever, lever/roller length,  $\frac{3}{4}$ ". Size  $\frac{3}{4} \times \frac{1}{4} \times \frac{3}{8}$ ".  
**B** Subminiature Roller Lever. Operating force, 50 grams. 275-017 ..... 1.19  
**C** Subminiature Lever. Operating force, 45 grams. 275-016 ..... 99¢  
**D** **E** Contacts rated 10 amps at 120 VAC. Lug terminals.  $1\frac{1}{16} \times \frac{3}{8} \times \frac{5}{8}$ ".  
**D** Mini Roller Lever. Lever/roller,  $1\frac{3}{4}$ ". Op. force, 8 oz. 275-1101 ..... 1.29

**E** Miniature Lever. Lever, 2.34". Op. force, 2 oz. 275-1102 ..... 1.19  
**F** Simulated Roller Lever. Lever/roller,  $1\frac{1}{4}$ ". Op. force, 4 oz. 275-1103 ..... 99¢

## Rotary Switches

**G** Single deck type. Contacts rated 0.3 amp at 120 VAC.  $\frac{1}{4}$ " shaft dia.  
**4-Pole, 2-position. 2" shaft.** 275-1384 ..... 99¢  
**2-Pole, 6-position. 1 $\frac{1}{4}$ " shaft. Non-shorting.** 275-1386 ..... 1.09  
**Single-Pole, 12-position. Shorting. 1 $\frac{1}{8}$ " shaft.** 275-1385 ..... 99¢

## On/Off Switch Plates

**H** For toggle switches having  $1\frac{5}{32}$ " dia. Key-tab in ID. 275-320 ..... Pack of 6/59¢

## Knife Switch

**I** Plated spring contacts. Screw terminals, bakelite handles. Contacts rated 0.5 amps at 200 VDC. Size,  $1\frac{1}{2} \times 2\frac{3}{8} \times \frac{3}{4}$ ". 275-1537 ..... 69¢

## Magnetic Reed Switches

**J** Miniature size magnetic contact switches with normally open contacts, rated 0.5 amps at 120 VAC. Size,  $\frac{1}{2} \times 1\frac{1}{8}$ ". 275-034 ..... Pack of 4/79¢

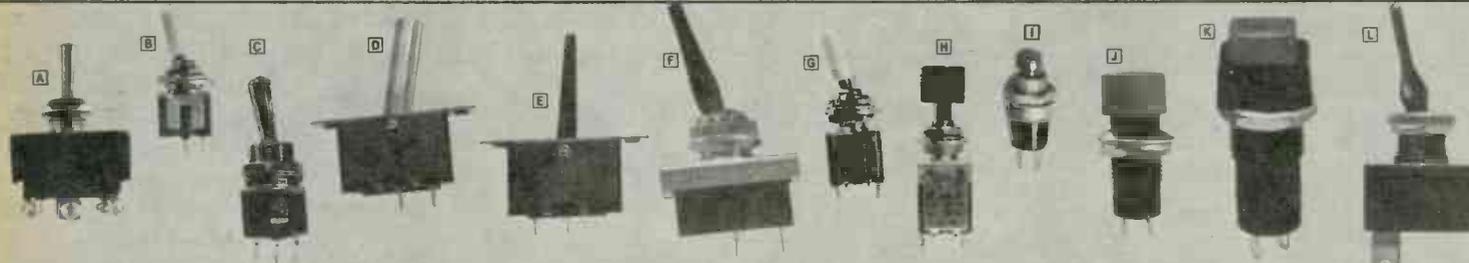
## Slide Switches

**K** Heavy-Duty. Rated 4A at 120 VAC. Size,  $1 \times 1\frac{1}{2} \times \frac{5}{8}$ ". Lug terminals. SPST. 275-401 ..... Pack of 2/49¢  
 SPDT. 275-402 ..... Pack of 2/59¢  
 DPDT. 257-403 ..... Pack of 2/69¢

**L** Subminiature. Rated 0.3 amps at 120 VAC. Size  $\frac{5}{8} \times \frac{1}{4} \times \frac{1}{4}$ ". SPST. 275-406 ..... Pack of 2/59¢  
 DPDT. 275-407 ..... Pack of 2/69¢  
**M** 4-Pole, DT Miniature. Contacts, 0.3 amps at 12 VAC. Size,  $1\frac{1}{4} \times \frac{3}{8} \times \frac{9}{16}$ ". 275-405 ..... 69¢  
**N** Switch Kit. Consists of 1 SPDT, 1 DPDT, 3 SPST, 1 DPST. Rated 0.5 amps at 120 VAC. Size,  $\frac{1}{2} \times \frac{7}{8} \times 1\frac{1}{2}$ ". 275-327 ..... 1.49

## Rocker Switches

**O** Solder lug terminals. Each switch includes mounting hardware. SPST Flip-Action. Rated 6A at 250 VAC.  $\frac{7}{8} \times \frac{1}{2} \times \frac{1}{2}$ ". 275-611 ..... 89¢  
 SPST Heavy-Duty, Positive Action. 10A at 120 VAC. Size,  $1\frac{1}{2} \times \frac{5}{8} \times \frac{5}{8}$ ". 275-610 ..... 99¢  
 DPDT. 3A/120 VAC. 275-030 ..... Pk. of 2/1.49



## Toggle Switches

**A** Center-Off, Heavy-Duty DPDT. Long bat handles, on/off plate. Rated 10A at 120 VAC.  $\frac{3}{4} \times 1\frac{1}{2} \times 1\frac{3}{8}$ ". Screw terminals. 275-1533 ..... 1.59

**B** Standard. With bat handles, on/off plates, solder lug terminals. Rated 3A at 120 VAC. Require  $\frac{7}{16}$ " mounting holes. SPST. 275-602 ..... 79¢  
 DPDT. 275-666 ..... 99¢  
 Switch Kit. Set of 3 (1 DPDT, 2 SPST). 275-322 ..... 2.19

**C** Subminiature. Rated 3A at 120 VAC. Solder lug terminals. 4 colored insulators for  $\frac{3}{8}$ " handle.  $\frac{3}{8} \times \frac{1}{4} \times \frac{3}{8}$ ". SPST. 275-612 ..... 1.29  
 SPDT. 275-613 ..... 1.39  
 DPDT. 275-614 ..... 1.69  
 DPDT, Center-Off. 275-620 ..... 1.79

**D** Miniature SPDT. Contacts rated 5A at 120 VAC.  $\frac{5}{8}$ " bat handle; body,  $\frac{5}{8} \times \frac{3}{8}$ ". Lug terminals. 275-603 ..... 1.19  
**E**  $\frac{3}{4}$ " Brushed Aluminum Baton. Flush mounting. Contacts rated 3A at 120 VAC. Lug terminals.  $1\frac{1}{16} \times \frac{5}{8} \times \frac{9}{16}$ ". SPST. 275-630 ..... 1.29  
 DPDT. 275-607 ..... 1.39  
**F**  $\frac{7}{8}$ " Tapered Black Lever. Rated 3A at 120 VAC. Flush mounting, lug terminals. Size,  $1\frac{5}{16} \times \frac{5}{8} \times \frac{1}{2}$ ". SPST. 275-631 ..... 1.09  
 DPDT. 275-608 ..... 1.19

**G** Heavy-Duty.  $1 \times \frac{3}{8}$ " lever. Rated 6A at 250 VAC. Bushing,  $\frac{1}{2} \times \frac{3}{8}$ ". Body,  $1\frac{5}{16} \times \frac{3}{8} \times \frac{3}{8}$ ". Solder lug terminals. SPST. 275-651 ..... 1.89  
 SPDT, Center off. 275-654 ..... 1.99  
 DPDT. 275-652 ..... 2.19  
 DPDT, Red lever. Switch has neutral center. 275-653 ..... 2.29

**H** Subminiature. Rated 10A at 120 VAC.  $\frac{3}{4}$ " bat handles. Lug terminals.  $\frac{1}{2} \times \frac{7}{16} \times \frac{1}{2}$ ". All with 4 colored insulators for handles. SPST. 275-324 ..... 1.59  
 SPDT. 275-326 ..... 1.69  
 SPDT, Neutral Center. 275-325 ..... 1.79  
 DPDT. 275-1546 ..... 1.89  
 DPDT, Neutral Center. 275-1545 ..... 1.99

## Pushbutton Switches

**I** Miniature SPST Push-On/Push-Off. Rated 3A at 120 VAC. Requires  $\frac{7}{32}$ " mounting hole. Lug terminals. Screw-on button.  $\frac{1}{2} \times \frac{3}{8} \times \frac{3}{8}$ ". 275-1551 ..... 1.99  
**J** Subminiature Push-On/Push-Off. Rated 3A at 120 VAC. Body,  $\frac{1}{4} \times \frac{7}{16} \times 1\frac{1}{16}$ ". Button,  $\frac{3}{8}$ " dia. Lug terminals. SPST. 275-1553 ..... 1.59  
 DPDT. 275-1554 ..... 1.79

**K** SPST Miniature. Momentary contact type.  $\frac{3}{8}$ " dia. red button, bake-lite body. Rated 0.5A at 120 VDC. Require  $\frac{1}{4}$ " mounting holes. Solder lug terminals. In Sets of 5. Normally Open. 275-1547 ..... 1.89  
 Normally Closed. 275-1548 ..... 1.89  
**L** Standard SPST. Rated 3A at 250 VAC. Require  $\frac{1}{2}$ " mounting holes. Solder lug terminals. Push-On/Push-Off.  $1\frac{1}{8}$ ". 275-011 ..... 1.09  
 Momentary.  $1\frac{1}{8}$ ". 275-609 ..... 1.59

**M** Square SPST. Rated 3A at 250 VAC. Require  $\frac{1}{2}$ " dia. mounting holes. Lug terminals. Push-On/Push-Off. Red. 275-617 ..... 1.49  
 Momentary. Black. 275-618 ..... 1.39

## Auto Panel Switch

**N** SPST Toggle. Heavy-duty. Contacts rated 5A at 12 VDC. Flexible 1" lever. Screw terminals. 275-701 ..... 99¢

## Illuminated SPST "Slidelite" Switch

Easy Snap-In Installation

199

For instant panel mounting — no drilling or screws required. SPST switch is rated at 6.0 amps AC or 1.0 amp DC at 125V. Neon lamp with  $\frac{1}{2}$ W series resistor for 125 VAC. Wire leads 6" long.  $1\frac{2}{32}$ " long  $x\frac{1}{32}$ " wide  $x\frac{2}{32}$ " deep. 275-673 ..... 1.99



## Illuminated Switches

299 SPST Toggle

Snap action. End of handle lights in "on" position. Large,  $1\frac{1}{4}$ " long bat handle. Contacts rated 10A at 120 VAC.  $\frac{5}{8} \times 1\frac{1}{16} \times \frac{3}{4}$ "; bushing,  $\frac{1}{2} \times \frac{7}{16}$ ". Solder lug terminals. 275-670 ..... 2.99



299 SPST Pushbutton

Push-on/push-off operation. Button lights in "on" position. Contacts rated 10A at 120 VAC. Solder lug terminals.  $1\frac{1}{4} \times \frac{1}{2} \times 1\frac{1}{8}$ "; bushing,  $\frac{3}{8} \times \frac{7}{16}$ ". With mounting hardware. 275-671 ..... 2.99

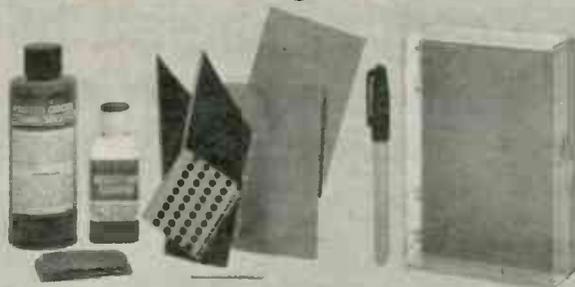


# Shop Radio Shack for Printed Circuit Board Kits

## Printed Circuit Kit—Custom Design Your Own PC Boards

All You'll Need

6<sup>95</sup>



Great for Hobby and Experimenter Projects

Simply draw the layout on the board and immerse it in etching solution. The copper not covered by resist-ink dissolves, leaving the circuit intact. Includes two 4½x3" copper-clad boards, 2-oz. bottle of resist-ink solvent, 6-oz. squeeze bottle of etchant, resist-ink pen, one pkg. layout strips and circles, one 1½x2½" scouring pad, ¼" drill bit, one 4½x6½x2½" plastic box for use as etching tank, instruction sheet. Completely safe. 276-1576

## Photographic Printed Circuit Board Processing Kit

Includes All Materials

8-Piece Kit  
12<sup>95</sup>



Fastest, Most Accurate Way to Produce "Professional Quality" PC Boards

The procedure is almost foolproof and the results are astonishing! You just spray a copper-clad PC board with the Sensitizer, place a negative of the circuit you want to reproduce over the board (or masking film with the circuit "lines" cut from it), expose the board to strong light, develop it, etch it, clean it — and you have a precise printed circuit! Includes etchant solution, etch-resist marking pen, resist-ink solvent, developing solution, sensitizer, masking film, two trays and complete instructions. 276-1560



Low As

99¢

## Copper-Clad PC Board Etching Materials

- A Etchant Solution. Special ferric chloride solution to remove excess copper from PC boards. 16 fl. oz. 276-1535 ..... 1.69
- B Etch-Resist Marking Pen. Fine-point pen containing black dye insoluble in etchant. With pocket clip. 276-1530 ..... 1.19
- C Etch-Resist Lacquer. Any area, large or small, covered by lacquer remains after etchant treatment. With brush. 1 fl. oz. 276-1531 ..... 99¢
- D Resist-Ink Solvent. Use on PC boards after etching. Removes any remaining ink, lacquer or flux. 2 fl. oz. 276-1532 ..... 99¢
- E Developing Solution. "Fixes" photosensitive surface after it is exposed to light. 16 fl. oz. 276-1561 ..... 2.99
- F Etchant-Resist Sensitizer. Photo-sensitizes PC boards, allowing the transfer of circuit patterns to boards by exposure to light. 3 fl. oz. 276-1562 ..... 3.99
- G Masking Film. Cut-and-peel type. Cut it where copper is to remain, then remove excess. 8x10" sheet. 276-1563 ..... 1.99

## Circuit Board Terminals



Firm, Sure Connection

Low As 1<sup>49</sup>

Set of 20

A Solderless Spring Terminals. Quick, easy connection. May be used again and again — perfect for breadboarding. 270-1547 ..... Pkg. of 20 for 1.49

B Push-In Terminals. For punched Perfboards. ⅛" dia. 270-1394 ..... Pkg. of 100 for 1.39

For Micro-Circuit Boards. ⅜" dia. 270-1392 ..... Pkg. of 100 for 1.39

## Integrated Circuit Perfboards

Fit Standard TTL IC's

Low As 99¢

For use with wire-wrap or direct solder. Grid hole centers, .100x.100". Hole size, ⅜". Use 270-1392 terminals, at left. 2½x6". 276-1395 ..... 99¢  
4½x6". 276-1394 ..... 1.29  
6x8". 276-1396 ..... 1.99

## Pre-Punched Phenolic Perfboards

Pattern	Grid Hole Centers	Hole Size
A	.265x.265"	⅜"
B	.187x.187"	⅛"
C	.100x.200"	⅜"

Cat. No.	Pattern	Size	Each
276-1582	A	3½x6½"	.89
276-1583	A	6½x9¾"	1.59
276-1390	B	4½x5½"	.99
276-1391	B	5½x9"	1.49
276-1392	C	4½x5½"	.99
276-1393	C	5½x9"	1.89

## Solid Copper-Clad Boards

Cat. No.	Size	Each
276-1586	3x6"	.99
276-1587	6x9"	1.79
276-1589	5x1¼"	1.99

## Compact 200 mW Speaker/Amplifier

- Fits 'Most Anywhere
- Ideal for Extensions
- Battery-Powered

9<sup>95</sup>

Use as Phono or Telephone Amp

A "pocket-full of power" that does the job of both speaker and amplifier. High-gain transistorized amp, driver transformers. Clean 300-12,000 Hz response. With input jack, plug, cable and on/off control. 2½x3½x½". Requires 9-V battery. 277-1008 ..... 9.95

## Battery Holders & Clips for Every Application

Perfect for replacement use in any battery-powered portable, or for mounting batteries in experimental and hobby projects. Sturdy and durable.

Low As 35¢

### METAL HOLDERS

Cat. No.	Holds	Each
270-1432	1 "AA" Cell	.35
270-1433	2 "AA" Cells	.39
270-1435	4 "AA" Cells	.59
270-1436	1 "C" Cell	.45
270-1437	2 "C" Cells	.55
270-1438	1 "D" Cell	.45
270-1439	2 "D" Cells	.59

PLASTIC 9-VOLT CLIPS  
270-325 ..... Pkg. of 5 for 99¢

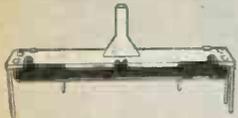
### MOLDED PLASTIC HOLDERS

Cat. No.	Holds	Each
270-382	2 "AA" Cells	.69
270-383	4 "AA" Cells (A)	.69
270-388	4 "AA" Cells (B)	.69
270-391	4 "AA" Cells (C)	.69
270-384	6 "AA" Cells	.79
270-387	8 "AA" Cells	.89
270-385	2 "C" Cells	.79
270-390	4 "C" Cells	.89
270-386	2 "D" Cells	.89
270-389	4 "D" Cells	.99

Get it "On Credit" at Radio Shack—Mastercharge and BankAmericard Honored at Most Stores

# ARCHER<sup>®</sup>-PAK Top-Value Parts

## Come to Radio Shack<sup>®</sup> for America's Largest Selection



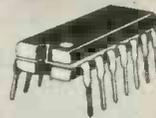
**6 Sliding Pots**

Smooth, accurate linear or audio taper controls of assorted values. May include duals. Lug terminals, or PC board mounting.  
271-1601 ..... 1.98

**100 Popular Resistors**



1/4, 1/2 and 1-watt values with 1% to 20% tolerances. Includes metal film types. Color-coded or marked.  
271-1602 ..... 1.98



**Four 741C OP Amps**

Hi-performance, frequency compensated. Max. input,  $\pm 18$  V. Input offset, 7 mV. Includes "mini" and 14-pin DIP's.  
276-1601 ..... 1.98



**10 Photo-Transistors**

The heart of sensor systems — similar to 2N5777. Sensitivity (mA/mW/cm<sup>2</sup>), 0.25. BV<sub>ceo</sub>, 20 V. Dark current, 100 nA.  
276-1602 ..... 1.98



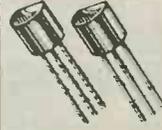
**6 All-Purpose 2N3904 Transistors**

Excellent for switching and amplifier applications. Diss., 300 mW. V<sub>ceo</sub>, 40 V. hFE, 50. NPN type. TO-92 cases. 276-1603 ..... 1.98



**Six 2N3906 Amplifying Transistors**

General purpose, small signal amp — one of the most popular. Diss., 350 mW. V<sub>ceo</sub>, 40 V. hFE, 50. PNP. TO-92's.  
276-1604 ..... 1.98



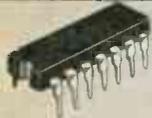
**16 Assorted Epoxy Transistors**

Includes 4 each: NPN and PNP high frequency, low noise, and 4 each: NPN and PNP medium power audio transistors.  
276-530 ..... 1.98



**12 Quality Silicon Transistors**

Three each: NPN and PNP high-gain, low noise, and 3 each: medium power PNP's and NPN's. From 360 to 800 mW dissipation.  
276-532 ..... 1.98



**8 Assorted IC Gates**

May include NAND, NOR, AND, OR gates of types 7400, 7402, 7403, 7440 and CMOS: 4001, 4011, 9002, 9003 and 946. DIP's.  
276-1605 ..... 1.98



**8 Bistable Flip-Flops, Trigger Circuits**

These may include types 7473, 7474, 74104, 74105, 74110 and CMOS: 4013, 9093, 9094. Dual in-line packages.  
276-1606 ..... 1.98



**6 Cascadable Counters/Dividers**

May include types 7490, 7492, 7493, 74160, 74162, 9316 and CMOS: 4017, 4018, 4020. Dual in-line packages.  
276-1607 ..... 1.98



**6 Assorted Voltage Regulators**

May include adjustable or fixed (5-24 V) types from LM-309K, 723, 340, 7800's and types UA78MG, UA79MG. Style may vary.  
276-1608 ..... 1.98



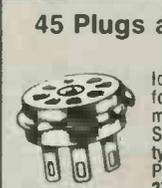
**40 Terminal Strips**

Wide variety of screw and solder lug types with from one to eight lugs. 101 uses for the builder and experimenter, and ideal for service stock.  
274-1601 ..... 1.98



**100 Pre-Formed Low Wattage Resistors**

Huge assortment of 1/2 and 1/4-watt carbon resistors in most popular values, 5% and 10% tolerances. Ideal for printed and subminiature circuits. Color-coded.  
271-1604 ..... 1.98



**45 Plugs and Sockets**

Ideal bench assortment for servicemen, experimenters and hobbyists. Selected for most used types. Subminiature and PC types included.  
274-1602 ..... 1.98



**15 Assorted LED's**

May include types MV-5054, MV-50, RL-209, others in colors: red, green, amber. Includes both axial and radial lead types. May also include battery status indicators.  
276-1622 ..... 1.98



**8 Assorted J and MOS-Type FET Transistors**

Selection may include types 2N4859, 2N3970, 3N201, 2N3819, 2N5460 and others. 20 volts. GM, up to 2000. 276-1623 ..... 1.98



**5 Assorted Unijunction Transistors**

May contain types 2N2646, 2N4891, 2N6027, 2N6028, D13T, etc. Includes some metal and plastic types.  
276-1624 ..... 1.98



**8 CMOS Integrated Circuits**

May include type 4001, 4002, etc. gate counters, flip-flops, shift registers and other functions. Fits 14-pin DIP socket.  
276-1625 ..... 1.98



**35 Radio and TV Knobs**

Various sizes and shapes, including the most popular types. With and without shafts. Indispensable assortment for hobbyists and servicemen.  
274-1603 ..... 1.98



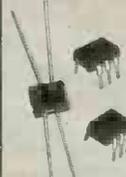
**4 Full-Wave Bridge Rectifiers**

General purpose rectifiers may include both chassis and inline configurations. Rated up to 25 A, with 15 V minimum. Leads identified for easier mounting.  
276-1626 ..... 1.98



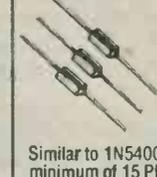
**5 LED Readout Displays**

Hobbyist/experimenter assortment may include MAN-1, MAN-3, DL-747, DL-33 and others. All segments light.  
276-1627 ..... 1.98



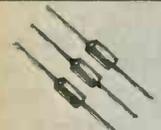
**8 Opto Isolators**

Assortment may include types H-11, H-13, MCD-1, MCD-2 and others. May have Darlington, single transistor or SCR output.  
276-1628 ..... 1.98



**Selection of 15 Medium Current Diodes**

Similar to 1N5400, 1N5401. Values up to 3 A; minimum of 15 PIV. Axial leads, cathode identified. 276-1630 ..... 1.98



**15 Assorted Zener Diodes**

Large selection of diodes with voltages from 2.8 to 120 V; 250 mW to 5 watts. May even include double anode types.  
276-1629 ..... 1.98



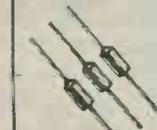
**10 Darlington Amplifier Transistors**

Variety of types, including 2N5305, 2N5306, 2N5525. Current-transfer ratios up to 100,000. 20 volts. 276-1631 ..... 1.98



**8 2N2907 PNP Silicon Transistors**

General purpose amplifier and high-speed, medium power switching transistors. Complement 2N2222-type. 276-1633 ..... 1.98



**15 Trigger Diodes In 30 V Range**

Type ST-2; often called Diacs. May be used to control either SCR's or triacs. Breakover range approximately 30 V. 276-1632 ..... 1.98

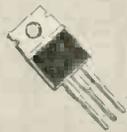
# and Semiconductors!

— 100% Functionally Guaranteed!



# 198 EACH

## 5 for 8<sup>00</sup>



**6 Darlington Amplifier Transistors**

Generous assortment may include types 2N6350, 6353, D40C, D40K, MJE1100, and types TIP640, TIP641. 276-1609 ..... 1.98



**8 Linear Operational Amplifiers**

OP amps may include any of types LM301, 741, 4250, 4251, 748, 702, 703, 709. Some frequency compensated. 276-1610 ..... 1.98



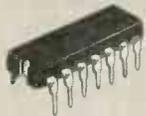
**4 IC Audio Amplifiers**

May include types LM380, 381, 377, 1303, PA239, ULN2126, ULN2277, UA739 and MC1339 in values up to 5 watts. Styles may vary. 276-1611 ..... 1.98



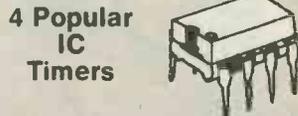
**6 DIP Dual/Quad OP Amps**

2 or 4 amps in a single DIP. May include types 324, 747, 1458, 1558, 3900, 4558, and 5558. Most short circuit protected. 276-1612 ..... 1.98



**4 Assorted Phase-Locked Loops**

May include types 560, 561, 562, 565, 566, 567, 1310, UA780 and LM1800; fixed and adjustable frequencies. 276-1613 ..... 1.98



**4 Popular IC Timers**

May include types 553, 555, 556, 2240; some are duals. Most are completely resettable and operate over a wide supply range. 276-1614 ..... 1.98



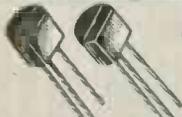
**5 Driver IC's**

May include types 7441, 7445, 7447, 7448, 75491, 75492, 500, 501, 502, 503, 505, 506. TTL compatible. 276-1615 ..... 1.98



**4 Accurate Voltage Comparators**

High accuracy and fast response. May include types 710, 711, 734, 760, 775, 311, 3302, 319 and 339. 276-1616 ..... 1.98



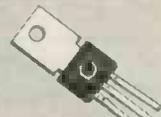
**8 General-Use 2N2222 Transistors**

General purpose amplifier, high speed, medium power switching. Dissipation, 600 mW. Ic, 800 mA. hFE, 50. 276-1617 ..... 1.98



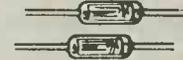
**5 Versatile Silicon-Controlled Rectifiers**

Values included may range from 15 to 400 V, and 1 to 25 A. Dozens of applications from dimmers to computers. 276-1618 ..... 1.98



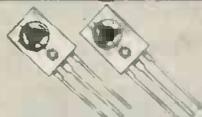
**4 Triac Circuits**

Selection may include values of 15 to 400 V, and 1 to 25 A. Twice the versatility of SCR's in many applications. 276-1619 ..... 1.98



**15 Hi-Speed Switching Diodes**

Type 1N914. Switching time only 4 ns. PRV, 90 V. IF, 10. VF, 1.0. Silicon type with long axial leads. 276-1620 ..... 1.98



**Two 30-Watt Power Transistors**

Ideally suited for audio output stages, bull horns, PA systems. Complimentary pair similar to 2N4921 and 2N4918. 276-117 ..... 1.98



**20 Micro-Minature 1 Amp Diodes**

Selection for general purpose, low power applications. Ifrm, 10 A. Surge, 30 A. Vrm, 50 V. 276-1621 ..... 1.98



**20 Tubular Electrolytics**

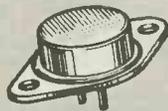
European manufactured for TV, Hi-Fi, test equipment and business machines. Up to 50 WVDC. Wide temp. 272-802 ..... 1.98



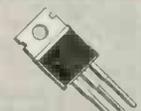
**100 Disc Capacitors**

Includes NPO's, Hi-Q's, N-750's, mylar and ceramic types. Values from 2 pF to 0.1 μF, in working voltages up to 1 kV. 272-801 ..... 1.98

**4 2N3055 NPN Power Transistors**

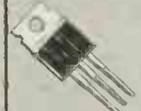


Maximum rating, 115 watts. Ic rating, 15 A. Vceo, 60. hFE, 20 at 4 A. 2 are metal (TO-3) and 2 are plastic encased (TO-220). 276-1634 ..... 1.98



**4 TIP-34 NPN Power Transistors**

Maximum rating, 100 watts. Vceo, 40. hFE, 50. TO-220 case may be house marked. 276-1636 ..... 1.98



**8 Power Tab Transistors with Built-in Sinks**

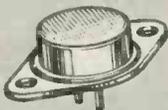
Similar to 2N6124-36 and 2N2621/3. Includes both NPN's and PNP's. Maximum specs: PT, 35 W; Vceo, 20; hFE, 50. 276-1639 ..... 1.98



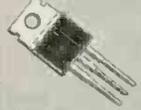
**8 35-Watt Power Tab Transistors**

NPN plastic types similar to 2N5296. Minimum specs: Vceo, 25; hFE, 25. Complimentary to 276-1641. 276-1640 ..... 1.98

**4 2N4901 PNP Power Transistors**



Maximum rating, 87 watts. Vceo, 40 minimum. hFE, 20 minimum. 2 are metal (TO-3) and 2 are plastic encased (TO-220). 276-1635 ..... 1.98



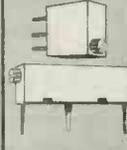
**8 Power Tab PNP Transistors**

Plastic types similar to 2N6109. Power handling capability, 35 watts. Minimum specs: Vceo, 25; hFE, 25. Styles may vary. Compliment to 276-1640. 276-1641 ..... 1.98

**12 Assorted Switches**



Varied selection may include pushbutton, slide, toggle and rocker switches rated up to 3 A at 120 VAC. SPST, DPDT, momentary and other types. Lug and screw terminals. 275-1601 ..... 1.98



**6 Potentiometers and Trimmers**

Assorted values and styles including multi-turn devices. Nylon cases. May include wire-wound types and some with gold-plated pins. 271-1603 ..... 1.98



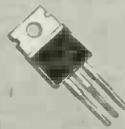
**6 Panel Lamp Indicators**

6 V lamps with red plastic lens/barrel assembly. <sup>13</sup>/<sub>16</sub>" long, extend <sup>3</sup>/<sub>16</sub>" in front of panel. Mount in <sup>1</sup>/<sub>4</sub>" holes. 5" connecting leads with tinned ends. 272-751 ..... 1.98



**6 Vertical Black Anodized Heat Sinks**

Upright for compact board spacing. Alternating fins increase dissipation. 1<sup>1</sup>/<sub>2</sub>"x<sup>1</sup>/<sub>2</sub>". For TO-220's. 276-1362 ..... 1.98



**4 TIP-36 PNP Power Transistors**

Silicon power transistors. Mesa type, TO-220 case. Maximum rating, 100 watts. Vceo, 40. hFE, 50. 276-1637 ..... 1.98



**Experimenter's Assortment of 5 Optodetectors**

May include cadmium sulfide photocells, infrared detectors, opto-interruptors, photo-transistors and other silicon photo sensors, photodiodes, LASCR's. 276-1638 ..... 1.98

# Shop Radio Shack® for Capacitors and Resistors

## Miniature Electrolytic Capacitors

Axial Type



Low As **29¢**



PC Type

High quality at reasonable prices — manufactured with welds at all critical terminations. Special processing assures long life over a wide range of temperature conditions. Excellent performance characteristics with extremely low leakage current.

Aluminum can construction with special end seal material for positive tight fitting seal. Ideally suited to high fidelity, television, business machine and test instrument applications. Available with PC or axial leads.

Cat. No.	μF	WVDC	Leads	Each
272-1001	4.7	16	Axial	.29
272-951	4.7	16	PC	.29
272-1002	10	16	Axial	.39
272-952	10	16	PC	.39
272-1003	22	16	Axial	.45
272-954	47	16	PC	.49
272-1005	100	16	Axial	.55
272-955	100	16	PC	.55
272-1006	220	16	Axial	.59
272-956	220	16	PC	.59
272-1007	470	16	Axial	.69
272-957	470	16	PC	.69
272-1008	1000	16	Axial	.89
272-958	1000	16	PC	.89
272-1012	4.7	35	Axial	.35
272-1024	4.7	35	PC	.35
272-1013	10	35	Axial	.45
272-1025	10	35	PC	.45
272-1014	22	35	Axial	.49

Cat. No.	μF	WVDC	Leads	Each
272-1026	22	35	PC	.49
272-1015	47	35	Axial	.59
272-1016	100	35	Axial	.65
272-1028	100	35	PC	.65
272-1017	220	35	Axial	.69
272-1029	220	35	PC	.69
272-1018	470	35	Axial	.89
272-1030	470	35	PC	.89
272-1019	1000	35	Axial	1.19
272-1032	1000	35	PC	1.19
272-1020	2200	35	Axial	2.19
272-1021	3300	35	Axial	2.79
272-1040	2.2	50	Axial	.39
272-1041	4.7	50	Axial	.45
272-1043	47	50	Axial	.59
272-1044	100	50	Axial	.69
272-1045	220	50	Axial	.79
272-1046	470	50	Axial	1.19
272-1047	1000	50	Axial	1.69

## Printed Circuit Capacitors

Extremely small, high quality, non-inductively wound. Feature high dielectric strength and rugged construction. Perfect for transistor circuits.



Low As **49¢**  
Pkg. of 2

Cat. No.	μF	Per Pkg.	Price
272-1065	.01	2	.49
272-1066	.022	2	.59
272-1068	.047	2	.69
272-1069	.1	2	.79
272-1070	.22	2	.89
272-1071	.47	1	.69

Low As **29¢**  
Pkg. of 2

## Ceramic Disc Capacitors

Tiny, tough and dependable in every application. Rugged, moisture-proof coating. Excellent in bypass and coupling applications in IF and RF circuits.



Cat. No.	pF	Price	Cat. No.	μF	Price
272-120	4.7	.29	272-126	.001	.29
272-121	47	.29	272-130	.005	.29
272-123	100	.29	272-131	.010	.29
272-124	220	.29	272-134	.050	.39
272-125	470	.29	272-135	.100	.39

## Tubular Capacitors

Low As **29¢**

Built to endure high heat and humidity. Non-flammable case. Will not leak or drip. 250 WVDC.

Cat. No.	μF	Each
272-1051	.01	29¢
272-1052	.047	39¢
272-1053	.1	45¢
272-1058	.22	49¢
272-1054	.47	69¢
272-1055	1.0	79¢

## Pack of 10 PC Electrolytics

Reg. Separate Items Price **59¢** Package Price **2.99**

- Excellent Performance
- Very Low Leakage Current

Handy package of 35 WVDC electrolytics containing two each of the most common values: 4.7, 10, 25, 50 and 100 μF. Perfect for audio and test instrument uses. Tolerate wide range of temperatures.

272-1035 ..... 2.99

## Radial Lead Tantalum Capacitors

Low As **35¢** Each  
Very High Precision

Cat. No.	μF	Each	Cat. No.	μF	Each
272-1401	0.1	.35	272-1407	2.2	.39
272-1402	0.22	.35	272-1408	3.3	.39
272-1403	0.33	.35	272-1409	4.7	.49
272-1404	0.47	.35	272-1410	6.8	.49
272-1405	0.68	.35	272-1411	10.0	.49
272-1406	1.0	.35	272-1412	22.0	.49

Nos. 1401-1408, 35 WVDC; 1409-1412, 16 WVDC.

## Ferrite Loop Antenna Coil

**99¢** Covers 540 to 1600 kHz AM Band

A high-quality slug-tuned coil suitable for transistor, tube or crystal radios. Sensitive high-Q antenna matches all tuning condensers in the broadcast band. Includes mounting bracket and hardware. 2x½". 270-1430 ..... 99¢

## Tubular Electrolytics

Low As **159**

May be used for service replacement and hobbyist applications. 2 leads.

Generally Used for Filtering, Bypassing, Coupling or Decoupling

Cat. No.	μF	WVDC	Each
272-103	20	450	1.59
272-104	40	450	1.69

## Non-Polarized Electrolytics

Low As **69¢**

Ideal for speaker crossover networks, bypass uses. Axial leads. Rated 50 VDC.

Cat. No.	μF	Each
272-996	1.0	.69
272-997	2.2	.79
272-998	4.7	.89
272-999	10	.99

## Electronic Xenon Flash Tube

**2.99** Ideal for Strobe Light or Photoflash Use

Most popular type used in electronic strobes. Ideal replacement; great for low-cost psychodetic strobes. Max. anode voltage: 300 V. Min. anode voltage: 200 V. Min. trigger voltage 4 kV. Approx. normal life: 8000 flashes. Use trigger coil below.

272-1145 ..... 2.99

## 4 kV Trigger Coil

**1.19** Ideal for Electronic Xenon Flash Tubes

Primary discharge voltage: 300 V; secondary voltage: 4000 V. Comes complete with specifications and diagram.

272-1146 ..... 1.19

## Subminiature Variable Capacitor

**1.19**

Standard 365 pF Capacitance

Wafer type. Integrates perfectly with most AM radio circuits. Gives smooth rotation, accurate mesh. Inter-leaved insulation prevents shorting between plates. 1" sq., ⅝" deep. Shaft: ¼" dia., 1" long. 272-1341 ..... 1.19

**SAVE 9.99**

## 63-Key Computer Control Keyboard

Keyboard with Project-Board

**39.95**

Reg. Separate Items Prices

~~49.94~~

The keyboard basic to many electronic projects using standard diode matrix or ASCII encoding circuits, such as micro-processors, computer terminals, TV typewriters and radio teletype. Sturdy, one-piece base construction, with all switches an integral part of the base for easier assembly and dust protection. 13x3½x1½". Solder-lug connections. (Style may vary from photo.) 275-1422 ..... 34.95

ASCII Keyboard Encoder Project-Board. For building an ASCII compatible terminal. Includes pre-etched, pre-punched, labeled PC board with instructions (including testing and troubleshooting). Less hardware and cabinet. (See listing on page 96 for further information.) 277-117 ..... 14.99

# Radio Shack is the Electronics Supermarket

## Volume Controls

- Shaft Size, 2x1/4"
- With Mounting Hardware

Versatile, ceramic enclosed rotary controls. Many low-voltage uses. Can be used with Potentiometer Switch (#271-1740, below) for On/Off control.



**99¢**  
Each

Linear Taper		
Cat. No.	Value	Each
271-1714	5k	.99
271-1715	10k	.99
271-1716	50k	.99
271-092	100k	.99
271-210	500k	.99
271-211	1 meg	.99

Linear Taper (Cont'd)		
271-093	2 meg	.99
Audio Taper		
Cat. No.	Value	Each
271-1720	5k	.99
271-1721	10k	.99
271-1722	100k	.99
271-1723	500k	.99

## Miniature Controls

**119**



- Audio Taper
- With DPST Switch

Fits 5/16" hole; bushing 1/4x3/16". Mtg. hardware included. 1/4" shaft 3/8" long. Size: 3/8x1/4x1".

271-214	5k	1.19
271-215	10k	1.19
271-216	100k	1.19

## Potentiometer Switch

**59¢**  
Each



Converts "Pot" Into On/Off Switch, Too

SPST switch mounts on rear of standard potentiometers (including above). Rated 120 volts at 3 amps. 271-1740 ..... 59¢

## Printed Circuit Types



- Rated 1/2-Watt
- 260° Rotation

**49¢**

271-226	500	.49
271-227	1k	.49
271-228	2.5k	.49
271-217	5k	.49
271-218	10k	.49
271-219	50k	.49
271-220	100k	.49
271-221	500k	.49
271-229	1 meg	.49
271-230	2.5 meg	.49

## Color-Code Guide



**39¢**

Pocket size. Rotary color discs translate color-codes of resistors, capacitors and inductors for values and tolerances. RETMA standard. 271-1210 ..... 39¢

## Axial-Lead RF Chokes

Low **79¢**  
As



High reliability design for all kinds of audio applications. Quality made for long, dependable use.

Cat. No.	mH	Amps	Each
273-101	0.01	1.50	.79
273-102	0.10	2.00	.99

## Crystal Mike Cartridge Replacement



**129**

General purpose. 50-8000 Hz response. Sensitivity: -55 dB. 1 1/2x1 1/4". 270-095 ..... 1.29

## Heavy-Duty DPDT Relays

**499**

10-Amp Contacts

Choice of 120 VAC Or 12 VDC Types



Includes socket and mounting hardware. Plug-in type. Encased in see-thru plastic cover. Silver contacts. 2 1/2x1 1/2x3/4" (less plug). 120 VAC: resistance, 2000 ohms; current, 18 mA. 12 VDC: resistance, 95 ohms; current, 125 mA. 120 VAC. 275-207 ..... 4.99  
12 VDC. 275-208 ..... 4.99

## 12 VDC Miniature DPDT Relay

**399**

3-Amp Contacts



- Includes Mounting Socket
- See-Thru Cover

Great for chassis and printed circuit mounting. Silver contacts. 12 VDC: resistance, 250 ohms; current, 50 mA. 1 1/4x1 1/4". Solder lug terminals, plastic housing, hold down clips. 275-206 ..... 3.99

## 1/2-Watt Resistors in Packs of 2

**19¢**  
Pack

Specify Resistance Value To Salesperson

271-000 Series

10	68	270	1k	3.9k	12k	47k	270k
15	82	330	1.2k	4.7k	15k	56k	470k
22	100	390	1.5k	5.6k	22k	100k	1 meg
27	150	470	1.8k	6.8k	27k	120k	2.2 meg
33	180	560	2.2k	8.2k	33k	150k	10.0 meg
47	220	680	3.3k	10k	39k	220k	

## 1/4-Watt Resistors in Packs of 5

271-1300 Series

Specify Resistance Value To Salesperson

**39¢**  
Pack

10	51	330	1.2k	3.9k	12k	51k	220k
15	68	390	1.5k	4.7k	15k	56k	470k
22	82	470	1.8k	5.1k	20k	68k	1 meg
27	100	510	2.2k	5.6k	22k	82k	1.5 meg
33	150	680	2.7k	6.8k	27k	100k	3.3 meg
39	220	820	3.0k	8.2k	33k	120k	4.7 meg
47	270	1k	3.3k	10k	47k	150k	10.0 meg

## 1/2-Watt Resistors

**299** Pack of 100

- 21 Values
- All Color-Coded
- Long Axial Leads



Large selection gives you most of the popular values. Ideal assortment for any electronic test bench. Contains 6 each: 100Ω, 1k, 4.7k, 10k, 100k; 5 each: 150Ω, 330Ω, 470Ω, 680Ω, 15k, 220k, 470k, 1 meg; 4 each: 180Ω, 390Ω, 22k, 56k, 120k, 330k; 3 each: 22k, 270k. 271-306 ..... 2.99

## 2-Watt Power Resistors

**49¢** • Color-Coded  
Pkg. of 2 • Long Axial Leads



Hundreds of applications in high-fidelity equipment. Rated 2 watts, 10 ohms, 10% tolerance for use in critical electronic circuits. Ideal for replacement or hobbyist or builder uses. Axial leads. 271-080 ..... Pkg. of 2/49¢

## 10-Watt Power Resistors

**79¢** Pack of 2  
• Wirewound  
• 10% Tolerance  
• Axial Leads  
• Rectangular Ceramic Body



271-131	1 ohm
271-132	10 ohm
271-133	50 ohm
271-135	100 ohm

## 1/4-Watt Resistors

**299** Pack of 100

- 13 Values
- Color-Coded
- Long Leads



Generous assortment of the most popular 1/4-watt resistor values. Perfect for builder or hobbyist. 5% tolerances. Contains 10 each: 10Ω, 1k, 10k, 100k; 8 each: 47Ω, 100Ω, 470Ω, 2.2k, 4.7k, 1 meg; and 4 each: 150Ω, 220Ω, 15k. 271-308 ..... 2.99

## 5-Watt Power Resistors

**69¢** • 5% Tolerance  
Each • Rectangular Ceramic Body



Cat. No.	Ohms	Each
271-128	0.1	.69
271-129	0.33	.69
271-130	0.47	.69

## Miniature SPDT Relays

**259**

- Low Current Drain

- Ideal for Transistor Circuits



Sensitive, lightweight, fully encased miniature relay with connecting leads. Contacts 1 amp at 125 VAC. Only 1/2x1 1/4x3/4". Great for builders and experimenters. Includes PC template. 6-9 VDC: resistance, 500 ohms; current, 12 mA. 12 VDC: resistance, 1200 ohms; current, 10 mA. 6-9 VDC. 275-004 ..... 2.59  
12 VDC. 275-003 ..... 2.59

## 1-Watt Resistors

**59¢** • Color-Coded  
Pack of 2 • 5% Tolerance



Cat. No.	Ohms	Price
271-072	0.56	2 for 59¢
271-073	1.0	2 for 59¢
271-075	3.3	2 for 59¢

## Miniature Reed Relay

**139**



1 1/2x1 1/2" - Perfect for "Mini" Circuits

Low current drain makes it ideal for transistor circuits. Contacts, 1 A; coil, 24 mA at 12 VDC. Resistance, 500 ohms. Pull-in, 6 VDC; hold-in, 1.5 V. PC mounting 275-230 ..... 1.39

# Archer® Project-Boards — The Way to Work with ICs

The Fun Way to Build and Experiment  
in Electronics at Lowest Cost

Select Your  
Project-Board Then  
Check Its Parts  
List for the Items  
You'll Need

Low  
As

199

The engineering "know-how" is already on each Project-Board. You just solder the required parts on printed circuit boards that are pre-etched, pre-punched and have each hole labeled so you know exactly where to mount each part. Each Project-Board includes a parts list showing the basic IC and all other components needed to complete the project — and ALL parts are available at most Radio Shack stores. It's the smart way to build and experiment with projects at minimum cost. Save even more by using parts you may already have in your own "junkbox". Buy the complete package and get all the electronic parts necessary to build your kit. Packages do not include test jigs, optional features, cases and hardware.



## Variable Power Supply

Low ripple, stable regulation — this Project-Board provides 0-18 volts with plus or minus operation at 1 amp. Also has variable current limiting and dual tracking power supply capabilities. Optional independent 5 volt, 1 amp fixed output. Perfect for working with TTL circuitry, and the plus/minus supply is ideal for working with OP amp designs. Complete package with all parts, except hardware and case, sells for 76.87.

277-112. Project-Board Only ..... 4.49

## Digital Frequency Counter

Offers selectable time base of either crystal or AC line operation. Regulated power supply for added stability and accuracy. Can be built with external probe and IN LINE monitoring. When built with the 277-108 Universal Display Board, readout features a large 8-digit display. Maximum frequency, 30 MHz. Complete package with all parts, except hardware and case, sells for 88.37.

277-111. Project-Board Only ..... 6.99

## Clock/Calendar/Timer

4 or 6 digit chronometer combines these features, which are normally found separately: 28/30/31 day calendar (it automatically counts the correct number of days for each month!); 12 or 24 hour alarm clock with 10 minute snooze control; and a 9-hour, 59-minute timer for radio or small appliance. Uses RS7001 MOS/LSI IC. (Cat. No. 276-1756). Complete package with all parts, except hardware and case, sells for 60.67.

277-109. Project-Board Only ..... 4.49

## Universal Display Board

Allows the hobbyist to multiplex most LED and incandescent displays in any manner. Perfect way to set up any digital display. Display Board accepts up to six 0.6" LED or ten 0.3" DIP displays. Includes instructions for use with 0.6" LED's (Cat. No. 276-056). 277-108

..... 3.99

## Digital Clock

Build your own "time-teller". Use with RS50252 Clock-On-A-Chip (Cat. No. 276-1751), and standard 7-segment LED's for readout. 12-hour operation. Provision for 4 digits to show hours and minutes; or 6 digits to include seconds. Has 24-hour on/chip oscillator alarm and a 10-minute "snooze" alarm. Complete package with all parts, except hardware and case, sells for 52.59.

277-107. Project-Board Only ..... 3.99

## 5-Volt Power Supply

Designed for use with IC RS7805 to provide a DC regulated, 1 ampere output. Use it to power all kinds of integrated circuit projects, including other Archer Project-Boards on this page. A 60 Hz output is also available to drive clocks. Complete package with all parts, except hardware and case, sells for 13.06.

277-102. Project-Board Only ..... 1.99

## Time Base Generator

Build a time base generator for oscilloscope calibration, sine wave to square wave conversion and digital signal sources. Kit contains printed circuit board, front and rear panel labels and instructions. Also includes instructions for optionally building a frequency counter/divider and binary coded decimal counter. Complete package with all parts, except hardware and case, sells for 31.49.

276-115. Project-Board Only ..... 5.99

## ASCII Keyboard Encoder

A challenging kit for the experienced builder. Use it to provide inputs to all types of equipment — TV typewriters, mini-computers, microprocessors, electric typewriters, etc. — designed to operate with ASCII (American Standard Code for Information Interchange) inputs. Uses the scan principle and has repeat key, negative going or positive going data valid strobe, latch outputs, shift and shift lock capability, true or false ASCII outputs and six extra control keys. Includes PC board and instructions with complete parts list. Complete package including all parts, except hardware and case, sells for 57.80.

277-117. Project-Board Only ..... 14.99

## Logarithmic LED VU Meter

An "add-on" systems meter that uses a highly visible string of LED's responding to audio levels 3 dB apart. Rivals those in top-quality audio equipment and its linearity and accuracy is certainly superior to conventional VU meters. Kit contains printed circuit board, panel labels for vertical or horizontal mounting, and instructions. Complete package with all parts, except hardware and case, sells for 22.61.

276-116. Project-Board Only ..... 2.99

## Integrated Circuit Stereo Amplifier

Use it with ceramic phono cartridges, AM/FM stereo tuners, stereo tape players or any signal source with sufficient output magnitude. Uses the RS377 dual 2-watt monolithic integrated circuit for delivering 2 full watts of RMS power per channel into 8-ohm loads. Features output current limiting, thermal shut-down protection and self-centering bias, source switching, and headphone jack with a speaker on-off switch. Kit includes a double-sided printed circuit board, front and rear panel labels, and instructions. Truly an exciting project for the serious builder. Complete package with all parts, except hardware and case, sells for 33.51.

276-118. Project-Board Only ..... 5.99

## Electronic Timer

An ideal timer for use with lights, dark room and small appliances. Utilizes Radio Shack 555 IC (Cat. No. 276-1723) as the heart of the timing circuit. Self-contained power supply, continuous time adjustments from 0-60 seconds and 0-6 minutes. Heavy-duty load relay. Complete package with all parts, except hardware and case, sells for 27.40.

277-113. Project-Board Only ..... 3.99

## 12-Volt Power Supply

Features a one-amp DC output and a 60 Hz sinewave output that's ideal for driving digital clocks. Powers a wide variety of integrated circuit projects. Incorporates power transistors in regulator circuit for good stability. It will even power most auto 8-track or cassette tape players in your home. Complete package with all parts, except hardware and case, sells for 18.43.

277-104. Project-Board Only ..... 1.99

## Single Digit Counter

Uses 7490 counter, 7475 latch and 7447 decoder-driver with standard 7-segment display. Cascade as many boards as you need and design multi-digit voltmeters, clocks, calculators, test equipment and dozens more fascinating projects. Complete package with all parts, except hardware and case, sells for 10.11.

277-103. Project-Board Only ..... 1.99

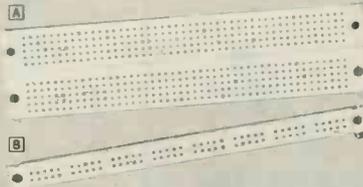
# Radio Shack® — America's Electronics "Parts Place"

## Special Test Clips for Troubleshooting ICs

Low As **459** Great for Crowded PC Boards

Clip attaches to IC chip for simultaneous hands-free testing of all leads. Scope probes and test leads snap securely to clip leads. Molded plastic body. Non-corrosive nickel/silver contacts and leads give positive low-resistance connections.

14-Pin. 276-1950 ..... 4.59  
16-Pin. 276-1951 ..... 4.99



## Experimenter Socket and Bus Strip

Low As **199** Breadboards Snap Together

Plug-In, Wire, Test, Modify, and Build Circuits WITHOUT Soldering or Using Special Patch Cords Ever Again

**A** Experimenter Socket. For DIP IC's. 2 sections electronically separated by a non-conductive bridge—each have 47 rows of 5 connected tie points on 1/10" grid. 5 9/16x1 9/16x2 1/64" plastic housing top-mounts on any flat surface. Spring-loaded, non-corrosive contacts. 276-172 ..... 9.95

**B** Bus Strip. Clips to socket for power supply connections. Two buses of non-connected terminals with 40 tie points each. 1/10" grid. 5 9/16x2 3/64x2 1/64". Spring-loaded, non-corrosive contacts. 276-173 ..... 1.99

## Universal PC Boards

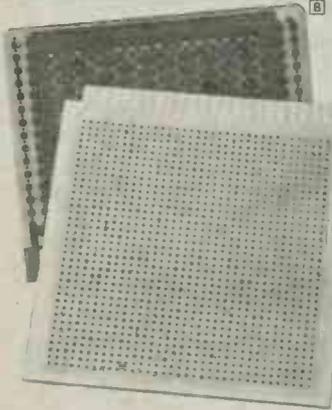
**299** Your Choice

Maximum mounting flexibility for IC's, discrete devices, DIP packages, pins and pin sockets. Boards have copper-clad mounting holes on 1/10" grid and are etched on both surfaces to accept a 22-pin connector (#276-1551). 4 1/2x4".

**A** Standard Edge-Card Board. For most circuit applications. Has 1295 mounting holes. 276-152 ..... 2.99

**B** 2-Voltage Source Edge-Card Board. For digital circuits. Has 1368 mounting holes. 276-154 ..... 2.99

**C** 3-Voltage Source Edge-Card Board. For OP AMPS. Has 1368 mounting holes. 276-153 ..... 2.99



## DIP Sockets

Low As **69¢** Pack of 2

Provide easy mounting of IC's on any chassis. Phenolic bodies.

### STANDARD

14-Pin. 276-027 ..... Pkg. of 2/1.29  
16-Pin. 276-030 ..... Pkg. of 2/1.29

### LOW-PROFILE

8-Pin. 276-1995 ..... Pkg. of 2/69¢  
14-Pin. 276-1999 ..... Pkg. of 2/1.19  
16-Pin. 276-1998 ..... Pkg. of 2/1.19  
28-Pin. 276-1997 ..... Each 1.19  
40-Pin. 276-1996 ..... Each 1.39



## Solderless Experimenter Kit

**299**



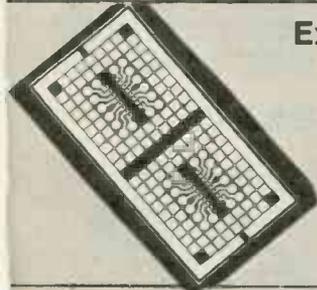
Simplifies IC Testing and Projects

Just assemble the board and you'll be able to test or use any 8, 14 or 16-pin IC without soldering to the IC itself. Includes 16-pin dual-inline IC socket and solderless spring clips. Complete with instructions. 277-101 ..... 2.99

## Experimenter's PC Board

**249** Simplifies IC Projects

Ideal for building many two-circuit projects. Fire-retardant, copper-clad board is only 2 1/2x5x1/16". Really simplifies integrated circuit projects by extending leads for easy soldering. 276-151 ..... 2.49



## Power Transistor Sockets

**49¢** Pack of 2

Protection designed for any TO-3 case. Brass-Cadmium spring contacts, molded nylon base. Threaded for mounting. 276-029 ..... Pkg. of 2/49¢



## Transistor Sockets

**129** Pack of 6

Eliminate loss or damage to transistors. Accept transistors with inline or triangle contact patterns. Printed circuit or chassis mounting. 3/8x1/4". With mounting clips. 276-548 ..... 1.29



## IC Socket Adapters

Your Choice **99¢** Pack of 2

**A** Dual-Inline. For 14 and 16-pin IC's. 2 1/8x1 1/2x1/16". Copper-clad. 276-024 ..... Pkg. of 2/99¢

**B** TO-5. For 8 and 10-pin IC's. 1 1/2x2 3/16x1/16". Copper-clad. 276-028 ..... Pkg. of 2/99¢



## Edge-Card Board Connectors

Low As **199**

For Dual-Readout of Double-Sided Edge-Card Boards

44-Pin. For 22-pin edge-card board. 44 solder-lug terminals. Insulated, non-corrosive contacts. 276-1551 ..... 2.99

62-Pin. For 31-pin edge-card board. 62 solder-lug terminals. Insulated, non-corrosive contacts. 276-1552 ..... 1.99

44-Pin Wire-Wrap. For automatic or hand wire-wrapping solderless terminations. Insulated, non-corrosive contacts. 276-1553 ..... 2.99



## Universal Heat Sink

**249**

Accommodates 9 different case styles and you can mount two transistors at a time. The edges have 6 handy "notches" for fastening. 62.25 square inches of surface area. Anodized aluminum. 276-1361 ..... 2.49



## Protective Heat Sinks

**169** Pack of 5

Spring-loaded 2 1/2" heat sinks with magnetic bases. Also 1 3/8" and 2 1/2" straight and bent jaw types. 276-001 ..... 1.69



## Heat Sink Compound

**89¢**

Silicone Base Grease

Use for proper heat transfer from power semiconductors to chassis or heat sink. 276-1372 ..... 89¢



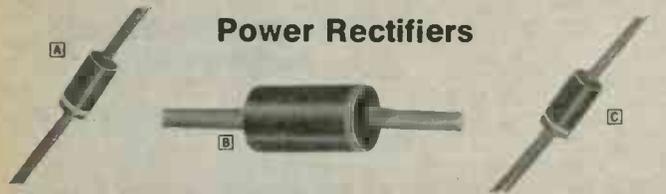
## Power Transistor Mounting Hardware

**39¢**



Cat. No.	For Case	Each
276-1370	TO-66	.39
276-1371	TO-3	.39

# Radio Shack® Parts Turn Your Ideas into Projects



## Power Rectifiers

### Micro-Miniature 1-A Diodes

□ 1N4000 Series. For general-purpose, low-power applications. Feature 30-A surge rating.  
50 Volts. 276-1101 ... Pkg. of 2 for 39¢  
200 Volts. 276-1102 ... Pkg. of 2 for 59¢  
400 Volts. 276-1103 ... Pkg. of 2 for 69¢  
600 Volts. 276-1104 ... Pkg. of 2 for 79¢

### 3-Amp, Barrel-Type Diodes

□ 1N5400 Series. Miniature rectifiers with a 300-amp surge rating (for 1/2 cycle).  
50 Volts. 276-1141 ... Pkg. of 2 for 69¢  
100 Volts. 276-1142 ... Pkg. of 2 for 89¢  
200 Volts. 276-1143 ... Pkg. of 2 for 99¢  
400 Volts. 276-1144 ... Pkg. of 2 for 1.19

## 2500-mA, 1000-Volt Diodes

□ PTC205 Type. Ideal for builder and experimenter. Only 1/4x1/16", yet obsoletes many bullet types much larger in size. Silicon epoxy rectifiers rated at 2.5 amps. Use in linear amplifier supplies or any circuit requiring high current and voltage.  
276-1114 ... Pkg. of 3 for 1.39



## Silicon Controlled Rectifiers

□ TO-92 Case

Low As **79¢**

□ TO-220 Case

□ 1 Ampere SCR. Ideal for experimenters breaking into SCR's for the first time. Use in low-voltage relay switching, latching and counting circuits, light dimmers and speed controls.  
100 volts. TO-92 case. ... 79¢  
276-1059 ... 79¢

□ 6 Ampere. Electrically isolated. High current voltage control with high gate sensitivity.  
50 Volts. 276-1089 ... 99¢  
100 Volts. 276-1090 ... 1.29  
200 Volts. 276-1067 ... 1.39  
400 Volts. 276-1020 ... 1.49

□ 4 Ampere, 30 Volt Sensitive Gate. For burglar alarm systems, temperature, light, motor speed controls, switching circuitry. Peak forward surge, 30 amperes. Gate trigger voltage, 0.2V to 0.8V. Anode voltage, 7V. TO-77 case similar to Figure A. ... 1.39  
276-1079 ... 1.39

□ 6 Ampere Triacs. Switching action for either polarity of applied voltage. Immune to transient voltage damage.  
50 Volts. 276-1003 ... 99¢  
100 Volts. 276-1002 ... 1.29  
200 Volts. 276-1001 ... 1.39  
400 Volts. 276-1000 ... 1.49



## Full-Wave Bridge Rectifiers

Low As

**79¢**

□ 4 Ampere. Highest quality. Heavy-duty leads for easy mounting.  
50 Volts. 276-1146 ... 1.39  
100 Volts. 276-1171 ... 1.49  
200 Volts. 276-1172 ... 1.69  
400 Volts. 276-1173 ... 1.89

□ 1.5 Ampere. Silicon type with TO-5 epoxy case. Only 1/4x1/4".  
50 PIV. 276-1151 ... 79¢  
100 PIV. 276-1152 ... 99¢



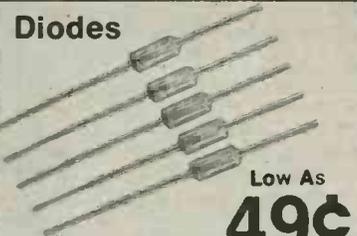
## 1-Watt Zener Diodes

**89¢**

Pack of 2

For voltage references, transistor bias switches and many related applications. With axial leads.

6.2 Volts. 1N4735. 276-561 ... Pkg. of 2 for 89¢  
9.1 Volts. 1N4739. 276-562 ... Pkg. of 2 for 89¢  
12 Volts. 1N4742. 276-563 ... Pkg. of 2 for 89¢  
15 Volts. 1N4744. 276-564 ... Pkg. of 2 for 89¢



## Diodes

Low As

**49¢**

1N914/4148 Switching Diode. Hermetically sealed case. Hot-solder-dipped axial leads. Polarity denoted by colored cathode band. 75 volts. 276-1122 ... Pkg. of 10/99¢

40-Volt Bilateral Trigger Diode. Use to control either SCR's or triacs. Polarity denoted by colored cathode band or dot. 276-1050 ... 49¢



## Small Signal Transistors

**299**  
Pack of 40

Assortment of standard small-signal transistors, including NPN/PNP. All marked, some with 2N numbers.  
276-906 ... Pkg. of 40/2.99

# Linear Integrated Circuits at Affordable Prices



## Linear Operational Amplifiers

TO-5

Low As

**69¢**

Dual-In-Line

Prime quality, guaranteed electronically and mechanically to meet all specifications. Standard National Semiconductor and Motorola devices, but at low Radio Shack prices. Popular types for builders and hobbyists. With diagrams, specifications, applications.

RS703 RF-IF Amplifier. Frequency to 150 MHz. High stability, limited gain. Single silicon chip in TO-5 case.  
276-1738 ... 69¢

RS709C Amplifier. For linear circuits, analog computers, relay drivers, 250-mW dissipation. 9-15 volts input. Combines functions of 15 transistors, 15 resistors. TO-5 case.  
276-017 ... 69¢

RS741C High-Performance OP Amp. Frequency compensated 709C. Ideal for use as a voltage follower. High gain and wide range of operating voltage provide superior performance in integrator, summing amplifier, and general feedback applications. 500 mW power dissipation. 15-volt input.  
TO-5 Case. 276-010 ... 69¢  
Mini-DIP Package. 8 leads. 276-007 ... 69¢

Dual 741. Two 741 operational amplifiers combined in a single mini-DIP package. Frequency compensated. Input offset voltage less than 1mV. 276-038 ... 99¢

RS4250 Programmable OP Amp. General purpose. Programmable input bias current, input offset current, quiescent power consumption, slew rate, input noise, gain-bandwidth product. Supply voltage, 18V. Standby power consumption as low as 500 mW. Short circuit protected. Mini-DIP.  
276-1732 ... 1.99

RS13741 FET741 OP Amp. Extremely high input impedance, low input current, input and output protection. TO-5 case.  
276-1733 ... 2.59

## Audio IC Components

Low As **149**



□ 2.5-Watt Audio Amp. Bandwidth, 100 kHz. Harmonic distortion, 0.2%. Input, ±0.5V at 150 kΩ. Operates on 8-22 VDC. Standard 14-pin DIP. 276-1725 ... 1.79

□ Stereo Preamp. Low-noise circuit with two matched 68 dB gain amps and zener regulated power supply. Channel separation, 90 dB. Input impedance, 250 kΩ. Signal output, 1.5 Vrms at 100Ω. Harmonic distortion, 0.5%. Equiv. input noise, 1.2 μV. 14-pin DIP. Requires 7.5-16 VDC. 276-1729 ... 1.49

RS386 Low-Voltage Audio Amp. Response, 20-20,000 Hz. Voltage gain, 20-200. Audio output up to 400 mW, 50 kΩ impedance. Requires minimum of external components for a complete amp. Operates on 4-12V. 8 pin mini-DIP.  
276-1731 ... 1.99

RS377 Low-Voltage 4-Watt Stereo Amp. Response, 50-20,000 Hz. Separation, 55 dB. Input, 100 mV at 3M. Output, 2 watts RMS/channel into 16 ohms at 2% THD. Requires 9-30 VDC. No tabs. 14 pins. With circuit data. 276-702 ... 2.99

## Phase-Locked Loops

**299**



Type LM-566. For modulation, tone and function generation. Maximum frequency, 1 MHz. Output, 50 ohms. Requires 10-24 VDC. 14-pin DIP. 276-1724 ... 2.99

Type LM-567. For ultrasonic decoding, remote controls, wireless intercoms. 0.01 Hz to 500 kHz, adjustable over 20-1 range with external resistor. Requires 4.75-9 VDC. Input, 20,000 ohms. 8-pin DIP. 276-1721 ... 2.99

## Temperature Controller

Can be Calibrated in °K, °C, or °F

**219**



RS3911. Rated for operation over a -25°C to +85°C temperature range. Linear output of 10 mV/°K. Output can drive loads up to 35V. 8-lead epoxy mini-DIP case. 276-1706 ... 2.19  
Assorted Thermistors. Ideal for digital thermometers.  
271-801 ... Pkg. of 10/1.39

## Quad IC Components



Low As **139**

4 Circuits with a Single Supply

RS324 Op Amp. For transducer amps, dc gain blocks, and transitional op amp circuits. Internally compensated. Single supply, 3-30 VDC. DC voltage gain, 100 dB. Output current, 18 mA. Similar to four 741's. Power drain suitable for battery operation. With data sheet. 276-1711 ... 1.99

RS3900 Dual-Input Norton Amp. For AC amps, RC active filters, tachometers, low-speed high-voltage digital logic gates. Internally compensated. Single supply, 4-36 VDC. Open-loop gain, 70 dB. Output, 18 mA. Output circuit protection. With data sheet. 276-1713 ... 1.39

RS339 Comparator. For limit comparators, simple analog to digital converters; pulse, squarewave and time delay generators, MOS clock timers, high-voltage digital logic gates. Compatible with all forms of logic. Single supply, 2-36 VDC. Input offset, 5 mVDC, max. Low power drain. With data sheet. 276-1712 ... 1.99

# The Latest in Integrated Circuits at Low Prices

## 2102 Static Ram

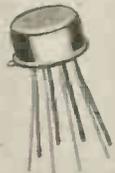
Under 750 nS  
Access Time

**4<sup>95</sup>**



RS2102. A 1024-word by one bit static random access read/write memory using N-channel enhancement mode silicon gate technology for superior performance. All inputs and outputs directly DTL/TTL compatible. Single +5V supply. The separate chip enable input (CE) controlling the "TRI-STATE" output allows easy memory expansion. 16-pin Epoxy B package. 276-2501 ..... 4.95

## Integrated Circuit Voltage Regulators



Low As

**99¢**



■ Type 723. Positive and negative regulation of 0-40 volts, 800 mW, 150 mA output. Adjustable current limiting. TO-5. 276-009 ..... 99¢ DIP. 276-1740 ..... 99¢

■ Type 7800. Fixed positive regulation. Internal current limiting, thermal shut-down. Input, to 35 volts. 1 amp output current. TO-220 cases.

5 Volts. 276-1770 ..... 1.59  
12 Volts. 276-1771 ..... 1.59  
15 Volts. 276-1772 ..... 1.59

## Low-Current LED Flasher/Oscillator

Bright,  
High-Current  
LED Pulse

**1<sup>29</sup>**



RS3909. Monolithic oscillator specifically designed for LED's or digital devices. Low current drain — averages under 0.5 mA during battery life. Low-voltage operation from 1 V to 5 V. Operating temperature range: -25°C to +70°C. 8-lead plastic mini-DIP case. 276-1705 ..... 1.29

## MOS-to-LED Drivers



**1<sup>49</sup>**

For Calculators, Clocks

Designed for serially addressed multi-digit displays, these time-multiplexed driver systems minimize number of drivers required. Operate on 5-18 VDC, 800 mW dissipation. 14-pin DIP's.

Quad Segment Driver. With 50 mA source or sink capability. 276-1701 ..... 1.49  
Hex Digit Driver. With 250 mA sink capability. 276-1702 ..... 1.49

## 555 IC Timers

Low As

**1<sup>49</sup>**

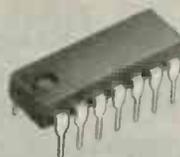


Completely resettable — time from 1  $\mu$ S to 1 hour. Operate from 5 to 15 volts on both astable and monostable modes. Output can source or sink 200 mA or drive TTL circuits. Temperature stability better than 0.005% per °C. Normally "on" and normally "off" output. 8-pin mini-DIP case.

Type 555. 276-1723 ..... 1.49  
Type 556 Dual Timer. Two Type 555 IC's on a single 14-pin DIP. 276-1728 ..... 2.79

## 74C Series CMOS IC's

Low As **69¢**



Top quality, fully functional and 100% inspected. Guaranteed electrically and mechanically to meet all specs. The exact same IC's sold by National Semiconductor — but at a fraction of the cost! All utilize MOS (CMOS) integrated circuits made with N and P-channel enhancement mode transistors. Voltage supply requirements range from 3.0 volts to 15 volts. All have a 1 volt guaranteed high noise margin and inputs are protected against static discharge.

RS74C00 Quad Two-Input NAND Gate. Low power TTL compatible. 276-2301 ..... 69¢

RS74C02 Quad Two-Input NOR Gate. Low power TTL compatible. Ideal for digital systems. 276-2302 ..... 69¢

RS74C04 Hex Inverter. 276-2303 ..... 69¢

RS74C08 Quad Two-Input AND Gate. Low power TTL compatibility. For digital systems. 276-2305 ..... 69¢

RS74C74 Dual D Flip-Flop. 276-2310 ..... 1.29

RS74C76 Dual J-K Flip-Flops. 276-2312 ..... 1.59

RS74C90 4-Bit Decade Counter. 276-2315 ..... 2.29

RS74C192 Synchronous 4-Bit Up/Down Decade Counter. 276-2321 ..... 2.49

RS74C193 Synchronous 4-Bit Up/Down Binary Counter. 276-2322 ..... 2.49

## 4000 Series CMOS IC's

Low As **69¢**



Top quality, fully functional, 100% inspected. Guaranteed electrically and mechanically to meet all specs. The exact same IC's sold by Motorola — but at a fraction of the cost. For medium speed operation. Static protected inputs.

RS4001 COS/MOS NOR Gates (Positive Logic). 276-2401 ..... 69¢

RS40011 COS/MOS NAND Gates (Positive Logic). 276-2411 ..... 69¢

RS40013 Dual D-Type Flip-Flop. With set-reset capability, static flip-flop operation. 276-2413 ..... 1.29

RS40017 COS/MOS Decade Counter/Divider. Includes 10 decoded decimal outputs. MSI complexity on a single chip. 276-2417 ..... 2.49

RS40020 COS/MOS 14-Stage Ripple-Carry Binary Counter/Divider. 276-2420 ..... 2.49

RS40027 COS/MOS Dual J-K Master-Slave Flip-Flop. With set/reset capability. 276-2427 ..... 1.29

RS40049 COS/MOS Hex Buffer/Converter. Inverting type. 276-2449 ..... 99¢

RS40050 COS/MOS Hex Buffer/Converter. Non-inverting type. 276-2450 ..... 99¢

RS4511 COS/MOS BCD-to-Seven-Segment Latch Decoder Driver. 276-2447 ..... 2.69

RS4518 COS/MOS Dual BCD Up Counter. Positive- or negative-edge triggering. 276-2490 ..... 2.49

## IC Chip Digital Clocks

Low As

**6<sup>99</sup>**



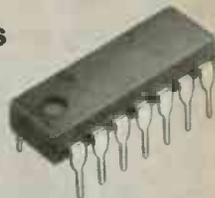
Each chip features an MOS/LSI circuit which can be used to construct a 4 or 6-digit clock — and by adding only display and standard interfacing components. Simple time setting. Only a single power supply of 9 to 18-volts required. 28-pin DIP's. With circuit plans, specifications and parts lists.

RS50252. Includes AM/PM indicator ability, 24-hour alarm setting and 10-minute snooze alarm. 12-hour (60 Hz) or 24-hour (50 Hz). 276-1751 ..... 6.99

RS7001. Combines features of both chips above, plus 28/30/31 day calendar logic, and 9-hour, 59-minute timer. 276-1756 ..... 10.95

## TTL Digital IC's

Low As **49¢**



Top quality, fully functional. 100% guaranteed electronically and mechanically to meet all specifications. The exact same integrated circuits sold by National Semiconductor, but at sensational low Radio Shack prices. Complete with diagrams and specifications. All inputs protected against static discharge.

RS7400 Quad 2-Input Positive NAND Gate. For high-speed diode-clamped inputs. 276-1801 ..... 49¢

RS7402 Quad 2-Input Pos. NOR Gate. Low-noise immunity. Propagation delay, 12 ns. 276-1811 ..... 49¢

RS7404 Hex Inverter. Use wherever low noise and low power dissipation are needed. 276-1802 ..... 59¢

RS7406 Hex Buffers. With open-collector high-voltage outputs. 276-1821 ..... 69¢

RS7408 Quad Two-Input AND Gates. Input voltage, from 0.8V to 2V. 276-1822 ..... 49¢

RS7410 Triple 3-Input Pos. NAND Gate. Diode-clamped inputs, low output imped. 276-1807 ..... 49¢

RS7413 Dual Schmitt Trigger. Ultra high speed. TTL compatible. 276-1815 ..... 1.19

RS7420 Dual 4-Input Pos. NAND Gate. Short propagation delay, low output imped. 276-1809 ..... 49¢

RS7427 Triple 3-Input NOR Gates. 276-1823 ..... 69¢

RS7432 Quad 2-Input OR Gates. 276-1824 ..... 69¢

RS7441 BDC to Decimal Decoder/Driver. For driving cold cathode indicator tubes. 276-1804 ..... 1.59

RS7447 BCD to 7-Segment Decoder/Driver. For common anode displays. 276-1805 ..... 1.99

RS7448 BCD to 7-Segment Decoder/Driver. For common cathode displays. 276-1816 ..... 1.99

RS7451 Dual 2-Wide 2-Input AND-OR-INVERT Gates. Input, 0.8V to 2V. 276-1825 ..... 49¢

RS7473 Dual J-K Master/Slave Flip-Flop. High speed-power efficiency. 276-1803 ..... 79¢

RS7474 Dual D Flip-Flop. Single-pin DATA input. For shift register or ripple counter. 276-1818 ..... 79¢

RS7475 Four-Bit Latch. For temporary storage of binary information. 276-1806 ..... 1.19

RS7476 Dual J-K Master/Slave Flip-Flop. Separate presets, clears and clocks. 276-1813 ..... 79¢

RS7485 4-Bit Magnitude Comparators. Typical delay (4-bit words) is 55 ns. 276-1826 ..... 1.59

RS7486 Quad EXCLUSIVE-OR Gates. Input voltage, from 0.8V to 2.0V. 276-1827 ..... 69¢

RS7490 Decade Counter. Binary coded decimal counter; divide by 2 or 5 counter. 276-1808 ..... 1.19

RS7492 Divide-by-12-Counter. High-speed at moderate power dissipation, high noise immunity. 276-1819 ..... 1.19

RS74123 Retriggerable Monostable Multivibrator. DC triggering from gated low- and high-level inputs. 276-1817 ..... 1.69

RS74145 BCD/Decimal Decoders/Drivers. Full decoding of BCD input logic. 276-1828 ..... 1.49

RS74150 Data Selectors/Multiplexers. Selects 1 to 16 data lines with 11 ns delay. 276-1829 ..... 1.79

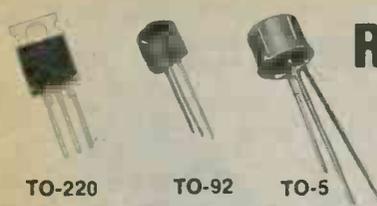
RS74154 4-Line to 16-Line Decoders/Demultiplexers. 276-1834 ..... 1.79

RS74192 Synchronous Up/Down Counters with Dual Clock. 276-1831 ..... 1.69

RS74193 Up-Down Binary Counter. Separate clock inputs determine up or down counting. 276-1820 ..... 1.69

RS74194 4-Bit Bidirectional Universal Shift Registers. 276-1832 ..... 1.69

RS74196 Presettable Decade and Binary Counters. 276-1833 ..... 1.69



TO-220 TO-92 TO-5

# Radio Shack® Has Replacements For Over 30,000 Transistors!

## Check Our Huge Assortment of Low-Cost **ARCHER®** Transistors



TO-3  
TO-46  
TO-1

- Specifications Guaranteed!
- Brand New, First Quality!
- Not Fall-Outs or Rejects!
- Individually Packaged!
- Data & Pin Connections Included with Each!

We've got the semiconductors you need. Our outstanding assortment of transistors replaces over 30,000 DIFFERENT TYPES! And best of all, our semiconductors are as close to you as your nearby Radio Shack store — "solid-state headquarters"!

### Semiconductor Reference Handbook



Only **149**

The MOST COMPREHENSIVE "Substitution" manual we've ever offered. Includes full specs and applications of Radio Shack/Archer IC's, diodes, SCR's, bridges and transistors. A quick reference to transistor specs, and a cross-reference/substitution listing of over 30,000. Plus a glossary of words, symbols and abbreviations. 176 pages. 276-4000 ..... 1.49

Number	Family	Specifications (Maximum)					Type	Case Style	Cat. No.	Each
		Diss. mW	V <sub>CB0</sub> V	V <sub>EB0</sub> V	I <sub>c</sub> mA	Typ Hfe				
<b>GERMANIUM</b>										
RS-2001	Gen. Purpose Amp and High Speed Switch	150	25	25	300	150	NPN	TO-5	276-2001	.99
RS-2002	Gen. Purpose Audio Amp	200	25	...	150	150	NPN	TO-1	276-2002	.99
RS-2003	RF/IF Amp and Oscillator	50	20	0.5	10	75	PNP	TO-1	276-2003	.99
RS-2004	Gen. Purpose Audio Amp	170	25	25	75	95	PNP	TO-1	276-2004	.99
RS-2005	Gen. Purpose Audio Amp	150	25	1.5	200	135	PNP	TO-1	276-2005	.99
RS-2006	Power Audio Amp	30W	30	30	7A	80	PNP	TO-3	276-2006	1.89
RS-2007	Gen. Purpose, High Frequency Amp	150	30	25	300	40	PNP	TO-5	276-2007	.99
<b>SILICON</b>										
RS-2008	Med. Power Amp	1W	300	7	30	40	NPN	TO-39	276-2008	.99
RS-2009	Gen. Purpose Amp and High Speed Switch	600	60	5	800	50	NPN	TO-92	276-2009	.79
RS-2010	Low-Level, Low-Noise High-Gain Amp	360	60	6	50	250	NPN	TO-92	276-2010	.89
RS-2011	RF/IF Amp and Oscillator	600	30	3	50	20	NPN	TO-92	276-2011	.99
RS-2012	High Voltage, Power Switch	800	300	7	150	35	NPN	TO-92	276-2012	1.19
RS-2013	Gen. Purpose, Low Frequency Amp	350	50	4.5	50	250	NPN	TO-92	276-2013	.89
RS-2014	Gen. Purpose Audio Amp	360	50	5	800	100	NPN	TO-92	276-2014	.79
RS-2015	High-Frequency RF/IF Amp	400	30	4	50	40	NPN	TO-92	276-2015	.79
RS-2016	Gen. Purpose Amp and Switch	360	60	6	200	100	NPN	TO-92	276-2016	.79
RS-2017	Power Audio Amp	2W	40	5	3A	35	NPN	TO-220	276-2017	1.19
RS-2018	Power Amp and High Speed Switch	2W	40	5	1A	15	NPN	TO-220	276-2018	1.19
RS-2019	Power Amp and High Speed Switch	3.5W	40	5	10A	20	NPN	TO-220	276-2019	1.49
RS-2020	Power Amp and High Speed Switch	3.5W	100	7	15A	20	NPN	TO-220	276-2020	1.59
RS-2021	Gen. Purpose Amp and Med. Power Switch	350	12	4	80	30	PNP	TO-92	276-2021	.79
RS-2022	Low-Level, Low-Noise High-Gain Amp	350	50	3	50	250	PNP	TO-92	276-2022	.79
RS-2023	Gen. Purpose Amp and High Speed Switch	600	60	5	100	50	PNP	TO-92	276-2023	.69
RS-2024	Gen. Purpose Amp and Med. Power Switch	360	40	5	200	60	PNP	TO-92	276-2024	.79
RS-2025	Power Audio Amp	2W	40	5	3A	35	PNP	TO-220	276-2025	1.19
RS-2026	Power Amp and High Speed Switch	2W	40	5	1A	15	PNP	TO-220	276-2026	1.19
RS-2027	Power Audio Amp	3.5W	40	5	10A	50	PNP	TO-220	276-2027	1.49
RS-2030	Gen. Purpose Power Amp, High Current	5W	60	5	700	50	NPN	TO-39	276-2030	.89
RS-2031	Gen. Purpose Audio Amp	200	30	6	50	120	NPN	TO-92	276-2031	.49
RS-2032	Low-Noise, High-Gain Med. Power Switch	350	12	4	80	30	PNP	TO-92	276-2032	.59
RS-2033	High Speed Switch, High Current	350	60	5	500	100	NPN	TO-92	276-2033	.69
RS-2034	Gen. Purpose Audio Amp	350	40	5	200	100	PNP	TO-92	276-2034	.79
RS-2038	200 MHz RF Power Amp	5W	55	3.5	400	100	NPN	TO-39	276-2038	1.99
RS-2039	High-Power Amp and Switch	100W	40	5	12	100	NPN	TO-3	276-2039	1.79
RS-2040	High-Power Amp and Switch	100W	40	5	12	100	PNP	TO-3	276-2040	1.79
RS-2041	High-Power Amp and Switch	115W	60	7	15	50	NPN	TO-3	276-2041	1.99
<b>FIELD EFFECT TRANSISTORS</b>										
		N Channel	P Chan.	Diss. mW	V <sub>dss</sub> V	V <sub>gss</sub> V	gfs </> m hos	Case Style	Cat. No.	Each
RS-2028	Small Signal VHF Mixer and Amp	X		330	50	50	1.5/4.5	TO-92	276-2028	.99
RS-2035	Small Signal General Purpose	X		360	25	25	2.0/6.5	TO-92	276-2035	.99
RS-2036	RF Amp to 200 MHz	X		300	30	30	3.5/6.5	TO-72	276-2036	1.29
RS-2037	Small Signal General Purpose		X	310	...	40	1.0/4.0	TO-92	276-2037	1.19
		Diss.	rBB	N	VEB	VOB	IP	Case	Cat. No.	Each
RS-2029	Unijunction Transistor	360mW	9.1k	.82	4.0V	3.0V	5.0μA	TO-92	276-2029	.99

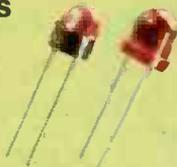
# Digital Displays, LEDs and Optoelectronics

## 99¢ Diffused Lens LED's

Pkg. of 2



GaAsP (Gallium Arsenide Phosphide Light Emitting Diode) light source with an almost infinite life span. Provide high brightness, low power drain. Wide angle view — perfect for panel lights, visual displays and circuit indicators.



Size	Color	Fwd. V at mA	mcd	Rev. V	Cat. No.	Package
Jumbo	Red	1.75 @ 20	0.8	3	276-041	99¢
Jumbo	Clr	1.75 @ 20	0.8	3	276-042	99¢
Mini	Red	1.6 @ 50	1.0	3	276-026	99¢
Mini	Clr	1.6 @ 50	1.0	3	276-040	99¢
Submini	Red	1.6 @ 20	0.8	3	276-042	99¢

## Assorted LED's in Sets



Low As **139**  
Pkg. of 6

Add it up — there's a huge savings in buying by the set. The colors included in each set are those you need the most, and a single set could be all you need for your latest project.

Diffused Lens LED's. Pkg. of 6/1.39  
276-090  
Point Source LED's. Pkg. of 6/1.39  
276-091  
Assorted LED's. Contains many sizes and types. Less than 6¢ each! Some do not work. 276-089 Pkg. of 50/2.99

**Builders' Bargains — Ideal for Panel Lighting, Circuit Indicators And Numeric Displays**

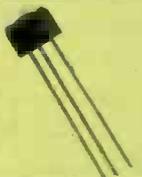
## 9 Digit LED Readout



**219**  
Pkg. of 2  
For Calculators, Watches, More

Combination of 7-segment Gallium Arsenide Phosphide digits. PC connections. Common cathode. Digits, 0.150". Fwd. V. 1.7 at 5 mA; Rev. V. 1. 1<sup>1/16</sup>x<sup>1/2</sup>x<sup>3/32</sup>". Some segments/digits do not work. Style may vary. 276-905 2.19

## Silicon Phototransistor



**79¢**  
High Illumination Sensitivity

Similar to Fairchild type FPT-100, NPN planar. Low leakage, low power requirements and exceptionally stable. TTL/DTL compatibility. Large range sensitivity, minimal response timing. 276-130 79¢

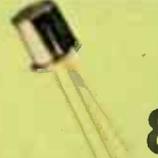
## Infrared Emitter and Detector



**119**  
Each

Emitter. Produces infrared light when forward biased. Radiant intensity (typ.), 4 mW per steradian. VR, 2 V. Dome lens. About 0.21x0.15". 276-141 1.19  
Detector. Phototransistor spectrally compatible with above. VCEO, 50 V. About 0.18x0.20". 276-140 1.19

## Light-Activated SCR



Low As **89¢**

Visible/Invisible Sensing

Rapid switching. Combines photoelectric sensor and silicon controlled rectifier. TO-18 case. Rated 1.6 A. 200 PIV. 276-1095 1.59  
25 PIV. 276-1096 89¢

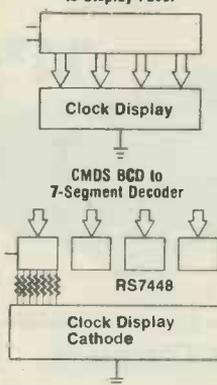
## Fluorescent Display Tube



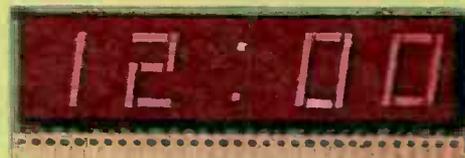
**129**  
• High-Contrast Display  
• Ideal for Digital Readouts

7-segment, 0.250x0.125" digits provide a highly visible blue-green image, 1<sup>7/16</sup>x<sup>9/16</sup>" overall. 100 fL at 24 VDC. Filaments, 1.4 VAC/DC, at 24 mA. 276-065 1.29

Clock Module Application.  
CMOS Requires No Resistors/Buffers, Etc. to Display Face.



## Digital Clock Display Board



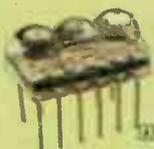
NEW FOR 77

**995**  
Anode or Cathode Drive

Build your own "time-teller". The 24 hour clock display has a colon located between digits 2 and 3. This is a direct drive display consisting of 4 digits, for hours and minutes, separated by a colon. It also has an AM/PM indicator in the upper left hand corner. Available in cathode or anode drive.

Drive	Dig. Size	Fwd. V at mA	Rev. V	Display Size	Cat. No.	Each
Anode	0.5"	1.7 @ 10	8	4.5"	276-1201	9.95
Cathode	0.5"	1.7 @ 10	8	4.5"	276-1202	9.95

## Multi-Digit LED Readout Displays



Low As **149**

For calculators, watches, thermometers, tachometers — any device requiring multiplexed displays. Each display is a combination of 7-segment digits of the Gallium Arsenide Phosphide type. Two (— 055, 059) have DIP connections, and two (— 301, 060) have PC board connectors. Common cathode.

Digits	Style	Dig. Size	Fwd. V at mA	Rev. V	Display Size	Cat. No.	Each
3	A	0.120"	1.7 @ 5	3	9/16x <sup>3/8</sup> x <sup>1/4</sup> "	276-055	1.49
5	C	0.110"	1.7 @ 5	5	3/4x <sup>1/4</sup> x <sup>1/8</sup> "	276-059	1.99
7	B	0.105"	1.7 @ 5	3	1 <sup>1/16</sup> x <sup>1/2</sup> x <sup>3/32</sup> "	276-301	2.49
9	B	0.150"	1.8 @ 5	1	1 <sup>1/16</sup> x <sup>1/2</sup> x <sup>3/32</sup> "	276-060	2.99

## 0.6" LED Single Digit Readout

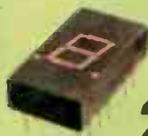


**399**

• High Output for Extra Brightness • Uniform Intensity  
• Highly Legible Even at Extended Distances

Bright red 7-segment display allows comfortable viewing for extended periods — easy to read at up to 25'. Left-hand decimal. High output, typically 5.0 mcd at 20 mA. Similar to Litronix 747, it mounts directly on circuit board. Common anode. Intensity coded for uniformity. 276-056 3.99  
As above, but common cathode. 276-066 3.99

## 0.3" LED Single Digit Readout



**299**  
Each

• Common Cathode or Anode • PC Board Mounting

For viewing distances up to 10'. Light-pipe construction with either common cathode or anode. Left and right decimals. Voltage per segment, 1.7 V at 20 mA. Light output, 0.25 mcd at 10 mA. IC compatible.  
Common Anode. 276-053 2.99  
Common Cathode. 276-062 2.99  
Save even more — buy by the set — get 4 for the price of 3.  
Common Anode. 276-1210 4 for 8.97  
Common Cathode. 276-1211 4 for 8.97

## Selenium Solar Cells



**149**

Produce electricity from light. Deliver 500 mV at 600  $\mu$ A under bright light. Use for light-powered radio, relay, oscillator. 1<sup>1/2</sup>x<sup>1/8</sup>". With leads, instructions. 276-115 1.49

## Cadmium Sulfide Photocells

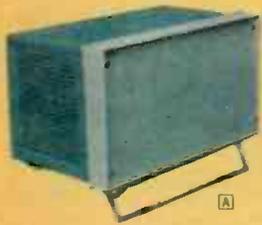


Low As **99¢**

Sensitive to yellow-green light. Resistance range, 5 megohms to 100 ohms. Maximum voltage, 170 volts; maximum power dissipation, 200 mW. 1/2x<sup>1/4</sup>". 276-116 99¢  
As above, but 20 ohms to 1 megohm. 1/2x<sup>1/8</sup>". 276-129 1.19

# Beautify Your Projects with Our Cabinets & Accessories

## Trim Multi-Purpose Cabinets



Compact,  
"Pro-Look"  
**10<sup>95</sup>**

NEW FOR 77

Slim-Design,  
Low-Profile

**14<sup>95</sup>**

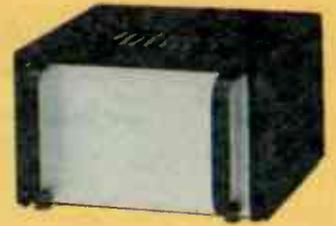


Give any project a finished look while protecting interior parts from dust, damage. Sturdy aluminum with molded bezel and folding leg that tilts cabinet at slight angle.

A Compact. 5<sup>1</sup>/<sub>8</sub>x9x4<sup>1</sup>/<sub>8</sub>". 270-281 ..... 10.95  
B Low-Profile. 5<sup>7</sup>/<sub>8</sub>x11<sup>1</sup>/<sub>8</sub>x3<sup>1</sup>/<sub>2</sub>". 270-282 ..... 14.95

## Deluxe Cabinet With Carrying Handles

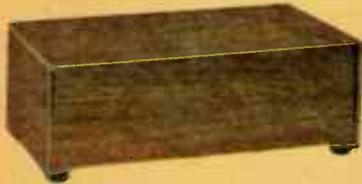
**9<sup>95</sup>**



Perfect for Use as Portable Lab Chassis

Sturdy 2-piece construction to protect your most valuable test equipment. Top is made of .036-inch "laminol", vinyl laminated steel; front and bottom of #20-gauge aluminum. Cover lifts off for access to interior, and it's louvered on 2 sides and the top for plenty of ventilation. 5<sup>1</sup>/<sub>4</sub>x9<sup>1</sup>/<sub>2</sub>x6<sup>3</sup>/<sub>4</sub>". Rubber feet prevent slips and protect furniture. 270-270 ..... 9.95

## "Wood-Look" Aluminum Project Cabinets



Low As  
**4<sup>95</sup>**

Projecting Cover  
Reduces Glare

Utility cabinets to improve your project's appearance while shielding it from damage and dust. Rubber feet increase ventilation and protect finished surfaces. Simulated walnut grain finish.

2<sup>1</sup>/<sub>2</sub>x6x4". 270-260 ..... 4.95  
3<sup>1</sup>/<sub>2</sub>x9x6". 270-261 ..... 6.95

Perfect for Digital Projects

## Sturdy Metal Cabinets



Low As  
**2<sup>29</sup>**

- 2-Piece Design - Cover Lifts Off for Easy Access
- Ventilation Louvers
- Rubber Feet

Top is .036" "laminol", front and bottom are #20-gauge aluminum.  
3<sup>1</sup>/<sub>4</sub>x2<sup>1</sup>/<sub>16</sub>x4". 270-251 ..... 2.29  
4x2<sup>1</sup>/<sub>16</sub>x6". 270-252 ..... 2.99  
5<sup>1</sup>/<sub>4</sub>x3x5<sup>7</sup>/<sub>8</sub>". 270-253 ..... 3.99  
6<sup>1</sup>/<sub>4</sub>x2<sup>1</sup>/<sub>16</sub>x7<sup>1</sup>/<sub>4</sub>". 270-254 ..... 4.99

## Plastic Face Plates



**99¢**  
Each

May Be Cut or Shaped to Fit

Transparent thermoplastic colored to give readouts a comfortable glow. 2x6x<sup>1</sup>/<sub>8</sub>" - covers even large panels.  
Brown Tint. 270-298 ..... 99¢  
Red Tint. 270-299 ..... 99¢

## Aluminum Boxes



Low As  
**1<sup>39</sup>**

Pre-punched assembly holes.

2<sup>1</sup>/<sub>4</sub>x2<sup>1</sup>/<sub>16</sub>x1<sup>5</sup>/<sub>8</sub>". 270-235 ..... 1.39  
4x2<sup>1</sup>/<sub>16</sub>x1<sup>5</sup>/<sub>8</sub>". 270-239 ..... 1.49  
4x2<sup>1</sup>/<sub>16</sub>x2<sup>1</sup>/<sub>4</sub>". 270-236 ..... 1.69  
5x2<sup>1</sup>/<sub>16</sub>x2<sup>1</sup>/<sub>4</sub>". 270-237 ..... 1.79  
5<sup>1</sup>/<sub>4</sub>x3x2<sup>1</sup>/<sub>8</sub>". 270-238 ..... 1.89

## Bakelite Boxes



Low As  
**1<sup>19</sup>**

Aluminum Cover

3<sup>1</sup>/<sub>4</sub>x2<sup>1</sup>/<sub>16</sub>x1<sup>1</sup>/<sub>8</sub>". 270-230 ..... 1.19  
4x2<sup>1</sup>/<sub>16</sub>x2<sup>1</sup>/<sub>4</sub>". 270-231 ..... 1.29  
5<sup>1</sup>/<sub>16</sub>x2<sup>1</sup>/<sub>16</sub>x1<sup>5</sup>/<sub>8</sub>". 270-233 ..... 1.49  
6<sup>1</sup>/<sub>4</sub>x3<sup>1</sup>/<sub>4</sub>x2". 270-627 ..... 1.79  
7<sup>1</sup>/<sub>4</sub>x4<sup>3</sup>/<sub>8</sub>x2<sup>1</sup>/<sub>8</sub>". 270-232 ..... 2.29

## Chassis Bases



Low As  
**1<sup>79</sup>**

#18-Gauge Aluminum Alloy

Each made from 1 piece of metal.  
4x6x2". 270-245 ..... 1.79  
5x7x2". 270-246 ..... 1.99  
5x7x3". 270-247 ..... 2.49  
5x9x2". 270-249 ..... 2.69  
7x11x2". 270-248 ..... 2.79

## Decorative, Useful Knobs for Any Application



A Communications Knobs. Knurled grip, chrome plate, aluminum inlay. With set-screw. 1<sup>1</sup>/<sub>2</sub>" dia. x <sup>1</sup>/<sub>8</sub>" deep. For <sup>1</sup>/<sub>4</sub>" shafts.

0-10 Calibrated. Pkg. of 3/1.79  
Single-Line. 274-391 ..... Pkg. of 3/1.79

Communications Knobs. Same as "A" but smaller in size. 1<sup>1</sup>/<sub>8</sub>" dia. x <sup>1</sup>/<sub>16</sub>" deep. Brass bushings for <sup>1</sup>/<sub>4</sub>" shafts.

Single-Line. 274-414 ..... Pkg. of 2/1.19  
0-10 Calibrated. Pkg. of 2/1.19  
274-413 ..... Pkg. of 2/1.19

B Hexagon Instrumentation Knobs. Rugged knobs fit <sup>1</sup>/<sub>4</sub>" shafts.  
1<sup>3</sup>/<sub>8</sub>" W x <sup>5</sup>/<sub>8</sub>" D. 274-407 ..... Pkg. of 2/99¢  
1" W x <sup>5</sup>/<sub>8</sub>" D. 274-404 ..... Pkg. of 4/1.29

C Metal Knobs. Matched, brushed aluminum knobs. For standard <sup>1</sup>/<sub>4</sub>" shafts. With set-screws.

1x<sup>5</sup>/<sub>8</sub>". 274-379 ..... Pkg. of 2/1.59

D Pointer Knobs. Black bakelite knobs with countless applications. 1<sup>1</sup>/<sub>2</sub>" L x <sup>3</sup>/<sub>16</sub>" D. With brass inserts. Set-screws. For standard <sup>1</sup>/<sub>4</sub>" shafts.

274-349 ..... Pkg. of 5/1.59

E Molded Instrumentation Knobs. All fit <sup>1</sup>/<sub>4</sub>" shafts. Brass inserts and set-screws included.

<sup>3</sup>/<sub>4</sub>x<sup>7</sup>/<sub>16</sub>". 274-415 ..... Pkg. of 4/1.39

1x<sup>9</sup>/<sub>16</sub>". 274-416 ..... Pkg. of 4/1.59

1<sup>1</sup>/<sub>4</sub>x<sup>9</sup>/<sub>16</sub>". 274-417 ..... Pkg. of 4/1.79

F 1" Matched Knobs. Rugged knobs for communications and test equipment. Black knurled knobs with aluminum inlay. Brass inserts fit <sup>1</sup>/<sub>4</sub>" shafts. 1" W x <sup>3</sup>/<sub>4</sub>" D. Include set-screws.

274-1552 ..... Pkg. of 4/1.59

G <sup>3</sup>/<sub>4</sub>" Knurled Knobs. Black with silver inlay centers, brass inserts, set-screws. For <sup>1</sup>/<sub>4</sub>" shafts. 1<sup>1</sup>/<sub>2</sub>" deep. Attractive touch for your equipment.

274-380 ..... Pkg. of 6/1.69

H Small Molded Knobs. Black knobs with ribbed sides, brass inserts. <sup>9</sup>/<sub>16</sub>x<sup>7</sup>/<sub>16</sub>" deep. For <sup>1</sup>/<sub>4</sub>" shafts. With set-screws.

274-421 ..... Pkg. of 5/1.39

## Lo-Voltage, Hi-RPM Hobby Motors



Low As  
**79¢**  
Pkg. of 2

A Sturdy 1<sup>5</sup>/<sub>8</sub>x1<sup>1</sup>/<sub>8</sub>" electric motor turns out 11,000 RPM at 3 VDC. Color-coded leads with lugs. Operates from 1.5 to 4.5 VDC. <sup>1</sup>/<sub>16</sub>" shaft.

273-216 ..... Pkg. of 2/79¢

B Rated 11,000 RPM at 3 VDC, this 1<sup>1</sup>/<sub>2</sub>x<sup>1</sup>/<sub>2</sub>" motor is the perfect size for small projects. Shaft, <sup>1</sup>/<sub>16</sub>". With leads, lugs. Requires from 1.5 to 4.5 VDC.

273-214 ..... Pkg. of 3/1.19

C Operates at 7500 RPM minimum at 3 VDC, 240 mA. Simple to connect with exposed lugs. 1<sup>1</sup>/<sub>2</sub>x<sup>1</sup>/<sub>4</sub>" shaft, <sup>1</sup>/<sub>16</sub>".

273-215 ..... Pkg. of 3/1.19

# Panel Lamps, Assemblies and Fuses, Fuse Holders



**A** Offset Miniature Lamp Assemblies. Sets of 4 include 2 red, 1 green and 1 amber jewel-type. Each requires  $\frac{1}{16}$ " mounting hole.

Bayonet Socket. 272-318 ..... 1.99  
Threaded Base. 272-319 ..... 1.79

**B** Domed Subminiature Lamp Assemblies. Set of 2 includes 1 red, 1 green. Require T-1 $\frac{3}{4}$  threaded bulbs. 1x $\frac{1}{2}$ ", mount in  $\frac{3}{8}$ " holes. 272-1535 ..... 1.39

**C** Domed Miniature Lamp Set. Includes assembly and two lenses: 1 red, 1 green. Takes bayonet-base bulbs. Mounts in  $\frac{3}{8}$ " hole. 272-320 ..... 1.59

**D** Sealed Panel Lamps. 1 red, 1 green. With connecting leads, mounting clips.  $\frac{7}{8}$ " long, mount in  $\frac{3}{8}$ " holes. For 12 VDC, 50 mA. 272-322 ..... 1.49

**E** Conical Lamp Assemblies. Includes 1 red, 1 blue. Take T-1 $\frac{3}{4}$  subminiature bulbs. 1 $\frac{3}{8}$ " long, mount in  $\frac{1}{2}$ " holes. 272-323 ..... 1.49

**F** Red Neon Lamp. Requires  $\frac{1}{16}$ " mounting hole. Size, 1 $\frac{3}{16}$ x $\frac{3}{32}$ ". Leads and mounting clip included. For 120 VAC. 272-1501 ..... 1.09

**G** Rectangular "Mini" Lamp Set. One assembly plus one each, red and green rectangular lenses. 1" long. Takes threaded lamps. Requires  $\frac{1}{16}$ " mounting hole. 272-327 ..... 1.49

**H** Plastic Domed Lamp Set. Includes assembly, 1 red and 1 yellow dome. Takes miniature threaded lamp. Requires  $\frac{1}{16}$ " mounting hole. Length, 1 $\frac{3}{4}$ ". Hardware includes no-mar plastic nut. 272-329 ..... 1.29

**I** Neon Pilot Lamp Assemblies. Set of 2—1 red, 1 yellow. With internal dropping resistors. Fully enclosed.  $\frac{3}{8}$ x1 $\frac{1}{8}$ ". Require  $\frac{1}{16}$ " mounting holes. Operate on 120 VAC. 272-703 ..... 1.79

**J** Rectangular Lamp Set. 3 assemblies—1 red, 1 yellow, 1 amber. Built-in lamps. With dropping resistors, mounting clips. Mount in  $\frac{3}{8}$ " holes. For 120 VAC. 272-338 ..... 1.69

**K** Neon Panel Lamp Assemblies. Set of 2—1 red, 1 yellow. Built-in resistors. Fully enclosed. Require  $\frac{1}{16}$ " mtg. holes. For 120 VAC.

Square Lens. 272-704 ..... 1.49  
Circular Lens. 272-705 ..... 1.49

**L** "Mini" Panel Lamp Assemblies. Each set includes an assembly, 1 red and 1 green lens. Accepts miniature base lamps. Length, 1 $\frac{3}{16}$ ". Require  $\frac{3}{8}$ " mounting holes.

For Screw-Base Lamps. 272-324 ..... 1.49  
For Bayonet-Base Lamps. 272-325 ..... 1.59  
Like 272-324, but  $\frac{3}{8}$ x1 $\frac{1}{16}$ ". 272-326 ..... 1.59

## Incandescent Lamps



Big variety of lamps to fill most replacement and project needs. Includes bayonet, flange, threaded base and connecting-lead types.

Volts	mA	Type	Base Style	Cat. No.	Pkg. of	Price
1.5	25	.....	Leads	272-1139	1	69¢
2.0	60	49	Bayonet	272-1111	2	55¢
2.0	60	48	Threaded	272-1131	2	65¢
2.25	250	222*	Flange	272-1124	2	65¢
2.33	270	PR-4	Flange	272-1122	2	65¢
2.38	500	PR-2	Flange	272-1120	2	65¢
2.47	300	14	Threaded	272-1132	2	55¢
2.5	500	41	Threaded	272-1129	2	65¢
3.2	350	45	Bayonet	272-1109	2	49¢
3.57	500	PR-3	Flange	272-1121	2	65¢
5.95	500	PR-12	Flange	272-1123	2	65¢
6.0	25	.....	Leads	272-1140	1	69¢
6.0	100	T-1 $\frac{3}{4}$	Threaded	272-1142	2	69¢
6.3	150	44	Bayonet	272-1108	2	49¢
6.3	150	47	Bayonet	272-1110	2	49¢
6.3	150	1847	Bayonet	272-1115	2	59¢
6.3	150	40	Threaded	272-1128	2	55¢
6.3	250	46	Threaded	272-1130	2	55¢
7.0	410	55	Bayonet	272-1114	2	59¢
7.5	220	51	Bayonet	272-1113	2	55¢
7.5	220	50	Threaded	272-1133	2	55¢
12.0	15CP	93†	Bayonet	272-1116	1	59¢
12.0	25	.....	Leads	272-1141	1	69¢
12.0	75	T-1 $\frac{3}{4}$	Threaded	272-1143	2	69¢
14.0	230	1891	Bayonet	272-1112	2	55¢
14.0	200	1815	Bayonet	272-1118	2	65¢
14.0	200	1487	Threaded	272-1134	2	65¢
14.4	120	53	Bayonet	272-1117	2	55¢
28.0	40	1819	Bayonet	272-1119	2	65¢
28.0	170	1821	Threaded	272-1135	2	65¢

\*Pre-Focus Penlight Type. †"HI-Intensity".

## Neon Glow Panel Lamps

Cat. No.	Type	Watts	Series Res.	Pkg. of	Price
272-1101	NE-2	$\frac{1}{25}$	200k	2	45¢
272-1102	NE-2H*	$\frac{1}{4}$	22k	2	49¢

\*High Brightness.

## Fuse Selection

### Fast-Acting Glass Fuses

$\frac{1}{4}$ Amp. 270-1270	Pkg. of 3/69¢
$\frac{1}{2}$ Amp. 270-1271	Pkg. of 3/69¢
$\frac{3}{4}$ Amp. 270-1272	Pkg. of 3/69¢
1 Amp. 270-1273	Pkg. of 3/49¢
1.5 Amp. 270-1274	Pkg. of 3/49¢
2 Amp. 270-1275	Pkg. of 3/49¢
2.5 Amp. 270-1260	Pkg. of 3/49¢
3 Amp. 270-1276	Pkg. of 3/49¢
4 Amp. 270-1277	Pkg. of 3/49¢
5 Amp. 270-1278	Pkg. of 3/49¢
10 Amp. 270-1279	Pkg. of 3/49¢
15 Amp. 270-1280	Pkg. of 3/49¢

Auto Fuse Kit. A "must" for car owners. A handy selection of the 10 most common types, kit includes two SFE-9, three 14, three 20, one AGC-3, one AGC-10. 270-1262 ..... 1.29

### SFE-Type Auto Fuses

9 Amp. 270-1266	Pkg. of 3/39¢
14 Amp. 270-1267	Pkg. of 3/39¢
20 Amp. 270-1268	Pkg. of 3/39¢

### Slow-Blow Fuses

$\frac{1}{4}$ Amp. 270-1288	Pkg. of 2/99¢
$\frac{1}{2}$ Amp. 270-1282	Pkg. of 2/99¢
1 Amp. 270-1283	Pkg. of 2/99¢
1.5 Amp. 270-1284	Pkg. of 2/99¢
2 Amp. 270-1285	Pkg. of 2/99¢
3 Amp. 270-1286	Pkg. of 2/99¢
4 Amp. 270-1289	Pkg. of 2/99¢
5 Amp. 270-1287	Pkg. of 2/99¢

## Compact Buzzers, Bell



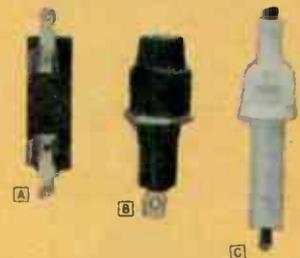
**A** DC Buzzers. Signals with low current drain—perfect for automotive and project applications.

1 $\frac{1}{2}$ -3 Volt. 273-004 ..... 99¢  
6 Volt. 273-049 ..... 1.89  
12 Volt. 273-051 ..... 1.89

**B** 120 VAC Bell. Loud enough to overcome background noises. Metal base. 4" diameter by 2" high. 273-020 ..... 5.95

**C** 120 VAC Buzzer. Rugged, high-impact plastic, and ideal for wall mounting. Screw terminal hook-up. 273-048 ..... 3.95

## Fuse Holder Assortment



**A** Clip-In-Fuse Holder. Set of two to hold 1 $\frac{1}{4}$ x $\frac{1}{4}$ " fuses. Bakelite construction, lug terminal connections. 270-739 ..... 2 for 79¢

**B** Panel-Mount Fuse Holder. For 1 $\frac{1}{4}$ x $\frac{1}{4}$ " fuses. 1 $\frac{1}{8}$ " long, requires  $\frac{1}{2}$ " mounting hole. Solder lug terminals. 270-364 ..... 69¢

**C** In-Line Fuse Holder. Accepts 1 $\frac{1}{4}$ x $\frac{1}{4}$ " fuses. Coil spring assures positive contact pressure. Tinned end leads. 270-1281 ..... 79¢

# Measurably Better – Micronta® Multitesters

## Complete Your Bench at Low Cost

### A 1000 Ohms/V Pocket Tester – 8 Ranges

Features 2" meter, 2-color scale mirrored to prevent parallax, zero-adjust, pin jacks for all ranges. AC and DC Volts: 0-15-150-1000. DC Current: 0-150 mA. Resistance: Rx1000 (100,000 ohms full scale). Accuracy is  $\pm 3\%$  on DC ranges and  $\pm 4\%$  on AC. 1% precision resistors. Bakelite case is only  $3\frac{1}{2} \times 2\frac{5}{16} \times 1\frac{1}{4}$ ". With leads, battery, instructions. 22-027 ..... 8.95

### B 20,000 Ohms/Volt — 18 Ranges

Single-knob range selector with "off" position, 3" meter, color-coded scales, 4 pin jack connections including output jack, zero adjust. DC Volts: 0-5-25-125-500-1000 at 20,000 ohms/volt. AC Volts: 0-10-50-250-1000 at 10,000 ohms/volt; DC Current: 0-50  $\mu$ A, 0-250 mA. Resistance: Rx1, Rx10, Rx1000 (24 center scale); Decibels: -20 to +62 in 4 ranges. Accuracy:  $\pm 3\%$  on DC ranges,  $\pm 4\%$  on AC.  $5\frac{1}{8} \times 3\frac{1}{2} \times 1\frac{1}{16}$ ". With leads, battery, instructions. 22-201 ..... 15.95

### C 20,000 Ohms/Volt — 25 Ranges

Features single-knob range selector, 4" meter, mirrored and color-coded scales, 6-pin jack connections including output jack. DC Volts: 0-0.6-3-15-60-300-600-1200 at 20,000 ohms/volt. AC Volts: 0-15-60-150-600-1200 at 10,000 ohms/volt. DC Current: 0-60  $\mu$ A, 3-30-300 mA. Resistance: Rx1, Rx10, Rx100, Rx1000 (24 center scale). Decibels: -20 to +63 in 5 ranges. Accuracy:  $\pm 3\%$  DC and  $\pm 4\%$  AC.  $5\frac{1}{8} \times 3\frac{7}{8} \times 1\frac{1}{2}$ ". With leads, battery, instructions. 22-202 ..... 21.95

### D 30,000 Ohms/Volt — 27 Ranges

Super sensitive! Has color-coded 4" meter, 4 banana jacks including output jack, polarity-reverse switch, thumbwheel zero adjust. DC Volts: 0-0.3-1-3-10-30-100-300-1000 at 30,000 ohms/volt. AC Volts: 0-10-30-100-300-1000 at 10,000 ohms/volt. DC Current: 0-100  $\mu$ A, 3-30-300 mA, 10 amps. Resistance: Rx1, Rx10, Rx100, Rx1000, Rx10,000 (10 center scale). Decibels: -10 to +62 in 5 ranges. Accuracy:  $\pm 3\%$  AC and  $\pm 4\%$  DC.  $6\frac{1}{4} \times 4\frac{1}{2} \times 1\frac{3}{4}$ ". With leads, battery, instructions. 22-203 ..... 29.95

### E 50,000 Ohms/Volt — 43 Ranges

Volts/amps "Range Doubler",  $\frac{1}{4}$ " mirrored scale, single-knob function switch with "Off," overload-protected. DC Volts: 0-250 mV, 2.5-10-50-250-1000 at 50,000 ohms/volt; 0-125 mV, 1.25-5-25-125-500 at 25,000 ohms/volt. AC Volts: 0-10-50-250-1000 at 10,000 ohms/volt; 0-5-25-125-500 at 5000 ohms/volt. DC Current: 0-50  $\mu$ A, 5-50-500 mA, 10A at 50,000 ohms/volt; 0-25  $\mu$ A, 2.5-25-250 mA, 5A at 25,000 ohms/volt. Resistance: Rx1, Rx10, Rx100, Rx1000, Rx10,000 (10 center scale). Decibels: -20 to +62 in 8 ranges. Accuracy:  $\pm 3\%$  DC and  $\pm 4\%$  AC.  $6\frac{1}{16} \times 4\frac{7}{8} \times 2$ ". With leads, batteries, instructions. 22-204 ..... 34.95

### F 100,000 Ohms/Volt — 28 Ranges

Big 5" meter, mirrored scale, polarity reverse switch, overload protection. DC Volts: 0-0.5-2.5-10-50-250-1000 at 100,000 ohms/volt. AC Volts: 0-5-10-50-250-1000 at 10,000 ohms/volt. DC current: 0-10  $\mu$ A, 50  $\mu$ A, 500  $\mu$ A; 5-50-500 mA, 10A. Resistance: Rx1, Rx10, Rx1000, Rx10,000, Rx100,000 (2 center scale). Decibels: -20 to +62 in 5 ranges. Accuracy:  $\pm 3\%$  DC and  $\pm 4\%$  AC.  $7 \times 5\frac{1}{2} \times 3\frac{3}{8}$ ". With leads, batteries, instructions. 22-207 ..... 49.95



A 8.95



D 29.95



B 15.95



E 34.95



C 21.95



F 49.95

# Top-Quality Micronta Power Supplies & Testers



## Precision Dual FET VOM With 27 Ranges

- Drift-Free Dual FET
- 1% Precision Resistors
- 5" Mirrored Scale Prevents Parallax Error
- Double Overload Protection Against Burnout
- Battery Check Switch

**59<sup>95</sup>**

The accuracy and high input impedance of a VTVM in a portable FET VOM. Ultrasensitive 25  $\mu$ A meter features polarity reverse switch, zero adjust, single-knob range selector. DC Volts: 0-3-1-3-10-30-100-300-1000 at 10 megohms. AC Volts: 0-3-30-100-300-1000 at 10,000 ohms/volt. DC Current: 0-100  $\mu$ A, 3-30-300 mA. Resistance, Rx1, Rx10, Rx1000, Rx10k, Rx1M (10 center scale). Decibels: -20 to +62 in 5 ranges. Accuracy:  $\pm$ 3% DC and  $\pm$ 4% AC. Size: 7x5 $\frac{1}{2}$ x3 $\frac{3}{8}$ ". With leads, batteries, instructions. 22-206 ..... 59.95

## Dynamic Transistor Checker Works In or Out of Circuit

Tests PNP & NPN Types - Low, Medium, High Power

**14<sup>95</sup>**

Shows current gain and electrode open and short circuits. Permits matching of similar transistors in working circuits. Go/No-Go test from 5-50 mA on power types. "Quick-Check" sockets, plus clip leads for in-circuit checks. 6 $\frac{1}{4}$ x3x2 $\frac{1}{2}$ ". With "C" cell. 22-024 ..... 14.95



## Transistorized Signal Tracer Spots Circuit Troubles Fast

**12<sup>95</sup>**

Checks RF, IF, Audio Signals from Antenna to Speaker

A "must" for all servicing work, ideal for audio equipment — changers, amps, tuners, receivers — tests stage-by-stage for quick repairs. Built-in 2" speaker, volume control. Size 2x5 $\frac{5}{8}$ x1 $\frac{1}{2}$ ". With 9V cell, color-coded leads with convenient alligator clips, instructions. 22-010 ..... 12.95



## Signal Injector for RF, IF & AF Circuits



**6<sup>95</sup>**

Troubleshoots tube and transistor circuits. Pushbutton operation, battery-strength indicator lamps. Size, less probe, 5x1 $\frac{1}{8}$ " dia. With 2 "AA" cells. 22-4032 ..... 6.95

## AC/DC Circuit Testers

Low As

**99¢**



Glow Indicates Live Circuit, No Glow Indicates Dead Circuit

90-500 Volt Tester. Locates grounded lines, shorts, opens — in house wiring, electrical, and electronic gear. 272-201 ..... 99¢

5-50 Volt Tester. Checks car wiring, door chimes, filaments, batteries. 272-202 ..... 1.59



## Precision Panel Meters

Low As **6<sup>95</sup>**

- Jeweled D'Arsonval Movements
- Wide-Angle Viewing

Larger, easier to read: 2 $\frac{3}{4}$ x2 $\frac{1}{4}$ x1 $\frac{1}{4}$ ". Require 1 $\frac{1}{2}$ " mtg. holes. 0-50  $\mu$ A DC. 22-051 ..... 7.95 0-1 mA DC. 22-052 ..... 6.95 VU Meter. -20 to  $\pm$ 3 (20-20k Hz,  $\pm$ 1 dB). 22-053 ..... 7.95 0-15 VDC. 22-054 ..... 6.95

## Power Your 12VDC Car CB or Stereo from Standard House Current



- Use Mobile CB Units at Home
- 13.8 Volts DC Regulated Output

**25<sup>95</sup>**

Operates most 12-14 volt DC equipment — car stereo, CB's — from standard 120 volt, 50-60 Hz house current. Used with CB units, constant voltage gives more power when transmitting and less noise when receiving. 2.5 amps of continuous current (5 amps surge rating) give you power to spare. Circuit breaker protected. 2 $\frac{1}{2}$ x4 $\frac{1}{2}$ x6 $\frac{3}{4}$ ". Rubber feet prevent scratches on furniture surfaces. U.L. listed. 22-124 ..... 25.95

- Operates Most Mobile Equipment At Home
- Output 12 VDC At 1.75 Amps Continuous

**19<sup>95</sup>**



Great for use with car radio, 8 track, cassette player in home or office. Use it as a battery eliminator for powering or servicing mobile equipment at home, or as a 12-volt auto battery charger. Output surge rating, 5 amps. Input: 120 VAC, 50-60 Hz. Fuse protected against overload. A compact 2 $\frac{1}{2}$ x4 $\frac{1}{2}$ x6 $\frac{3}{4}$ ", the base is fitted with rubber feet to protect furniture. U.L. listed. 22-127 ..... 19.95

# Smoke Alarms Warn You Before It's Too Late



**SMOKE CAN KILL YOU!** Statistics show that just a few breaths in your sleep is all it may take. And the figures also show that *the average American family will have one serious fire every generation!* The sad truth is that fire extinguishers and escape plans can't save you and your family if smoke overcomes you during the night. But now there is low-cost protection against this silent danger: Archer Electronic Smoke

Alarms. These special sensors can save your life and property by detecting any kind of smoke — even odorless fumes — and warning you with a loud signal. Thanks to solid-state electronic technology these alarms are reliable, compact, and easy to mount anywhere for maximum protection. Available in battery or AC powered versions — both types U.L. listed. Add "early warning" protection to your home now!

NEW FOR 77

## Smoke Signal Ionization-Type Alarm

**34<sup>88</sup>**

- Battery Powered — Independent of House Wiring
- Easy Keyhole Mounting on Ceiling or Wall

Alerts you to danger from escaping visible and invisible products of combustion. Couldn't be easier to install — the system is completely self-contained in a cream-white housing, 7<sup>1</sup>/<sub>16</sub>" square x 1<sup>5</sup>/<sub>8</sub>". The Smoke Alarm is activated by a small amount of material which emits a steady stream of ions to an electrode. When minute combustion particles are present, the current fluctuates, causing the alarm to sound. The continuous horn-type sound is loud enough to be heard through closed doors. It's powered by a mercury battery (below) with an expected life of at least one year. A supervisory circuit monitors the voltage of the battery; when voltage drops below nominal level, the alarm gives off brief warnings at one-minute intervals. With instructions and fire security information manual. U.L. listed. 275-451 ..... **34.88**  
 Battery for above. 23-670 ..... **6.89**

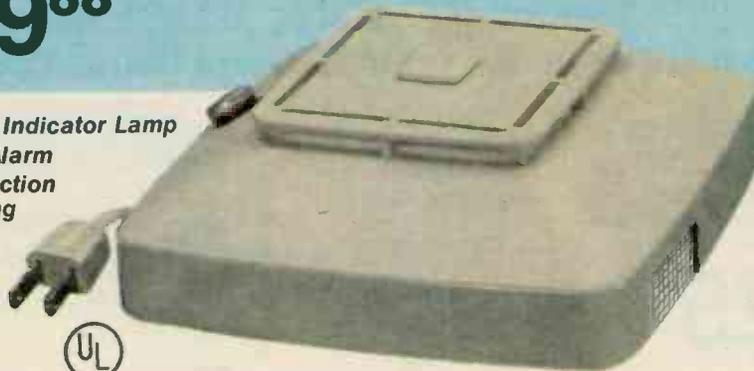


## Photoelectric Smoke Alarm

**39<sup>88</sup>**

- "Power On" Indicator Lamp
- Extra-Loud Alarm
- Fastest Detection of Smoldering Fires

NEW FOR 77



No batteries to replace — plugs into AC socket. Piercing horn-type alarm sounds before smoke reaches a dangerous concentration. Alarm can be heard throughout house — even outside! Operates on light deflection principle. Low-cost so you can afford multiple protection in bedrooms, kitchen, attic, basement, garage, any area in the home. Hardware included for mounting on wall or ceiling. Unobtrusive, attractive white housing, 6<sup>1</sup>/<sub>2</sub>" square x 2<sup>1</sup>/<sub>4</sub>". For 120 VAC. U.L. listed. 275-452 ..... **39.88**

Either Model Mounts On Wall or Ceiling



## Remote Fire Sensor



**Warns of Fire Danger BEFORE Damage Actually Occurs!**

**3<sup>29</sup>**

Each unit "watches" a 20x20' room, activates alarm when temperature reaches 135° — well below kindling point for building materials, yet high enough to reduce false alarm annoyance. Normally open contacts — use with Radio Shack's Master Alarm Control Center. Cream-color case is screw-mounted to ceiling (hardware included). 1x1<sup>9</sup>/<sub>16</sub>" dia. U.L. listed No. 746-H. Meets California standards. 275-506 ..... **3.29**

# Security Systems to Protect Your Family & Home

## Master Alarm Control Center

Custom Design Your Own Security System

**29<sup>95</sup>**

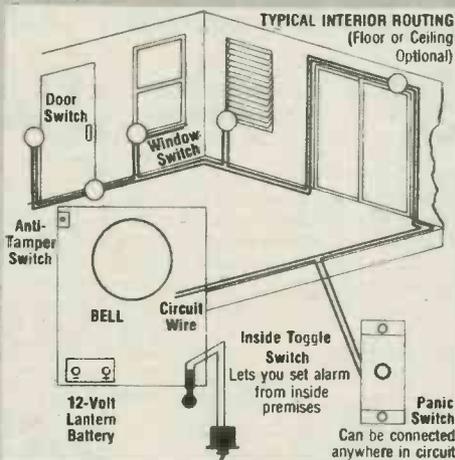


Protect every door and window in your home! Accepts any number or type of remote sensors and has a relay that will trigger most externally powered 12 VDC bells or sirens. Features immediate or delayed alarm with auto-reset after 2 to 2½ minutes of operation, "test" buttons to check system, and locking key control for added security. With instructions for hookup. Requires battery below. 275-485 ..... 29.95  
D-6 9-Volt Battery for above. 23-569 ..... 2.99

## Complete Home Alarm System

"Whole-House" Protection

**69<sup>95</sup>**



- Master Control Box with Anti-Tamper Switch
- Loud 8" Underdome Alarm Bell
- All Parts, Instructions Included

Everything you need for adding electronic protection to an average home or smaller office: six SPST magnetic contact switches for doors and windows, a "panic button" for manual on-off control of alarm from any room, 8" bell that can be heard even in high-noise areas, 125' of wire and a 12¼x9¼x5¼" master control box of heavy-gauge steel with anti-tamper switch to prevent unauthorized opening of its door. Includes power on-off switch and key lock. With 2 keys, 2 warning decals, mounting hardware, instructions. 275-484 ..... 69.95  
Heavy-Duty 12-Volt Battery for above. 23-007 ..... 5.69

## Closed Circuit Alarm Control

**21<sup>95</sup>**

- The "Heart" of Any Alarm System
- For All Open and Closed-Type Fire and Theft Sensors

NEW FOR 77



Design your security system around this low-cost master control. Connect with any number of Archer sensor devices—window foil, magnet-engaged contact switches, fire sensors, panic switch—choose the perfect system for your home or business. The alarm control instantly triggers any 12 VDC alarm. Use with any 12 VDC source. 275-483 ..... 21.95

## Low-Cost Chain Lock with Built-In Alarm System

- Guards While You're at Home or Away
- Screwdriver Installation

**5<sup>95</sup>**

Exclusive "Catch-In" prevents chain from being slipped off slide-track without key. Alarm sounds if chain is tampered with while lock is "on". Easy re-entry by slightly opening door and inserting key in casing to free the latch. With hardware, 2 keys. Requires 2 "AA" cells. 275-470 ..... 5.95



## Powerhorn® Sr.

**2<sup>59</sup>**

- No Wires or Plugs
- Chain and Alarm for Dual Protection



Screwdriver installation. Alarm mounts on door, chain bracket attaches to door facing. Loud blast sounds if chain is forced or tampered with. Requires 2 "AA" cells. 275-499 ..... 2.59

## Powerhorn Jr.

For Temporary or Permanent Attachment

Protects your doors and windows at low cost. With screws and adhesive backing for temporary or permanent set-up. Loud built-in alarm. Requires just 2 "AA" cells. 275-494 ..... 2.19

**2<sup>19</sup>**



# Low-Cost Protection for Your Car, Van, RV, Boat



NEW FOR 77



Guards  
CB or  
Tape Player



Guards  
Trunk,  
Hood



Guards  
All  
Doors

## Auto Alarm System With Special CB Sensor

**39<sup>95</sup>**

Double  
Protection  
For Mobile  
CB Sets

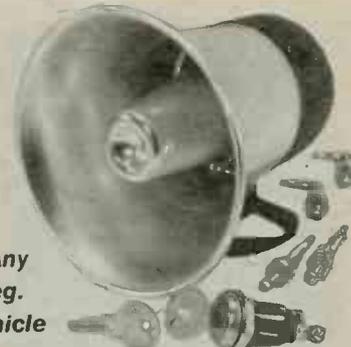
Give your CB twice the protection you'd get from ordinary auto alarm systems. Switches protect all doors, trunk, hood, and a special sensor attaches to your CB or tape player to protect it, too. Under-hood mounted, spun-aluminum alarm emits an ear-shattering "whoop-whoop" sound when a would-be thief attempts entry. The CB sensor works independently of the other switches—that's double protection, which means there's less chance your CB will be stolen! Just set one lock to guard vehicle while you're away. With lock and 2 keys, wire, all hardware, instructions. 275-482 ..... 39.95  
Extra Push/Release Type Car Alarm Switches. 275-509 ..... 2 for 2.49

## Complete Auto Alarm System

**34<sup>95</sup>**

Protects Any  
12-Volt Neg.  
Ground Vehicle

A vehicle alarm system that you can use on campers and trailers, too. Delivers a startling "whooping" sound to scare away even the boldest burglar. Spun-aluminum alarm mounts easily under hood. Six switches for doors, trunk and hood. Just set one lock to guard vehicle until you return. With lock and 2 keys, wire, all hardware, complete installation instructions. 275-486 ..... 34.95  
Extra Push/Release Door Alarm Switches. 275-509 ..... 2 for 2.49



## Universal CB Lock

Fits Virtually Any  
CB Mounting Bracket



NEW FOR 77

**9<sup>95</sup>**

Protect your CB, under dash tape deck or radio from theft. Two keys furnished with lock — only you can unlock it. Installs in minutes without special tools. 275-441 ..... 9.95



## Auto Siren Alarm Kit

**24<sup>95</sup>**

24-Hour  
Security

The Sale and Use of Sirens is Prohibited in California and Some Other States  
Electronic guardian watches your vehicle around the clock. Sounds off when anyone tries to open hood, trunk, doors. Has 6 switches, 2 keys, lock, wire, all hardware. Easy to install. For all 12-V negative ground vehicles. 275-492 ..... 24.95  
Extra Push/Release Door Alarm Switches. 275-509 ..... 2 for 2.49

## CB Theft Alarm

Sounds Horn  
When CB Is  
Disturbed!



NEW FOR 77

**4<sup>99</sup>**

Protect your CB transceiver, tape player, radio — ANY electrical accessory! For 12 VDC negative ground system. With all hardware. 275-501 ..... 4.99

## Accessories Increase Your Alarm System's Versatility



### Window Foil

**3<sup>29</sup>** 150'x3/8" Roll

Self-sticking metallic tape breaks when glass is broken and activates alarm. 275-502 ..... 3.29



NEW FOR 77  
Low As

### SPST Switch

**1<sup>99</sup>** For Windows  
and Doors

Contacts open when magnet engages. Rated 0.5A at 120 VAC. 275-512 ..... 2.99  
Contacts close when magnet engages. 275-495 ..... 1.99



NEW FOR 77

### Contact Switch

**1<sup>49</sup>** For Sliding  
Wood-Frame  
Windows

SPST contacts close when magnet engages. Contacts rated 0.5 A at 125 VAC. Screw terminals. 275-513 ..... 1.49



### Foil Block Connectors

**1<sup>99</sup>** Set  
of 6 Self-Adhesive  
Backs

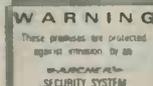
Blocks attach foil to wire in security systems without soldering. Single screw connection. 275-504 ..... 1.99



### Door Connector Cord

**1<sup>99</sup>** Protect Your  
Doorway, Too

Joins glass door jamb to metallic sensing strips. Lets door be used normally without breaking alarm wire. 275-508 ..... 1.99



WARNING  
These premises are protected  
against intrusion by an  
ARCHER  
SECURITY SYSTEM

### Warning Decals

**99¢** Pack  
of 6

Aluminized, adhesive decal for doors, windows. Reads: "These premises are protected against intrusion by an Archer Security System." 275-507 ..... 99¢



### Security Door Scope

**1<sup>59</sup>** Wide-Angle  
View

You can look out, but no one can look in. Weatherproof, tamper-proof. For wooden doors 1 3/4" thick. Mounts in 1/2" dia. hole. 275-505 ..... 1.59



### 1<sup>49</sup> Panic Switch

Normally closed switch lets you sound closed-circuit alarm system from any location in your home. With 2 screws for wall mounting. 275-510 ..... 1.49



NEW FOR 77

Low  
As

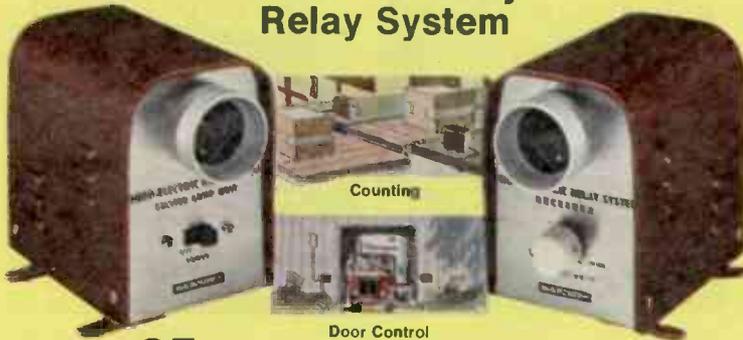
### SPST Lock Switch

**2<sup>29</sup>** Virtually  
Pickproof

Removes in "on" or "off" position. With two round keys. 275-511 ..... 7.95  
Conventional lock switch with 2 keys. 275-503 ..... 2.29

# Our Security Systems Make Your Property Safer

## Photoelectric Eye Relay System



**29<sup>95</sup>**

Door Control  
**Not a Kit — Assembled and Ready to Use**

Silent 'round-the-clock sentry for business, warehouse, home. Use it to trigger alarms, with a chime as an "announcer," or to count people or objects. Independently powered exciter lamp and photocell receiver have a range up to 50'. Switch for continuous duty (alarm remains "on" once the beam is broken) or intermittent duty (alarm resets automatically). Sensitivity control adjusts for light levels, or temporarily inactivates system. Each unit, 5½x4x2½". For 120 VAC — use with 120 VAC sounding device or counter. 275-489 ..... 29.95

## ELECTRONIC WHOOPER

Loud "Rise-Fall" Sound

**24<sup>95</sup>**

Weather-proof spun-aluminum horn with easy-mount swivel base for attaching to vehicle, house, office, studio. Low battery drain — under ¼ amp. For 6 or 12 VDC. With hardware. 6x5¼x5¼". 275-488 ..... 24.95



## 8" Underdome Alarm Bell

For Signalling or Alarm Systems

**12<sup>95</sup>**

Heavy-duty — many uses in homes, schools, factories. Loud ringing gets attention fast. For 6 or 12 VDC. Low current drain. With mounting bracket, hardware, instructions. 275-498 ..... 12.95



# At Our Low Prices, Extension Phones Are No Longer Luxuries

## French Continental Telephone



**69<sup>95</sup>**

- Instant Installation
- Plug Included

An elegant and practical addition to any room. This authentic replica, with its highly polished gold filigree and ivory-colored case, adds sophistication to any decor. Has adjustable speaker horn, bell volume control for low, medium or high. A real conversational piece, ruggedly constructed for years of service. With bell, cord. 279-010 ..... 69.95

## Budget Desk Phone

**14<sup>95</sup>**

Put One in Every Room



Perfect for replacement, extension or even intercom use. Reconditioned for years of dependable service. Smooth rotary dialing, comfortable molded handset, padded feet won't scuff furniture or desk tops. Bell volume control for low, medium, high. With cable, bell. Style may vary from photo. Guaranteed. 279-371 ..... 14.95  
Contemporary Wall Phone. 279-372 ..... 14.95

## Deluxe Modern Phones

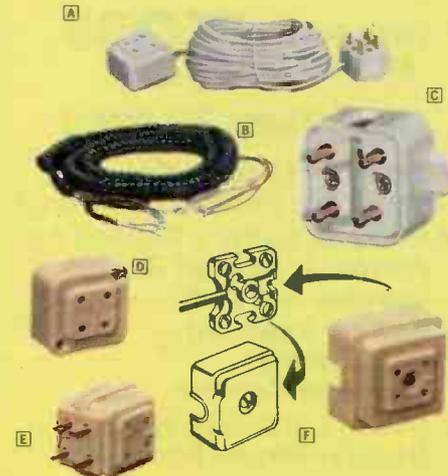
**34<sup>95</sup>**

Choice of Beige or White



Every bit as stylish, rugged and reliable as the ones you'd get from your telephone company. Their light colors blend perfectly into the decor of any room. Rotary dialing, volume control for low, medium, or high bell. Molded handset has coiled cord that stretches up to 4'. With bell, cord. Beige. 279-501 ..... 34.95  
White. 279-502 ..... 34.95

## Telephone Accessories



- A Extension Cords.** Flexible 4-conductor cable with jack and plug.  
15' Long. 279-1260 ..... 2.29  
30' Long. 279-1261 ..... 3.99
- B Coiled Cord.** Provides added mobility. 4-conductor.  
6' Long. 278-369 ..... 3.99  
15' Long. 278-1389 ..... 6.95
- C Plug.** Mates with any standard 4-prong phone jack. Connects easily with just a screwdriver. 279-366 ..... 1.29
- D Jack.** Accepts standard 4-prong phone plug. Complete with hardware for wall mounting. 279-367 ..... 1.49
- E Dual Jack-In-A-Plug.** Permits use of two phones from a single jack. Plug-in installation. 279-370 ..... 2.29
- F Quick-Connect Jack.** Converts standard wall box to phone jack. Screwdriver installation. 279-368 ..... 2.19
- G Wall Jack.** 4-prong jack with wall plate fits standard-size cutout for custom-looking installations. 279-1507 ..... 2.59
- H 50' Cord.** Flexible 3-conductor cord with tough beige jacket. Ideal for replacements, extensions. 278-371 ..... 3.49
- I Jack-In-A-Plug.** Permits two or more phones to be connected to one jack. Screwdriver installation. 279-369 ..... 1.89
- J Modular Adapter.** Converts old-style 4-prong plug to take new modular-type plugs. 279-365 ..... 4.95
- K Snap-On Amplifier.** Ideal for hard-of-hearing. Amplifies up to 5 times. Volume control. With battery. 277-007 ..... 10.95
- L 25' Cord with Modular Plug.** For extension or converter/extension use with 279-367 jack. Spade lugs on other end. 279-364 ..... 8.95



Customer-Owned Equipment Directly Connected to Telephone Company Equipment is Subject to Extra Charges

# Never Miss Another Call — with DUōFONE®

Records Your Telephone Messages, Wherever You Are



Easily Connects  
to Your Telephone  
with No Rewiring!

Available Oct. 30, 1976



new  
FOR 77



**MESSAGE  
FLAG**  
Shows Someone  
Has Called!

**PUSHBUTTON  
FAST-FORWARD**  
Locates Any  
Reply Quickly!

**MESSAGE  
MAKER**  
Change Outgoing  
Message Anytime!

**MONITOR  
SWITCH**  
Allows You to Screen  
Incoming Calls!

**SINGLE KNOB  
TAPE CONTROL**  
Play — Rewind —  
or Record!

**BUILT-IN  
CONDENSER MIKE**  
Sensitive, Hands-Free  
Recording!

U.S. Pat. Nos. 3,780,226 and 3,818,141

## Your Own Low-Cost, 24-Hour Telephone Answering System

DUōFONE-II unties you from your telephone with no worry about missing important calls or business. It answers each incoming call with a 15-second message in your own voice, then records the caller's reply — up to 30 seconds — for playback at your convenience. Direct-wire coupling makes installation easy — just insert the DUōFONE adapter into your phone jack, then plug your phone into the adapter. Does not interfere with normal phone operation. Only 8<sup>3</sup>/<sub>4</sub>x7<sup>3</sup>/<sub>4</sub>x2<sup>3</sup>/<sub>4</sub>", it easily fits on desk, shelf — even on a bedside table. With 3 "D" cells, cord and adapter plug. (Not for party or multi-line use.)  
43-255 ..... 79.95

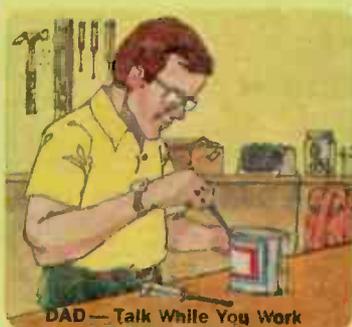
WHY PAY MORE? **79<sup>95</sup>**

Check These Features!

- ✓ Answers 17 to 20 Calls with Your Own Personal Message
- ✓ Records Caller's Replies for Playback through Built-In Speaker Anytime
- ✓ Battery Powered — Independent of House Current
- ✓ Doesn't Interfere with Regular Phone Functions

# With This New DUōFONE, You'll Hear *Every* Word!

We've Improved the First Low-Cost, Direct-Coupled Telephone Amp



## Easy Installation

"Direct-Wire Coupling" makes hook-up a snap! Piggyback jack allows you to plug amplifier and phone into the same phone outlet.

## New One-Piece Design Fits Anywhere

**Amplifies Calls to Room-Filling Volume!**

DUōFONE changes phone calls from bothersome "interruptions" into enjoyable conversations. When your phone rings, simply tap the Amplifier-Bar on your DUōFONE and answer—your phone stays on the hook. The amplifier works on both "talk" and "listen", and there's a microphone sensitivity switch, so you're free to move all around the room as you talk. Auto-switching between talk and listen—no feedback "squeal". A volume control lets you listen to the caller the same way you'd listen to a radio. When someone special calls, everyone in the room can listen and answer. To hang up, just tap the bar again. Molded 3 $\frac{5}{8}$ x6x4 $\frac{1}{8}$ " enclosure connects with a 5' cord. Requires just 3 "C" cells. (Not for multi-line systems.) 43-275 ..... 29.95

- Hands-Free! Talk Without Touching Your Phone
- Two-Way Amplification with Automatic Switching Boosts Voices Both Ways and Eliminates Feedback
- Screen Background Noise or Pick Up Every Sound with Microphone Sensitivity Selector



# 29<sup>95</sup>

Available Oct. 30, 1976

## Budget-Priced Telephone Amplifier

# 15<sup>95</sup>

- Battery Operated and Completely Self-Contained — No Installation
- Separate Speaker Minimizes Feedback

Lets everyone listen in — ideal for family calls. Amplifier boosts incoming calls to "easy listening" levels. Just place the telephone handset in the cradle to turn the amplifier on, adjust volume control for one person or a roomful. And there's even an earphone jack for private listening, or for the hard-of-hearing. Amplifier, 10 $\frac{1}{4}$ x4 $\frac{1}{2}$ x3 $\frac{3}{4}$ ". Separate speaker, 3 $\frac{1}{2}$ x2 $\frac{1}{4}$ x3 $\frac{3}{4}$ ". Includes earphone, 9V battery. (Not for GTE equipment.) 43-230 ..... 15.95



# Radio Shack® Has Better Ways to Communicate



**SELECTaCOM® FM  
Wireless  
Our Most Versatile  
Intercom!**



NEW  
FOR 77

## 2-Channel, 3-Station FM System

- No Installation - Just Plug In
- "Beeper" Alerts Other Stations
- Simultaneously Talk on One Channel and Monitor the Other

**119<sup>95</sup>** Set of 3

SELECTaCOM FM works two ways to stop noise. While you talk, frequency modulation eliminates interference; and between conversations, an adjustable squelch keeps the system silent. Stations may even be moved from room to room. Each has a Talk-Bar that locks for continuous talking or monitoring, a volume control and an A/B channel selector. 6½x5½x1¾" each. U.L. listed.

43-213 ..... Complete System 119.95



Frequency Modulation  
Eliminates  
All This:



Appliance Motor  
Noise



Dimmer Switch  
Buzzing



Fluorescent Light  
Static

## Static-Free 2-Station Intercom System

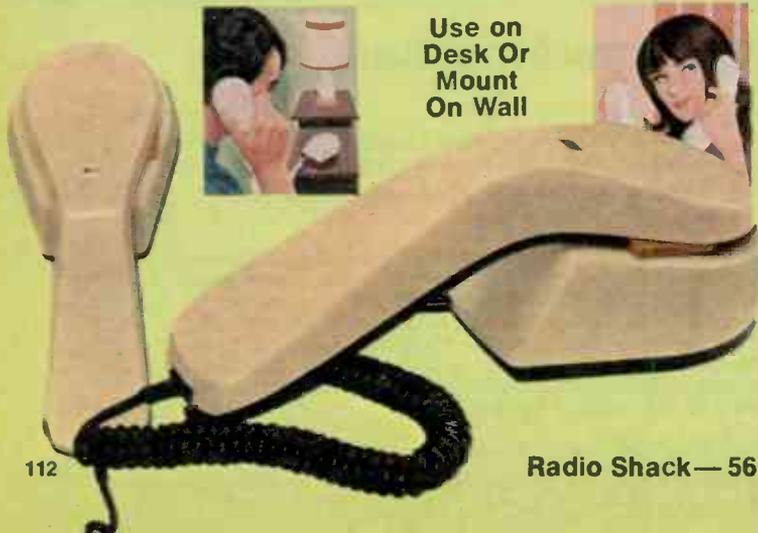
Plug 'n Talk®  
FM Wireless

**69<sup>95</sup>** Pair

- "Beep" Call Tone
- Adjustable Squelch



Convenient—just press the Talk-Bar to speak, and the Lock-Bar for hands-free talking or monitoring. Frequency modulation and adjustable squelch team up to eliminate "hash" and static. And the lighted Talk-Bar doubles as a night light. The two units look good, and there are no unsightly connecting wires. Plug each 1¾x6¾x4¾" station into any AC outlet, and they're ready to use. U.L. listed. 43-212 ..... 69.95



Use on  
Desk Or  
Mount  
On Wall

## Two-Station Telephone Intercom

**21<sup>95</sup>** Pair

- Simultaneous, Two-Way Conversations
- As Easy to Use as a Regular Phone - And Just as Private

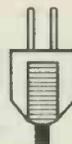
With these stylish step-savers, conversations come through crisp and clear. A convenient buzzer lets you "ring" the other phone, while a battery-saver turns the phones off when they're not in use. The contoured handset's coiled cord eliminates tangles. And they're immune to electrical interference. Compact, each measures 3⅞x9¼x3¼" (with base). Complete with 9-volt battery for each station and 66' of connecting cable. 43-242 ..... 21.95

# Get More Talk for Less Money at Radio Shack

## Plug 'n Talk® Wireless

### Wireless Intercoms Give You:

1. Versatility — Move them from room to room, add any number of units. And continuous operation makes them ideal for monitoring, "baby-sitting."
2. No Installation — Just plug each unit into standard 120 VAC outlet.



## SELECTaCOM® Wireless

### Versatile 2-Station System

**34<sup>50</sup>**  
Pair

- Stations May Be Moved From Room To Room As Your Needs Require
- Call Button "Beeps" Other Station



Each station has an on-off/volume thumbwheel control, Lock-Key for continuous talking or monitoring and an illuminated Talk-Bar that doubles as a night light. And you can add as many pairs as you need for a "whole-house" communications system— just plug 'em in. With so much convenience at such a low price, it's easy to see why it's our best selling wireless intercom! 5x5½x1½" each. U.L. listed.

43-209 ..... 34.50

### 2-Channel, 3-Station System

**69<sup>95</sup>**  
Set of 3



**Two-Channel Versatility —  
Talk on One Channel,  
Monitor on the Other**

**Can Even Be  
Wall Mounted**

Save time and steps! Each station is a "master," with a full range of controls: locking Talk-Bar for monitoring or dictation, a Call-Key that alerts other stations on the same channel, a volume control, an A/B channel selector and an adjustable squelch. Modern styling accents any room. No installation — just plug into AC outlet. 3½x6¾x1½" each. U.L. listed. 43-226 ..... 69.95

### Indoor/Outdoor 2-Station Intercom



### Wired Intercoms Give You:

1. Economy — Inexpensive to buy and use. Operate on one 9-volt battery.
2. Practicality — They work even where there's no AC power ... in RV's, trailers, boats, and during power failures.
3. Immunity — Not affected by electrical interference.

**12<sup>95</sup>**  
Pair



**Ideal for Campers,  
Recreational Vehicles**

**Remote Can Signal Master  
Even When System Is "Off"**

Our lowest priced intercom! Talk upstairs/downstairs, home to garage, office to office. Use it to check callers at the door, or for communications between driver and rear of camper or RV. Dependable, versatile units need no electricity, so you can install them anywhere. For desktop or wall mounting. Each, 4½x3½x1¾". With 66' of connecting wire and 9-volt battery. 43-221 ..... 12.95

**Operates  
On a Single  
Battery!**

### Complete 4-Station System

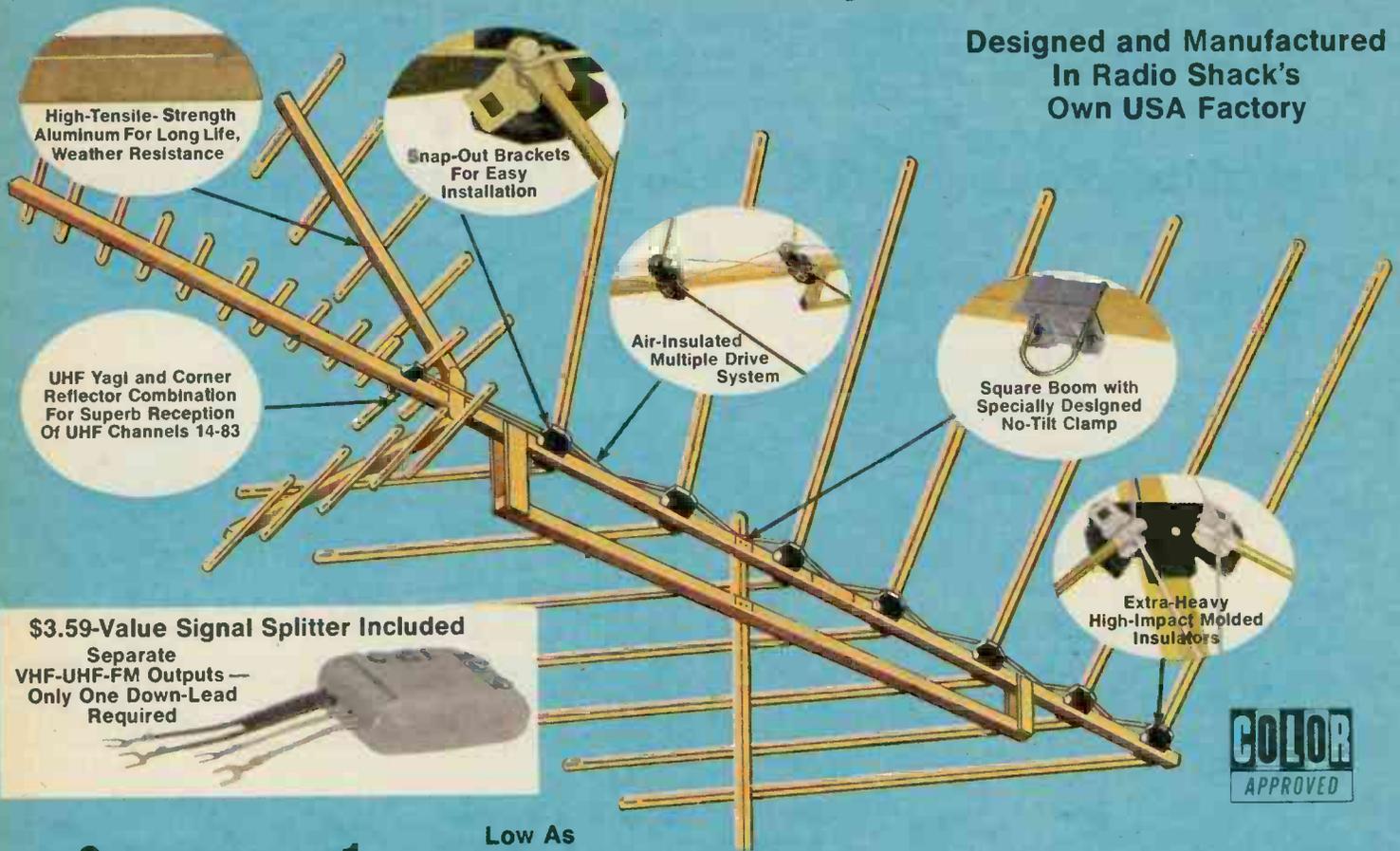
- Each Remote Can Signal Master— Even When System Is "Off"
- Easy Installation with Three 66-Foot Connecting Cables

**22<sup>95</sup>**  
Set of 4

Thrifty "whole-house" system for completely private conversations. Selector knob on master chooses remote #1, #2, #3 or standby — no other station can listen in. Press the Talk-Bar on any remote to signal the master. Master, 4½x4½x1¾". Each remote, 1½x3½x1¾". With three 66' cables, 9-volt battery. May be operated on AC through built-in AC adapter jack. 43-216 ..... 22.95  
Universal AC Adapter. 270-1551. U.L. listed. .... 9.95

# Archer® Antennas for Visibly Better Pictures

Designed and Manufactured  
In Radio Shack's  
Own USA Factory



**3 ANTENNAS IN 1**  
**VHF • UHF • FM**

Low As  
**12<sup>97</sup>**  
\$42.97 model shown

## Replace Your Worn-Out Antenna With the Archer Color Supreme II

- Golden Alodized to Fight Corrosion and Rust — Keeps Antenna Working and Looking New
- 60° "Swept-Design" VHF Elements in Triangular Alignment Aid Signal Pickup and Transfer, Withstand Strong Winds and Icing
- Pre-Assembled — Install It Yourself and Save

By manufacturing our own antennas, Radio Shack is able to offer these spectacular 3-in-1 UHF/VHF-FM values! Our dynamic Color Supreme II series with 60° wide-swept elements capture signals to make colors "come alive"—black and white pictures will be crisper—even on those "hard-to-get" channels. And if you own a hi-fi system, these antennas will provide the strong, clean FM signal necessary for FULL stereo separation! They're built for strength, and the Alodized® finish protects against rust and corrosion. Factory preassembled, you'll save a bundle by installing one yourself in no time. Whether you live in the city, suburb or country, there's a Color Supreme for you!

## Choose the Color Supreme That Meets Your Reception Needs



Cat. No.	Archer Model	Range in Miles*			Boom Length	No. of Elem.
		VHF	UHF	FM		
15-1640	VU-60	60	40	40	40"	13
15-1641	VU-75	75	50	50	50"	17
15-1642	VU-90	90	70	70	80"	25
15-1643	VU-110	110	90	90	100"	30
15-1644	VU-120	120	90	90	120"	35
15-1645	VU-160	160	100	100	140"	40

\*Ranges Based on Reception Over Flat, Open Terrain

# Archer® Custom-Design VHF-TV and FM Antennas

V-60  
**8<sup>95</sup>**  
15-1650



V-90  
**14<sup>95</sup>**  
15-1651

V-110  
**21<sup>95</sup>**  
15-1652

V-150  
**34<sup>95</sup>**  
15-1653

V-185  
**49<sup>95</sup>**  
15-1654

## For Superior TV & FM Reception, Choose a Color Eagle II

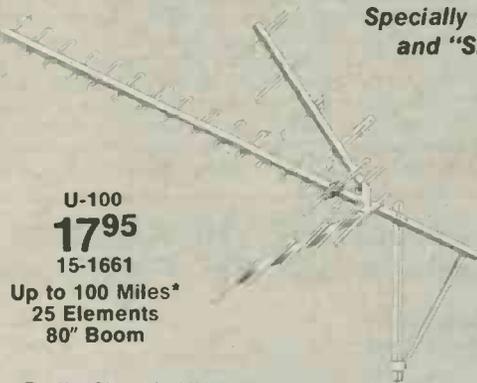
- **60° "Swept Wing" Design Aids VHF Signal Pickup and Transfer**
- **Extra-Strong Square Boom**
- **Gold Alodized® to Fight Rust**

Designed especially for VHF-TV channels 2-13 and 88-108 MHz FM, Color Eagle antennas feature an air-insulated multiple drive system for flat frequency response. Rustproof aluminum terminals for super-efficient down-lead connections, and self-locking, snap-out elements for added strength and rigidity. Factory pre-assembled for easy set-up.

Cat. No.	Archer Model	Range in Miles*		Boom Length	No. of Elem.
		VHF	FM		
15-1650	V-60	60	40	30"	6
15-1651	V-90	90	60	50"	10
15-1652	V-110	110	80	80"	14
15-1653	V-150	150	100	120"	20
15-1654	V-185	185	110	160"	34

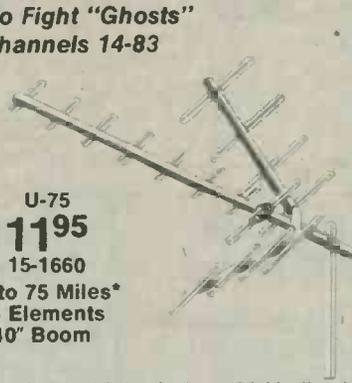
## If You've Got UHF Picture Problems, It's Time to Switch to Archer

*Specially Designed to Fight "Ghosts" and "Snow" on Channels 14-83*



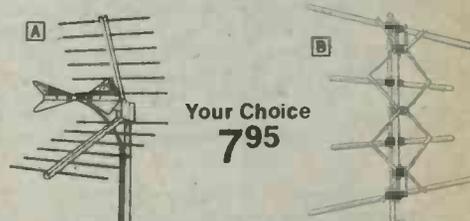
U-100  
**17<sup>95</sup>**  
15-1661  
Up to 100 Miles\*  
25 Elements  
80" Boom

Radio Shack's UHF antennas made in our own USA factory deliver great pictures on previously hard-to-get channels 14-83. They fight "ghosts" and "snow" for top performance. Excellent picture response even on HIGH-UHF channels 50-83. Each features a heavy-duty square boom



U-75  
**11<sup>95</sup>**  
15-1660  
Up to 75 Miles\*  
16 Elements  
40" Boom

to stand up to high winds, gold Alodized finish to protect parts from wind, rain, ice and snow. Completely pre-assembled and ready for fast set-up—no special tools required! They can even connect to your present VHF antenna for single down-lead installation.



Your Choice  
**7<sup>95</sup>**

**A** **Corner Reflector.** Color or black & white reception up to 50 miles\*. Highly directional. Resonant driven elements and bow-tie. Weather-resistant.  
15-1629 ..... 7.95

**B** **Multi-Bay Bow-Tie.** Superb color or black & white reception up to 70 miles\*. 30" boom. Aluminum weather-resistant gold color finish. Pre-assembled.  
15-1627 ..... 7.95

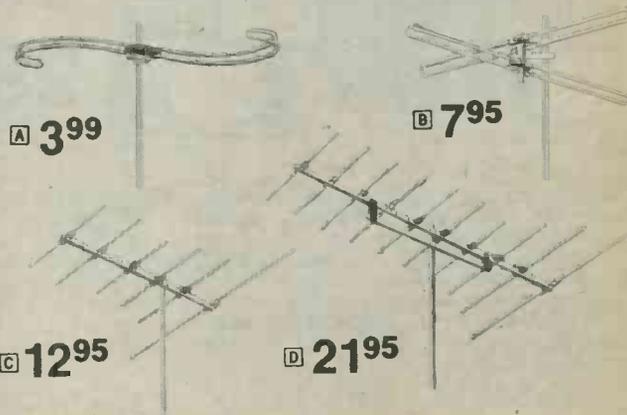
## Bring True Hi-Fi into Your Home with an Archer FM Antenna

**A** **Omnidirectional Attic or Outdoor.** "S" design brings in stations within radius of up to 35 miles\*! Offers full-frequency response, improves signal-to-noise ratio. Gold color aluminum finish. Assembled & ready to install.  
15-546 ..... 3.99

**B** **Omnidirectional Outdoor.** For city or suburbs—pulls in FM stations from up to 50 miles\* away—from all directions. Circular 360° pickup pattern, ultra-flat frequency response. Weather-resistant finish. Fully assembled.  
15-1639 ..... 7.95

**C** **Triple-Driven 6-Element Directional.** Excellent for stereo—rejects "multi-path" signals to improve channel separation. Flat frequency response over 88-108 MHz. Brings in stations up to 110 miles away\*. Thickwall aluminum, crush-proof mast clamp. Weather-resistant gold color finish. Pre-assembled.  
15-1636 ..... 12.95

**D** **"Stereo Supreme" Directional—For Fringe Areas.** Ten triple-driven elements bring in stations up to 175 miles away\*! High front-to-back ratio for near-perfect signals from each station; sharply directional for maximum "multi-path" rejection. Heavy-duty aluminum with 120" long, 1" square boom, no-tilt cradle mount. Gold color finish. Pre-assembled.  
15-1638 ..... 21.95



**A** **3<sup>99</sup>**

**B** **7<sup>95</sup>**

**C** **12<sup>95</sup>**

**D** **21<sup>95</sup>**

\*Ranges Based on Reception Over Flat, Open Terrain

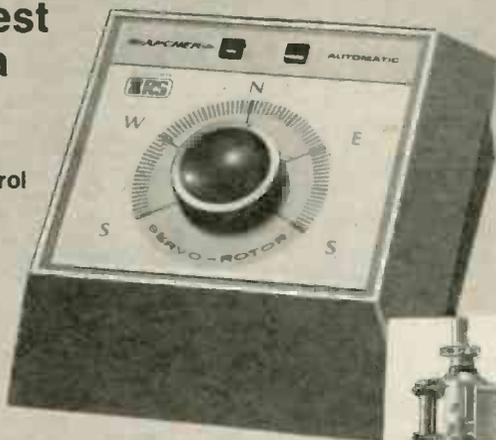
# Archer® Rotators and Couplers for Best Reception

## Our Finest Antenna Rotator

Accurate Control of Even the Larger Antennas

**51<sup>95</sup>**

- Aim for the Best Signal from EACH Station
- Reduces Ghosts, Snow • 2° Accuracy



Heavy-Duty High-Torque Motor Turns Antenna 360° in Less Than One Minute

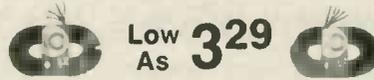
## Low-Cost Automatic Rotator

Dial Any Direction — Your Antenna Follows Automatically

**39<sup>95</sup>**

- "Moving Light" Direction Indicator
- Turns Your Antenna in 3° Steps

### 20-Gauge Rotator Cable

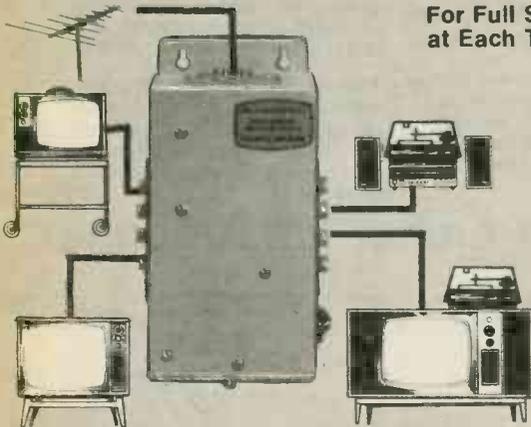


Cat. No.	No. of Conductors	Length in Ft.	Use With	Per Roll
15-1151	4	50	Archerrotor	3.29
15-1152	4	100	Archerrotor	5.79
15-1204	5	50	Servo-Rotor	3.89
15-1201	5	100	Servo-Rotor	6.99

**Archerrotor®-II.** An inexpensive way to maximize reception from every single TV or FM station, using just one antenna. Minimizes ghosts and interference, maximizes signal strength. Stylish control cabinet is synchronized with the antenna motor for constant visual indication of antenna direction. Lifetime lubricated motor with worm gear drive. Motor brake prevents overshoot, locks antenna into desired direction. High-strength aluminum alloy housing. For antenna masts for 1¼-2½" O.D. For 120 VAC. U.L. listed. 15-1223 . . . . . 39.95

## 300 and 75-Ohm Indoor All-Channel UHF/VHF/FM 4-Set Amplified Coupler

For Full Signal-Power at Each TV or FM Set



**27<sup>95</sup>**  
300 Ohm

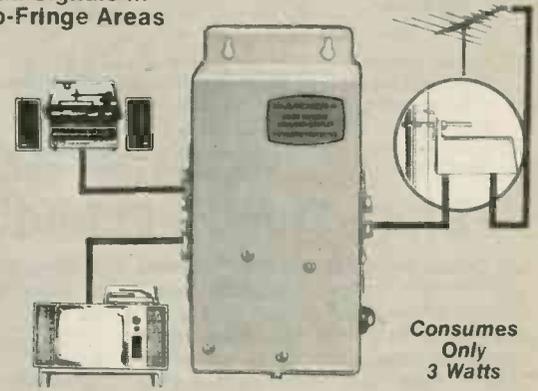
**29<sup>95</sup>**  
75 Ohm

With this coupler/amplifier, a single antenna can drive up to four sets, TV or FM. Amplifies and distributes signals for best color, black-and-white TV, stereo or mono FM; overcomes "losses" that are unavoidable with non-amplified couplers and lines. High-isolation circuit prevents inter-set interference. Place amplifier near AC outlet, attach leads from antenna to amplifier, leads from the amp to your sets. Gain per outlet: 4.5 dB UHF, 5 dB VHF/FM. Rated 3 watts. With connectors, mounting hardware. For 120 VAC, 50-60 Hz. U.L. listed.

300 Ohm. 15-1130 . . . . . 27.95  
75 Ohm. 15-1131 . . . . . 29.95

## Antenna-Mount UHF/VHF Amplifier for TV Channels 2-83, FM, FM Stereo

Cleans Up Weak Signals in Fringe and Deep-Fringe Areas



**32<sup>95</sup>**  
300 Ohm

**34<sup>95</sup>**  
75 Ohm

Consumes Only 3 Watts

Powerful broadband 54-890 MHz booster-amplifier mounts atop antenna mast — special high-gain circuit amplifies weak signals, not lead-in noise. Won't overload on strong signals. Really helps improve sound and pictures in "problem" reception areas. Both types are for color or black-and-white TV or FM, deliver up to 13 dB gain on VHF/FM and 10 dB gain on UHF. No controls to adjust. Low current drain solid-state circuit consumes only 3 watts. For 120 VAC. U.L. listed.

300-Ohm Input/Two 300-Ohm Outputs. 15-1132 . . . . . 32.95  
300-Ohm Input/One 75-Ohm Output. 15-1133 . . . . . 34.95

# Antennas & Accessories for Mobility, Versatility

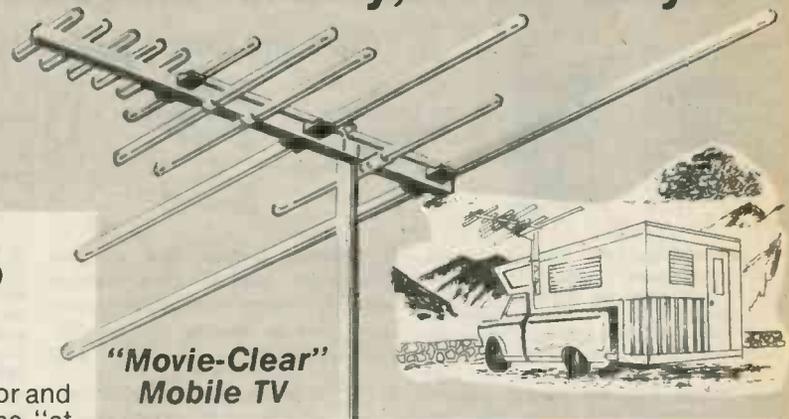
## Complete VHF/UHF/FM Mobile Antenna Kit for Trailers, Motorhomes, Vans

- Sets Up Fast, Folds Flat for Travel
- Nothing to Disconnect and Reconnect
- Resists High Winds and Ice

# 19<sup>95</sup>

The ONLY choice for people "on the go." Brings in color and black and white and FM reception that's as good as "at home." Its square, 40" boom has snap-lock elements made of rugged aluminum alloy—14 elements stay in place even in high wind. One lead-in for all channels is held securely with the wall-through insulator (included); no need to disconnect when you travel. Low-loss "tuner coil" separates available signals for best possible reception.

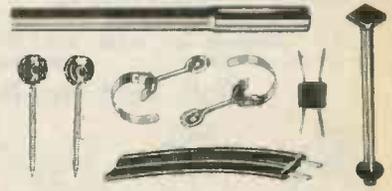
15-1613 ..... 19.95



"Movie-Clear" Mobile TV

### No Extras to Buy

25' of 300-ohm lead-in, VHF-UHF splitter, wall-through insulator, 50" mast, 2 stand-offs, wall mounting brackets, all other mounting hardware.



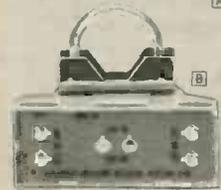
## Splitters, Couplers, Combiners for Added Sets & Versatility



A

**A Indoor Couplers.** Add extra TV or FM sets to your antenna. High isolation prevents interaction between sets. With Insta-Mount backing. 300 ohms. For strong signal areas.

2-Set. 15-1501 ..... 2.09  
4-Set. 15-1502 ..... 2.49



B

**B Indoor/Outdoor Couplers.** Low-loss transformer circuitry powers 2 or 4 sets from one antenna with no interaction. Combines outputs of two VHF and VHF/UHF antennas into one downlead. With indoor Insta-Mount adhesive backing and outdoor U-Bolt clamp for masts up to 1 1/2" dia. 300 ohms.

2-Set. 15-1135 ..... 3.39  
4-Set. 15-1136 ..... 4.29



C

**C Combiner/Splitter.** Lets you add a UHF antenna to your VHF antenna. Mounts on mast, requires only one downlead. Can be used as VHF-UHF signal splitter, too. 300 ohms. With U-Bolt clamp for masts up to 1 1/2" dia. 15-1137 ..... 3.95

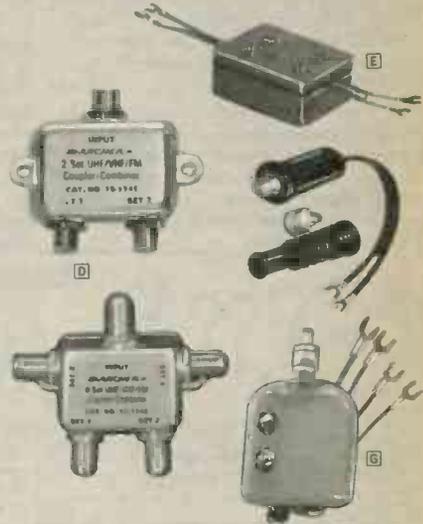
**D 75-Ohm 2 and 4-Set Couplers.** Low-loss transformer circuitry powers sets from one antenna with no interaction. Can also combine outputs of two VHF and VHF/UHF antennas into one downlead. With mounting hardware, connectors.

2-Set. 15-1141 ..... 4.95  
4-Set. 15-1142 ..... 7.95

**E Indoor VHF/UHF/FM Signal Splitter.** Three individual outputs (VHF-UHF-FM) from one downlead. Insta-Mount adhesive backing. 15-1138 ..... 3.59

**F Indoor/Outdoor Color Matching Kit.** Transformer converts 300-ohm antenna to 75 ohms. Helps prevent fading and ghosts. For UHF/VHF TV and FM. Solderless installation. 15-1140 ..... 2.59

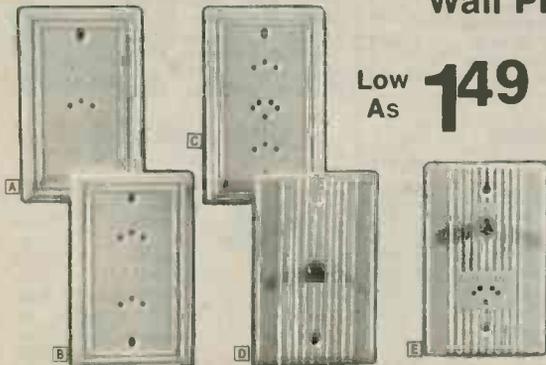
**G Indoor Transformer/Splitter.** Separate 300-ohm VHF and UHF outputs, FM terminals from one 75-ohm downlead. Recommended for color TV. Insta-Mount adhesive backing. 15-1139 ..... 4.70



## Wall Plates for Professional TV & Rotor Wire Installations

Surface or Flush Mount, 300 or 75 Ohm Coax Types—  
Install in or on Wall for Good Looks, Good Reception

Low As **1.49**



### 300-Ohm Coax Types

- A** Accepts single TV or FM lead-in. With mounting bracket and plugs. 15-1186. Flush-Mount ..... 1.79  
15-1189. Surface-Mount ..... 1.49
- B** Takes two lead-ins, TV or FM. With mounting bracket, 2 plugs. 15-1187. Flush-Mount ..... 2.49  
15-1190. Surface-Mount ..... 2.29
- C** Combination rotor and two lead-in flush-type sockets. With bracket, one rotor and 2 wire plugs. 15-1179 ..... 2.99

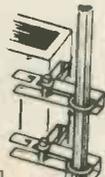
### 75-Ohm Coax Types

- D** Flush-mount plate with two standard F-59 coaxial TV or FM connectors and necessary mounting hardware. 15-1180 ..... 2.99
- E** Flush-mount plate with standard F-59 coaxial connector, plus 5-wire rotor socket and plug for use with Archer Servo-Rotor. 5-wire rotor socket and plug. 15-1181 ..... 3.99

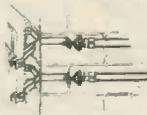
Over 4200 Radio Shack Stores and Dealers—We're Near You

# Archer® Professional Antenna Installation Accessories

## Tripod and Chimney Mounts



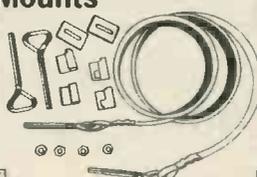
C



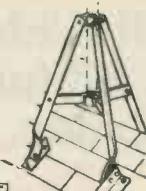
D



E



F



**A Heavy-Duty 1-Pc. Chimney Mount.** The finest made! 12-gauge main bracket is embossed for greater strength. Galvanized .050" corner bracket is corrosion resistant. With 12-ft. stainless steel strap that fits around chimney. 15-849 ..... 7.95

**B Ratchet Chimney Mount.** Fastens antenna masts with 1" to 1 3/4" outside diameter to chimney. With two rustproof stainless steel straps, each 3/4"x18-ft. Designed for quick and easy set-up. 15-839 ..... 7.95

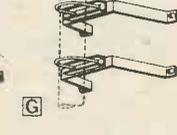
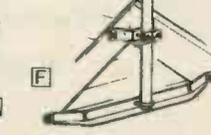
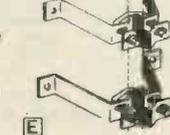
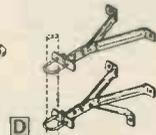
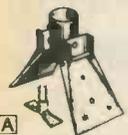
**C Chimney Mounts.** Two stainless steel straps, each 3/4"x10-ft. Weather resistant—fights rust! Attaches antenna mast to chimney with two "Y" mounts. 15-527 ..... 4.69

**D "Z" Chimney Mounts.** Set of two. Keeps mast away from chimney—holds securely. Each mount has heavy-duty 3/4"x10-ft. galvanized rust-resistant steel strap. 15-476 ..... 3.59

**E 25-Ft. Stainless Steel Straps Kit.** There aren't many chimneys that these straps won't fit around! Ideal for complete replacement of present straps. Each, 3/4"x25-ft. Complete with 4 eye bolts and mounting hardware. 15-801 ..... 5.99

**F 3-Ft. Tripod Mount.** Requires no guy wires, yet it's perfect for high-wind areas! Preassembled mount fits slope of most any roof. Accepts mast up to 1 3/4" diameter. With mounting hardware. 15-516 ..... 8.95

## Wall, Vent and Roof Mounts



**A Base and Roof Mount.** Easy one-hand installation. Simply bring mast to upright position and it automatically locks into exclusive "U"-bolt. Swivel base fits slope of practically any roof. Heavy-gauge steel. 15-889 ..... 2.49

**B Vent Pipe Mount.** Easiest way to a fast, permanent mount. Attaches to 4" vent pipe—ideal where chimney mounting is impossible or undesirable. Just attach brackets, snap antenna mast into place. With all mounting hardware. 15-893 ..... 2.99

**C Mast Anchor (Universal Mount).** For roof, attic or window mounting of up to 1 1/2" dia. masts. U-bolt for easy swivel. Must be guyed for roof and window mounts. 15-888 ..... 1.19

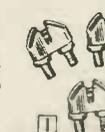
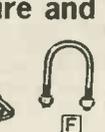
**D Pair of 12" Wall Mounts.** Offers secure mounting for any mast. Holds mast 12" away from wall. High strength aircraft aluminum, no rust. Fits up to 1 1/2" mast. Third leg brace for rigidity. 15-885 ..... 5.99

**E 4" Wall Mounts.** Hold mast 4" from wall. U-Bolts grip mast. Easy to install. 15-883 ..... 1.39

**F Eave Mount for Trim Boards or Hanging Rafters.** Eliminates drilling into brick or masonry. Installs with only 4 lag bolts (included). Has 48" lower member, 3" offset to clear attic windows and louvers. For medium pitched roofs. Takes masts up to 1 1/2". 15-891 ..... 6.99

**G 6" Heavy-Duty Wall Mounts.** Extra-heavy gauge aluminum for long-lasting mounts. Extends 6" from wall to overcome obstacles and overhangs. Mounts easily with just four screws, holds masts up to 2 1/2" dia. With mounting hardware, "U" clamps. 15-890 ..... 4.59

## Rugged Guy Wire and Accessories

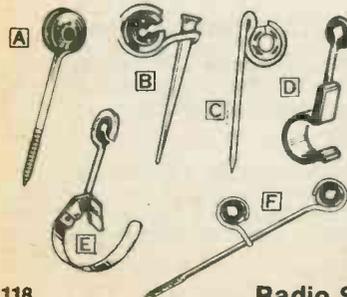


Put up that new TV or FM antenna the "professional" way with this equipment. Radio Shack has everything you need for a sturdy, safe installation.

Cat. No.	Fig.	Description	EA.
15-031	A	100' Galvanized Steel Wire	1.59
15-033	A	40' Aluminum Guy Wire	1.49
15-037	A	40' Plastic-coated Steel Guy Wire	1.29

Cat. No.	Fig.	Description	Pkg.	Cat. No.	Fig.	Description	Pkg.
15-825	B	2 Guy Wire Anchors	.59	15-826	E	U-Bolt & Clamp	.69
15-829	C	2 Guy Wire Turnbuckles 7 7/8" open 5 1/2" closed	.79	15-830	F	2 U-Bolts with Nuts	.59
				15-835	G	1 1/4" Guy Ring and Collar	.69
15-833	D	Set of Four Hex Lag Bolts, 3/4"x1 1/2", Heavy Duty For Mounting	.49	15-827	H	Guy Wire Mast Clamp with Bolts for Tightening	.69
				15-850	I	3 Guy Wire Cable Clamps	.99

## Easy-to-Install Stand-Off Insulators



You need these stand-offs to keep your lead-in secure in wind, rain or snow. They prevent lead-in movement which can cause static and noise on your TV picture or FM set. Makes installation much neater and gives it a professional look, too. Stand-off insulators (F) hold TV lead-in separately from rotor cable.

Cat. No.	Fig.	Description	Pkg.
15-853	A	4-3 1/2" Wood Screw	.39
15-854	A	4-5 1/2" Wood Screw	.59
15-855	A	4-7 1/2" Wood Screw	.69
15-820	B	2 Masonry Type	.49
15-821	C	2 Nail-in Type	.49
15-822	D	2 Snap-On Type	.49
15-823	E	2 Strap-On Type	.55
15-856	F	4-7 1/2" Inline Double	1.99

## Heavy-Duty Masting



### 16-Gauge Steel with Gold Enamel Finish!

Special design for non-slip installation—holds firmly and securely. Swaged end for tight lock on tubing to be joined. 1 1/4" outside diameter.

15-842. 5-Ft. Mast ..... 2.99  
15-843. 10-Ft. Mast ..... 5.79

### 5-Ft. Aluminum Mast

Golden polyester finish fights rust and corrosion. Rugged 19-gauge aluminum. 15-841 ..... 2.39

## Heavy-Duty Telescoping Antenna Masts

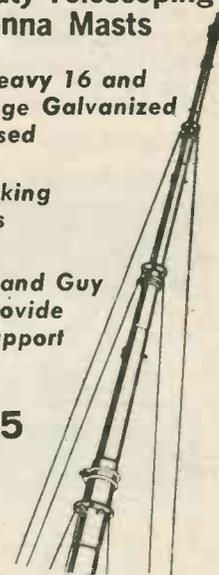
• Only Heavy 16 and 18-Gauge Galvanized Steel Used

• Interlocking Sections

• Clamp and Guy Ring Provide Firm Support

Low As

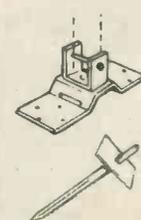
**16<sup>95</sup>**



Raise your antenna higher to get stronger TV and crystal-clear FM reception. Hot-dipped galvanized steel masts have zinc coating to eliminate rust. Sturdy sections interlock—won't pull-out, slip, twist or shake! Heavy-gauge guy rings stop guy wire tearing; flanged interior and crimped exterior for sturdier joints. Fully assembled, installs easily.

19-Ft. Mast. One 16-gauge and one 18-gauge section. 15-5065 ..... 16.95  
27.5-Ft. Mast. One 16-gauge and two 18-gauge sections. 15-5066 ..... 23.95  
36-Ft. Mast. One 16-gauge and three 18-gauge sections. 15-5067 ..... 31.95

## Base and Mount



Base. Holding bolt slips thru hole in universal mast base. 15-5068 ..... 4.49

Mount. Sturdy "tap-in", tapered in-ground mount for masts up to 40-Ft. tall. 15-5069 ..... 5.49

# Archer Accessories Improve Any TV or FM Set



## Low As **7<sup>99</sup>** VHF/UHF 300-Ohm Shielded Cable

For better reception on all TV channels, and FM too. Combines the advantages of coaxial cable with the convenience of transformerless hookup and a uniform 300-ohm balanced impedance. 100% shielding from noise pickup and color "smear".  
15-1177. 50-Ft. ..... 7.99  
15-1176. 100-Ft. .... 12.95



## Low As **2<sup>99</sup>** Our Finest VHF/UHF 300-Ohm Twin Foam Cable

A "must" for color TV and UHF—Ideal in fringe or suburban areas. 20-gauge copper, white-foam space web, high-dielectric for low loss. Dense, black polyethylene jacket.  
15-1174. 50-Ft. .... 2.99  
15-1175. 100-Ft. .... 5.59



## Low As **2<sup>49</sup>** Economy 300-Ohm Foam VHF/UHF Cable

22-gauge copper. Brown polyethylene jacket with blue polyfoam.  
15-1202. 50-Ft. .... 2.49  
15-1203. 100-Ft. .... 4.29



## Low-Cost Twin Lead for TV-FM

24-gauge, 4-mil cable recommended for indoor and attic installations.  
15-004. Standard Twin Lead. 65-Ft. .... 99¢  
15-1158. Clear Twin Lead. 40-Ft. .... 99¢

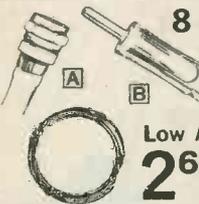
### Standard Twin Lead

22-gauge, 7-strand lead-in for indoor hook-up.  
15-1153. 50-Ft. .... 1.89  
15-1154. 100-Ft. .... 2.99



## Shielded UHF/VHF Foam Coax Cable Assemblies

Combines the low loss of twin lead with the interference-rejecting shielding of RG-59/U coax. Use with 75 to 300-ohm transformers. Improves color and B&W in "problem" areas. F-59 connector on each end.  
15-1526. 50-Ft. .... 5.59  
15-1527. 100-Ft. .... 9.95



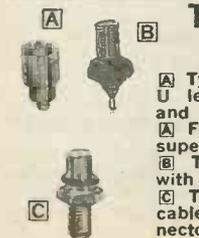
## 8 and 16-Ft. Coax Cables

Ideal for use with Archer 75-ohm wall plates. Polyfoam insulation.  
[A] 8-Ft. F-59 connector on each end. 15-1530 ..... 2.69  
[B] 8-Ft. F-59 connector and Motorola-type plug. 15-1528 ..... 2.69  
[A] 16-Ft. F-59 connector on each end. 15-1531 ..... 3.69



## RG-59/U Polyfoam Coax

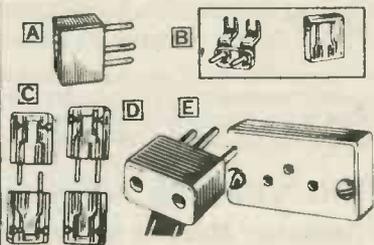
Much lower loss than standard dielectric. Gives greater signal strength. 75 ohms. In 25-ft. lengths only  
**10¢** per foot  
278-1327. 500' Up, 9¢/Ft. Per Ft., 10¢



## TV Coax Bushing and Connectors

[A] Type F-59 Connector. Connects RG-59/U lead-in to TV matching transformer and CATV-type system. 278-211 ..... 2/89¢  
[A] F-56 Connector. For RG-56 and RG-59 super coax cables. 278-214 ..... 2/89¢  
[B] Type F-61 Chassis Connectors. Mate with F-59 and F-56. 278-212 ..... 2/89¢  
[C] Type F-81 Bushing. Couples 2-coaxial cables that terminate with an F-type connector. 278-213 ..... 89¢

## Solderless TV Connectors



[A] Wall Receptacle Plugs—Mate with all surface or flush sockets. 15-1178 ..... 2 for 99¢  
[B] Input Adapter Plug and Line Socket. Adjustable lugs. 15-1194 ..... 89¢  
[C] Polarized Connectors. Prevent reversal of polarity when splicing. 15-1199 ..... 2 for 89¢  
[D] Plug and Socket. For UHF and VHF. 15-1198 ..... 89¢  
[E] Surface Mount Universal Socket with Mating Plug. 7/8"x1 3/4"x1/8" 15-1192 ..... 89¢

## 4-Ft. Ground Rod



Copper-plated, corrosion resistant, highly conductive. 15-530 ..... 1.59

## Ground Wire



40-ft., high quality #8 aluminum wire. 15-035 ..... 1.19

## Antenna Discharge Unit



Low-cost TV-FM antenna protection. With mounting hardware. U.L. listed. 15-911 ..... 1.29

## 10 Coax Nail Clips



Insulated nails with clips for securing 75-ohm RG-59 type coax cables. 20-192 ..... 99¢

## "Wall-Thru" Tube



Run your TV or CB cable through walls up to 1 3/8" thick. Grommet seals out weather. 15-1200 ..... 1.79

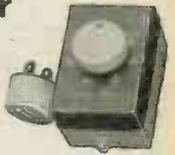
## TV "Power" Cords

Standard Low As **79¢** Polarized  
6-ft. AC cords. 18-gauge, 2-conductor. Molded cap and connector. Fit all standard receptacles. U.L. listed.  
15-011. Standard ..... 79¢  
15-012. Polarized ..... 89¢

## Remote Control Timer

• Times from **8<sup>95</sup>**  
10-60 Minutes

Pre-set time for auto-shutoff. Timer plugs into 120 VAC; appliance plugs into timer. 10 amps, 1200 W. 3 1/2 x 2 1/2 x 1 3/4". 10' cord. U.L. listed. 63-634 ..... 8.95



## Remote On-Off TV Switch

**2<sup>99</sup>**

• Just Plug In—No Rewiring

Control TV and appliances up to 15-ft. away. Snap-switch with cable. 10 amps, max. U.L. listed. 15-1160 ..... 2.99



## "Private" TV Listener

**3<sup>39</sup>**

With volume control, speaker/phones switch, 20' cord and earphone. 15-586 ..... 3.39



## TV Interference Filter

• Fights Snow and Electrical Static **1<sup>99</sup>**

Reduces or eliminates electrical appliance or neon static. Installs easily. 15-582 ..... 1.99



## Color TV "Ghost" Eliminator

**4<sup>49</sup>**

Reduces TV interference caused by nearby transmitters, adjusts for UHF and VHF. Easy to install. 15-1114 ..... 4.49



## Tunable FM Trap

• "Tune-Out" Interference on TV  
Eliminates interfering FM signals by "trapping" them. Frequency adjustable from 72 to 108 MHz. 15-1145 ..... 2.95

**2<sup>95</sup>**



## CB Interference Filter

• For Both TV and FM  
Eliminates or reduces interference caused by Citizens Band transmitters. Attaches directly to antenna terminals. 15-1146 ..... 2.95

**2<sup>95</sup>**



## AC Line Interference Filter

Cuts most electrical appliance interference on color and B&W TV. Instant plug-in installation. 15-1106 ..... 4.49

**4<sup>49</sup>**



## TV/FM Antenna Clips

Set Of 2

Instant connection/disconnection of 300-ohm lead-in. Solderless. 15-832 ..... 79¢

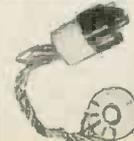
**79¢**



## TV Picture Tube Brighteners

Low As **2<sup>69</sup>**

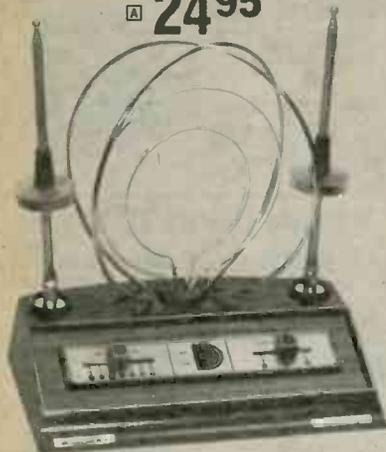
Renew brilliance, contrast, sharpness, detail. Actually prolong tube life.  
B&W Set. Parallel or series 12-pin tubes. 15-639 ..... 2.69  
Color Set. 15-642 ..... 7.49



# Archer® Indoor TV/FM Antennas — Visibly Better

"Golden Glory"

**A** 24<sup>95</sup>



"Color Supreme"

**B** 19<sup>95</sup>



## **A** Our Best All-Channel Antenna

- 7-Way Tuning Switch with Gold-Plated Contacts
- UHF/VHF Switch Isolates TV Tuner Inputs

Dual 6-section "Power Receptor" dipoles extend to 46", bring in VHF stations strong and clear to satisfy the critical viewer. Rotator control adjusts UHF loops without turning whole antenna. Simulated walnut grain finish base. Color-coded UHF/VHF leads. 15-1815 ..... 24.95

## **B** UHF/VHF with 7-Way Tuning

- "Power Receptor" Modules for Stronger Reception
- Gold-Plated Contacts for Maximum Signals

Get color-perfect pictures on channels 2-83 with minimum adjustments. Panel control rotates brass UHF loops; no need to turn the base. UHF/VHF switch isolates tuner inputs for best reception on each band. 5-section 46" brass VHF dipoles, color-coded UHF and VHF leads. Attractive simulated walnut grain finish. 15-1814 ..... 19.95

## **C** VHF/UHF Indoor Antenna

- Only the Elements Rotate — Not the Entire Antenna
- Adjusts Without "Detuning" the Picture

Satin brass VHF dipoles and dual UHF loops are mounted on a rotating turntable for balanced "single-point" tuning. Phasing switch reduces TV "ghosts" and fine-tunes for best possible reception of all stations. With UHF-VHF-FM selector and color-coded hookup leads. 15-1809 ..... 16.95

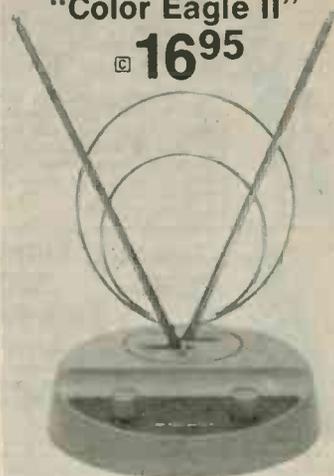
## **D** VHF-UHF with Tunable Phasing Switch

- Tunes Out "Ghosts" on All Channels — 2 thru 83
- Dual UHF Loops Turn without Moving Whole Antenna

Special color-balanced design sharpens color and B&W reception. Four-section, full frequency VHF dipoles; satin-chromed for long lasting beauty. Color-coded VHF and UHF leads for easy hookup. 15-1810 ..... 11.95

"Color Eagle II"

**C** 16<sup>95</sup>



"Color Eagle"

**D** 11<sup>95</sup>



## VHF/FM "Rabbit Ears"

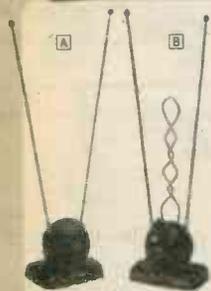
### Low-Cost Improvement

**A** Telescoping dipoles, cushioned anti-tip base. Improves reception in most areas. With lead-in. 15-955 ..... 2.39

### VHF TV/FM with 6-Way Impedance Matching

**B** Switch maximizes signal transfer on each channel. 35" telescoping dipoles, anti-tip base. With lead. 15-956 ... 3.99

2<sup>39</sup> 3<sup>99</sup>

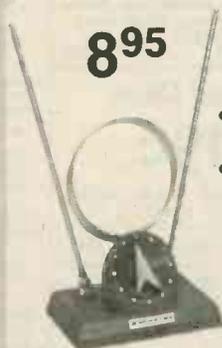


8<sup>95</sup>

## FM Stereo Supreme Antenna

- Cuts FM Drift and Noise Dramatically!
- Fine-Tuning Switch!

Features multi-position fine-tuning to peak signal on any station. With telescoping 39" brass dipoles. With leads. 15-1820 ... 8.95



## Low-Cost VHF/UHF

**A** With 6-way tuning. Telescoping brass-plated dipoles with swivel adjustment, UHF phasing loops. 15-626 ..... 5.99

### Deluxe VHF/UHF

**B** Multi-position fine-tuning switch. Brass-plated 39" VHF dipoles. With leads. 15-1812 ..... 6.95



## Back-of-Set VHF Antenna

3<sup>95</sup>

NEW FOR 77

Mounts out of sight on most sets. 30" dipoles. With leads. 15-1804 ..... 3.95

## Replacement VHF Rod

Easy to Install 2<sup>99</sup>

Replaces 4 or 5-section VHF rod on most TV sets. Extends from 7½ to 38". 15-232 ..... 2.99



## Twin UHF Bow-Tie

5<sup>95</sup>

Tip-Proof

Great for color or B&W. Has twin, gold-color bow-ties, brass reflector grid. Rubber feet. Excellent for local UHF. With leads. 15-623 ..... 5.95

## UHF Portable Bow-Tie

1<sup>99</sup>

- Snap-On Attachment
- Covers Channels 14-83

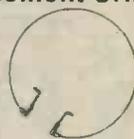
Fastens to your VHF antenna with leads connecting to set's UHF terminals. For color or black-and-white. 15-234 ..... 1.99

## Replacement UHF Loop

99¢

Install with Screwdriver

Exact replacement for broken, bent or lost UHF loop antennas. Gives fine local UHF reception. 15-233 ..... 99¢



# Radio Shack® Dependability for Your Base Station

¼-Wave Ground Plane

**12<sup>95</sup>** GOOD

- Omnidirectional Pattern
- Beta-Matched for Very Low SWR

Low in cost, high in quality, performance and efficiency! Three 108" quarterwave radials, plus a quarterwave radiator (vertical element) "U" clamp fits masts up to 1½" dia. Static discharge arrester. Terminates with SO-239 connector — mates with PL-259 plug. 21-901 ..... 12.95



½-Wave Gain Type

**24<sup>95</sup>** BETTER

- Hex Loops Dissipate Static
- 3.75 dB Signal Gain
- Omnidirectional Pattern

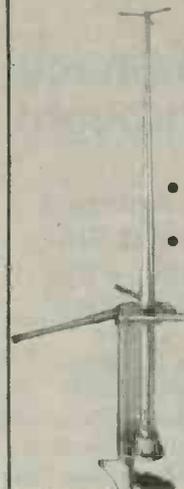
Multiplies effective radiated power for more range and reliability. Features end-fed ½-wave radiator; moisture-protected phasing transformer; 5-section seamless aluminum radiators. With static discharge arrester. Three 52" radials. "U" clamp fits up to 1½" dia. masts. Accepts PL-259 connector. 21-902 ..... 24.95

5/8-Wave Antenna

**34<sup>95</sup>** BEST

- Low Radiation Angle for Greater Signal Capture
- Omnidirectional 4 dB Gain

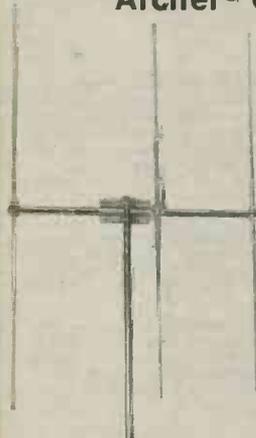
Gives you more effective radiated power for maximum range and performance. 19' 10" vertical radiator is full 5/8" wave-length electrically for superior performance. Fits up to 1½" dia. masts. With static discharge arrester for less "noise". Accepts PL-259 connector. 21-1133 ... 34.95



**Archer® Crossbow III**  
3-Element Beam  
with 9 dB Gain  
**39<sup>95</sup>**

12-Ft. Boom with  
18-Ft. Elements

Aim your power where you need it most — really increases power and range. Delivers a minimum gain of 9 dB with high 25 dB front-to-back ratio. Gamma matching. All aluminum. Perfect for use with Archer Rotator #15-1220. All hardware included. 21-933 ..... 39.95



**Base Station  
Dynamic  
Microphone**

Glide-Path®  
Gain Control

**29<sup>95</sup>**

Two-transistor FET amp with variable output. Touch-bar transmit/lock switch. Switchable for relay or electronically switched sets. DIN Plug. Req's 2 "AA" cells. 21-1173 ..... 29.95



**Regulated 12V  
Power Supply 25<sup>95</sup>**

Converts 120 VAC to 12-14 VDC — use your mobile CB rig at home, too. Regulated output: 13.8 VDC at 2.5 amps continuous, 5 amps surge. Built-in circuit breaker. U.L. listed. 2½x4½x6¾". 22-124 ..... 25.95

## Radio Shack Has Everything in CB Antennas, Meters and Testers



- Ⓐ 2-Position Coax Switch. Change antennas without switching leads. 500 watts. 21-511 ..... 6.95
- Ⓑ Antenna Tuner. Matches transceivers to any 10-10,000 ohm antenna. 500-watt RF capacity. 21-513 ..... 9.95
- Ⓒ Coaxial Patch Cords. For chassis interconnections on CB, Ham, test equipment. PL-259 connectors each end. 2-Ft. RG58/U. 278-968 ..... 3.49  
5-Ft. RG8/U. 278-969 ..... 3.99
- Ⓓ Coax Static Discharge Unit. Reduces static buildup. Uses PL-259 plug, SO-239 type connector. 21-1049 ..... 3.95
- Ⓔ Base Station Cable Assemblies. Polyfoam. 52-ohms, PL-259 connectors.  
50-Ft. RG8/U. 278-970 ..... 12.95  
50-Ft. RG58/U. 278-971 ..... 8.95  
100-Ft. RG8/U. 278-972 ..... 24.95
- Ⓕ Low-Pass TVI Filter. Reduces CB interference on TV. Starts attenuating at 41 MHz. 21-512 ..... 7.95
- Ⓖ Dummy Load Antenna. Tune transmitter without causing interference. Non-inductive 52-ohm load for testing up to 5 watts. PL-259 plug. 21-628 ..... 1.95



- Ⓐ Field Strength/SWR Meter. SWR forward and reflected to 1 kW. 100 µA meter. 2-30 MHz. 52 ohms. Requires no power. 1 7/8x6 3/16x2 1/2". 21-525 ..... 16.95
- Ⓑ 3-Range SWR/Power Meter. Hooks between set and antenna — requires no power. Separate SWR and power meters. 10, 100 or 1000-watt ranges. SWR forward and reflected power. Covers 3-30 MHz. 4 1/4x7 1/2x4 1/4". 21-520 ..... 39.95

- Ⓒ 3-Way CB Station Tester. Features jack for antenna or dummy load, transceiver output jack. Meter reads output power, SWR, percent of modulation. Requires no power. 1 7/8x7x2 1/2". 21-526 ..... 24.95
- Ⓓ 2-Position Switch/SWR Meter. Change from a beam to an omnidirectional antenna and check SWR without switching leads. Up to 500 watts. 1 7/8x7 1/8x2 1/2". 21-521 ..... 17.95

# Archer® Antennas for Superb Mobile CB

## Radio Shack Breakthrough!

Greatest Antenna  
Advancement Since  
Fiberglass — the  
GRAPHITE WHIP!

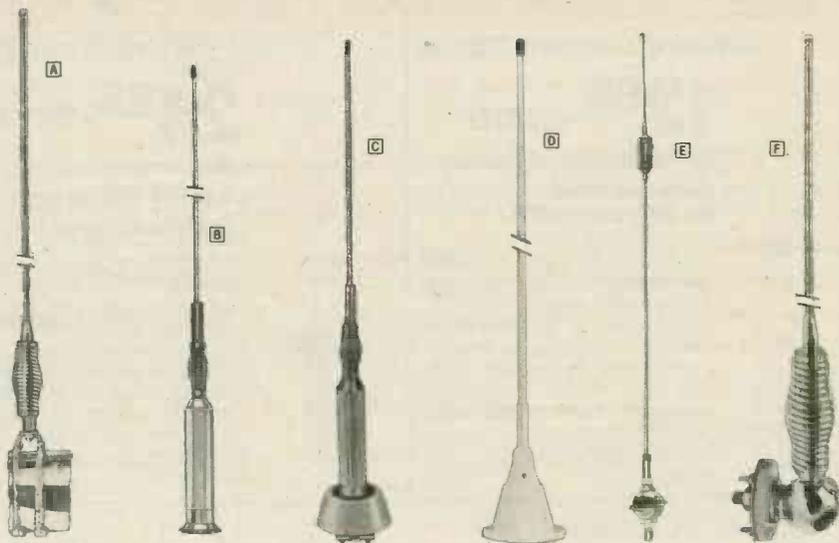
- Revolutionary Antenna is Almost Unbreakable!
- No Antenna Spring Required
- Instant No-Holes Mounting
- Environmentally Sealed Coil

NEW  
FOR 77

29<sup>95</sup>



The result of space-age research! A sleek and sensational antenna with a graphite whip that combines the finest features of both stainless steel and fiberglass, yet remains strong and rigid even after repeated and severe flexing. And because the whip maintains a more vertical position even at high speeds, you get a more uniform signal pattern. The molded coil housing is sealed to provide a constant "environment" for a stable impedance match in all weather conditions. Aerodynamically shaped base cuts wind drag. Mounts on center or either side of trunk lid—no holes to drill. With 16' cable and connector. 41" total height. 21-975 ..... 29.95



ⓐ 102" Bumper Mount Fiberglass Antenna. Full length mobile whip gives any CB maximum signal range. Features adjustable dual chains and bracket for mounting on most bumpers and chrome-plated shock spring for whip protection. Includes illustrated instructions, all mounting hardware, protective vinyl chain cover, gutter clip. Less cable. 21-927 ..... 22.95

ⓑ 40" Fiberglass Roof-Mount Antenna. Mounts on cowl, fender or trunk deck, too. Weatherproof base-loaded coil for excellent impedance match and maximum radiation in all directions with a minimum of height. With stainless steel shock spring, 3/8" snap-in mount, solderless connections, 16' coax cable and connectors. 21-925 ..... 19.95

ⓒ 42" Fiberglass, No-Hole Trunk-Grip Antenna. For center or either side of trunk lid. Has base-loading coil, stainless steel shock spring and whip. Mounts in seconds with just screwdriver—no holes to drill. Just tighten two set-screws against trunk lid and run cable. Really easy, yet performs like our roof mount antennas. With 16' coax cable and connectors. 21-926 ..... 21.95

ⓓ 102" Fiberglass Marine Antenna. Quarterwave antenna for all surfaces, metallic or non-metallic — fiberglass, plastic, wood — anything. No ground plane needed. Mount provides "lay-down" feature from both horizontal and vertical mounting surfaces. Stainless steel mounting hardware and leveling washer, transformer, 16' cable: PL-259 connector. 21-912 ..... 31.95

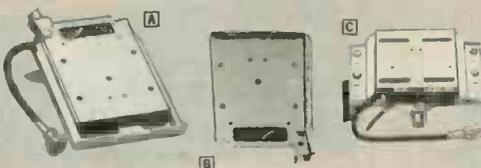
ⓔ 37" Cowl Mount Antenna. Good coverage in any area. Has sealed coil and stainless steel whip. Ball mount assembly allows mounting on surface with maximum slant of 35° from horizontal. Adjustable tip rod for lowest SWR. With solderless connections, 5' cable, connectors. 21-928 ..... 11.95

ⓕ 102" Stainless Steel Body Mount Antenna. Mounts on any flat surface of vehicle. Stainless steel whip offers long lasting efficiency and strength. Swivel ball mount, insulator and heavy back-up plate provide easy universal mounting. Chrome-plated steel spring for flexibility. Lug terminal connections. Less cable. 21-1094 ..... 14.95

NEW  
FOR 77

## CB Mounting Brackets

Makes It Easy to Remove  
Your CB for Safe Keeping



ⓐ Underdash Mount. Female unit half attaches to transceiver and slides instantly on or off nylon guides of male bracket, which mounts permanently under dash. Corrosion-resistant, spring-loaded contacts are self-wiping for positive, low-resistance connections every time. Finest quality! 21-536 ..... 9.95

ⓑ Extra Male Mount for Above. Use your CB in boat, RV or other car, too. 21-537 ..... 4.95

ⓒ Floor Mount. Use this mount when there's no room under the dash. Has all the features of underdash mount above, except male bracket attaches permanently to transceiver and slides in or out of female bracket which mounts over transmission hump. 21-538 ..... 10.95



ⓐ Stainless Steel Replacement Whip. With adapter. For replacing damaged or lost whips for 21-904 and 21-908 antennas. 34 1/2" long. 21-952 ..... 4.49

ⓑ Fiberglass Replacement Whip. With adapter. For replacing damaged or lost whips for 21-925 and 21-926 antennas. 34" long. 21-953 ..... 5.95

ⓒ Replacement Base-Loading Coil. Ruggedly constructed for replacing coils in Archer 21-904, 21-908, 21-925 and 21-926 antennas. Corrosion-resistant contacts. 21-951 ..... 8.95

ⓓ Quick-Disconnect Antenna and Power Package. For instant connection, disconnection and reconnection of antenna and CB power cables. Has polarized power plugs, wire connectors and semi-solderless push-on antenna connector. 21-548 ..... 2.39

ⓔ No-Hole Trunk Mount. Replaces damaged mounts for base-loaded antennas. Mounts on center or either side of trunk lid. Attaches conveniently with just two set-screws — no holes to drill. 21-913 ..... 7.95

ⓕ Replacement Coilet. For Realistic® 21-904 and 21-925 and others. 3/8" snap-in mounts. 21-918 ..... 1.59

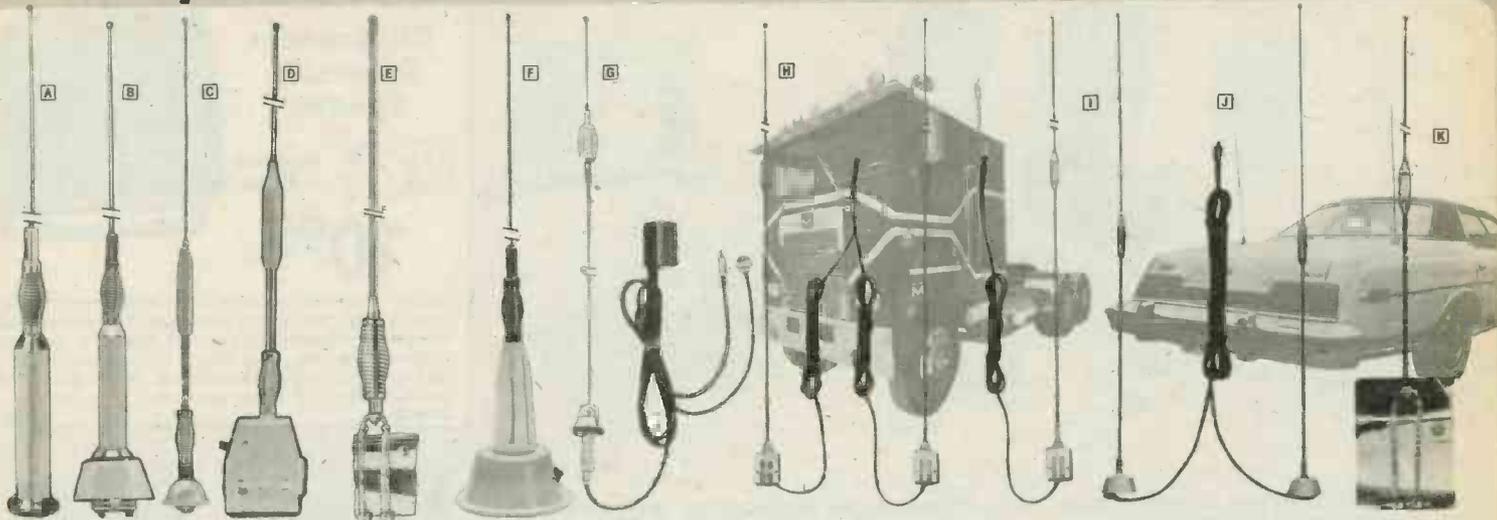
ⓖ Plastic Dust Caps. For base-loaded antenna mounts. Keeps out dirt and weather, helps prevent corrosion. 21-545 ..... Pkg. of 2 for 59¢

ⓗ Replacement Steel Spring. Heavy-duty, miniature stainless steel spring provides whip protection to your antenna. With 1/4"-20 threaded stud and lockwasher for convenient installation. 21-916 ..... 3.95

ⓓ Mobile Angle Adapter for Base-Loaded Antennas. For hatchback or other slanted-trunk cars. Mounts between whip and spring, adjusts 180° to keep whip vertical. 21-956 ..... 3.75

ⓙ Snap-In Roof Mount. For replacing mounts on base-loaded antennas. Also, mounts on cowl, fender or trunk deck. Requires 3/8" hole. 21-914 ..... 5.95

# Shop The Shack® for the Best CB Accessories



**A** 42" Roof Mount Antenna. Base-loaded, with heavy-duty corrosion-resistant stainless steel spring and whip. Whip adjusts for lowest SWR and maximum RF output.  $\frac{3}{8}$ " snap-in for simple installation, solderless connections. With 16' coax cable and connector. 21-904 ..... 18.95

**B** 44" No-Hole Trunk Mount Antenna. Mount it on center or either side of trunk lid and secure it with just two set screws. Easy cable entry. Has base-loading coil and stainless steel shock spring and whip. With 16' of coax cable and connector. 21-908 ..... 21.95

**C** "Shorty" Roof Mount Antenna. Efficient, with easy snap-in mounting. Center-loaded coil, stainless steel whip and shock spring, chrome plated support tube. Top whip adjusts for precise antenna matching. With 16' of coax cable and connector. 21-906 ..... 16.95

**D** Gutter Clamp Antenna. Just the thing for temporary use or easy car-to-car transfer. Short, but really gets a lot out of your CB. Center-loaded, stainless steel whip and spring, chrome-plated support tube. Adjustable top whip. With 10' of coax cable and connector. 21-909 ..... 17.95

**F** 102" Bumper Mount Stainless Steel Antenna. Full-length whip for maximum range and efficiency. Adjustable dual chains and bracket make this package mountable on most bumpers. No drilling required, either. Chrome-plated shock spring for whip protection and professional appearance. With illustrated instructions, all mounting hardware, vinyl chain cover. Less cable and connector. 21-915 ..... 19.95

**L** Base-Loaded Magnetic Mount Antenna. Absolutely no holes to drill, no special tools required. Mounts on any flat metallic surface—just run cable and connect to CB set. Won't slip off at normal highway speeds! With coax cable and connector. 21-940 ..... 21.95

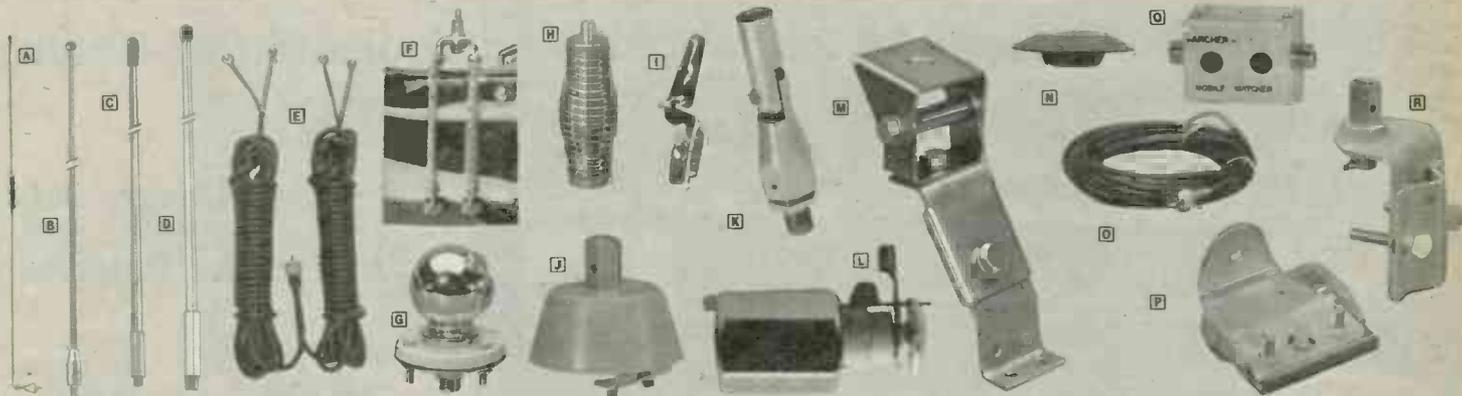
**M** Cowl/Side Mount CB/AM/FM Antenna. A "disguised" CB antenna that's also a replacement auto radio antenna. Has telescoping 50" whip and tunable loading coil plus matching network making a complete multiple antenna system for CB plus AM, FM or AM/FM. Corrosion-resistant stainless steel and chrome-plated sections. With all cables for front-fender or body installation and illustrated instructions for easiest mounting. 68" cable has both Motorola-type auto radio and PL-259 connectors. 21-930 ..... 18.95

**I** Twin Truckers II Dual Antenna. Get superior coverage, stronger signal pattern from ahead and behind. Stainless steel, adjustable tip rods. With oversize mounts for easy attachment to West Coast style mirrors 100" or more apart. Includes 18' dual phasing coax harness and connector. 21-942 ..... 34.95

**J** Single Truckers II Antenna. For trucks with single West Coast style mirror. Heavy-duty mirror mount, oversize resonators, adjustable tip rod for precise antenna matching. With 10' coax cable and connector. 21-941 ..... 21.95

**K** Twin Trunkers Dual Antenna. The same features and performance as the Twin Truckers II except you mount these on your car's trunk lid. Just tighten set-screws to secure in place. With 20 1/2' co-phasing harness and connector. 21-943 ..... 29.95

**N** Center-Loaded Bumper Mount Antenna. The same fine features and performance of Single Truckers II except it mounts on the bumper. Has adjustable dual chains and bracket for mounting on most autos. Protective vinyl chain cover. Package comes with all mounting hardware, illustrated step-by-step instruction. Less cable and connectors. 21-944 ..... 24.95



**A** Back-of-Set Antenna. Right-angle design connects directly into coax socket on your CB rig. Stainless steel upper. Center-loaded. PL-259 connector. 21-921 ..... 6.99

**B** 102" Stainless Steel Whip. Replacement CB antenna. Standard  $\frac{3}{8}$ "-24 stud. 21-903 ..... 7.95

**C** 102" Fiberglass Whip Antenna. Similar to above. Ideal for coastal areas, resists salt water. 21-905 ..... 11.95

**D** 4' Fiberglass Whip. Sleek and efficient. Top loaded to give better CB communication wherever you are. White with chrome plated brass  $\frac{3}{8}$ "-24 thread. Fits standard whip mount. 21-934 ..... 9.95

**E** Co-Phase Harness. More signal-pulling power. Connect two antennas to one transmitter. For Archer base loaded or whip antennas. 21-935 ..... 8.95

**F** Dual-Chain Mount. Fits most bumpers. Protective vinyl chain cover. 21-910 ..... 10.95

**F** Ball Mount. For vertical or horizontal mounting of mobile CB whip antenna. Chrome-plated ball, lug terminals. 21-1115 ..... 4.95

**G** Steel Spring. Provides maximum support for long or center-loaded antennas. Chrome-plated. Removable  $\frac{3}{8}$ " threaded stud. 21-1118 ..... 4.95

**H** Heavy-Duty Stainless Steel Spring. 21-957 ..... 9.95

**I** Antenna Hold-Down Clip. Secures mobile whip to car for low garages, bridges. Won't short. 21-917 ..... 1.49

**J** No-Hole Trunk Mount. "Quick-Grip" with  $\frac{3}{8}$ "-24 thread for whip mounting. 21-922 ..... 7.95

**K** Quick-Disconnect. Lets you remove antenna whip from spring or base with a quick, simple twist. Adjusts 180° to keep whip vertical.  $\frac{3}{8}$ "-24 male and female threads. 21-954 ..... 4.95

**L** Mounting Hardware. Standard  $\frac{3}{8}$ "-24 female threads. Fits mounting plates up to  $\frac{1}{8}$ " thick. With  $\frac{3}{8}$ " diameter mounting hole, bushing, spade lug and screw. Nickel-plated for corrosion protection. 21-950 ..... 1.95

**M** Hatchback/Trunk Groove Mount. Accepts 21-953 whip hardware for use with  $\frac{3}{8}$ "-24 whip. Or use it as a base-loaded snap-in mount for 21-904 and 21-925 whips. Just drill two tiny holes in groove of trunk lid for instant mounting. Adjustable to fit most cars. 21-955 ..... 6.95

**N** Hole Plugs. Cover  $\frac{3}{8}$ " antenna holes. May be inserted from outside car. 21-920 ..... Pkg. of 2 for 59¢

**L** Mobile Cable Assemblies. 20' of RG58/U cable. Connect antenna to CB rig. PL-259 Plug to Lugs. 278-966 ..... 3.99

PL-259 Plug on Both Ends. 278-967 ..... 4.49

**M** Gutter Clamp. For most antennas requiring  $\frac{3}{8}$ " diameter hole 21-911 ..... 3.95

**N** Mobile Antenna Matcher. Reduces SWR. Matches any impedance, 10 to 1000 ohms. 21-924 ..... 9.95

**O** Mirror/Luggage Rack Mounting Bracket. Accepts  $\frac{3}{8}$ "-24 threaded whip antennas. No holes to drill—easy installation. 21-937 ..... 4.95

Charge and Time-Pay Plans Available at Most Radio Shack Stores

# Accessories to Improve Any CB Installation



- A Mike Clip.** Screw-on type for steel or padded dash. Keeps mike in place and out of your way. 21-923 ..... 1.29
- B Magnetic Mike Holder.** Magnetic—easily attaches to steel dash in vehicle or boat. Keeps mike firmly in place. 21-1130 ..... 1.19
- C Ceramic Mike.** Coiled cord mike with DIN plug. Replaces Realistic TRC-23B, 24, 29 and Navaho-Pro transceiver mikes. -60 dB output. 21-1167 ..... 11.95
- D Dynamic Mike.** Shielded, coiled cord with DIN type plug. Replacement for Realistic® TRC-10, 23C, 24A/B/C, 30A, 49, 50, 52, 56, 57. -78 dB output. 21-1172 ..... 11.95
- E Mobile Preamp Mike.** Helps maintain full modulation and power. Two transistors, adjustable output level, push-to-talk switch, coiled cord, high-impact case. 400-5000 Hz response. Requires 7V battery. 21-1171 ..... 19.95  
7V Battery. 23-601 ..... 3.19
- F Mobile Noise Eliminator Kit.** Heavy-duty design eliminates radio impulse noise caused by ignition systems or alternators used in many trucks and cars. Simple to install. With choke, capacitor and instructions. 270-030 ..... 2.59
- G Ignition Noise Suppressor Kit.** A must for every mobile CB radio operator. Includes spark plug and distributor suppressors, bypass. Easy to install. With instructions. Six Cylinder. 21-502 ..... 4.49  
Eight Cylinder. 21-503 ..... 4.69
- H Alternator Noise Filter.** Eliminates receiver "whine" produced by alternator. Attenuates noise by approximately 50 dB. Operates on up to 32 VDC. With instructions. 21-507 ..... 3.99
- I Generator Noise Filter.** Helps prevent CB "whine" and "grinding" noises. Adjustable from 3-30 MHz. Installs easily on 6, 12 and 24 volt generators. 21-501 ..... 3.99

## CB/Scanner Extension Speaker

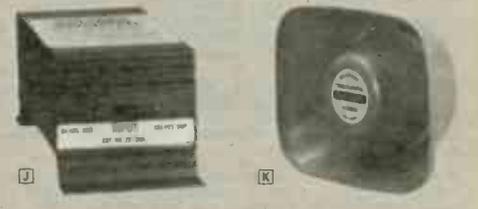
NEW FOR 77

Handles 5 Watts

10<sup>95</sup>

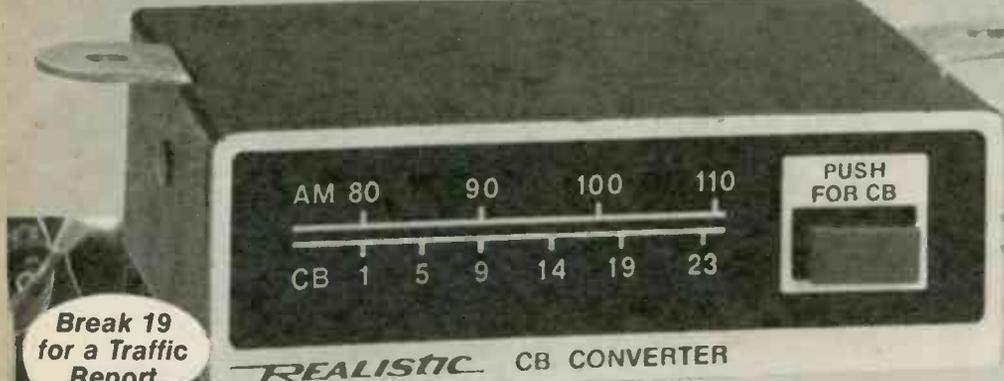


Quality sounding, weatherproof extension speaker installs easily on dash or overhead. 360° swivel base lets you direct sound up or down. 8-ohm, 4" dynamic speaker provides clear sharp voice reproduction. Heavy-duty magnet structure. With mounting bracket/stand, 10' cable, miniplug. 21-549 ..... 10.95



- J DC Voltage Inverter.** Lets you use 6V negative ground or 12V positive ground equipment in any 12V negative ground vehicle. Isolates circuit, no shorting even at antenna. Delivers up to 3 amps. Fused. Anodized aluminum case. 6x2½x2½". 22-129 ..... 19.95
- K Powerhorn® 4" Speaker.** Use as PA or remote CB speaker in vehicles, boats, outdoors. Highly efficient. Mounting bracket installs at any angle. Weather proof. 8 ohms. 40-1244 ..... 10.95

# CB Converter — Hear All 23 Channels on Your AM Car Radio



NEW FOR 77

Makes Driving Safer and More Fun — No License Required!

24<sup>95</sup> No Crystals to Buy!

Break 19 for a Traffic Report

- Automatic Polarity Switching for 12-Volt Positive or Negative Ground Vehicles
- Built-In Filter Cuts Ignition and Impulse-Type Noise
- Crystal Controlled Oscillator for Stable Reception, Always
- MOSFET Mixer for Maximum Gain and Sensitivity with a Minimum of Noise Interference and Overload Distortion in Any Area

The easiest, most economical way to monitor the CB channels as you travel. Listen to the truckers and other CB-equipped vehicles to learn about weather and road conditions ahead, speed traps, accidents, almost anything you need to know on the road. Also monitor volunteer community base stations and police CB in many areas. Just push the button "in" for CB, push again for regular radio listening. Uses your standard car radio antenna—easy plug-in hookup. Only 1½x4x3". For 12 VDC. With under dash mounting bracket, hardware, instructions. 21-500 ..... 24.95

# Archer Space-Patrol® "No-License" Walkie-Talkies



**7<sup>95</sup>** Each **14<sup>95</sup>** Pair

**19<sup>95</sup>** Pair *Fits in Your Shirt Pocket*

**10<sup>95</sup>** Each **19<sup>75</sup>** Pair

Our best seller is so good it's patented (U.S. No. 3,151,297). Sensitive super-regen receiver plus up to ¼ mile of talk power! 100 mW—no license needed. Rugged Navy-gray case with on/off control, 29½" telescoping antenna. 5x2½x1¾". With Channel 14 crystal and 9V battery. 60-3020..... Each 7.95

Talk wherever you walk — there's no license required. Dual transformers give plenty of range. 31½" telescoping antenna pulls in signals easily. Side-mounted on/off switch, high-impact case with chrome trim. 3⅞ x2⅞x1¼". With Channel 14 crystal, 9V battery. 60-3019..... Pair 19.95

Talk or send code to "get-through" if voice communication fails. 100 mW input for up to ¼ mile range — no license needed. Lock-on talk switch, code key, Morse code alphabet on panel, 34" telescoping antenna, 6½x2¾x1½". With Channel 14 crystal, 9V battery. 60-3021..... Each 10.95

## Deluxe 100-mW 1-Channel Walkie-Talkie

**15<sup>95</sup>**

*With Sensitive Superheterodyne Receiver*

Realistic TRC-3. Tiny and rugged, a great 2-way radio for scouts, young sportsmen, campers, fishermen. Push-pull audio for plenty of low-distortion volume, up-front combination speaker/mike, side-mounted volume/on-off control, push-to-talk button, super-hot receiver—all within a tough hi-impact case. With telescoping antenna, Channel 14 crystals, wrist strap, 9V battery. 6½x3x1½". 21-121..... 15.95

## "Treasure Finder" Low-Cost Metal Detector Not a Kit—Fully Wired, Ready to Use

**34<sup>95</sup>**



Built-In 2¾" Speaker

Telescoping Handle

6½" Search Coil

Audio Control Unit

- Your Ticket to New Adventure
- Unearth Buried Treasure
- Volume and Tuning Controls

"Uncover" adventure and fun on the beach, in parks, your own yard—anywhere. Speaker gives audible indication as you approach anything metallic — coins, jewelry, relics. Tuning control has hi-stability tuning capacitor to prevent drift. Sensitive coil has a "Faraday shield" and is sealed to prevent false indications. Lightweight, easy to handle. Approximately 35x7". Requires just two 9V batteries. 60-3002..... 34.95

Charge and Time-Pay Plans Available at Most Radio Shack Stores

# All-New "State of the Art" CB Walkie-Talkies

Each Includes  
Channel 14  
Crystals and is  
FCC Type Accepted



new  
FOR 77



new  
FOR 77



2 Channels

100 mW  
Input

21<sup>95</sup>

3 Channels

100 mW  
Input

29<sup>95</sup>

3 Channels

200 mW  
Input

34<sup>95</sup>

3 Channels

2 Watts  
Input

49<sup>95</sup>

**Realistic® TRC-74.** Sensational features and quality for the money. Besides 2-channel versatility, it has push-pull audio for plenty of low-distortion volume, convenient side-mounted volume/on-off control and push-to-talk switch, built-in speaker/mike, sliding A-B channel selector, even a rugged case that'll take lots of use. Multi-section telescoping antenna. 6½x2¼x1¾". With Channel 14 transmit and receive crystals—add optional crystals for one more channel. With wrist strap and 9V cell. 21-174 21.95

**Realistic TRC-75.** The features of the TRC-74 at left, plus a lot more. Separate speaker and mike for clearest transmission and reception, built-in GOOD-REPLACE meter to show battery condition, jack for earphone or external 8-ohm speaker. Side-mounted volume control has a front window for settings you can "see." Three-position channel selector. With transmit and receive crystals for Channel 14—add optional crystals for 2 more channels. Extra-rugged die-cast case. 8½x2¼x1¾". With wrist strap, 9V cell. 21-175 29.95

**Realistic TRC-76.** More power, more range, more features. Adjustable squelch for silent standby, battery test button with "LED" indicator light. Accessory jacks for earphone or external 8-ohm speaker, battery charger, external DC power. Flip-type channel selector, separate speaker and mike, high-impact case, adjustable wrist strap. With transmit and receive crystals for Channel 14—add optional crystals for two more. 10¼x3½x2½". Uses 8 "AA" cells (included) or 10 rechargeable cells. 21-176 34.95

**Realistic TRC-180.** Medium power CE with "high power" features. Auto-modulation for maximum talk-power, plus Range-Boost side panels use your body with the antenna system for extended range! Squelch, separate speaker and mike, battery test button and LED indicator, earphone/speaker jack, plus external antenna, charger, DC power jacks. With Channel 14 transmit and receive crystals—add optional crystals for two more. 10¼x3½x2½". With 8 "AA" cells (or use 10 rechargeable cells), wrist strap. 21-183 49.95

## Realistic CB Transmit & Receive Crystals

For Individual Transmit and Receive Crystals or Crystal Pairs Not Stocked in Our Stores—Order at Your Nearby Radio Shack for Fast Shipment from Our Own USA Factory



249

Specify frequency or channel, receive or transmit, model no. and type of set. (Does not include synthesizer crystals.)



498  
Pair

## Store-Stocked CB Crystals

Package of 2 Includes 1 Receive, 1 Transmit

Cat. No.	Channel	Pair	Cat. No.	Channel	Pair
21-1210	2	4.98	21-1203	13	4.98
21-1205	5	4.98	21-1204	14	4.98
21-1201	7	4.98	21-1215	15	4.98
21-1202	9	4.98	21-1219	19	4.98
21-1206	10	4.98	21-1220	20	4.98
21-1207	11	4.98	21-1221	21	4.98
21-1212	12	4.98	21-1223	23	4.98

# "Professional" CB Walkie-Talkies

NEW FOR '77



Optional Push-to-Talk Mike Plugs Directly Into TRC-200



Carry Case Included! 495 Value



Carry Case Included! 495 Value



Carry Case Included! 495 Value

FCC Type Accepted - For Serious Users Who Want "Pro" Features, Range and Reliability

**3 Channels**  
3 Watts Input **69<sup>95</sup>**

**Realistic® TRC-99C.** Receiver with sensitive RF amplifier has automatic noise limiter (ANL) and automatic gain control for pulling in clean and steady signals. Push-pull audio for plenty of low-distortion volume. Adjustable squelch silences speaker between calls. Built-in battery/RF meter, telescoping antenna, separate speaker and mike, and jacks for optional external speaker, microphone, battery charger, DC power, antenna. Die-cast panel. 9x2 7/8x2 7/8". With transmit and receive crystals for Channel 14 — buy optional crystals for two more. Uses 10 "AA" cells (included) or rechargeable nickel cadmium cells. 21-133 ..... 69.95

**6 Channels**  
5 Watts Input **99<sup>95</sup>**

**Realistic TRC-200.** Loaded with power and features. Range-Boost panels capacitively couple your body to the antenna for extended range. Hi-Low power switch saves on batteries. Special filter cuts interference. Battery/RF power meter. Squelch, separate speaker and electret condenser mike, center-loaded antenna. Jacks for external antenna, speaker, push-to-talk mike, DC power, charger, 9 3/4x3 1/2x2 1/2". With crystals for Channel 4 — add optional crystals for up to 5 more. Adjustable hand strap. With 8 "AA" cells or use 10 rechargeable cells. 21-184 ..... 99.95  
Push-to-Talk Mike for above. 21-1172 ..... 11.95

**23 Channels**  
5 Watts Input **149<sup>95</sup>**

**Realistic TRC-101B.** Our finest ever! The features of many base stations — but you hold it in your hand! Super-sensitive electret condenser microphone, battery-saving Hi-Low power switch, special filter for sharp selectivity. 3-way signal strength/RF output/battery meter. Automatic gain control assures steady signal and automatic noise limiter (ANL) cuts interference. Fine-tune switch for off-frequency sets, rotary channel selector, jacks for external speaker, mike, antenna, battery charger, DC power. 9 3/4x3 3/8x2 1/4". With crystals for all 23 channels. Uses 10 "AA" cells (included) or 12 rechargeable nickel cadmium cells. 21-129 ..... 149.95

## Walkie-Talkie Antennas

**Telescoping Whip.** Collapses from 5 1/2" to 6 3/8". 10 sections, 3/8" dia. 21-1156 ..... 3.99

**Universal Type.** Base-loaded, 16" steel whip with chrome base. Replaces broken or existing antenna. 21-919 ..... 2.99

## 12 VDC Power Cord

Allows you to use your walkie-talkie in your car! 8-ft. cord for 12 VDC negative ground use. Fused. 270-1533.

**2<sup>99</sup>**

## Nickel Cadmium Battery Charger

Charges 12 to 15-volt nickel cadmium battery packs used in Realistic walkie-talkies. Charge rate: 40 mA per hour. With AC cord. U.L. listed. 21-516.

**5<sup>95</sup>**

See Pages 148-150 for Radio Shack's Large Selection of Long-Life Batteries at Bargain Prices

# Personal Two-Way CB Radios — The Ideal Companions



Don't Drive "Alone" — Go with Our Best  
23-Channel Mobile Transceiver

## Specifications

Sensitivity for 10 dB S+N/N: 0.5  $\mu$ V.  
Selectivity at -6 dB: 6kHz. Adjacent  
Channel Rejection: 50 dB. Audio  
Power Output: 3 watts (10% THD). RF  
Power Output: 4 watts max. Power Re-  
quirement: 12-volt DC positive/  
negative ground. Size: 1 $\frac{3}{4}$ x6x7".

# 159<sup>95</sup>

- All Crystals Included • Delta Tune • ANL
- Mobile PA Provision • Noise Blanker
- Modulation Lamp • S/RF Meter

Realistic® TRC-24C. The famous mobile CB with "built-in" extras. Dual conversion receiver features a delta-tune switch to help bring in even the off-frequency stations. ANL *plus* a noise blanker really clean up impulse-type noise. Pi-Network antenna matching increases transmitter efficiency and helps prevent TV interference, and silicon transistors add to the set's reliability. Also has an illuminated channel selector and S/RF meter with built-in modulation indicator. Variable squelch blanks out noise between calls for easy listening. Just add an external speaker and you can use it as a mobile PA amp! With crystals for all 23 channels, power cables, push-to-talk plug-in dynamic microphone, adjustable mounting bracket. 21-145 ..... 159.95



Works as Great  
As It Looks

# 129<sup>95</sup>

Budget-Priced CB  
With RF Gain Control

## Specifications

Sensitivity for 10 dB S+N/N: 0.5  $\mu$ V.  
Adjacent Channel Rejection: 45 dB.  
Audio Power Output: 3 watts (10%  
THD). RF Power Output: 4 watts max.  
Power Requirement: 12-Volt DC  
positive/negative ground. Size:  
2x5 $\frac{5}{8}$ x7 $\frac{1}{2}$ ".

- All Crystals Included • Switchable ANL • S/RF Meter
- Mobile PA and Remote CB Speaker Jacks • Modulation Indicator

Realistic TRC-52. Compare features, then price—you'll see what a great buy it is! The dual conversion receiver's RF gain control assures best reception from both strong and weak signals, and the transmitter has real "get out" power. Switchable ANL eliminates or reduces ignition-type noise. Illuminated meter and channel selector for safe nighttime operation. The meter shows relative incoming and outgoing signal strength. Even has an external-speaker jack for remote monitoring, and an LED modulation indicator. Other features include adjustable squelch control, plug-in dynamic mike, universal mounting bracket that fits most vehicles or boats. Ready to install, with all crystals and power cables. 21-142 ..... 129.95

# When Communications Really Count — Depend on Realistic®

Our Low-Cost, Most Compact  
23-Channel Mobile



NEW FOR 77

99<sup>95</sup>



## Specifications

Sensitivity for 10 dB S+N/N: 0.5  $\mu$ V. Selectivity at -6 dB: 6 kHz. Adjacent Channel Rejection: 50 dB. Audio Power Output: 3 watts (10% THD). RF Power Output: 4 watts max. Power Requirement: 12-volt DC positive or negative ground.

• All Crystals Included

• Only 1½x5¼x7⅞" • Plug-In Mike • ANL

**Realistic TRC-68.** Handsome new styling, plus more features than last year's \$109.95 model. And it mounts easily in practically any vehicle or boat. Silicon transistors in the circuitry provide stable reception and clear, dependable transmission. Its dual conversion receiver really pulls in the signals — even the weak ones. Full-time ANL cuts ignition-type interference. There's adjustable squelch, a lighted rotary channel selector and modulation indicator. With all crystals, plug-in dynamic mike, mike clip, mobile mounting bracket and power cables. 21-168 ..... 99.95



179<sup>95</sup>

## Telephone-Type CB with All 23 Channels Plus ANL and Blanker

- All Crystals Included • Separate Built-in Speaker
- Delta Fine-Tuning • S/R/F Meter with Built-In Modulation Indicator
- Dual Conversion Plus Ceramic Filters for Superb Signal Reception
- Automatic Modulation Gain Circuit for Constant "Talk Power" Without Overmodulation — No Preamplified Mike Required

## Specifications

Sensitivity for 10 dB S+N/N: 0.5  $\mu$ V. Selectivity at -6 dB:  $\pm$ 3 kHz. Adjacent Channel Rejection: 50 dB. Audio Power Output: 3 watts. RF Power Output: 4 watts max. Power Requirement: 12-volts DC positive or negative ground. Size: 5" (max. in front) x 8¾ x 7".

**Realistic TRC-56.** The sharpest and most "you designed" mobile transceiver ever. In fact, we believe it's the best set you can buy of this type. The telephone-type mike and speaker handset help eliminate background noise as you talk. And you can receive messages clearly and privately — even in high-noise locations. A speaker/handset switch lets you listen with handset, regular built-in speaker or both! You can even add an external speaker and use the set as a 4-watt mobile public address amplifier. An RF amplifier pulls in stronger signals and a dual conversion receiver with ceramic filters help screen out interference from heavy CB "traffic". Illuminated channel selector, too. With 4-way mobile mounting bracket, power cables. 21-153 ..... 179.95

## Universal Mounting Bracket



Cab Roof



On Dash



Under Dash



Floor

Get the Most Out of Your CB with Archer® Antennas — See Pages 122, 123

# The Most Unique CB Radio Ever—from Radio Shack®

NEW FOR '77

## The *One-Hander*™

We've Put ALL FUNCTIONS in ONE HAND—It's the Easiest, Safest Operating CB Ever!

149<sup>95</sup>

*Handset Shown Actual Size!  
With Crystals for All 23 Channels!*

Rugged Handset Includes Pushbutton Mike, Speaker, Channel Selector, On-Off, Volume, and Squelch

Red "LED" in Handset Glows When Set is "On" And Lights the Channel Number

Coiled Cord on Handset Extends To 5' — Lets you Mount Rest of Transceiver Out of Sight

Everything's in ONE Hand!



Volume/On-Off  
Variable Squelch  
LED Channel Selector/Pilot Light  
Speaker/Mike

It's Patented, Too . . .  
U.S. Pat. No. 643485

**Realistic® TRC-61.** All the needed controls are built into the microphone for either-hand ONE HAND control of everything. And the rest of the transceiver is so small you can hide it away under the dash or seat, even in the glovebox for theft protection. Built-in full-time "always on" blander and ANL chop out ignition-type noise. Ceramic filtering cuts station interference. There's even a 3-way switch on the component cabinet for its own built-in speaker, handset speaker, or external speaker. With mobile mounting bracket and power cable. 21-161 . . . . . 149.95

### Specifications

Sensitivity for 10 dB S+N/N: 0.5 μV. Selectivity at -6 dB: ±3 kHz. Adjacent Channel Rejection: 60 dB. Audio Power Output: Push-Pull, 4 watts max. RF Power Output: 4 watts max. Power Requirement: 12 VDC positive or negative ground. Remote Mounting Component Cabinet Size: 1½x5¼x7".

Low-Priced CB for Your Second Car, RV, Truck or Boat

6 Channel **79<sup>95</sup>**      3 Channel **59<sup>95</sup>**

Ⓐ **Realistic TRC-11:** An excellent second set for car, pickup, boat, even farm equipment. For business, you can equip a whole fleet economically and stay in "touch" with them using one of our Realistic base stations. And safety-minded drivers find it a tremendous "plus" for avoiding traffic jams, accidents and during emergencies. Includes crystals for Channel 9, the Highway Emergency Locating Plan (HELP) frequency that's monitored day and night by many police stations, service stations, motels and voluntary safety groups all across the nation. Receiver has a ceramic filter to cut noise interference, push-pull audio output for clearest sound from the built-in speaker, switchable ANL to kill ignition-type noise, automatic gain control for really stable reception. There's an external-speaker jack and a pilot lamp that doubles as a modulation indicator light. Just add optional crystals for up to 5 more channels. For 12 VDC neg. gnd. 1½x4¼x6½". With mike, power cable, mounting bracket and hardware. 21-141 . . . . . 79.95

Ⓑ **Realistic TRC-9A.** Economy version of above. Three-channel capacity, built-in "always on" automatic noise limiter. Add crystals for 2 more channels. 1½x4¼x6½". 12 VDC neg. gnd. 21-139 . . . . . 59.95



# Realistic® Base/Mobile Radios for Home or Road

Our Best Selling  
Base/Mobile

## 159<sup>95</sup>

Full 23 Channels with  
All Crystals Included



### Specifications

Sensitivity for 10 dB S+N/N: 0.5  $\mu$ V. Selectivity at -6 dB: 6 kHz. Adjacent Channel Rejection: -55 dB. Audio Power Output: 4 watts (10% THD). RF Power Output: 4 watts max. Power Requirement: 120 VAC or 12 VDC positive or negative ground. Size: 4x11½x9".

Realistic® TRC-30A. A feature-packed base station, with mobile capability, at a low price! Ready to use on any channel, at home or office and in many mobile setups. Features an automatic modulation gain control circuit for maximum signal reach without the need for a preamplified mike. IF filtering and Delta fine-tuning provide superb reception by pulling in weak and off-frequency stations. Has built-in "always on" ANL, up-front speaker, headphone jack, lighted S/RF meter and channel indicator, ON THE AIR and MODULATION lights. Even has a jack for an external 8-ohm speaker. There's push-pull circuitry for excellent audio reproduction and variable squelch control for eliminating background noise between calls. With plug-in dynamic mike, mobile mounting bracket, AC and DC power cords. U.L. listed. 21-143 ..... 159.95

The Finest  
in AM CB

## 229<sup>95</sup>



### Loaded with Convenience for Serious CB'ers

- All Crystals Included
- Switchable ANL and Noise Blanker
- Two Meters

Realistic TRC-55. Step up to CB that'll send your messages farther and "listen" harder. And you can mount it in your car, boat or RV for that trip or vacation. Transmitter features an automatic modulation gain control circuit for maximum signal reach without a preamplified mike. Adjustable RF gain and IF filtering optimize both weak and strong signals plus both ANL and noise blanker cut interference. And there's Delta fine-tuning for zeroing in on off-frequency stations. Add an external speaker and press the PA button—the TRC-55 becomes a PA system and you can still receive CB calls! Digital clock turns on rig at any time you pre-set, with or without a power-on buzzer alarm. SWR calibrate button, squelch, headphone jack, front speaker jack for external CB speaker, ON THE AIR and MODULATION lights. With plug-in mike, mobile mounting bracket, AC and DC power cables. U.L. listed. 21-151 ..... 229.95

### Specifications

Sensitivity for 10 dB S+N/N: 0.5  $\mu$ V. Selectivity at -6 dB: 6 kHz. Adjacent Channel Rejection: 55 dB. Audio Power Output: 4 watts (10% THD). RF Power Output: 4 watts max. Power Requirement: 120 VAC or 12 VDC negative ground (clock operates on AC only). Size: 5x14¾x9".



SWR and  
S/RF Meters



Digital Clock  
And Timer  
With Alarm



Gain Control  
For PA Use



RF Gain  
Control



Automatic Noise  
Limiter and  
Noise Blanker



3-Position  
Delta-Tune

# SSB Offers More Channels, More Power, More Range

If you've been into CB very long, then you probably know what "SSB" means. For those of you who are new or haven't yet heard about SSB, it means "single sideband". It's the latest, most efficient way to communicate on the Citizens Band.

Many serious CB'ers have switched to SSB because it's more flexible than regular CB (AM) transceivers. Besides offering more channels, more power and greater range capability, it's even more dependable than the AM types. This means you can practically count on getting your messages "through" even in large metropolitan areas where channel congestion is greatest.

Basically, here's how single sideband works: In an AM transmission a "carrier" signal is broadcast with a "sideband" signal on each side of it. Both sidebands carry the same voice information. Imagine yourself as the carrier with two loaded grocery carts (sidebands), one on each side of you, as you try to push them down a supermarket aisle. First, you'll need a wide aisle and, secondly, you'll have to divide your strength between the two carts. Now let

one cart go and step behind the other. Suddenly you're using only a third of the aisle, plus you can concentrate all your strength behind the other cart.

In a similar manner, SSB eliminates the carrier and one of the sidebands, putting all its power into the remaining sideband which effectively triples your power over an AM signal. This is why AM radios are rated at 4 watts output power and SSB radios are rated at 12 watts PEP (peak envelope power) output. Naturally, tripling effective power and narrowing the signal makes SSB transceivers reach out farther than the standard AM sets.

Because you can select either the upper or lower sideband, SSB increases the number of available channels. Instead of being limited to a choice of 23 AM channels, you now have an additional 46 sideband channels from which to choose. That's a real plus, especially when the channels are really crowded.

All Realistic SSB transceivers let you operate on either 23 upper sidebands, 23 lower sidebands, or 23 AM channels. They're ideal for the CB'er who wants to "step up" to the ultimate in equipment!

## Our Most Advanced AM/SSB Transceiver with Phase Lock Synthesizer



Base/ Mobile

**399<sup>95</sup>**

Digital "LED" Clock Shows 12-Hour or 24-Hour Time

Bright "LED" Mode Indicators for AM, USB and LSB

Dual SWR and S/RF Power Meters Turn Red on Transmit

Automatic Modulation Gain Control for Maximum Power at All Times

Crystal Lattice Filter in IF Circuit for Superb Selectivity

Digital Phase Lock Circuit for Precise Frequency Accuracy

Automatic Noise Blanker and Limiter Cut Interference

**Our Best — There's Nothing Else in CB Like It**

### Specifications

Sensitivity for 10 dB S+N/N: SSB, 0.125  $\mu$ V; AM, 0.5  $\mu$ V. Adjacent Channel Selectivity at 10 kHz: SSB, -70 dB; AM, -60 dB. IF Rejection: 90 dB. Image Rejection: 50 dB. Clarifier Range:  $\pm$ 1.5 kHz. Audio Output: 6 watts. RF Power Output: 12 watts P.E.P. SSB maximum, 4 watts AM maximum. Power Requirement: 120 VAC or 12 VDC positive or negative ground. Size: 3 $\frac{7}{8}$ x14 $\frac{1}{2}$ x10 $\frac{1}{2}$ " (less legs).

**Realistic® TRC-57.** The rig for dedicated CB'ers. Combines good looks with state-of-the-art circuitry for the best in CB 2-way communications. Has digital phase-locked loop synthesizer for precise frequency accuracy — with  $\frac{1}{10}$  the error of ordinary crystal synthesizers! Super-sensitive receiver has a special crystal lattice IF filter for superb selectivity. RF gain control cuts background interference for clear reception in strong signal areas. Built-in electronic digital LED display clock (operates on AC only). RF/S and SWR meters, public address provision, front panel headphone or external-speaker jack and regulated AC and DC power supplies. Operates from pos. or neg. gnd. DC power. Really rugged, too — ideal for base/marine, RV's or other demanding uses. With push-to-talk dynamic mike and coiled cord, mobile mounting bracket, AC and DC power cords. U.L. listed. 21-157 ..... **399.95**

# Reach Out—With Realistic® AM/SSB CB Transceivers

Remote Volume Control Mike Makes Mobile Operation More Convenient!



## 329<sup>95</sup>

### Feature-Packed Buy in a Base/Mobile AM/SSB

**Realistic® TRC-48.** Get clear performance on 23 AM channels or, when it's tough to get through to another SSB set, switch to one of the 46 upper or lower sidebands on SSB. 12-watt PEP output really puts your message through. Dual IF's and crystal/ceramic filter assure superb selectivity. Built-in Range Boost circuit for greater effective power—no need for preamplified mike. ANL reduces impulse noise on AM and there's an Integrated circuit noise silencer on SSB. A clarifier shifts both transmitter and receiver for NET operation, and a special PA switch lets you use the set as a public address amplifier and still receive CB calls! Glide-Path® controls for RF gain and squelch, lighted rotary channel selector, a S/RF meter that turns red during transmission and pushbutton power On/Off. With all crystals, mobile mounting bracket, AC and DC cables. U.L. listed. 21-150 ..... 329.95

### Specifications

Sensitivity for 10 dB S+N/N: SSB, 0.2  $\mu$ V; AM, 0.5  $\mu$ V. Adjacent Channel Selectivity at 10 kHz: SSB, -100 dB; AM, -60 dB. Clarifier Range:  $\pm 1$  kHz. Audio Output: 4 watts. RF Power Output: 12 watts P.E.P. SSB max., 4 watts AM max. Power Requirement: 120 VAC or 12-volt DC negative ground. Size: 2 $\frac{3}{4}$ x8 $\frac{7}{8}$ x10 $\frac{1}{2}$ ".

## Lowest-Priced AM/SSB Mobile We've Seen with These Features

Full-Time "Always On" ANL Circuit



## 249<sup>95</sup>

### Specifications

Sensitivity for 10 dB S+N/N: SSB, 0.5  $\mu$ V; AM, 1.0  $\mu$ V. Adjacent Channel Selectivity at 10 kHz: SSB, -60 dB; AM, -50 dB. Clarifier Range:  $\pm 1$  kHz. Audio Output: 3.5 watts. RF Power Output: 12 watts P.E.P. SSB max., 4 watts AM max. Power Requirement: 12 volt DC negative gnd. Size: 2 $\frac{1}{8}$ x8 $\frac{1}{8}$ ".

### 12-Watt PEP Output—23 AM Channels 46 SSB Channels

**Realistic TRC-47.** The mobile 2-way radio that really "gets through!" The linear sideband circuit greatly multiplies "talk power" for extended transmitting range on SSB. Frequency synthesizer has all the crystals needed for transmitting and receiving on 23 AM channels plus 23 each on the upper and lower sidebands. The sensitive dual conversion receiver picks up even faint signals and its RF circuit with crystal lattice filter assures superb selectivity. A receive/transmit clarifier allows NET operation. Other features include dual concentric RF gain and volume controls, squelch, ANL to cut impulse noise, modulation indicator lamp, illuminated channel selector. With all crystals, mounting bracket, dynamic plug-in mike with coiled cord, power cables. 21-147 ..... 249.95

Get the Most Out of Your CB with an Archer® Antenna—See Pages 121-124

# 3-Band UHF/VHF Scanning Monitor Receivers\*



FIRE



POLICE

**A** 16 CHANNELS  
**229<sup>95</sup>**

**B** 10 CHANNELS  
**189<sup>95</sup>**

U.S. Pat. No. 3,794,925

new  
FOR 77

**C** 8 CHANNELS **139<sup>95</sup>**



Available Nov. 30, 1976

**All Cover VHF-LO, 30-50 MHz • VHF-Hi, 148-174 MHz • UHF/UHF "T", 450-512 MHz**

## Check These Features

- ✓ Total Interchangeability  
— Put Any Channel on Any Band, UHF or VHF
- ✓ AFC Circuit on UHF Bands
- ✓ 10.7 MHz and 455 kHz Ceramic Filters  
Cut Interference
- ✓ Pushbutton or Switch Channel Lockout Controls  
— With Indicator Lights
- ✓ Jack for Headphones or External Speaker

**A Realistic® PRO-16A.** Hear your police force at work, a fire truck on a mission, Sheriff's department and State police, the National Weather Service, Ham radio operators, highway and railroad communications, plus government services. It seeks and locks-in on each active channel — resumes scanning when conversation ends. Switchable "scan-delay" prevents missed callbacks and each channel can be locked-out if you wish. Variable squelch eliminates "hash" between messages. Manual channel selector button, scan rate control, "Channel-1 Priority" circuit, dual-conversion VHF with triple-conversion on the critical UHF bands, individual channel indicator lights, and built-in speaker. Jacks for tape recording and headphone listening, too. Separate UHF and VHF antenna inputs, and external speaker provision. Sensitivity for 20 dB quieting: better than 1.0  $\mu$ V. With mobile mounting bracket, power cords for 12 VDC neg. gnd. or AC. 3 $\frac{1}{2}$ x9 $\frac{1}{2}$ x10". U.L. listed. Requires up to 16 crystals (below). **20-165** ..... **229.95**

**B Realistic PRO-14.** As above, but 10 channels, and does not include delay lockout, priority circuit or variable scan rate. 2 $\frac{7}{8}$ x7 $\frac{1}{2}$ x10". Requires up to 10 crystals (below). U.L. listed. **20-159** ..... **189.95**

**C Realistic PRO-40.** As PRO-16A above, but 8 channels. Does not include delay lockout, priority circuit or variable scan rate. Dual-conversion circuitry on all bands with single antenna input, no tape-out jack, and for 12 VDC neg. gnd. only. 1 $\frac{1}{2}$ x5 $\frac{1}{4}$ x7", it's the ideal size for mobile use. Requires up to 8 crystals (below). **20-140** ..... **139.95**  
**Crystals. Specify frequency to salesperson** ..... **Each 5.95**

# Patrolman® VHF Car\*/Home Scanning Monitors

RAILROADS



VHF WEATHER



## SCANNER RADIOS: WHAT THEY ARE AND HOW THEY WORK

A scanner is a radio that tunes all kinds of real-life action—police calls, fire calls, mobile telephone messages, Amtrak and freight trains, marine and weather info in many areas, and more. To hear these things, you just buy the crystals for the frequencies you want to monitor, and plug them into your scanner. Our salespeople can help you determine which crystals you'll need. Your scanner will automat-

ically check each channel to see if it is broadcasting. It stops on the active channels until the message is completed, then resumes scanning. You don't miss any of the action! A Realistic scanner can "hear" up to 16 channels, so it's like several radios in one. There are models for home, mobile and portable use. For the best in home reception, we recommend an outdoor antenna. Good Listening!

AMBULANCE



VHF MARINE



▲ VHF-Hi  
148-174 MHz

**119<sup>95</sup>**

U.S. Pat. No.  
3,794,925



▣ VHF-Hi/Lo  
148-174/30-50 MHz

**149<sup>95</sup>**

U.S. Pat. Nos.  
3,794,925  
3,895,303

## Scan the Exciting "Action Airwaves"

▲ **Realistic® PRO-7B.** Wherever you live, work or drive, listen to police and fire emergencies, weather info and more on the VHF-Hi band. Scans up to 8 channels, automatically locks-in on any active channel, then waits for return call. If there's none, scanning resumes. Channel lockout buttons let you bypass unwanted channels. FET/IC circuitry. Squelch control keeps speaker silent between calls. Built-in speaker, lighted channel indicators and headphone/external speaker jack. Sensitivity: 1.0  $\mu$ V for 20 dB quieting. With AC and 12 VDC power cables and mounting bracket. 3x7 $\frac{1}{2}$ x9". Requires up to 8 crystals (below). U.L. listed. 20-173 ..... **119.95**

▣ **Realistic PRO-77A.** As above, but also covers VHF-Lo band from 30-50 MHz—monitor any combination of 8 channels on both bands! Requires up to 8 crystals (below). U.L. listed. 20-172 ..... **149.95**

Crystals. Specify frequency ..... **Each 5.95**

## Check These Features

- ✓ Automatic Scanning of Up to 8 Crystal Controlled Channels
- ✓ Channel Lockout, Skipper and 2-Second Scan Delay Circuits
- ✓ 10.7 MHz and 455 kHz Ceramic Filters Cut Interference
- ✓ Scanning Speed of 10 Channels Per Second
- ✓ 120 VAC or 12 VDC Operation
- ✓ Jack for Headphone Listening or An External Speaker

\*Mobile Use in Some States and Localities May Be Unlawful or Require a Permit—Check with Local Authorities

# Pocketable Realistic® Action Scanners Go Anywhere

## Choose UHF, VHF-Hi or VHF-Hi/Lo Receivers



**119<sup>95</sup>**

**The Features of the Big Ones — Except for Price!**



**119<sup>95</sup>**



**99<sup>95</sup>**

**Realistic PRO Pocket Scanners.** "Know it all" in seconds and stay posted on news-making events happening in your town. Listen to police and fire emergency situations, VHF marine and weather info, freight and Amtrak trains, trucks, more. Each automatically scans 4 channels every second, stops on active channel, waits for return call, then resumes scanning. Skipper-circuit bypasses unwanted channels. Dual conversion receiver, ceramic filters, variable volume and squelch controls, built-in speaker and antenna. Jacks for earphone, external antenna, power and charger. With 4 "AA" cells. Each requires up to 4 crystals. 6½x2½x1½".

<b>A</b> PRO-5, UHF. 450-470 MHz. 20-169	119.95
<b>B</b> PRO-6, VHF-Hi/Lo. 30-50 and 148-174 MHz. 20-171	119.95
<b>C</b> PRO-4A, VHF-Hi. 148-174 MHz. 20-174	99.95
VHF-Hi Flexible Plug-In Antenna. 20-178	4.95
UHF Flexible Plug-In Antenna. 20-179	4.95
VHF-Hi/Lo Flexible Plug-In Antenna. 20-186	6.95
*12 VDC Adapter. Plugs into positive or negative ground vehicle lighter socket. 270-1561	8.95
AC Adapter/Battery Charger. U.L. listed.	20-189
Coax Cable Adapter. 278-197	1.49



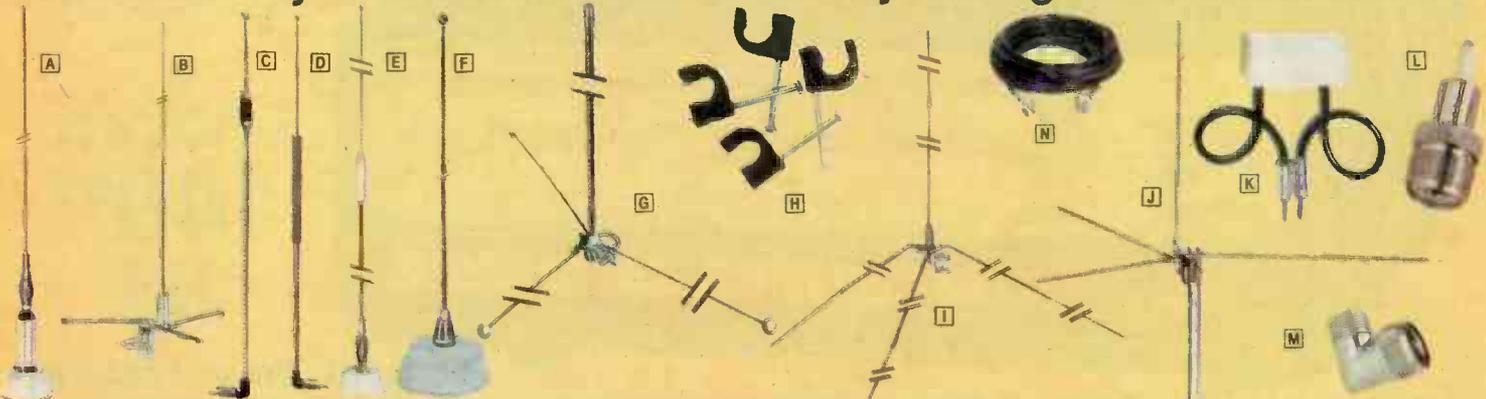
**Clips to Your Belt**

**Fits Your Shirt Pocket**



**Easy-Access Crystal Compartment With Slide-Open Door**

## Don't Miss Any of the Action! Hear it ALL by Adding Archer Accessories



- A** VHF-Hi No-Hole Trunk Mount Mobile Antenna. Gain-type for 140-174 MHz. Installs on trunk lid without drilling — easily, quickly. With 16-ft. cable. 20-180 ..... 19.95
- B** VHF-Hi Ground Plane Base Antenna. Gain-type for 140-174 MHz. Vertical element and 3 radials for high signal-pulling power. Accepts PL-259 connector. Less cable. 20-181 ..... 19.95
- C** Indoor VHF-Hi/Lo Plug-In Antenna. Economical, efficient base station antenna. Whip extends 16-40". Center-loaded, self-supporting. Motorola-type plug. 20-161 ..... 8.99
- D** Indoor UHF Plug-In Antenna. For base station. 20½" long. Motorola-type plug. 20-451 ..... 8.99
- E** VHF-Hi/Lo, UHF No-Hole Trunk Mount Mobile Antenna. For greater signal-pulling power. Stainless steel whip. Motorola-type plug. With 16-ft. cable. 20-017 ..... 17.95
- F** VHF-Hi, UHF No-Hole Trunk Mount Mobile Antenna. Mounts in minutes. Covers 130-512 MHz. With 16-ft. shielded cable. 20-177 ..... 13.95
- G** VHF-Hi, UHF Ground Plane Base Antenna. Covers 152-512 MHz. Vertical element and 3 radials. Accepts PL-259 connector. Less cable. 20-176 ..... 9.95
- H** Coax Clips. Nail to wall, keep cable in place. For RG58/U Cable. 20-192 ..... 10 for 99¢ For RG8/U Cable. 20-193 ..... 6 for 99¢
- I** VHF-Hi/Lo Ground Plane Antenna. High efficiency. 2-section vertical radiator, matching transformer for real signal-pulling power. With mounting bracket. Accepts PL-259 connector. Less cable. 20-015 ..... 23.95
- J** VHF-Hi, CB Ground Plane Antenna. Covers 25-50 MHz. Three 108" quarter-wave radials, vertical quarter-wave element. Accepts PL-259 connector. Less cable. 21-901 ..... 12.95
- K** VHF/UHF Signal Splitter/Combiner. For indoor, outdoor or mobile use. Splits antenna signal into separate outputs for VHF and UHF. Motorola-type input jack and output plugs. With two 10' cables, mounting hardware. 20-191 ..... 7.50
- L** Coax Adapting Connector. Adapts standard VHF PL-259 connector to Motorola-type plug. Push/screw-on lock. 278-208 ..... 1.59
- M** M-359 Right-Angle Connector. Standard UHF-type for monitor, CB and Ham equipment. Push/screw-on lock. 278-199 ..... 1.99
- N** Base Station Coax Cable Assemblies. 52-ohm polyfoam dielectric cable with PL-259 connectors factory installed on each end. 50' RG58/U. 278-971 ..... 8.95 50' RG8/U. 278-970 ..... 12.95 100' RG8/U. 278-972 ..... 24.95

# Radio Shack® Can Expand Your Listening Horizons



## 159<sup>95</sup> 5-Band Communications Receiver – A World of Listening Enjoyment!

Realistic® DX-160. Big, exciting, professional — a "hot" performer! Hear marine, aviation, weather and more on long wave. Tune in shortwave programs and news from major cities around the globe. Get Hams and CB operators, WWV time signals, plus AM stations. Full coverage from 150 kHz to 30 MHz! A product detector and variable BFO assure superior SSB and CW reception, too. There are 11 front-panel controls, including electrical bandspread tuning and a logging scale that's calibrated for Ham/CB reception (instruction manual includes a conversion chart for shortwave bands). Reception is superb, with FET's in all critical stages, Zener stabilization, noise-limiting in IF and audio stages. Illuminated "S" meter and headphone jack. Receiver, 6½x14¼x9¼". Matching speaker, 7x3½x5½". For 120 VAC or 12 VDC negative ground. U.L. listed. 20-152 ..... 159.95

150 to 400 kHz Longwave  
535 to 1600 kHz AM Band  
1.5 to 4.5 MHz Shortwave  
4.5 to 13 MHz Shortwave  
13 to 30 MHz Ham and CB

### Ideal for Sportscar Rallyists

Sliding Time Scale  
Converts Universal Time  
To Your Own Local Time



## TIMEKUBE® A Radio That's a Clock!

# 31<sup>95</sup>

Receives WWV  
Time Broadcasts  
Controlled by the  
National Bureau of  
Standard's Atomic  
Clock — The Most  
Precise Timepiece  
In the World!

Available Jan. 15, 1977

TIMEKUBE puts the time — within 20 billionths of a second per day — at your fingertips. Three crystal-controlled frequencies are pre-tuned to 5, 10 and 15 MHz — just push the button that gets the strongest signal. Features Play-Bar for instant-on/off, volume control, 10-section 41" telescoping antenna, ground and external-antenna terminals. Great for SWL's, Hams, astronomers, Jewelers, engineers — anyone who needs the EXACT time. Simulated rosewood finish. With crystals, 9V battery, manual. 3½x4½x3½". WWV Version. 12-159 ..... 31.95  
CHV Version (Available in Northeastern USA and Canada Only). 12-158 ..... 31.95

## SWL and Code Practice Accessories

### Shortwave Antenna Kit



Deluxe kit includes everything for signal-pulling power. 75' copper antenna wire, 50' lead-in wire, insulators and complete instructions. 278-758 ... 5.95

### Monophonic Headphones



Soft earcushions and plastic headband make listening comfortable. Standard ¼" phone plug; 8-ohms impedance. 279-200 ..... 6.95

### Hand Keys and Oscillator



Ⓐ Code Oscillator Module. Fully wired — just connect to key, PM speaker. Requires 1½-volt battery. With instructions. 20-1155 ..... 1.99  
Ⓑ Beginner's Hand Key. Perfect for practice. Finely balanced adjustable contacts. 20-1085 ..... 1.59  
Ⓒ Morse Code Practice Set. Includes buzzer, adjustable spring and contacts, headphone jack. Requires one "D" cell. 20-1087 ..... 3.89  
Ⓓ High-Speed, Brass Hand Key. Adjustable spring tension and contacts for full control. Smooth ball-bearing pivots. For novices as well as "pros." 20-1084 ..... 3.99

# The Latest in Realistic® Clock Radios



Available Oct. 30, 1976

NEW FOR 77

## Deluxe LED Digital Readout



LED Display  
Counts Seconds – **59<sup>95</sup>**  
It's a Timer, Too

### Fast and Slow 24-Hour Alarm and Clock Set

**Chronomatic®-203.** Wake to tone alarm, AM or FM. Pushbuttons for dim/bright readout, seconds display, slow set, sleep and snooze. AM/PM indicator. Sliding tone and volume controls, lighted dial, 3½" speaker, AFC and ceramic filter on FM, earphone jack. Accepts external FM antenna. 3½x11¾x6". U.L. listed. **12-1503 ..... 59.95**

## Modern-Look LED Digital

NEW FOR 77

**49<sup>95</sup>**

Always-On  
LED Clock  
Display



### Fast and Slow 24-Hour Alarm and Clock Set

**Chronomatic-204.** Display even counts seconds! Wakes you to AM, FM or alarm. LED dimmer switch, sleep and snooze buttons, LED PM indicator, "wake" light. Lighted slide-rule dial, 3" speaker, AFC, ceramic FM filter, earphone jack. Accepts external FM antenna. 3½x10½x5½". U.L. listed. **12-1505 ..... 49.95**



Available Oct. 30, 1976



Available Oct. 30, 1976

## "Electronic-Look" Digital Readout

**54<sup>95</sup>**

- Set "Sleep" Switch for Up to 3 Hours
- Wake Indicator Light

**Chronomatic-202.** Big 1" segmented and illuminated digital display has dim/bright control. 12-hour alarm wakes you to FM, AM or buzzer. Snooze button lets you "sleep in". Sliding tone and volume controls, lighted slide-rule dial, 3½" speaker, AFC and ceramic filter on FM, earphone jack. Simulated walnut grain finish. 4½x12½x6¼". U.L. listed. **12-1504 ..... 54.95**



Compact, Contemporary  
Styling Blends in with Any  
Decor

AM  
**23<sup>95</sup>**

NEW FOR 77

## Low-Priced Standard Clock Radios

Both with Lighted  
Telechron Clocks

NEW FOR 77



AM/FM  
**34<sup>95</sup>**

Modern Low-Profile Case  
Fits on Any Night Table

**Chronomatic-8.** Budget-priced AM clock radio wakes you to music or buzzer alarm. "Sleep" switch lets you drift off to sleep to music—radio will turn off automatically in 0 to 60 minutes. "Snooze" setting lets you catch a few extra winks in the morning. 3" speaker, earphone jack. Cabinet has simulated walnut grain finish. 3½x10x5¼". U.L. listed. **12-1460 ..... 23.95**

**Chronomatic-9.** Our lowest-priced AM/FM clock radio but there's nothing "ordinary" about it! Wakes you to either radio or 12-hour buzzer alarm. Features sleep switch, snooze bar. Radio has slide-rule dial, 3" speaker, AFC and a ceramic filter on FM, earphone jack for private listening. Molded cabinet with simulated walnut grain finish. 3½x10x5¼". U.L. listed. **12-1461 ..... 34.95**

# Feature-Packed Digitals

Realistic® digital clock radios on this page feature easy-to-read illuminated flip-type numerals, snooze bars to let you "catnap" in the morning, sleep switches so you can drift off to sleep, 24-hour wake-up settings and revolving clock-on indicators.

**AM/FM Stereo with Superb Sound**

**69<sup>95</sup>**

- Twin Side-Mounted 3" Speakers
- HI-Low Tone Switch

**Chronomatic®-112.** Wake to FM stereo, FM or AM. Radio features on-off-auto switch for all-day listening, FM stereo-mono selector, volume and stereo balance controls, lighted slide-rule dial with stereo indicator light, AFC, dual ceramic FM filters, 1/4" stereo headphone jack. Terminals for external FM antenna. Attractive walnut grain finish on top. 4x12<sup>3</sup>/<sub>4</sub>x6<sup>1</sup>/<sub>2</sub>". U.L. listed.

12-1499 ..... 69.95



**"Modular-Look" AM/FM Clock Radio**

Unique "Wrap-Around" Dial Cover

**49<sup>95</sup>**

**Chronomatic-110.** Streamlined styling that'll be "fresh" for years to come. Wakes you to FM, AM or buzzer alarm. Radio features slide-rule dial, big 3<sup>1</sup>/<sub>2</sub>" speaker, end-mounted tuning and volume controls, AFC and a ceramic filter on FM, earphone jack. Contemporary white case with smoke-tinted front. 4<sup>1</sup>/<sub>2</sub>x12x6<sup>1</sup>/<sub>2</sub>". U.L. listed. 12-1501 ..... 49.95

**Our Long-Time AM/FM Best Seller**

**49<sup>95</sup>**

*Combines Classic Styling with Advanced Features*

**Chronomatic-104.** Start your day with a musical wake-up call — or wake to the buzzer alarm. Radio has on-off and auto-manual pushbuttons for all-day listening, lighted slide-rule dial, 3<sup>1</sup>/<sub>2</sub>" speaker, AFC and ceramic filter for great-sounding FM, earphone jack. Terminals for external FM antenna. Simulated walnut grain finish. 4<sup>1</sup>/<sub>2</sub>x13<sup>1</sup>/<sub>2</sub>x5<sup>3</sup>/<sub>4</sub>". U.L. listed. 12-1494 ..... 49.95



**Low-Profile "Mini" With Radio Alarm**

**39<sup>95</sup>**

*3-Hour Sleep Switch with Automatic Shutoff*

**Chronomatic-106.** Wake to AM news or sports or to soothing FM music. Radio has on-off-auto switch for all-day listening, lighted slide-rule dial, 3<sup>1</sup>/<sub>2</sub>" speaker, AFC and a ceramic filter on FM, earphone jack. Simulated walnut grain finish. 3<sup>3</sup>/<sub>4</sub>x10<sup>7</sup>/<sub>8</sub>x4<sup>7</sup>/<sub>8</sub>". U.L. listed. 12-1496 ..... 39.95

**Budget-Priced Radio With Deluxe Features**

**37<sup>95</sup>**

*Ceramic Filter for Superior FM Reception*

**Chronomatic-113.** And you thought you couldn't afford a digital clock radio! Wakes you to FM, AM or buzzer. Stylish radio features AFC, 3" speaker, earphone jack for private listening. Styling blends with any decor. 3<sup>3</sup>/<sub>4</sub>x10<sup>1</sup>/<sub>2</sub>x6". U.L. listed.

12-1506 ..... 37.95 Available Oct. 30, 1976



Get It "On Credit" at Radio Shack — Mastercharge and BankAmericard Honored at Participating Stores 139

# 3-Pc. Compact Stereo Systems at Low '77 Prices



## Our Finest AM/FM Stereo/8-Track Superb Sound and Style

New Low Price!

**119<sup>95</sup>**

- Air-Suspension Speaker Systems
- Separate Bass and Treble Controls
- Quatravox® for Synthesized 4-Channel
- Add On a Changer Anytime

**Realistic Modulaire®-8.** Was \$139.95 in 1976 Cat. Many of the advantages of separate components—but at a much lower price. Receiver features a stereo indicator, AFC to prevent FM drift, blackout dial, built-in antennas, terminals for external FM antenna. Tape player has automatic or pushbutton program change with indicator lights. Ceramic-cartridge phono input, headphone jack, recording outputs. And with Quatravox, you get 4-channel effects from stereo just by adding two extra speakers! Attractive walnut grained vinyl veneer finish. 4<sup>3</sup>/<sub>8</sub>x17<sup>3</sup>/<sub>8</sub>x10". Speakers, 10<sup>1</sup>/<sub>4</sub>x8x6<sup>1</sup>/<sub>4</sub>". U.L. listed. 12-1404 ..... **119.95**



## AM/FM Stereo/8-Track on a Budget

New  
Low  
Price!

**99<sup>95</sup>**

- Tone and Balance Controls
- Phono and Stereo Headphone Jacks
- Quatravox® for Synthesized 4-Channel

**Realistic Modulette®-8.** Was \$109.95 in 1976 Cat. Everything you need for spacious stereo sound—and you can add two extra speakers for the added realism of 4-channel effects. Features built-in AFC to lock-in FM stations, stereo indicator light, pushbutton power on-off, built-in antennas and terminals for an external FM antenna. The tape player changes programs automatically or you can change them instantly with a pushbutton. Program indicator lights, too. Walnut grained vinyl veneer. 4<sup>3</sup>/<sub>8</sub>x18<sup>1</sup>/<sub>4</sub>x10". Speakers, 10x8<sup>1</sup>/<sub>4</sub>x5". U.L. listed. 12-1402 ..... **99.95**



## AM/FM Stereo Receiver System With Inputs for Changer or Tape Player

New  
Low  
Price!

**79<sup>95</sup>**

- Compact Size for Shelf or Table
- Quatravox Lets You Add 2 Extra Speakers for 4-Channel Effects
- Tone Control • Headphone Jack

**Realistic Modulette.** Was \$89.95 in 1976 Catalog. Add vibrant stereo to any room. Sensitive tuner provides strong, clear reception. Features pushbutton power on/off, separate volume, balance and tone controls, FM stereo indicator, built-in antennas, inputs for external FM antenna. Jacks let you add a ceramic-cartridge changer or a tape deck anytime for a complete system. Attractive walnut grained vinyl veneer cabinetry. 4<sup>3</sup>/<sub>8</sub>x15<sup>3</sup>/<sub>8</sub>x10<sup>1</sup>/<sub>2</sub>". Speakers, 10x8<sup>1</sup>/<sub>4</sub>x5". U.L. listed. 12-1401 ..... **79.95**

# Top Off Your Table with Realistic® Sound

NEW FOR 77

## AM/FM Stereo Table Radio

Available Oct. 30, 1976



49<sup>95</sup>

Twin 4" Speakers for Great Sounding Stereo

- Tone Control • Built-In AFC for No-Drift FM
- Ceramic Filter for Superb FM Even in Urban Areas

**Realistic Concertmate®.** Spacious stereo sound from a compact table radio. FM-RF amplifier and ceramic filtering assure good station-pulling power plus maximum freedom from interference. Separate balance, full-range tone and volume controls, large slide-rule dial with logging scale, convenient side-mounted tuning knob, FM stereo indicator light, built-in antennas, plus terminals for an external FM antenna. Molded cabinet with walnut vinyl veneer top and trim, brushed metal accent on front, convex smoke-tinted dial cover. 4½x13x6". U.L. listed. 12-685 ..... 49.95

## "Wide-Scope" FM Stereo/AM Portable



69<sup>95</sup>

- Two 3¾" Dynamic Speakers
- Hi/Low Tone Switch
- Stereo Headphone Jack

**Realistic Concertmate® Portable.** True stereo in a one-piece take-along radio. Exclusive Wide-Scope expands the sound for enhanced stereo realism. Big 3¾" speakers, Glide-Path® sliding volume/balance controls, stereo/mono switch, ¼" stereo headphone jack for private listening, slide-rule dial. Built-in AM and telescoping FM antennas, lift-up handle. Aux inputs let you plug in a ceramic-cartridge changer or a tape player anytime. 7¾x12¼x3½". With AC cord. U.L. listed. Requires 6 "D" cells. 12-654 ..... 69.95



4 Tuned IF Stages and Ceramic Filter Cut Interference

## Deluxe Compact AM/FM Table Radio

39<sup>95</sup>

**Realistic MTA-7.** Big 4" speaker in acoustically sealed cabinet for full-range audio. Integrated circuit (IC) for cleaner sound, greater reliability. Continuous tone control, built-in AFC, built-in antennas. Accepts external FM antenna. Pressed-wood cabinet with walnut grained vinyl veneer. 6½x10½x3½". U.L. listed. 12-684 ..... 39.95

## AM/FM Deskube® Radio



NEW FOR 77

21<sup>95</sup>

Available Oct. 15, 1976



Tuning Controls Hidden Underneath

### Press Play Bar for Instant Pre-Set Music

Neatest idea in AM/FM listening yet! Pre-set your two favorite stations (one AM, one FM) just once, then press the Play Bar for instant on or off. Top-mounted speaker, built-in AM and telescoping FM antennas, Rosewood vinyl veneer. 4¼x5½x3¾". With 9V battery. 12-184 ..... 21.95

AC Adapter. U.L. listed. 65-731 ..... 4.95

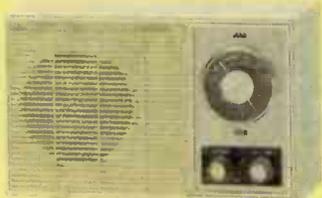


AM 13<sup>95</sup>

**AM Radio.** Small price, big sound. Circular dial, high-impact case, brushed aluminum panel. Built-in antenna. 5½x8¾x4". U.L. listed. 12-682 ..... 13.95

## Great Little Companions

- For Kitchen, Den, Dorm, Shop, Garage
- Big 3½" Speakers



AM/FM 23<sup>95</sup>

**AM/FM Radio.** Same as AM radio, plus FM with built-in AFC and antenna for clear drift-free sound. 5½x8¾x4". U.L. listed. 12-683 ..... 23.95

Charge and Time-Pay Plans Available at Most Radio Shack Stores

# Hear News as It Happens — Patrolman® Portables



## 6-Band — Includes EVERY POLICE BAND

**UHF • VHF-Hi/Lo • Aviation • AM • FM**

• All-Band Fine-Tuning • AFC on FM

**99<sup>95</sup>**

**Patrolman-6.** Hear police and other emergency service calls, 24-hour National Weather Service info, cabs, trains, trucks, even aircraft and local airports. And what features! Big 4" speaker, 1/4" headphone jack, squelch, dial light button, telescoping UHF and VHF/FM antennas and external-antenna jack. Automatic AC-to-battery switching. Bands: 450-512 MHz UHF; 144-174 MHz VHF-Hi; 108-135 MHz Aviation; 30-50 MHz VHF-Lo; FM; AM. 11 1/4 x 10 1/2 x 4". With AC cord. U.L. listed. Requires 4 "C" cells. 12-750 ..... 99.95

## 5-Bands of Non-Stop Action

**UHF • VHF-Hi/Lo • FM • AM**

Squelch and Tone Controls

**79<sup>95</sup>**

**Patrolman-5.** Get in on the excitement — listen to police, weather, trains, planes, AM and FM, too. Features a ceramic filter, triple-conversion UHF, lighted band indicators, 3 1/2" speaker, dual telescoping antennas, jacks for external antenna and earphone. Bands: 450-512 MHz UHF; 147-174 MHz VHF-Hi; 30-50 MHz VHF-Lo; AM; FM. 6 1/2 x 9 x 2 3/4". With AC cord. U.L. listed. Requires 4 "C" cells. 12-773 ..... 79.95



## 3-Bands of Excitement and High Performance

**59<sup>95</sup>**



**UHF • VHF-Hi  
And AM**

- 5 Tuned UHF/VHF IF Stages for Super Station-Pulling Power
- "Rolled-Film"-Type Dial
- 3 1/2" Speaker

**Patrolman-3.** Hear action-packed police, fire, radio telephone and 24-hour National Weather Service reports, plus AM. Squelch control silences static between VHF or UHF calls. And there's a 1/4" headphone jack, telescoping swivel-antenna for VHF, built-in UHF/AM antenna and AC/battery switch. Bands: 450-512 MHz UHF; 144-174 MHz VHF-Hi; AM. With AC cord. 8 1/2 x 6 1/2 x 2 3/4". U.L. listed. Requires 4 "C" cells. 12-757 ..... 59.95

## 4-Bands of Action — on a Budget

**NEW FOR 77**

**59<sup>95</sup>**



**Hi/Lo VHF  
AM and FM**

- Switchable AFC on FM
- Sliding Volume and Tone Controls
- 1/4" Headphone Jack



Available Oct. 15, 1976

**Patrolman-4.** Tunes everything broadcast over both VHF police/public service bands, National Weather Service weathercasts, AM and FM. Adjustable squelch for "silent standby" VHF monitoring. 3" speaker. Built-in AM, telescoping VHF/FM antennas and jack for external antenna, plus AC/battery switch. Bands: 144-174 MHz VHF-Hi; 30-50 MHz VHF-Lo; FM; AM. 10 3/4 x 7 7/8 x 4 1/8". With AC cord. U.L. listed. Requires 4 "C" cells. 12-748 ..... 59.95

# Tune In All The Realistic® Radio Excitement!

## Action-Packed Pocket Portables

AM and VHF-Hi  
Police Band

**17<sup>95</sup>** Monitor  
Police and  
VHF Weather

Patrolman® Mini. Covers the 24-hour police and National Weather Service action on 147-174 MHz. And it's a great AM portable, too. Side-mounted volume and tuning for one-hand operation. Telescoping VHF, built-in AM antennas. Only 4½x2¾x1¾". With earphone, strap, 9V battery. 12-607 ..... 17.95



VHF Aircraft  
and AM Bands

Listen to  
Planes and  
Towers "Talk"

**17<sup>95</sup>**

Jetstream® Mini. Tune in local plane/control tower conversations on 108-135 MHz — or dial an AM station for the latest music and news. Volume and tuning controls are side-mounted for one-hand operation. Telescoping VHF and built-in AM antennas. Only 4½x2¾x1¾". Complete with earphone, carry strap, 9V battery. 12-608 ..... 17.95



## Our Best Multi-Band Portable Radio

Hear It  
As It  
Happens —  
on Any of  
9 Bands!



- All-Band Fine-Tuning
- Squelch
- 4" Speaker
- BFO for Code and SSB



UHF•VHF-Hi/Lo•Aviation•Marine  
FM•AM•Two Shortwave Bands

**149<sup>95</sup>**

Patrolman-9. Sensational station-getting power and selection. Hear Hams, foreign broadcasts, weathercasts, police, planes, trains—listen to it all! AFC on FM, battery/tuning meter, ¼" headphone jack, squelch on UHF/VHF, dial light, built-in antennas and VHF antenna jack. Instantly switches to batteries if AC fails. Bands: 450-470 MHz UHF; 147-174 MHz VHF-Hi; 108-135 MHz Aviation; 30-50 MHz VHF-Lo; 4-12 and 12-22 MHz Shortwave; 1.6-4 MHz Marine; FM; AM. 11½x12½x3¾". With AC cord, 4 "C" cells. U.L. listed. 12-759 ..... 149.95

## 5-Bands of Exciting Listening

new  
FOR 77

**69<sup>95</sup>**

VHF-Hi•Aviation  
Shortwave•AM•FM

Squelch, Tone Controls

Astronaut-5. Get foreign stations, police, weather, local planes, AM, FM and more. Fine-tuning on SW and AM, squelch for quiet VHF tuning, AFC on FM, 3½" speaker and jacks for headphone, external antennas. Swiveling/telescoping FM/VHF and built-in AM/SW antennas. Bands: 144-174 MHz VHF-Hi; 108-135 MHz Aviation; 6-18 MHz SW; FM; AM. 10¼x7⅞x4¼". With AC cord. Requires 4 "C" cells. U.L. listed. 12-771 ..... 69.95



new  
FOR 77

Now Anyone  
Can Afford  
Shortwave

**49<sup>95</sup>**

SW-1•SW-2  
AM•FM



- 3½" Speaker • SW Fine-Tuning • Pushbutton Band Selectors

Realistic DX-40. Deluxe 4-band portable brings you the foreign news as it happens from two international shortwave bands — and you can listen to ships, Hams and more. Hear AM and FM, too. Sliding volume and tone controls, telescoping SW/FM and built-in AM antennas, external antenna jack and earphone. Automatic AC-to-battery switching. Bands: 4-12 MHz SW-1; 12-22 MHz SW-2; AM; FM. 12x7⅞x3¾". With AC cord. U.L. listed. Requires 4 "C" cells. 12-775 ..... 49.95



# Realistic® AM/FM Portables: Better, Inside and Out

## Deluxe AM/FM Compact Portable

**Fits Pocket Or Purse!**

**19<sup>95</sup>**

Features high/low tone switch, FM-RF amplifier and a ceramic filter for fine-sounding FM. 2½" speaker, built-in AFC, slide-rule dial, side-mounted tuning and on-off/volume thumbwheels, telescoping FM and built-in AM antennas. Attractive metal finish. 5¼x3¾x1½". With 9V battery, earphone, wrist strap. 12-662 . . . . 19.95



## Deluxe AM/FM Portable Has BIG Features

**Automatically Switches to Batteries if AC Power Fails**

**39<sup>95</sup>**



A highly sensitive circuit and two ceramic filters give it superb station-pulling power and clarity. Also has a big 3½" speaker, switchable AFC, linear sliding-type volume and tone controls, slide-rule dial, ferrite bar AM and telescoping FM antennas. 5½x10½x3". With earphone, AC cord. U.L. listed. Requires 4 "C" cells. 12-665 . . . . . 39.95

## Bargain-Priced AM/FM Compact Portable

**34<sup>95</sup>**

• 3" Speaker for Full Sound

At home or on-the-go you'll get clear reception of music, sports and news on your favorite AM or FM station. Battery or AC powered so you can take it anywhere. Linear sliding volume and tone controls, telescoping antenna, easy-to-read slide-rule dial. 8x9¼x2½". With earphone, AC cord. U.L. listed. Requires 4 "C" cells. 12-666 . . . . . 34.95



## Mini-Sized AM/FM Portable

**Earphone For Private Listening**

**16<sup>95</sup>**

"Skinny mini" radio has two ceramic filters for outstanding FM. 2½" speaker, telescoping FM and built-in AM antennas, side-mounted controls. Only 4½x2½x1½". With 9V battery, wrist strap. 12-609 . . . . . 16.95



## AM/FM on a Budget

**Side-Mounted Tuning and Volume Controls**

**14<sup>95</sup>**

Low-cost portable features slide-rule tuning, 2½" speaker, built-in AM and telescoping FM antennas. Smart ruggedized case. 4½x1½x3¾x1½". With 9V battery, earphone, carry strap. 12-635 . . . . . 14.95



## "Personal Size" AM/FM Portables

**24<sup>95</sup> Each**

Sharp-looking AC or battery-powered portables feature a ceramic FM filter to cut interference and 3" speaker for rich sound. Also have linear sliding volume controls, high/low tone switch, built-in AFC for drift-free FM. Ferrite bar AM and telescoping FM antennas. 6¾x8x2½". With earphone, AC cord. U.L. listed. Requires 6 "AA" cells. Black. 12-663 . . . . . 24.95 Red and White. 12-664 . . . . . 24.95



# Special-Purpose Portables and Pocket Radios

## Portavision® AM/FM/VHF-TV Audio Portable

Now You Can Hear Your Favorite  
TV Programs Anywhere

NEW  
FOR 77

Available Nov. 15, 1976

# 39<sup>95</sup>

Don't miss exciting shows just because you can't stick by the TV. Tote along VHF-TV sound, plus AM and FM, on picnics, to work, sports events, to any room while you work around the house. Plays on ordinary house current or batteries. "Day-Glo" pointer indicates which channel you are receiving. Individually tuned stages for each band, FM/TV ceramic filter, RF amplifier, band selector knob, 3" speaker, telescoping antenna, external-speaker jack. Bands: 54-88 MHz VHF TV-Low (channels 2-6); 174-216 MHz VHF TV-Hi (channels 7-13); FM; AM. Molded case, 6x9½x2¾". With earphone, AC cord. U.L. listed. Requires 4 "C" cells. 12-669 ..... 39.95



Hear Soap Operas, Sports, News,  
Talk Shows, Election Results — Any "Must-See" Show!



## "Long-Range" AM Portable



# 29<sup>95</sup>

Tuned FET-RF  
Amplifier with  
3-Ganged Capacitor

Highly sensitive circuitry pulls in stations from everywhere — ideal when you're out in remote areas. Sliding volume and tone controls, 3" speaker, automatic AC/battery switching, external-antenna jack. 7½x9¼x2¾". With earphone, AC cord. U.L. listed. Requires 4 "C" cells. 12-655 ..... 29.95

## Deluxe AM Pocket Portable



Pinpoint Rotary Tuning

# 8<sup>95</sup>

Our finest pocketable portable is handsomely styled with a window-type dial, side-mounted thumbwheel tuning for easy one-hand operation. Brushed metal front panel. 4½x2½x1½". With wrist strap, earphone for private listening, 9V battery. 12-168 ..... 8.95

## Budget-Priced AM "Mini" Pocket Radio

Your Choice of  
Black or Red **7<sup>95</sup>**

Easy on the eyes, ears, budget! Only 2½x4½x1½" — fits easily into pocket or purse. Features a slide-rule dial with logging scale, top-mounted tuning and on-off/volume controls, handy wrist strap. Black or red with brushed aluminum trim. With 9V battery.

Black. 12-171 ..... 7.95  
Red. 12-172 ..... 7.95



Smart Styling You  
Can Carry Anywhere

## Low-Cost AM Pocket Radio

Makes an Ideal  
"Extra" Portable **5<sup>95</sup>**

Palm-sized, yet has excellent sound quality thanks to push-pull audio and transformerless input and output. Convenient one-hand thumbwheel tuning. Rugged molded case, 4¼x2¾x1¼". With 9V battery and earphone for private listening. 12-167 ..... 5.95



## FLAVORADIOS® in 6 Colors

# 6<sup>95</sup>

Each  
Pocketable  
Personal Portables

The palm-sized AM portables that lend a special "flavor" to any setting! Slim 'n modern shape so they slip easily into your pocket or purse, or add a splash of color when carried by the handy wrist strap. Thumbwheel tuning controls. 3½x2¾x1½". With 9V battery and earphone. 12-166 ..... Each 6.95



Lemon

Pistachio Plum Strawberry Orange Blueberry

# Novelty Radios Just for Fun at Radio Shack®

## Archer Road Patrol® Bike Radios



AM/FM  
**29<sup>95</sup>**

Enjoy clear AM or FM while you ride, or disconnect for portable or indoor use. Reconnects instantly — bracket stays on bike. Cylindrical dial for easy tuning. With 4 "AA" cells, external FM wire antenna. 2½x6¾x2½". 12-195 ..... 29.95  
AC Adapter. U.L. listed. 14-854 ..... 5.95

- Fits Any Handlebar
- Detaches for Off-Bike Use



## Archer® AM/FM Headset Radio

**29<sup>95</sup>**

Tops for walking, jogging, working, listening to ball games as you watch them! Padded earcushions reduce outside noise. Rotary thumbwheel tuning. Antenna in adjustable, padded headband. With 9V battery. 12-192 ..... 29.95



Ideal for Sporting Events

## Deluxe AM



Built-In Horn and 3" Reflector  
**15<sup>95</sup>**

Never ride "alone" again! Fits any handlebar, disconnects and reconnects instantly — bracket stays on bike. Built-in antenna, weatherized case. 3x4¾x2½". Requires 3 "C" cells. 12-193 ..... 15.95

## Budget AM



**9<sup>95</sup>**

Fits any handlebar, removes easily for off-bike use. Easy-to-tune dial, earphone jack, built-in antenna, weatherized case. 4x5x3½". With 9V battery. 12-196 ... 9.95

## Archer AM Headset Radio

Great for Yard Work, Cycling, Sports

**16<sup>95</sup>**

Full-sounding, dual-speaker AM that'll go to your head! Foam padded earcushions seal out noise. Antenna is in the adjustable headband. Side-mounted rotary tuning, on-off/volume controls. With 9V battery. 12-191 ..... 16.95



Pekingese

## Soft 'n Cuddly "Pettable" Portables

Each Has an AM Radio Tucked Inside

Low As  
**9<sup>95</sup>**

Controls can be operated without removing radio — so safe, little ones can take 'em to bed! Each requires 9V battery.

NEW FOR 77

NEW FOR 77

Pekingese. 12-967 ..... 10.95  
Raccoon. 12-971 ..... 12.95  
White Terrier. 12-977 ..... 10.95  
Sitting Poodle. 12-976 ..... 9.95  
Country Mouse. 12-975 ..... 12.95



White Terrier

Country Mouse

Sitting Poodle



## French Phone AM Radio

**19<sup>95</sup>**

NEW FOR 77

"La Belle Française" looks real — receiver actually lifts off cradle, speaker is in "dial." Intricate "gold filigree" and ivory-colored case, 3x5½x4¼". 7¼" total height. With 9V battery. 12-962 ..... 19.95



## Rolls Royce AM Car Radio

**19<sup>95</sup>**

A detailed replica of the classic 1931 "Phantom II" convertible with an AM radio and antenna hidden inside. The 2 "spare tires" are tuning and volume controls. 3¼x10x3¼". Steel and plastic construction. With 9V battery. 12-961 ..... 19.95



Charge and Time-Pay Plans Available at Most Radio Shack Stores

# Power Your Portables with Radio Shack® Batteries



## "New Formula" Power Cells

- Anti-Corrosion Contacts
- Ruggedized Steel Cases Fight Leakage

"New Formula" batteries meet tough proof-of-performance tests before they leave the factory. After "Quality Control" approval, they're QUICKLY SHIPPED to the Radio Shack store near you — and that means they're FACTORY FRESH when you buy them. As for performance, they set new standards in dependability and long life — at a lower cost than most other famous brands!

Fig.	Cat. No.	Cell Type	Replacement for			EACH
			Eveready	Ray-O-Vac	Mallory	
A	23-466	"D"	950	13	M13F	.25
B	23-467	"C"	935	14	M14F	.24
C	23-468	"AA"	915	15	M15F	.19
D	23-464	9V Rect.	216	1604	M1604	.49
E	23-151	9V Rect. Extra-Life	216	1604	M1604	.59

**FREE BATTERY**  
1 BATTERY EACH MONTH FOR 1 YEAR

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_

**Battery-A-Month Club  
Saves You Up to \$5.88**

Join up now! Receive one Radio Shack "New Formula" battery each month — FREE! No obligation, nothing to buy! Your choice of 1.5V "D", "C", "AA", or 9-V sizes — total value up to \$5.88.

## ENERCELL® EXTRA-LIFE Batteries Give You More for Your Money

- For All Standard Uses • Long Shelf-Life
- New "Miracle Seal" Jacket Fights Leakage

Radio Shack's *Heavy-Duty* EXTRA-LIFE ENERCELL® batteries outperform all "regular" batteries. Their specially processed electrolyte provides more service life than ordinary batteries and means fewer trips to the store for replacements. And a specially developed water-proof treatment/adhesive-seamed "Miracle Seal" jacket gives *greater leak protection*. With an amazing shelf life of up to 3 years and constant reliable discharge voltage, you get even more for your money. You'll never want to use regular zinc-carbon cells again!

Fig.	Cat. No.	Cell Size	Replacement for			EACH
			Ray-O-Vac	Eveready	RCA	
A	23-580	"D"	6D	1250	VS336	.49
B	23-581	"C"	4C	1235	VS335	.49
C	23-582	"AA"	5AA	1215	VS334	.29
D	23-583	9V Rect.	D1604	1222		.99

## With MIRACLE SEAL Compare the Difference



## Self-Regulating Deluxe Home Battery Charger

# 8<sup>95</sup>

- Charges 2 or 4 Cells at Once
- "Safety Plug" Prevents Burnouts
- Built-In Battery Tester

Great for recharging radio and flashlight batteries. Handles "D", "C", "AA" and 9V batteries (individually) including carbon-zinc or rechargeable alkaline and nickel cadmium types — in any combination. For 120 VAC. U.L. listed. 270-1530 ..... 8.95



## 9V Battery Eliminator

# 4<sup>95</sup>

Play Your Portables On House Current

Plugs directly into AC wall outlet. Replaces 216, 2U6 and VS-132 type batteries. U.L. listed. 270-1552 ..... 4.95

Retail Prices in This Catalog May Vary at Individual Stores and Dealers

# Radio Shack's ENERCELL® Batteries Last Longer

## ENERCELL Alkalines Last Up to 10 Times Longer\*

- Keep Working Even at Low Temperatures
- Long Shelf-Life

Our exclusive ENERCELL alkalines cost less per hour — that's why they're your best battery buy! Each is constructed to keep your battery operated equipment working harder and longer. You get top performance even at low temperatures and high current drain! They're steel clad and insulated for extra dependability, and they retain full power through long periods of storage at normal temperatures. Non-rechargeable. (\*In same service as regular zinc-carbon cells.)

Fig.	Cat. No.	Cell Type	Replacement for			Price
			Ray-O-Vac	Eveready	Mallory	
A	23-550	"D"	813	E95	MN1300	Pkg. of 2 for 1.89
B	23-551	"C"	814	E93	MN1400	Pkg. of 2 for 1.59
C	23-552	"AA"	815	E91	MN1500	Pkg. of 4 for 2.49
D	23-553	9V Rect.	...	...	MN1604	Each 1.59



# Radio Shack is Your Headquarters for "Hard-to-Find" Batteries

## Transistor Radio Batteries

Cat. No.	Volts	Equivalent Types			Price
		Ray-O-Vac	Eveready	Mallory	
23-574	1.5	716-4	904	910F	.18
23-002	1.5	400	912	24F	.29
23-569	9	1603	276	M1603	2.99
23-010	9	T1611	206	M1611	1.09
23-011	9	1605	266	M1605	2.39
23-012	9	1600	226	M1600	1.45



## Alkaline Batteries

Cat. No.	Volts	Equivalent Types			Price
		Ray-O-Vac	Eveready	Mallory	
23-223	1.5	824	E92	MN2400	.69
23-013	1.5	810	E90	MN9100	.69

## Portable Lantern Batteries

23-066	6	942	510S	M915	2.19
23-006	6	941	509	M908	2.29
23-007	12	...	...	M926	6.29
23-541	6	918	731	M918	4.95
23-143	1.5	6IGN	IS6	M905	2.89
23-008	1.5	900	735	M900	2.59

## Bantamweight "B" Batteries

23-509	15	220	504	M504	1.79
23-510	22.5	221	505	M505	2.09
23-097	22.5	215	412	M215	2.09

## Photoflash Batteries

23-472	1.5	110-2	835	M14HD	.45
23-473	1.5	210	850	M13HD	.45
23-475	1.5	710-2	815	M15HD	.39
23-476	4.5	...	531	PX19B	2.49
23-477	4.2	...	538	7R31	2.89
23-471	6	...	...	7K67	2.19

## Alarm Battery

23-670	12.6	...	...	304116	6.89
--------	------	-----	-----	--------	------

## Mercury & Silver Oxide "A" Cells

23-640	1.4	T312	E312	RM312	.39
23-660	1.4	T401	E401	RM401	1.49
23-1515	1.4	T640-1	E640	RM640	1.39
23-1520	1.4	T675	E675	RM675	.69
23-009	1.5	RS76-1	S76	MS76	.96
23-601	7.0	T175	E175	TR-175	3.19

## Mercury Transistor Radio Batteries

23-1536	8.4	T126	E126	TR126	3.69
23-1523	4.2	T133	E133	TR133	3.79
23-1527	8.4	...	E146X	TR146X	2.69
23-1535	1.4	T9	E9	ZM9	3.29



## Micronta® Battery Tester

Was ~~11.95~~  
in 1976 Catalog

NEW LOW  
PRICE  
**9.95**

- Tests Nearly All Types
- 2-Jewel Movement
- 2 Color-Coded Scales

Accurately measures voltage under load conditions of any flashlight or transistor radio battery. Ranges: 1.5/6/9/15/22.5 volts. Two scales — Regular: REPLACE-GOOD. — Mercury: REPLACE-GOOD. Negative ground stud. 5/16x1 1/8x3 1/2". Complete with 18" test leads. 22-030 .... 9.95

## Battery Checker

**6.95**

Don't Get Caught  
With A Dead Cell  
— Check 'em First

Tests "C", "D", "AA" and 9-volt transistor radio batteries. Just press battery in place and get an instant, accurate voltage or level reading. 22-100 ..... 6.95



# Batteries and Books — Find 'em at Radio Shack®

## ENERCELL® Rechargeable Nickel Cadmiums



**A** 1.25 V  
"D" Cell

**B** 1.25 V  
"C" Cell

**C** 1.25 V  
"AA" Cell

**Recharge Them Over and Over Again — and Save!**

- For All Standard Uses • Highly Reliable • Long Operating Life
- Store Indefinitely Without Damage • Resealable Safety Vent

Our exclusive ENERCELL nickel cadmium batteries keep working long after ordinary cells have "pooped" out. Plus, you can recharge them time and time again and use them in the same or even another service. Ideal for walkie-talkies, radios, recorders, portable appliances. Just charge them overnight with our optional charger below. They're steel clad and insulated for extra dependability, and they retain full power through long periods of storage at normal temperatures. Rated 1.25 volts.

Fig.	Cat. No.	Cell Type	Replacement For				Pkg. of 2
			Eveready	Ray-o-Vac	GE	Mallory	
A	23-123	D	CH1 2/D	613	GC3	NC13D	4.99
B	23-124	C	CH1 2/C	614	GC2	NC14C	4.79
C	23-125	AA	CH500	615	GC1	NC15AA	3.99

### Nickel Cadmium Battery Charger

- Keeps Your Batteries at Full Strength and Ready to Use
- Recharges "AA" ENERCELLS in 3-7 Hours, "C" and "D" ENERCELLS in 7-14 Hours Depending on Initial Charge!

**995**

Charges "D", "C" and "AA" nickel cadmium ENERCELL batteries. Has two charging sections—charge any pair of cells in one section while a different pair of cells is charging in the other. An indicator lamp glows for each section in use. Has 60" AC cord, cord storage compartment, cradle for safety plug, dust cover, rubber feet. For 120 VAC. 8 $\frac{3}{8}$ x3 $\frac{7}{8}$ x2 $\frac{1}{4}$ ". U.L. listed. 270-1501

9.95



### Radio Shack Reference Books Fully Indexed and Cross-Referenced!



**Tube Substitution Handbook.** Up-to-date DIRECT tube substitution guide includes more than 12,000 substitutions for picture tubes, radio/TV, special-purpose, foreign and domestic tubes. 96 pages. 62-2030 ..... 1.95

**TV Tube Symptoms and Troubles.** Troubleshooting guide shows hundreds of common problems; tells how to isolate, test and replace suspected tubes. Fully illustrated. 96 pages. 62-2033 ..... 2.25

**Electronics Data Book.** Handy reference for electronics information — formulas, laws, math, broadcast standards, resistor and capacitor codes, symbols, more. 112 pages. 62-2040 ..... 1.50

**Electronics Dictionary.** Very readable definitions and illustrations for more than 4800 electronics terms. 112 pages. 62-2047 ..... 1.50

**Math for the Electronics Student.** Principles essential to acquiring a knowledge of electronics. How to solve problems in circuits, induction, capacitance, RMS, peak power, power factor, resonance. 112 pages. 62-2057 ..... 1.50

**Linear Applications.** Fully indexed and cross-referenced. Considers both monolithic and hybrid circuits. Explains operation and use of each device. Subject index with 1200 references to text. 62-1373 ..... 2.75

**Fingertip Math.** Begins where your electronic calculator's manual ends. Tells how to use it for powers, roots, squares, logs, metric conversions, trig, interest — MUCH more! 264 pages. 62-2024 ..... 1.95

**Practical Electronics, Vol. I.** Simple to understand approach to DC circuits and theory. Set up numerous experiments and gain working knowledge of electronics. 160 pages. 62-2037 ..... 1.95

**Digital Integrated Circuits.** Complete specs. Covers Series 54/74, 54H/74H, 54L/74L, 74S, 930, 9000 and 10,000, interface circuits, future products, AC test circuits and waveforms. 62-1370 ..... 3.50

**Voltage Regulator Handbook.** How to select a three-terminal regulator. Also heat sink selection & design, power transformer & filter specs. With glossary, data sheets, cross reference. 62-1371 ..... 2.25

**Linear Integrated Circuits.** Complete specs for everything from communications and consumer-oriented circuits to precision instruments and computer designs. Covers voltage regulators, operational amplifiers, voltage comparators/buffers, transistor/diode arrays, more. With glossary, dimensions. 62-1372 ..... 3.50

# Radio Shack® Books Make You an Electronics Expert



## PROJECTS

- Optoelectronic Projects, Vol. I.** Thorough introduction to principles of opto electronics. Includes instructions for solar battery, power supply, digital clock and more. 95 pages. 62-2050 ..... 1.25
- Electronic Music Projects, Vol. I.** Thorough introduction to principles of electronic music. Covers music terminology, basic music circuits, circuit diagrams and assembly hints. Includes 8 different projects. 96 pages. 62-2055 ..... 1.25
- Semiconductor Projects, Vol. I.** Construct valuable educational circuits like voltage reference source, voltage multipliers, LED flasher circuit, others. 96 pages. 62-2070 ..... 1.25
- Semiconductor Projects, Vol. II.** 9 advanced projects — zener diode voltage indicator, UJT-SCR timer, SCR shift register, magnetic reed switch trigger TRIAC, more. 96 pages. 62-2071 ..... 1.25
- Transistor Projects, Vol. I.** 12 projects — CB crystal, oscillator, power supplies, siren, slave flash unit, light meter, more. 96 pages. 62-2080 ..... 1.25
- Transistor Projects, Vol. II.** Construct interesting projects like a power megaphone, light meter, electronic organ, neon lamp "idiot box," LED flasher, voltmeter. 96 pages. 62-2081 ..... 1.25
- Transistor Projects, Vol. III.** Build 8 exciting projects — optoelectronic logic circuits, LED switch, battery charger, strobe unit, more. 96 pages. 62-2082 ..... 1.25
- Transistor Projects, Vol. IV.** 8 projects — rain switch, bird simulator, AM radio transmitter, FET audio mixer. more. 96 pages. 62-2083 ..... 1.25
- Integrated Circuit Projects, Vol. I.** Build lamp driver, binary decimal decoder, digital counter, audio amp, more! Explains how integrated circuits work and how they are manufactured. 96 pages. 62-2090 ..... 1.50
- Integrated Circuit Projects, Vol. II.** Construct a frequency-selective op-amp, audible light sensor, monostable multivibrator, 555 IC timer, 1-watt audio amplifier. 96 pages. 62-2091 ..... 1.25
- Integrated Circuit Projects, Vol. III.** 8 projects. Instructions and discussions on sequence generators, music machine, power supply, computer circuits, others. 96 pages. 62-2092 ..... 1.50
- Integrated Circuit Projects, Vol. IV.** Assemble 8 types of operational amplifier experiments including op-amp meter eliminator, bridge amp, audio-filter, comparator circuit, clipping amp. 96 pages. 62-2093 ..... 1.25
- Integrated Circuit Projects, Vol. V.** Eight really exciting projects to challenge the dedicated experimenter. Includes time indicator, operational amplifier flip-flop, square wave generator, programmable read-only memory, more. 96 pages. 62-2094 ..... 1.25

- Building Speaker Enclosures.** Get extra value by building your own speaker system—bass-reflex, infinite baffle, many more designs. 96 pages. 62-2055 ..... 1.25
- Computer Circuits for Experimenters.** How to make and use "AND" gates, "OR" gates, flip-flops, logic clocks, multivibrator circuits, counting circuits. more. 96 pages. 62-2058 ..... 1.25
- Security for Your Home.** How to select the proper alarm system for your valuables. Installation, tamper-proofing, testing. 96 pages. 62-2059 ..... 1.50

## GENERAL ELECTRONICS

- Guide to Stereo High Fidelity.** Everything you need to know about hi-fi is in this book. Discusses component hi-fi and the right combination. loudspeakers, amplifiers, record-playing and tape equipment, 4-channel sound, assembling a hi-fi system from the floor up. 175 pages of easy reading. 62-2029 ..... 1.75
- Guide to VOM's and VTVM's.** Helps you recognize the extraordinary usefulness of these basic test instruments. Tells how to service radio, TV, hi-fi, Amateur and CB radios, more. Step-by-step directions. 112 pages. 62-2039 ..... 1.25
- Realistic Guide to Oscilloscopes.** How to use oscilloscopes for wave-form analysis, frequency response curves, modulated and fixed waveforms, audio, RF and video servicing. Discusses probes and other accessories. 96 pages. 62-2050 ..... 1.25
- Introduction to Antennas.** Explains how CB, TV, radio, shortwave antennas are designed. How to choose and install the antenna best for your needs. Covers multi-set distribution systems, rotators, fixed and mobile installations, fringe-area problems, antenna accessories. 128 pages. 62-2051 ..... 1.50
- Understanding Solid-State Electronics.** Twelve lessons, self-teaching course in semiconductor theory. Prepared by Texas Instruments Learning Center. With quizzes and glossary. 242 pages. 62-2035 ..... 1.95

## HAM-SWL-CB

- All About CB Two-Way Radio.** Complete layman's guide to equipment, rules, benefits of low-cost Citizens Band radio for business, family, personal use. Fully illustrated. 116 pages. By Radio Shack's own staff. 68-1046 ..... 1.25
- Shortwave Listener's Guide.** Lists stations by country, city, call letters, frequency, power, transmission times. With log. Get extra enjoyment from any radio equipped with shortwave bands. 128 pages. 62-2032 ..... 2.25
- CB-HAM-SWL Log Book.** Keep an accurate record of stations heard. Tables for recording frequency, call letters, date, time. 64 pages. 62-2034 ..... 1.75

- CB-HAM-SWL Mini-Log.** Compact, spiral-bound book keeps a permanent record of stations received. Easy to use. 62-2036 ..... 75¢
- Citizens Band Radio.** Tells the history and many uses of CB. How to get started in CB, choose your equipment, set up and operate a station. Covers equipment and antennas, servicing, more. 96 pages. 62-2044 ..... 95¢
- Police, Fire & Aircraft Radio.** How to enjoy real-life drama of "public service" radio. Choosing a radio and antenna. 112 pages. 62-2053 ..... 1.25
- From 5 Watts to 1000.** A programmed course to take you from CB to Ham radio. Theory, tips to learn code, more. 62-2056 ..... 2.95



## Dictionary of Electronics

6.95

- Over 18,000 Electronics Terms Defined
- 688 Pages • Illustrated

Contains the latest terms in virtually every field of electronics. Includes pronunciation guide, semiconductor symbols and abbreviations, schematic symbols, the entire Greek alphabet. 68-1030 ..... 6.95

## Slide-Rule Metric Converter

100

Easy-to-Read Scales, Tables



Converts distance, area, speed, length, volume, weight, temperature and fractions from standard U.S. units to metric equivalents. 68-1031 ..... 1.00



4.95 Each

**Keeps Police, Fire & Emergency Frequencies and Call Letters at Your Fingertips**

Get the most out of your VHF or UHF radio. Gives station frequencies and call letters of local government (town, city, county, state), fire, police (sheriff, marshal, highway patrol, constable), special emergency units (ambulance, hospital, rescue, doctors) within your region. Over 10,000 listings per volume!

Vol.	States Covered	Cat. No.	Each
1	Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, Vermont	62-1041	4.95
2	Delaware, Maryland, New Jersey, Pennsylvania	62-1042	4.95
3	Michigan, Ohio	62-1043	4.95
4	Illinois, Indiana, Kentucky, Wisconsin	62-1044	4.95
5	Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota	62-1045	4.95

## 9 Big Volumes

Vol.	States Covered	Cat. No.	Each
6	Dist. of Columbia, Florida, Georgia, North & South Carolina, Virginia, West Virginia	62-1046	4.95
7	Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, Texas	62-1047	4.95
8	Arizona, Colorado, Idaho, Montana, New Mexico, Nevada, Utah, Wyoming	62-1048	4.95
9	California, Oregon, Washington	62-1049	4.95

All Radio Shack Books Are Written by Professionals

# Choose the Calculator That Fits Your Needs...



The Little Calculator  
with a Big Memory

**12<sup>95</sup>** With Battery and Fitted Pouch

- 8 Digits with Floating Decimal
- Automatic Constant • Percent Key

Radio Shack EC-241. Push buttons, not pencils, and get instant answers with 8-digit accuracy! All arithmetic operations. Two-key memory for complex sequences.  $5\frac{7}{16} \times 3\frac{7}{8}$ ". Operates on 9V battery (included) or 120 VAC with adapter. 65-611 ..... 12.95  
AC Adapter. U.L. listed. 65-731 ..... 4.95



8-Digit Calculator with  
5 Functions & Auto-Constant

**10<sup>95</sup>** Figure Tax without  
"Taxing" Yourself

- Percent Key • Floating Decimal
- Includes Battery and Fitted Pouch

Radio Shack EC-221. Gets precise, instant answers to lengthy problems involving all 5 functions: +, -, ×, ÷, %. If you can say "2+2+3=" you can get the answer — it's that easy!  $5\frac{7}{16} \times 2\frac{7}{8} \times 1$ ". Operates on 9V battery (included) or 120 VAC with adapter. 65-609 ..... 10.95  
AC Adapter. U.L. listed. 65-731 ..... 4.95

## Full-Feature Calculator with Memory & More

- Easy-to-Read "Digitron" Display
- 3-Way Power Option — Takes Rechargeable Cells
- $\sqrt{\quad}$ , %, Sign Change
- Auto-Constant

**24<sup>95</sup>**

Radio Shack EC-380. Put this math wizard in your pocket or purse. Fully addressable memory actually lets you carry on two calculations at once! Handles household budget to college homework.  $5\frac{1}{4} \times 3 \times 1$ ". Operates on 2 "AA" cells (included) or on AC with adapter or rechargeable "AA" cells. 65-616 ..... 24.95  
AC Adapter/Recharger. U.L. listed. 14-854 ..... 5.95



## Deluxe Calculator with "Digitron" Display

- 3-Way Power Option — Takes Rechargeable Cells • Auto-Constant
- Square Root Key • Floating Decimal

**14<sup>95</sup>**

Radio Shack EC-231. Seven functions and the latest in display technology — for under \$15. 8-digit accuracy with a floating decimal that never gets "lost". Error/overflow indicators.  $5\frac{1}{4} \times 3 \times 1$ ". Use with 2 "AA" cells (included) or on AC with adapter, or rechargeable "AA" cells. 65-610 ..... 14.95  
AC Adapter/Recharger. U.L. listed. 14-854 ..... 5.95



**statesman thin** <sup>T.M.</sup> LESS THAN 1/2" THICK —  
PERFECT FOR POCKET OR PURSE!

**29<sup>95</sup>**

Ⓐ EC-240

- Extra-Large Green "Digitron" Display
- Automatic Constant • Floating Decimal
- Built-In Nickel Cadmium Power Cell
- Includes U.L. Listed AC Adapter/Recharger

Ⓐ Radio Shack EC-240. So slim you'll forget it's in your billfold, but it can handle financial and arithmetic calculations with 8-digit accuracy. Special reverse-equals key makes  $\frac{a}{b-c}$  problems a snap. Battery Saver shuts off display after 25 seconds — push "D" key to recall it. Clear and clear entry keys for corrections mid-sequence.  $5\frac{9}{32} \times 2\frac{1}{16} \times \frac{7}{16}$ ". With cases and power supply described below. 65-622 ..... 29.95

Ⓑ Radio Shack EC-245. The checkbook-size calculator with 4-key memory! Handles two problems at once — one in memory, one on the display. Parenthesis keys, instant squares, square roots, reciprocals, percents and sign change.  $5\frac{9}{16} \times 2\frac{1}{16} \times \frac{7}{16}$ ". With cases and power supply described below. 65-623 ..... 34.95

### Extra-Thin for Real "Pocketability"

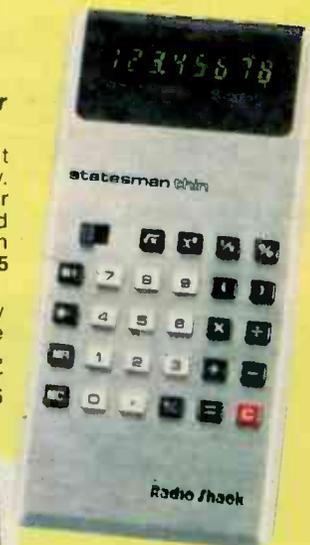


Each with Pouch and Billfold Case, built-in rechargeable nickel cadmium cells and AC Adapter/Charger

Slip-On Pouch

Adapter Charger

Billfold Case



**34<sup>95</sup>**

Ⓑ EC-245

# ... Radio Shack's Versatile, All-New '77 Line

## Portable Electronic Calculator with Instant Automatic Tape Printout

- More "Powerful" Than a Standard Adding Machine, Yet It's Only 2 1/4 x 4 1/4 x 6 3/4" and 1 1/2 Lbs. Light
- Floating Decimal Mode for All-Purpose Calculations
- Fixed 2-Decimal Mode for Monetary Problems
- Easy-to-Read Printout • Percentage Key
- 3-Way Power Option - Takes Rechargeable Cells
- Automatic Constant • Eight-Digit Accuracy

With AC Adapter/Charger

**119<sup>95</sup>**



With AC Adapter/Battery Charger and Case



Radio Shack EC-3000. "Hard copy" output eliminates concern over whether you entered the correct numbers and functions. You get a permanent record which is easy to follow—each entry is coded with the appropriate symbol: +, -, ×, ÷, K (constant), %, T, or -T (negative balance). For dollars-and-cents addition and subtraction, use the fixed decimal mode with standard 2-decimal output. Switch to floating mode for full trailing decimal. Percent key quickly figures sales tax, discount, markup. Automatic constant lets you multiply and divide repeatedly by the same factor, without re-entering the constant. Uses standard thermal office tape. A modular U.L. listed AC adapter/battery charger (included) solves "power problems", or you can use 4 regular penlight cells. With handsome carrying case. 65-643 ... 119.95

### Low-Cost "Slide-Rule"

- "Digitron" Display **19<sup>95</sup>**
- Full Memory
- With Special "Pi" Key
- Does Percents, Squares, Square Roots, Reciprocals

Radio Shack EC-420. Fully addressable memory with separate register, sign change, more: 6x3x7/8". Uses 2 "AA" cells (included) or AC with optional adapter. With fitted pouch. 65-636 ... 19.95 AC Adapter. U.L. listed. 65-735 ... 4.95



### Our Finest Scientific Slide-Rule Calculator

- Five Independent Memories
- 2-Level Parenthetical Operation
- Algebraic Logic
- 3-Way Power Option - Takes Rechargeable Cells

**39<sup>95</sup>** Easy-to-Read "Digitron" Display

Radio Shack EC-495. Especially useful to the professional. Among its fantastic capabilities are complete trig, exponent and log functions, permutations, polar/radian/gradient calculations, polar and rectangular conversions and a summing mode. 43 keys bring more operations out to the first level. 8-digit mantissa, 2-digit exponent display with signs. Choose readout in DEG/MIN/SEC or decimal equivalent. Your answer is shown in floating or fixed decimal, selectable to 8 places. 6 1/2 x 3 5/16 x 1 1/8". With batteries, fitted pouch. 65-638 ... 39.95 AC Adapter/Recharger. U.L. listed. 14-854 ... 5.95



### Amazing Capacity at Low Cost

Big "Digitron" Display **29<sup>95</sup>**

- Fully Addressable Memory
- Natural and Common Logs, Trig Functions, Inverses

Radio Shack EC-480. Does squares, square roots, exponentials. Calculates with pi. 8-digit floating decimal or automatic conversion to 5-digit mantissa with 2-place exponent. Battery Saver circuit. 5 1/2 x 2 5/8 x 1". With 2 "AA" cells, fitted pouch. 65-637 ... 29.95 AC Adapter. U.L. listed. 65-735 ... 4.95



Available Oct. 30, 1976

### Calculator Stand

For Pocket Calculators **1.49**

Holds calculator for desk-top use. Adjustable angle. Rubber feet.

65-705 ... 1.49



### Deluxe Case

Keeps Out Dust **1.98**

Fitted vinyl with Velcro closure. Fits EC-221/231/380/420/480, others. 65-703 ... 1.98



All Radio Shack Calculators Include a One-Year Parts and Labor Limited Warranty

# Science Fair® 150-in-1 Electronic Project Kit

ADVANCED  
INTEGRATED  
CIRCUIT

NEW  
FOR 77

7-SEGMENT  
LED DIGITAL  
DISPLAY



## GIANT LAB-TYPE MANUAL INCLUDED

Every project explained in nontechnical language. Schematics help teach theory and simple pictorial diagrams make hookups easy. 164 8x11" pages.

The Big One! Really Builds Young Minds

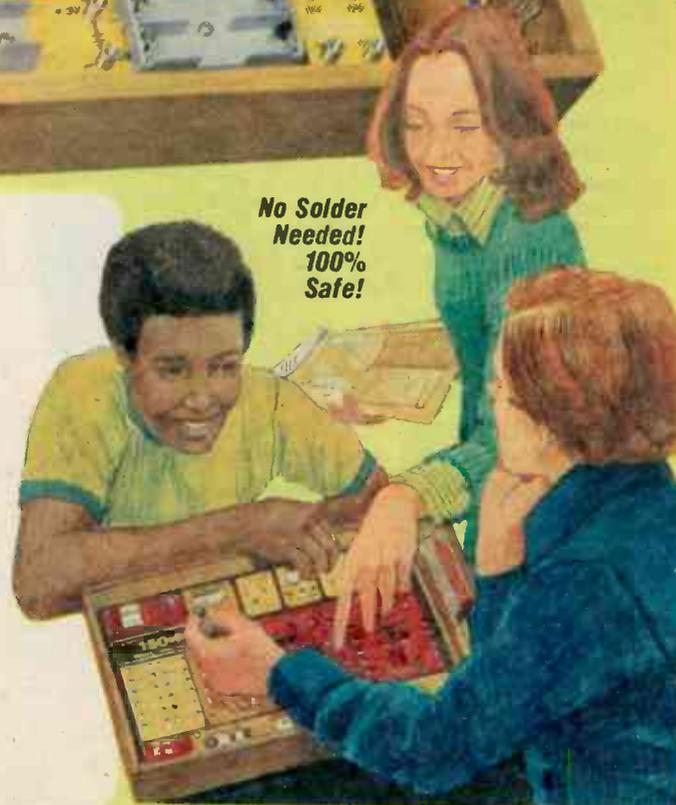
# 29<sup>95</sup>

- Includes All You Need to Get Started On a Hobby in Electronics
- Easy Hookup - No Special Tools Needed

Get a head start on a career in electronics. Build practical communications and test equipment circuits, including radios, telegraphs, one-way telephone, radio signal monitor, wireless microphone, oscillators, circuit testers, output meters, ohmmeter, DC voltmeters and audio signal tracers. Simple computer circuits include AND, NAND, OR and NOR circuits with LED (light emitting diode), plus flip-flop lamp flasher and others. You can even produce electronic sound effects — bird, cat, chicken peeping, woodpecker, metronome, motorcycle, machine gun, generator, sleep inducer, toy organ. 150 projects in all! The parts—including a solar battery photocell, signal lamp, meter, relay, speaker, integrated circuit and LED display—are pre-mounted. Connect, disconnect and reconnect circuits right in the 2x17½x11" fitted case using spring-clip connectors. Instruction manual explains each project in nontechnical terms, with simple diagrams and schematics. All projects are solar or battery powered and are 100% safe. With earphone, code key, wire. Requires just one 9V and 2 "AA" cells.

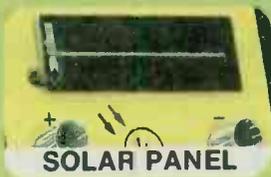
28-248 ..... 29.95

No Solder  
Needed!  
100%  
Safe!

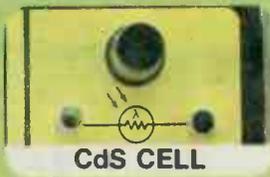


# Safe 'n Solderless Kits That Make Learning Fun

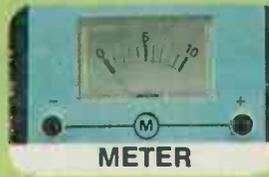
NEW FOR '77



SOLAR PANEL



CdS CELL



METER



RELAY



Science Kit  
**75 in ONE**  
ELECTRONIC PROJECT KIT

WITH GIANT  
LAB-TYPE MANUAL

All projects explained in nontechnical language, with simple diagrams. 84 8x11" pages.

## Fun for All Ages! 75-in-1 Electronic Project Kit

- Exciting Introduction to Space-Age Electronics
- Safe Battery Power • Easy No-Solder Assembly

**21<sup>95</sup>**

Learn the fundamentals of electronics as you build basic semiconductor circuits, communications projects, logic and computer circuits, and perform natural science experiments. Even beginners can build basic transistor projects, wireless AM transmitter, oscillators, telegraph, crystal diode and one-transistor radios, AND, NAND, OR, NOR and NOT computer circuits, multivibrators, output level meter, NPN and PNP transistor checker—75 projects in all! Even build a plant growth stimulator and sonic fish caller! Everything you need—earphone, transformer, code key, photocell, speaker, resistors, capacitors, wires—is included in the sturdy 2x17½x11" fitted case. Safe and solderless spring-clip connectors can be used over and over again. Fully illustrated manual has complete easy-to-read instructions for every project. Requires one 9V and 2 "AA" cells. 28-247 ..... 21.95



## Educational Fun on a Budget— 40-in-1 Electromagnetic Project Kit

- A Great Practical Introduction To Electricity and Magnetism
- Each Project Uses Safe Battery Power
- No Special Tools Needed for Assembly

**19<sup>95</sup>**

A lab kit for grade schoolers and up! Learn electronics theory while building projects that really work: a compass, motor spinning wheel, windmill, electric fan, light dimmer, and more! Lamps, code key, meter, buzzer, electromagnetic switch and other components are pre-mounted in 2x17½x11" fitted work-case. Spring-clip connectors for safe and easy hookup again and again. Manual explains projects with step-by-step directions. Requires just 4 "AA" cells. 28-252 ..... 19.95



Credit Terms to Fit Almost Any Budget—Details at Your Nearby Radio Shack Store

# Science Fair® Kits Teach Science — With Flair



new  
FOR 77

## CHEMCRAFT®

Unlock the Mysteries of Chemistry!  
Analyze Foods, Dyes, Paints, More

7<sup>99</sup>

- 9 Chemicals in Quad Modules
- 15x7x2" "Portable Lab" Rack
- Real "Beam Balance" Scale
- Recommended Age: 10 and Up

250-in-1

250 exciting experiments — from magic tricks to "crystal farms". Chemcraft® teaches youngsters the methods and basic principles of chemistry. Includes Pyrex® test tubes, test tube clamp and rack, acid/base test papers, alcohol lamp, two measuring spatulas, much more. Toddler Guard® caps on chemicals. With illustrated instructional and educational booklet. 28-192 ... 7.99



Future Scientists — Explore  
The Power of Tomorrow

12<sup>95</sup>

## SOLAR POWERED ELECTRONIC LAB KIT



Includes Two  
Solar Power Panels

Build your own sun-powered radio, transmitter, relay, light-beam communicator, sound synthesizer and many more fascinating projects — 25 in all! Work with diodes, transistors, transformer — 22 separate components — all in a fitted 15x10x2" case. Easy "breadboard" assembly with quick, solderless spring-clip connections. With instruction manual and schematics. Some projects require one 9V and 2 "AA" cells. 28-246 ..... 12.95

## A Complete Course in Elementary Electronics



- No-Solder, Snap-In Parts
- Build Siren, Metronome, Telegraphic Transceiver

12<sup>95</sup>

40 Projects,  
100 Components

Make solid state devices you'll enjoy for a long time to come! And understand how they work! Lie detector, quiz clock, 2-transistor radio, more. With manual. Requires 2 "AA" cells. 28-197 ..... 12.95

## 10-in-1 Jr. Electronic Lab Kit

9<sup>95</sup>



Spring-Clip Connectors

Build your own home AM broadcast station, amplifier and audio test equipment. Learn and use the International Morse Code after completing the Morse Code oscillator. The instruction manual (included) has assembly guides, wiring diagrams and schematics, and theory-of-operation notes for all projects. Requires one "AA" cell. 28-225 ..... 9.95



## Science Fair Electronic Organ Kit

12<sup>95</sup>

- Battery Powered
- Amazing Solid State Music • Hardwood Base

Build your own tunable organ in the 15x5½x1½" box it comes in. Plays natural major scale through 2 octaves. Attractive blue and white "keyboard". Quick and easy wiring with spring clip terminals. With speaker, songbook of popular melodies. Requires 2 "AA" cells. 28-215 ..... 12.95



## Build Your Own "Singing Picture"

Makes Realistic Bird  
Calls with Changeable  
Pitch and Duration

9<sup>95</sup>

Make a variety of bird calls with simple wiring changes in the hidden circuitry. Solderless assembly. Molded 8¾x6" frame, speaker, assembly platform, all parts. Requires just 2 "AA" cells. 28-239 ..... 9.95

# Science Fair<sup>®</sup> No-Solder Kits Teach Young Minds

## 600-in-1 Electro-Chemical Lab

Exciting Projects in Liquid & Solid-State Chemistry

- Explorations in Organic and Biological Chemistry, Electrochemistry, Food Analysis, Crystallography
- 23 Chemical Reagents, Pegboard Main Console, Solid State Electronic Parts, Tempered Glassware
- Learn Electroplating, Glassworking, More

NEW FOR 77

For Ages 12 and Up

19<sup>95</sup>

Probably the most advanced chemistry experiment kit on the market. Follow the 160-page, fully illustrated experiment book through an amazing series of investigations into the commonplace and the unusual. Have fun with crystal farms, secret inks, crime detection, soap and candy making, chemical magic. Learn basic science chemistry firsthand — test Boyle's and Charles' laws, and laws of chemistry and propulsion. With a full complement of high quality solid state electronic components, discover and use electrochemical phenomena—electroplating, electrolysis of water, meter circuits, ionic conduction. Sounds like a room-sized lab, but this kit is instantly organized around a 13<sup>7</sup>/<sub>8</sub>x8<sup>5</sup>/<sub>16</sub>" pegboard console. Requires 2 "AA" cells.

28-191 ..... 19.95



Perform 600 Unique Experiments

## 280-in-1 Physics Lab Kit

- 280 Safe Projects in 10 Fields
- Includes Motor for Machine Projects

16<sup>95</sup> For Ages 12 to Adult

A treasure chest of fun in physics. Includes all apparatus and instructions for experiments in liquids, simple machines, pressure, heat, sound, magnetism, electricity, optics, forces and motion. Over 100 components with pegboard main console. Requires 2 "AA" cells. 28-193 ..... 16.95



## 20-in-1 Electronic Lab Kit

14<sup>95</sup>

- No-Solder, Spring-Clip Connections
- 100% Safe - Battery Powered Circuits

Electronic building blocks for 20 projects — and no tools required! Construct radios, alarms, phone amp, code oscillator, solar energy devices. Code key, earphone, probes, color coded wire and instruction manual. Requires 2 "AA" cells.

28-245 ..... 14.95



## Science Fair

### 135 Optical and Photographic Experiments

- Build a 35mm Reflex Camera
- Perform "Magic Tricks"
- 114 Optical Components Included

21<sup>95</sup>

The "scope" of optics — in a box! Puts the fascinating world of magnification, image reduction, inversion, luminosity, and photography at your fingertips. Build a telescope, microscope, periscope, spectroscope, kaleidoscope — and understand them all! Learn and demonstrate the theory of light reflection, transfer, color, even 3-dimensional stereoscopic vision. Includes 11 lenses, a prism, 112-page illustrated manual. 28-198 ..... 21.95

## Science Fair SF-3000 OPTICAL LAB KIT

A COMPLETE OPTICAL LAB WITH OVER 135 EXPERIMENTS!



Radio Shack's Got Everything in Batteries for Your Kit — See Pages 148-150

# "No Solder" Science Fair® Kits — Make Your Own Fun

## 2-Transistor Amplifier Kit



NEW FOR 77

7<sup>95</sup>

**Easy Spring-Clip Assembly — No Tools Required**

High and low-level input sensitivities make it versatile enough to amplify almost any audio signal — ceramic phono cartridge, tuner, high-output mike. And the simple assembly instructions and diagrams also cover audio amplifier theory. Includes output transformer, speaker, volume control. For stereo, buy two! Requires just one 9V battery. 28-224 ..... 7.95

## CB Monitor Receiver Kit



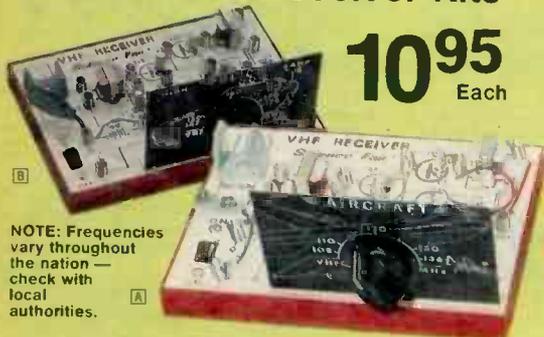
NEW FOR 77

10<sup>95</sup>

**Tunes All 23 Citizens Band Channels**

With this 3-transistor receiver, you can listen to truckers, motorists and all the other CB'ers. An illustrated board, spring-clip wiring and numbered parts greatly simplify assembly—you can do it in an evening. And the kit includes an earphone and antenna. No FCC license required. Requires one 9V battery. 28-238 ..... 10.95

## VHF "Action" Receiver Kits



10<sup>95</sup> Each

NOTE: Frequencies vary throughout the nation — check with local authorities.

**A Aircraft Monitor.** Hear nearby planes and control towers "talk" on 108-135 MHz. Illustrated assembly board, spring-clip wiring. With earphone. Requires 9V battery. 28-244 ..... 10.95

**B Police Monitor.** As above, but tunes 147-174 MHz (includes weather). 28-243 ..... 10.95

## Crystal AM Radio Kit



3<sup>95</sup>

**Plays Forever — Without Power**

Nothing to wear out! No batteries or AC, no tubes or transistors—yet it really works. Tunes 550-1600 kHz AM band with same type of circuitry Marconi used. With earphone. 28-207 ..... 3.95

## 2-Transistor AM Radio Kit

**Powered by LIGHT!**



Solar Panel Included

5<sup>95</sup>

A solar panel converts sunlight — or any bright light — to electricity that powers this radio. Or use any 9V battery. Either way, it tunes the entire 550-1600 kHz AM band. 28-214 ..... 5.95

## AM Radio Broadcasting Kit



7<sup>95</sup>

**Go "On-the-Air" in Your Own Home**

Be the star of your own radio station and broadcast "news" and programs through any standard AM radio — up to 40 feet away! Includes microphone, transmitter, tuning control and antenna wire. Requires just one 9V battery. 28-209 ..... 7.95

## Metal Detector Kit



10<sup>95</sup>

**Mini-Size, But Spots Anything Metallic**

- Spots Lost Coins, Jewelry
- Finds Wiring, Pipes in Walls

Our handy hunter is fun and practical, too. Color-coded meter, "null" and on-off controls. 6x2<sup>3</sup>/<sub>4</sub>x1<sup>7</sup>/<sub>8</sub>". With assembly/instruction manual. Requires 9V battery. 28-174 ..... 10.95

## Science Fair Intrusion Detector Kit

**Protect Your "Hideout"**

10<sup>95</sup>



**Loud Alarm/Silent Blinking Light**

You can set either the alarm or the light to warn you of "unauthorized" entry. Magnetic switch attaches to door, window, etc., trips alarm. Safe. Requires just 2 "D" cells. 28-173 ..... 10.95

# Science Fair Kits Can Turn Theory Into Reality

## Build Your Own 4-Band Worldwide Radio



Covers AM  
Plus  
1.5 to 30 MHz  
Shortwave

**29<sup>95</sup>**



Visit the Countries You  
Dream About —  
The Easy Way,  
Through Electronics

Listen to Ships, Planes, Hams, Military, WWV Time Signals

Today a Science Fair kit, tomorrow a world of listening fun. Tunes fascinating international shortwave broadcasts on 3 bands and AM on the fourth. Both main and bandspread tuning help you zero in on stations. Also features band selector, volume and regeneration controls, 3" speaker, earphone and "Where to Listen" guide. 5 1/2 x 9 x 4". Requires 4 "C" cells. 28-205 ..... 29.95  
AC Adapter. 14-854. U.L. listed. .... 5.95

## 8-Transistor AM Pocket Radio Kit

Leatherette  
Carry Case  
Included

**10<sup>95</sup>**

Features 2 1/2" speaker, thumbwheel volume and tuning, easy printed circuit assembly, no-instrument alignment. With earphone, solder. Requires 4 "AA" cells. 28-222 ..... 10.95

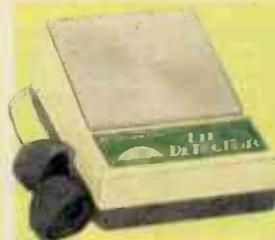


## Pocket Lie Detector Kit

**11<sup>95</sup>**

- The TRUTH at Last
- Great at Parties

Works on same principle as "pro" machines — fingertip sensors reveal body changes due to nervousness. Absolutely safe, and requires just one 9V battery. With assembly/instruction manual. 28-182 ..... 11.95



## Battery Powered 2-Station Intercom Kit

- Portable—Use Anywhere
- With 66' of Cable

**9<sup>95</sup>**

Pushbutton operation with volume control on master station. Each 1 3/4 x 3 x 4". With solder, complete instructions. Requires just one 9V battery. 28-4004 ..... 9.95



## 100 Experiments for Future Pilots, Astronauts

**15<sup>95</sup>**

Let's Go  
Flying!

Learn the "hows" and "whys" of flight and propulsion as you build a glider, helicopter, helium balloon air-driven land vehicle and a rocket with parachute recovery. Experiments in height determination, navigation. 160-page 8x11" illustrated manual. 28-196 ..... 15.95



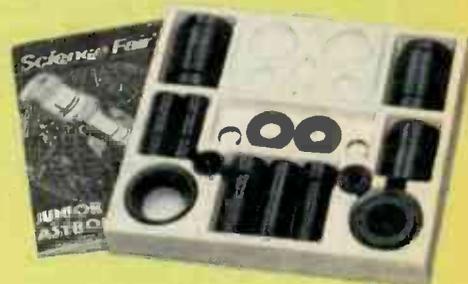
Build a Working 27" Wing-Span Plane

## Complete Jr. Astronomy Kit

**9<sup>95</sup>**

Build  
Your Own  
Telescope

Everything necessary for the junior astronomer, including all components of 15x12 refractor telescope, constellation finder, moon map and 32-page assembly manual with star-gazing tips. Snap-Fit assembly. 28-195 ..... 9.95



## Fun + Learning = Digital Computer Kit



50 safe experiments introduce you to computer programming, cybernetics and binary math. Includes all parts, instructions and programs to predict weather, diagnose illnesses, do translations, and more. Requires 3 "C" cells. 28-199 ..... 29.95

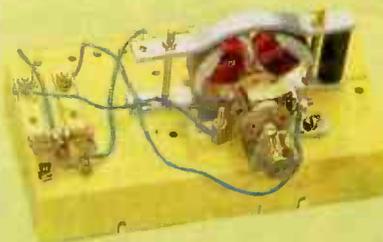
**29<sup>95</sup>**

Become a  
Computer  
Expert

## Science Fair Motor/Generator Kit

**8<sup>99</sup>**

May Even Be  
Used to Power  
Other Devices  
When Completed



A reversible, tripolar motor that's simple, safe and fun to build. Includes strobe disc to measure rpm and an ammeter to read the current produced when it's converted to a generator. With instructions. Requires just two "C" cells. 28-194 ..... 8.99

# An ArcherKit® Can Work for You or Entertain You



NEW FOR '77

For Regular and Mercury Cells!

**7<sup>99</sup>** Battery Tester Kit

- 3-Way Current Drain Selector
- 2 Scales • With Leads

Tests flashlight, transistor and lantern batteries under proper load—Low (10 mA), Medium (50 mA), or High (150 mA). Ranges: 1.4-1.5, 4.5, 6, 7-8.4-9, 12, 15 and 22.5 volts. REPLACE-?-GOOD scale for regular batteries, REPLACE-GOOD scale for mercury types.  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". Color-coded leads.

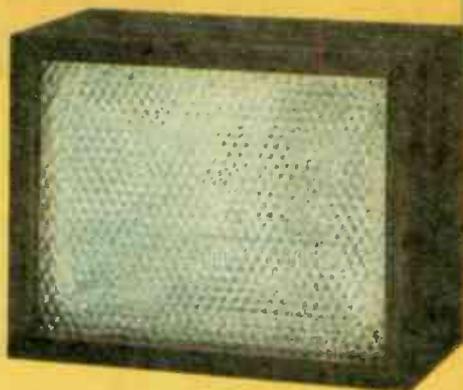
28-4020 ..... 7.99

Available Oct. 15, 1976

## Deluxe Strobe Light Kit

The Light Of Any Party

**29<sup>95</sup>**



Starts the fun by "stopping" motion! Set the variable flash rate and make dancers, fan blades, rotating displays, falling water seem to stand still. On/off switch and rate control knob are mounted on back. Prismatic lens. Easy one-evening assembly. Walnut-grained vinyl veneer finish.  $10\frac{1}{2} \times 7\frac{1}{2} \times 6$ ". For 120 VAC. 28-4019 ..... 29.95

## Famous ArcherKit Multitesters

1000 Ohms/V Kit — 8 Ranges

**7<sup>95</sup>**



Pocket-size, 2-color mirrored scale, pin jacks for all ranges, thumb set zero adjust and precision 1% tolerance resistors. AC and DC Volts: 0-15-150-1000. DC Current: 0-150 mA. Resistance: 0-100,000 ohms. Accuracy:  $\pm 3\%$  DC,  $\pm 4\%$  AC. Only  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". With leads, instructions. Requires "AA" cell. 28-4012 ..... 7.95



20,000 Ohms/V Kit — 25 Ranges

**19<sup>95</sup>**

Color-coded 4" mirrored scale, one-knob selector. DC Volts: 0-0.6-3-15-60-300-600-1200 at 20k ohms/volt. AC Volts: 0-15-60-150-600-1200 at 10k ohms/volt. DC Current: 0-60 $\mu$ A-3-30-300 mA. Resistance: Rx1, Rx10, Rx100, Rx1000 (24 center scale). dB: -20 to +63, 5 ranges. Accuracy:  $\pm 3\%$  DC,  $\pm 4\%$  AC.  $5\frac{1}{32} \times 3\frac{1}{32} \times 1\frac{1}{2}$ ". With leads, instructions. Requires "AA" cell. 28-4013 ..... 19.95



**29<sup>95</sup>** 50,000 Ohms/V Kit — 43 Ranges

Range-Doubler for low-voltage work,  $\frac{1}{4}$ " overload protected meter, one-knob function with "off", more. DC Volts: 0-125 mV-1.25-5-25-125-500 at 50k ohms/volt; 0-250 mV-2.5-10-50-250-1000 at 25k ohms/volt. AC Volts: 0-5-25-125-500 at 10k ohms/volt; 0-10-50-250-1000 at 5k ohms/volt. DC Current: 0-25-50  $\mu$ A; 2.5-5-25-50-250-500 mA; 5-10 amps. Resistance: Rx1, Rx10, Rx100, Rx1k, Rx10k (10 center scale). dB: -20 to +62, 8 ranges. Accuracy:  $\pm 3\%$  DC;  $\pm 4\%$  AC. Requires "AA" cell and 9V cell.  $6\frac{3}{4} \times 4\frac{7}{8} \times 2\frac{1}{8}$ ". With leads, instructions. 28-4014 ..... 29.95



Two-in-One Color Organ/Control Kit

**29<sup>95</sup>**

- Use by Itself — Or Set Up a Light Show
- Connect to Any Speaker

It's a 3-channel color organ, and it controls external lights, too — Christmas tree bulbs, signs, party lamps, any incandescent lighting up to 300 watts per channel (900 watts total). All 3 colors flash in time to bass, treble and mid range audio input. Sliding intensity control for each channel, plus master control. Easy assembly and hookup. External/internal-external switch. Walnut grained vinyl veneer finish.  $10 \times 6 \times 7$ ". For 120 VAC. 28-138 ..... 29.95

## 3-Channel Color Organ Kit

Connects to Any Speaker

Color Intensity Controls



**24<sup>95</sup>**

Master Medium Low (High)

Adds a new dimension to music — "sight on sound". Red, green and blue lights translate bass, treble and mid-range tones into rhythmic flashing patterns. Prismatic "starburst lens" imparts a 3-D effect. Rear panel on-off switch. Walnut-grained vinyl veneer.  $18 \times 11\frac{1}{2} \times 5$ ". For 120 VAC.

28-4009 ..... 24.95



# Build Yourself a Better Car — With an ArcherKit®

## Electronic Ignition System Kits



Easier Starts Even  
In Subzero Weather



Triples Plug  
And Point Life



Hotter Spark  
Aids Acceleration



Convenient  
In-Out Switch

Adds the Latest  
Ignition Features  
To Your Present Car

**Standard Capacitive Discharge Ignition Kit.** Delivers higher spark voltage for more complete combustion, less formation of residue that shortens plug life. Adds time between tuneups, aids mileage. One-evening assembly. Installs in minutes without rewiring. 3x5½x3½". For 12-V pos. or neg. gnd. With solder, full assembly and installation instructions. 28-4002 ..... 29.95

29<sup>95</sup>

39<sup>95</sup>

**Deluxe Capacitive Discharge Ignition Kit.** Develops up to 50% higher spark voltage for better combustion. Easier starting, improved fuel economy, up to 3 times longer plug and point life, more mileage between tuneups. In-Out switch for simple tuneups and performance comparisons with standard ignition which remains intact. Heavily heat-sinked to protect circuitry. Full assembly and installation instructions. 3x5½x3½". For 12-volt neg. gnd. 28-3203 ..... 39.95



### "Driver Alert" Radar Sentry Kit

27<sup>95</sup>

Use May Be Regulated by State Law

Helps You Drive Safely in Unfamiliar Areas

Sounds off BEFORE you enter radar traffic zones where conditions may be hazardous or congested. Range of ½ mile gives you time to adjust speed. Includes variable volume on/off control. 3½x2¼x3¼". Clips neatly to car's sun visor. Easy to assemble. Requires just two "AA" cells. 28-4008 ..... 27.95

### ArcherKit Wiper Speed Control Kit

14<sup>95</sup>

- One-Evening Assembly
- No More Hazardous Windshield Smear



Program wipers to handle everything from light mist to heavy downpour! Thumbwheel controls let you adjust wiper speed and interval between sweeps — from once a second to once a minute! Installs easily — just connect 2 wire leads to wiper control on your car and attach unit under dashboard. For any vehicle with 12V neg. gnd. electric wipers. (Not for well-type wipers.) 2x4x2". 28-4011 ..... 14.95

## Find Buried Valuables — Fun for All Ages

### Science Fair® Metal Locator Kit

19<sup>95</sup>

- Volume & Pitch  
Slide Controls
- Adjustable Shaft

Spots lost coins, jewelry, relics. Also locates pipes, wires in walls. Easy PC board assembly lets you build it and hunt the same day. Just set volume and pitch slide controls for constant tone in earphone — pitch rises as you approach metal. Shaft adjusts for user, from 16" to 36". With manual. Requires 9V cell. 28-181 ..... 19.95



### ArcherKit Treasure Finder Kit

34<sup>95</sup>

- Penetrates Up to  
6" of Soil, Wood
- Spots Coins, Relics  
Jewelry, Any Metal

Really deluxe! Sensitive dual FET search and reference oscillators. IC amplifier has null meter and headphone jack for visible and audible detection. Faraday-shielded search coil helps prevent false indications. Adjustable shaft length. Requires 2 9V cells. 28-4010 ..... 34.95

There's a Radio Shack Store Near You — Wherever You Are

# Science Fair® 2nd Generation P-BOX® Electronic Kits



Learn About Electronics  
As You Build!  
Perfect for  
Beginners!



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	<b>the unique P-BOX</b>															
B	Build like a professional — by "breadboard-															
C	ing" parts on a molded chassis with a grid of															
D	coded holes. The completed P-BOX performs a															
E	useful function at amazingly low cost, and															
F	you can even add-to or alter your kit as you															
G	desire — be your own "engineer". The see-															
H	through bottom reveals the circuitry, and the															
I	top can be mounted for either a tilted or flat															
J	surface. All parts, schematics, and diagrams															
K	included along with an explanation of circuit															
L	theory. Powered by batteries, they're safe,															
M	educational and fun!															

Science Fair ELECTRONIC PROJECT KIT

## RF Field Strength Meter Kit

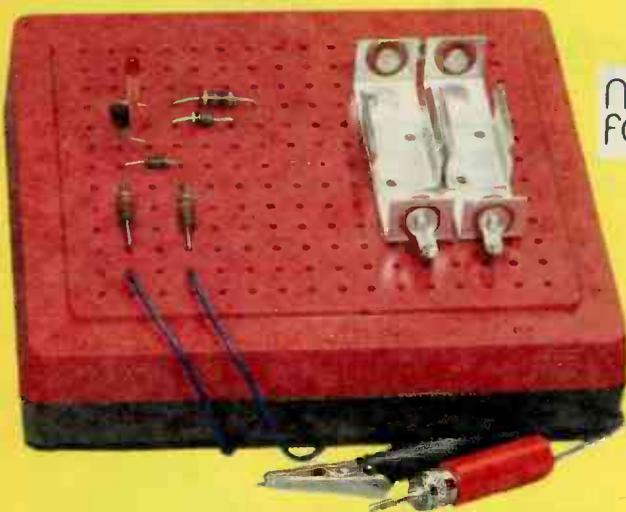
**695**

Takes the guesswork out of CB installation and operation. Field-strength meter is equipped with high-sensitivity transistor amplifier. Works with CB and other transmitters. Requires "AA" cell. 28-139 ..... 6.95

## 100 KHz Frequency Standard

**995**

Stable and accurate enough to calibrate short wave or AM receivers. Adaptable for TTL logic for use with counters, clocks, WWV, timers, oscilloscopes, frequency counters. Requires 3 "AA" cells. 28-140 ..... 9.95



NEW  
FOR 77

## AC/DC/Ohms Indicator

**695**

Brightness of LED (light emitting diode) indicates current and degree of resistance. Tests small appliances, light bulbs, motors, audio speakers, fuses, circuit breakers. Can even test transistors and diodes without damage. Requires 2 "AA" cells. 28-141 ..... 6.95

## You Need Only a Few Basic Tools



Just a screwdriver, long-nose pliers, diagonal cutter and low-wattage soldering iron. Some P-BOX kits may even be assembled without soldering, if you wish.

## There's a Science Fair P-BOX Kit for Every Interest

**One-Tube AM Radio Kit.** Tunes the entire 540-1600 kHz band. With earphone. Requires one "AA" and one 22½V cell. 28-100 ..... 4.95

**2-Transistor AM Radio Kit.** Listen with earphones included or use it as a tuner. Requires 9V battery. 28-102 ..... 3.95

**Wireless AM Mike Kit.** Broadcast to any AM radio up to 20 feet away. With microphone. Requires 9V battery. 28-103 ..... 5.95

**3-Way Code Oscillator Kit.** Learn Morse Code the easy way. Complete with speaker and code guide. Requires 4 "AA" cells. 28-105 ..... 4.49

**"Rise-Fall" Siren Kit.** Requires 4 "AA" cells for portable use or a 6V cell for heavy-duty use. 28-107 ..... 5.95  
Battery Clip. 270-383 ..... 69¢

**3-Transistor Shortwave Radio Kit.** Regenerative high-gain detector, 2 audio stages. Tunes 4.5-50 MHz. With earphone. Requires 9V battery. 28-110 ..... 7.95

**2-Transistor FM Radio Kit.** You'll be proud of the static-free reception on most local 88-108 MHz stations! With earphone. Requires 9V battery. 28-115 ..... 6.95

**Telephone Amplifier Kit.** Amplifies caller's voice — great for family or conference calls. Also an aid to the hard-of-hearing. Suction cup magnetic pick-up, built-in speaker and cord. Requires 9V battery. 28-116 ..... 6.95

**Electronic Metronome Kit.** Easy-to-set speed adjustment covers "Largo" to "Presto." Requires 9V battery. 28-118 ..... 3.95

**3" Extension Speaker Kit.** Works with any 8-ohm portable radio or recorder, intercom, or with other P-BOX kits. With 6-ft. connecting wire. 28-123 ..... 1.95

**Photo Night Light Kit.** Automatically turns on its own light bulb when room darkens — makes a good burglar deterrent. Requires "C" cell. 28-126 ..... 2.95

**Light-Operated Alarm Kit.** Produces shrill sound when light source is broken by intruder. Mount on door, window, across any path. SCR-operated. Requires "AA" cell. 28-128 ..... 4.95

**"Goofy-Lite" Neon Lamp Flasher Kit.** Five neon lamps fire either at random or in sequence, so they seem to "jump" from place to place. Requires 4 "AA" cells or one 6V Lantern battery. 28-130 ..... 5.95

**Voice-Controlled Relay Kit.** Your own voice will give you automatic on-off control of a cassette recorder, transceiver, alarm, or lights. DPST relay with sensitivity switch. Requires 9V battery. 28-131 ..... 6.95

**Indoor/Outdoor Electronic Thermometer Kit.** A switch and two sensors let you check either temperature at a glance. Reads -20° to +120°F. Requires 9V battery. 28-135 ..... 8.95