Radio Shack presents 184 pages of electronics for home, auto, business and education. Every product in our new catalog is either engineered by us and made in our own factories or custom manufactured to our specifications. See the latest in technology at over 7000 Radio Shack stores and participating dealers. There’s one near you.
PRICE AND TECHNOLOGY BREAKTHROUGH!
LIGHTWEIGHT HANDHELD CELLULAR PHONE

Carry It Along With You to Make or Take Calls Wherever You Go!
Keep in Touch When You’re Out of Your Office, Home or Car

1499.00
Commercial Lease
Low As 49.95
ESP Available
Plus applicable sales/use tax

- The Most Affordable Portable Available Anywhere
- Fits in Your Briefcase—Only 1 1/2" Wide
- Weighs Only 28 Ounces, Including Batteries
- Includes Built-In Rechargeable Battery Pack, Antenna, Carrying Case and Strap

Radio Shack CT-300. All the convenience of a full-feature cellular phone in a truly portable size! You can easily carry it with you anywhere you go and use it just as you would a regular pushbutton phone. But you can use it at times when you would normally be out of contact. At the job site, in a rental car, on a service call or relaxing on a boat. You’re always accessible if an immediate response is necessary, and you can manage your time more efficiently. You can use your portable phone in and around the over 110 cities in the USA that now have cellular service, with more cities on the way.

No larger than a cordless telephone, the CT-300 gives you all this! Memory for accurate speed-dialing of up to 40 phone numbers. High-energy batteries that deliver up to 15 hours standby or 1½ hours of talk time on one charge, and that can be recharged in only 60 minutes. Cumulative call-time display so you can easily keep track of the amount of time your phone has been in use. And an electronic "lock" that restricts phone use and is easily reprogrammable through the keypad. Other features include a low-battery warning tone, and indicators for "No Service", "In Use" and "Roam". Has 600-milliwatt power output.

We make the CT-300 easy to own with leasing and credit plans, in-store processing of all start-up paperwork and programming of the phone. You walk out with a working cellular telephone! Backed by our one-year limited warranty. It's your best buy, by far. Requires charging stand plus AC adapter or mobile mounting kit. 17-2001

Accessories for the CT-300

Charging Stand. Recharges battery pack in one hour! Permits operation while charging batteries. Requires AC adapter or mobile mounting kit. 17-602 59.95
AC Adapter. UL listed. 273-1653 18.95
Extra Rechargeable Nickel-Cadmium Battery Pack. Output: 1 ampere-hour. 17-604 59.95
Handsfree/Data Interface*. Enjoy two-way hands-free conversations. Full duplex. Also serves as interface for Tandy laptop computers. 17-601 69.95

*Available on special order Sept. 30, 1987

Make Last-Minute Calls
Communicate at Job Sites
Even Use on Your Boat

Mobile Mounting Kit
Use the CT-300 in your car as a mobile cellular phone! Our Mobile Mounting Kit allows installation of Charging Stand #17-602 (extra) in a vehicle. You can make and take calls while you’re driving to and from work, stuck in traffic or taking the kids to practice. Quick-release design allows easy disconnect of charging stand from the mobile mounting kit. Includes DC power cord and mounting hardware. 17-603 24.95
Prices shown are cash prices and subject to change without notice.
Radio Shack CT-200. The car phone that converts to a full 3-watt transportable—that's five times the output of many portables. You get the power you need for maximum range and clear sound inside or outside your car. You can make and take calls just as you would with a regular pushbutton phone. But—you can use it at times when you would normally be out of contact. When you're stuck in traffic, making a delivery, or on a service call. Snap on the Portable Adapter Pack (below) and you can be "on line" at a job site, in a rental car or on a boat. It also switches easily to your family car, so you or mom and the kids will never have to drive "alone". An optional handsfree kit is available so you can make and take calls without using or lifting the handset. You can also add a horn alert that informs you of an incoming call by sounding the horn or lighting the headlamps. Adjustable handset volume and built-in speaker for handy "on hook" dialing. Includes handset cradle, mounting brackets, hardware and cable. 12VDC neg. gnd. 17-1003

CT-200 Cellular Phone Accessories

Portable Adapter Pack. Locks on to the transceiver for transportable operation. Includes flexible antenna, DC power adapter/charger with cigarette lighter plug, and shoulder strap. Batteries extra 17-203 119.95
Rechargeable Battery. For use in Portable Adapter Pack. Two required. 23-181 Each 9.95
AC Charger. UL listed. 17-202 19.95
Extended-Life Battery Pack. 23-182 59.95
Handsfree/Data Interface. Full duplex. 17-501 69.95
Data Cable Kit*: Connect to Handsfree (17-501) above to interface with Tandy* laptop computers. 17-502 19.95
Extension Handset*. Allows use of a second handset in large cars, RVs or vans. 17-402 199.95
Horn Alert Kit*: AXX-7120 39.95

Cellular Telephone Mobile Antennas

Magnet-Mount. Easy to mount and move. Was $29.95 in 1987 Catalog. Gain: 3 dB 17-302 24.95
NEW! Glass-Mount. Improved performance! Easier to install! Mounts to window glass—no holes required. Goes through car washes safely. Gain: 3 dB 17-304 49.95

* Available on special order

Extended Service Plan for Radio Shack Cellular Telephones Available—See Page 92

Compare! Check CT-200's Great Features

Backlighted 16-Digit LCD Display. Makes it easy to check the number dialed before the call is placed
Last Number Redial. Convenient one-touch redialing of the last number you called if it was busy or unanswered
Backlighted Keyboard. Keys and controls are illuminated for easier, safer operation in low-light conditions and while driving at night
Memory Dialing. Stores up to 98 numbers of up to 32 digits each for fast 2-digit dialing. It's easy to use any long-distance service and make credit card calls while you drive
Status Indicators. The ROAM indicator lights when you're out of your "home" service area. NO SVC lights when you are out of a cellular service area. Also has power-ON and IN USE indicators.

Key Handset Features

- Key Entry Tone With Off Switch
- Electronic Lock to Prevent Unauthorized Phone Use
- Power-On Display of Telephone Number, A/B Setting and Call Forwarding Status
- Scratchpad Memory—Enter a Number While Using Phone
- DTMF Dialing
- Call in Absence Indicator

* Available on special order
AFFORDABLE CELLULAR MOBILE TELEPHONE

Radio Shack’s Lowest-Ever Price for a Full-Feature, Full-Power Mobile Phone You Can Install Yourself

NEW FOR 88 799.00 Mobile antenna extra Low As $40.00 Installs Quickly, and Transfers Easily From Work Car to Family Car

Available Sept. 30, 1987

Handset Mounts Conveniently On the Floor or Dash
Tranceiver Unit Mounts Easily Under Dash, Seat or in Trunk

Full Duplex Handsfree Included—Make Calls Without Lifting Handset
All Controls Are Located in the Handset

Radio Shack CT-100. Now the convenience of a full-feature cellular mobile phone is even more affordable. You can make and take calls anywhere you drive, wherever there’s cellular service. It’s the easy way to stay in touch while going to and from work, on a service call or making a delivery. Moves easily to your personal car so you or a family member will never have to drive alone. Features backlit LCD display and keyboard, 98-number memory and a full duplex handsfree for making or receiving calls without using or lifting the handset. Built-in speaker/monitor permits on-hook dialing. When you’re out of your vehicle, the optional horn alert informs you of an incoming call by sounding the horn or lighting the headlamps. Full 3-watt output for maximum range. With mounting hardware and bracket. 2 3/8 x 8 x 6 1/3’! 12VDC neg. gnd.

17-3001 ........................................... 799.00
Handset Extension Cable*. For unusual mounting situations. Length: 10-foot . 17-701 ........................................... 24.95

* Available on special order

Powerful and Vital Tools for Modern Living...
Radio Shack Cellular Telephones

Radio Shack cellular telephones give you an extra edge in business as well as personal communication. They help you manage your time and resources more efficiently. You’re always accessible if an immediate response is necessary, and you save money on travel, fuel and pay phone charges. And, there are also many personal reasons why you should have a Radio Shack cellular phone.

A Radio Shack cellular phone is the ultimate security device because you or your family will never have to drive "alone" again. If help is needed, the police, a tow truck, the family doctor or mechanic are just a cellular phone call away. You can even phone to let friends, relatives or a babysitter know if you’re running late. A Radio Shack cellular phone also helps you manage your free time better. In fact, it adds to your free time. You’ll always be in touch while running errands, shopping or taking the kids to practice. If a last-minute trip into town is needed, you can be notified before you get home, so you won’t have to turn right around and leave again. Great for vacations, too, because anyone can get in touch with you just by dialing your cellular number. And you can call ahead for directions or to let them know your time of arrival. You can use your cellular phone in and around over 110 U.S. cities, with more cities offering cellular service on the way.

Now it costs less than you think to enjoy the countless benefits of a cellular telephone. Breakthrough low prices and easy monthly payments, combined with special cellular service packages offered by many of Radio Shack’s cellular carriers, makes a cellular telephone something more and more people are making a part of their lives for non-business uses.

Backed by Quality Service and Support. Radio Shack makes it easy to activate your cellular phone. We handle all start-up paperwork and program your phone right in the store. All our cellular phones are backed by our One-Year Limited Warranty that’s honored nationwide. We also offer a low-cost Extended Service Plan that gives you a total of three years parts and labor coverage. And, should service ever be required, it’s available through any of the 7000 Radio Shack stores and dealers from coast to coast.

Now it costs less than you think to enjoy the countless benefits of a cellular telephone. Breakthrough low prices and easy monthly payments, combined with special cellular service packages offered by many of Radio Shack’s cellular carriers, makes a cellular telephone something more and more people are making a part of their lives for non-business uses.

Service Provided by These Cellular Carriers

ALLTEL • AMERITECH • BELL ATLANTIC • BELL SOUTH • CELLULINK
CELLUNET • CENTEL • COMMONWEALTH TEL • CONTEL • GTE • LINX
NYNEX • PACTEL • RADIOFONE • ROCHESTER TEL • SOUTHWESTERN BELL
UNITED TELESPRINT • U.S. CELLULAR • U.S. WEST • UTICA TEL
FEATURE-PACKED VHS VIDEO CAMCORDER

A Video Camera and VCR in One!
Shoot Your Own Movies and Watch Them Instantly

NEW

FOR

88

1299.00

Low As $65 Per Month*

Extended Service Plan Available
Available Sept. 30, 1987

Camera Features
- 1/3" MOS Imaging System
- Low-Light (7 Lux) Recording
- 1/3" Electronic Viewfinder
- Variable-Speed Shutter
- Infrared Auto-Focusing
- Auto White Balance and Iris
- Handy Electronic Self-Timer

Record
Features
- HQ System for Improved Picture Sharpness
- Uses Standard VHS Tapes
- Forward and Reverse Visual Search at Three Times the Normal Playback Speed
- Two Hours Recording Time

Play
Features
- Two Hour Battery Pack, Mobile 12 VDC Power Cord, A/V Input Adapter to connect MovieCorder to a VCR for dubbing, RF Converter to play MovieCorder on any TV on Channel 3 or 4.

These Accessories Available on Special Order
- Two-Hour Battery Pack, Mobile 12 VDC Power Cord, A/V Input Adapter to connect MovieCorder to a VCR for dubbing, RF Converter to play MovieCorder on any TV on Channel 3 or 4.

SPECIFICATIONS

Apply for Revolving Credit Today and Increase Your Buying Power—See Page 3
ULTRACOMPACT VHS-C CAMCORDER

An Integrated Video Camera and VCR That Weighs Just 42 Ounces*

1299.00
Low As $65 Per Month*

Extended Service Plan Available
Available Sept. 30, 1987

Camera Features
- 2/3" MOS Imaging System
- Low-Light (7 Lux) Recording
- 2/3" Electronic Viewfinder
- Infrared Auto-Focusing
- Auto White Balance and Iris
- Handy Electronic Self-Timer

Record/Play Features
- HQ System for Improved Picture Sharpness
- Forward and Reverse Visual Search at Three Times the Normal Playback Speed
- Up to One Hour Recording Time At EP Speed

Realistic® Model 150 Compact MovieCorder. Now it's easier than ever to make home "movies" you can watch instantly! Everything you need to record and play back is in one tiny package. Take it anywhere for point-and-shoot convenience. Automatic features take the guesswork out of critical functions like focusing, adjusting exposure and setting white balance. Self-timer starts recording after 30 seconds so you can join the action. After you capture the memories on tape, connect the Compact MovieCorder to any TV set to play them back. When shooting, use Instant Review to check the last few seconds you have recorded. The video can be viewed instantly in the viewfinder and audio can be heard through an optional earphone. Plus, the compact VHS-C cassette is fully compatible with any standard VHS VCR. Just insert the VHS-C cassette into the motorized adapter, load the adapter in VCR and play. The adjustable 2/3" electronic viewfinder displays what you are shooting as it will appear on your TV. Its fast f/1.6 lens goes from wide-angle to long-range telephoto shots with motorized smoothness. HQ (High Quality) circuitry delivers remarkably detailed pictures, even on recordings at EP speed. Visual search, at three times normal speed, allows you to scan through the video for specific material.

The adjustable 2/3" electronic viewfinder displays what you are shooting as it will appear on your TV. Its fast f/1.6 lens goes from wide-angle to long-range telephoto shots with motorized smoothness. HQ (High Quality) circuitry delivers remarkably detailed pictures, even on recordings at EP speed. Visual search, at three times normal speed, allows you to scan through the video for specific material.

These Accessories Available on Special Order
Two-Hour Battery Pack, 12 VDC Power Cord, RF Converter for playback on any TV, extra VHS-to-VHS-C Adapters, Accessory Shoe Adapter.

SPECIFICATIONS

*Weight without battery.
INTEGRATED FM/AM/TV AUDIO/VIDEO RECEIVER

35 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.3% TOTAL HARMONIC DISTORTION

599.95
Low As $30 Per Month
Available Oct. 30, 1987

Exclusive Features Put You in Command of Even the Most Sophisticated Audio/Video System—All by Remote Control

Realistic® AV-900. The ultimate "marriage" of audio and video! This receiver/control center is engineered to be the heart of a complete high-performance A-V system. It eliminates the need for and expense of switchboxes, multiple components and a tangle of patch cords. It makes the most complex operations simple, many at the touch of a single button. The AV-900 is exactly what you need to fully enjoy everything available on home video and audio today.

This amazing performer is a full-featured TV-audio tuner—MTS stereo, SAP and UHF/VHF broadcasts, plus cable channels. It is a high-fidelity digital-synthesized AM/FM stereo receiver. And it is an audio/video control center. Our exclusive simulcast function not only delivers TV/FM simulcast programs but even stores four cable channel/FM stereo frequency "pairs" in memory—you no longer need to get up and tune them separately each time you switch channels! The one-touch memory preset locks in the FM frequency and the corresponding cable channel simultaneously. The TV receiver is compatible with all TV receivers (RF output, channels 3-4) and video monitors (baseband) to deliver the finest audio/video. And you control it all with the infrared remote.

You can connect and control your choice of audio and video equipment. Hook-up a turntable, tape deck, CD player, two VCRs (or one VCR and a video disc player), plus a Dolby® surround decoder—and manage them all through the AV-900. Dub from VCR to VCR, from CD to stereo, from turntable to cassette—all without ever switching a patchcord. And imagine this—you can watch a ballgame while dubbing a personal video, or put your favorite music onto the soundtrack of any videotape—even from a CD.

This is "the" all-in-one audio-video component, yet it couldn't be easier to use. UL listed AC. Remote requires 2 "AAA" batteries. Come in and we'll show you how great the AV-900 really is.

AMPLIFIER. Response: 20-20,000 Hz ±1 dB. S/N: 84 dB Phono. 88 dB CD/Aux.
Sensitivity for Rated Power: 2.5 mV Phono. 150 mV CD/Aux.
FM TUNER: Sensitivity for 50 dB quieting (dBf): 40.2.
TV TUNER: 140-channel, Cable HRC offset.
VIDEO DUBBING: Bidirectional with processor loop. EXTERNAL CONNECTIONS: 75-ohm TV antenna, cable TV, 75-ohm FM antenna, AM antenna, magnetic phono, audio tape in/out, TV (RF) out, video monitor (baseband) output, VCR1 in/out, VCR2 in/out, aux in, speakers left/right, "4 1/2" headphone. Size: 43/16 x 16 1/2 x 12 3/16".

Save $190.70
Reg. Separate Items 1889.70
SYSTEM 1699.00
Low As $85 Per Month

Realistic AV-900 AM/FM/TV Audio/Video Receiver
Two Nova®-15 2-Way Bass-Reflex Speaker Systems
Realistic LAB-450 Semi-Automatic Turntable With Cartridge
Realistic Model 43 VHS Hi-Fi VCR With Wireless Remote
Radio Shack TC-1010 19" Color TV/Monitor

Save $290.40
Reg. Separate Items 2889.40
Recordings not included
SYSTEM 2599.00
Low As $130 Per Month

Realistic AV-900 AM/FM/TV Audio/Video Receiver
Two Optimus®-600 3-Way Tuned-Port Speaker Systems
Model 43 VHS Hi-Fi VCR LAB-2200 Turntable
CD-1500 Compact Disc Player Universal Remote Control
10-Band Graphic Equalizer TC-1010 19" Color TV/Monitor
SCT-83 Cassette Deck Deluxe Audio and Video Racks

Apply for Revolving Credit Today—See Page 3 / TV Screens Measured Diagonally—Simulated Reception
DELUXE VCRs WITH STEREO TV TUNERS

VHS Hi-Fi Stereo With HQ and On-Screen Programming

NEW FOR 88 599.95
Low As $30 Per Month •
Extended Service Plan Available

Watch, Record and Play
MTS Stereo-TV Programs
And SAP Broadcasts

Realistic Model 43. State-of-the-art audio and video! You'll enjoy full-range stereo sound on VHS Hi-Fi prerecorded tapes, stereo TV broadcasts and TV/FM simulcasts—just connect this VCR to your stereo system. The high-quality (HQ) circuitry delivers visibly sharper pictures. On-screen programming displays step-by-step prompts directly on your television screen for easy, errorproof programming. And with quick-timer recording, you can start a timed recording by pressing a single control. With slow motion, pause/still and frame advance you can put the action "on hold" and view every move—super for sports and action-packed movies. Also has a convenient auto-function feature that loads a tape, plays it, rewinds it, and shuts off the VCR automatically.

Realistic Model 33. Super performer that connects to your stereo system for incredible audio depth and realism. Enjoy MTS stereo TV broadcasts, TV/FM simulcasts and SAP (second language) sound when available. The built-in Dolby NR system reduces tape hiss and extends dynamic range on Dolby VHS stereo tapes. On-screen programming displays operational "help" prompts right on your television screen for easiest possible programming. HQ system delivers a clearer, more detailed picture. High-speed forward/reverse visual search helps you find selections fast. Pause/still function "freezes" the action on your screen. Quick-timer recording feature starts a timed recording by pressing a single control.

And, with VHS Hi-Fi stereo, your VCR can double as an incredible audio recorder with clarity rivaling a compact disc. High-speed forward/reverse visual search and quick motion (double-speed) help you locate exact selections fast. Features a cable-ready 111-channel tuner, easy-to-read digital channel display, easy-to-program 14-day/6-event daily/weekly timer, 3-speed record/play, electronic 4-digit tape counter with memory rewind, tuner/simulcast/aux input selector, TV/VCR selector and 5-step audio-level meter. Amazing 33-function hand-held infrared remote control handles every major operation from the comfort of your chair—including all special effects. 3½ x 17¼ x 15½" UL listed AC. Remote requires 2 "AA" batteries. 16-613 599.95

VHS Stereo With Dolby NR Plus HQ
For High Resolution

NEW FOR 88 499.95
Low As $25 Per Month •
Extended Service Plan Available

On-Screen Programming Displays Helpful Prompts on Your Television Screen

Realistic Model 33. Super performer that connects to your stereo system for incredible audio depth and realism. Enjoy MTS stereo TV broadcasts, TV/FM simulcasts and SAP (second language) sound when available. The built-in Dolby NR system reduces tape hiss and extends dynamic range on Dolby VHS stereo tapes. On-screen programming displays operational "help" prompts right on your television screen for easiest possible programming. HQ system delivers a clearer, more detailed picture. High-speed forward/reverse visual search helps you find selections fast. Pause/still function "freezes" the action on your screen. Quick-timer recording feature starts a timed recording by pressing a single control.

Also features a cable-ready 111-channel frequency-synthesis tuner, bright and easy-to-see fluorescent digital channel and function display. 14-day/6-event daily/weekly timer. Has convenient power on/off switching from the remote control, 3-speed operation for extended recording time on a single cassette, automatic program search, electronic 4-digit tape counter with memory rewind, audio-video/simulcast/tuner input selector and a TV/VCR selector. The 19-function infrared remote control features 10-key direct-access tuning, forward/reverse visual search and pause/still controls. 3½ x 16½ x 12½" UL listed AC. Remote requires 2 "AAA" batteries. 16-703 499.95

All Realistic VCRs Include All Cables Required for Hookup to Any Standard TV Set
EASY-TO-PROGRAM VCRs WITH SPECIAL EFFECTS

VHS With On-Screen Programming, HQ and New Digital Video Features

NEW FOR 88 FOR 499.95
Low As $25 Per Month
Extended Service Plan Available
- Incredibly Easy Remote-Control Programming With Prompts Displayed on Your TV Screen
- Remote Picture-in-Picture and Digital Video Memory Effects

Realistic Model 70. Much more than an ordinary VCR. You get on-screen programming, exciting new digital video effects, and an amazing 45-function remote control. Remote-control picture-in-picture mode puts a broadcast or cable program in the corner of the screen while you watch a tape. You can enjoy a movie and keep up with the ball game! Shift control on the remote instantly exchanges the two images. Remote-control digital video memory stores one scene of a broadcast/cable program. You can "freeze" the big play and recall it later with the touch of a key. Timer has extended 21-day, 8-event capacity. The HQ system and built-in comb filter combine for visibly superior resolution. Remote has controls for on-screen programming, programming "help," power on/off, TV/VCR selection, forward/reverse search, slow motion, frame advance, 10-key direct and up/down scan tuning. VCR has a cable-ready 100-channel frequency-synthesis tuner, quick-timer recording, automatic end-of-tape rewind/eject/shut off, 3-speed recording, and electronic tape counter with memory rewind. Audio and video input/output jacks. 41/16 x 15/16 x 11/16". UL listed AC. Remote requires 2 "AA" batteries.

16-651 .................. 499.95

VHS HQ With On-Screen Programming and Four Heads for Special Effects

NEW FOR 88 FOR 469.95
Low As $24 Per Month
Extended Service Plan Available
- 14-Day, 4-Event Timer With Remote-Control Programming and Prompts Displayed on TV Screen

Realistic Model 24. Four heads for outstanding special effects—sharp and stable "freeze", slow motion and video search. Wireless remote control lets you advance frame-by-frame, watch slow or high-speed motion, and program the timer. On-screen prompts make programming easy and practically mistake-proof. The remote also has controls for forward/reverse video search, quick-timer recording start and length, power on/off, TV/VCR switching, tape speed selection, 10-key direct and up/down scan tuning. The VCR has easy-to-read fluorescent timer and LED channel displays, 4-digit electronic tape counter with memory, cable-ready 111-channel frequency-synthesis tuner, and soft-touch operating controls. Easy for anyone to use—insert a tape for automatic playback, rewind, eject and shut off. You also get audio and video input/output jacks with a tuner/aux input selector. This control eliminates the need to unplug accessories or second VCR when you record from the VCR tuner. 37/8 x 17/16 x 13 1/4". UL listed AC. Remote requires 2 "AAA" batteries.

16-512 .................. 469.95

Realistic VCRs Include the Cable Required for Hookup to Any Standard TV Set
VCRs AND HOME/MOBILE VIDEO PLAYER

VHS HQ With Remote and On-Screen Programming

NEW FOR 88 $419.95 Low As $21 Per Month ESP Available

- 14-Day, 4-Event Timer With On-Screen Prompts and Remote Programming
- Cable-Ready 111-Channel Tuner

Realistic Model 23. A top performer featuring the HQ system for superior picture and on-screen prompts for easy, practically errorproof timer programming. The 32-key wireless remote provides all of the main operating functions—timer programming, power on/off, TV/VCR selection, 10-key direct and up/down scan tuning, pause/still frame, forward/reverse visual search, quick-timer recording start/length, and tape speed selection. Easy for anyone to use—insert a tape for automatic playback, rewind, eject and shut off. Quick-timer recording feature lets you start a timed recording by pressing a single control. You can extend the recording time up to four hours in 30-minute steps. Also has power-interrupt protection to preserve timer memory during brief power failures. Backspace editor feature gives you jitter-free results when you edit out unwanted material while recording. Digital-synthesized tuner for exact frequency control. Easy-to-read fluorescent timer and LED channel displays. Audio and video inputs/outputs with tuner/aux input selector. 3% x 17% x 13% UL listed AC. Remote requires 2 "AAA" batteries. 16-511

Value-Packed VHS VCR With HQ and Remote

NEW FOR 88 $349.95 Low As $18 Per Month ESP Available

Easy-to-Program 14-Day, 6-Event Timer With Daily and Weekly Repeat Feature

Realistic Model 19. Start enjoying prerecorded tapes and all those programs you've been missing! Even our lowest priced VCR gives you the very latest low-profile styling and easy operation. Insert a tape for totally automatic playback, rewind, eject and shut off. The wireless remote control provides power on/off, TV/VCR selection, up/down tuning of 32 preset channels, forward/reverse visual search, and pause/still viewing with a special noise-cancel feature. Convenient one-touch quick-timer recording starts a timed recording with the touch of one button. The VCR stops automatically at your preset time which you can extend to four hours in 30-minute steps. Also features 3-speed operation with automatic playback speed selection, cable-ready 110-channel tuner, 4-digit tape counter with memory rewound, fluorescent timer and channel display. Backspace editor for jitter-free results when you edit out unwanted material while recording. Power-interrupt protection preserves timer memory during brief power failures. Audio and video inputs/outputs with tuner/aux input selector. 3% x 17% x 13% UL listed AC. Remote requires 2 "AAA" batteries. 16-508

Video to Go! Our VHS Video Player Operates on AC or 12 Volts DC

- Enjoy Tapes at Home and in Your Car, RV or Boat
- Includes DC Cord With Cigarette Lighter Plug
- Video Power Pack Available for Portable Operation

NEW FOR 88 $199.95 Low As $15 Per Month ESP Available

Realistic Model 10. At last! A video player you can easily carry room-to-room, take to a party, even put in the back seat to entertain the kids. Features automatic tape-speed selection, selectable automatic rewind/refresh or rewind/repay, forward/reverse picture search, and carrying handle. RF cable for hookup to any TV. Also has audio/video outputs. 4% x 11% x 13% UL listed AC or 12 VDC neg. gnd. 16-403

Extended Service Plan Available for Realistic VCRs—See Page 92

See pages 99, 100 for mobile/portable TVs and page 149 for Portable Video Power Pack.
OUR BEST! DIGITAL RECEIVER WITH REMOTE

100 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

NEW FOR 88

499.95
Low As $25 Per Month

ESP Available
Available Sept. 30, 1987

Wireless infrared Remote for Easy Armchair Operation
Quartz Crystal Accuracy for Precise Tuning

Realistic® STA-2700. One of the finest stereo receivers you can buy. This versatile powerhouse brings together the latest advances in micro-processing and audio technology, resulting in amazing sonic purity and the luxury of remote control. It's the ideal receiver to serve as the heart of a sophisticated audio and video system. Tune up and down the FM and AM bands with the multifunction wireless remote or manually with the feather-touch control bar. Or, use the search mode to scan to the next available station. The system locks stations on-frequency, automatically skipping over weaker signals. You can even store six FM and six AM stations in memory for instant recall. Digital fluorescent display shows exact station frequencies. Also features 5-segment LED signal strength meter and dual 7-step output power meters. Full array of inputs and outputs make this the perfect partner for your VCR or digital disc player. Built-in tape control center for 2-way dubbing and 2-deck monitoring. Loudness control enhances bass at lower volumes. MPX blend cuts hiss on weak FM stereo signals. FM muting eliminates interstation tuning noise while high-filter cleans up record "scratch". Subsonic filter cuts power-robining distortion. LED function indicators show you mode selection at a glance. Protected against overheating and overload. UL listed AC. Remote requires 2 "AA" batteries.

Save

SYSTEM

839.00
Low As $42 Per Month

Reg. Separate Items 929.80

Realistic STA-2700 AM/FM Stereo Receiver
Two Optimus®-900 3-Way Speaker Systems
LAB-450 Direct-Drive Automatic Turntable

Save

SYSTEM

1139.00
Low As $57 Per Month

Reg. Separate Items 1269.75

Realistic STA-2700 AM/FM Stereo Receiver
Two Optimus-1000 Digital-Ready Speakers
LAB-2200 Linear-Tracking Turntable
SCT-83 Logic-Controlled Cassette Deck

Save

SYSTEM

1449.00
Low As $73 Per Month

Reg. Separate Items 1609.70

Realistic STA-2700 AM/FM Stereo Receiver
Two Mach-Two Digital-Ready Speakers
CD-1500 Compact Disc Player With Remote
SCT-100 Dual-Cassette Deck
Audio Rack

All Realistic Turntables Include Base, Dust Cover and Cartridge—No Extras to Buy
Realistic STA-2280. Advanced features and dynamic audio power combine to add a new dimension to high-fidelity sound. The IMX Stereo Expander circuit creates an effect similar to the latest reflecting-type speakers. You hear a wide sound stage which actually extends beyond the speakers. Vocalists and instruments seem to come from a more precise position, giving the music an amazing "live" quality. And since IMX widens the sound field electronically, you can vary it to suit your listening area and also enjoy it with headphones. The IMX circuit can be switched out for an instant comparison with unprocessed sound. Tuner features a search mode for scanning up and down the FM and AM bands automatically—the system stops at each station and locks it on-frequency. You can use the feather-touch control bar for manual tuning, and program six FM and six AM stations in memory for instant recall. Digital fluorescent display shows frequencies. FM muting eliminates tuning noise between stations. Separate 11-step bass, treble and midrange controls, plus loudness switch for solid bass at low volume. High-filter cleans up record "scratch". Subsonic filter cuts power-robbing distortion. Monitor and dubbing controls for two tape decks. Inputs for CD player, video sound source, magnetic turntable. LED indicators for function, memory, FM stereo, stereo expander. UL listed AC. 31-3006 .................. 399.95

**SPECIFICATIONS**


* TM Sci-coustics, Inc.

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**SYSTEM**

**Save $70.80**

Low As $33 Per Month*

- Realistic STA-2280 AM/FM Stereo Receiver
- Two Optimus-600 3-Way Speaker Systems
- LAB-450 Direct-Drive Turntable

**SYSTEM**

**Save $100.75**

Low As $44 Per Month*

- Realistic STA-2280 AM/FM Stereo Receiver
- Two Optimus-900 3-Way Speaker Systems
- LAB-2200 Linear-Tracking Turntable
- Realistic SCT-45 Dual-Cassette Deck

**SYSTEM**

**Save $130.70**

Low As $60 Per Month*

- STA-2280 Digital-Synthesized Receiver
- Two Optimus-1000 Digital-Ready Speakers
- CD-2300 Compact Digital Disc Player
- SCT-74 Dual-Cassette Deck • Audio Rack
DIGITAL-SYNTHESIZED RECEIVERS & SYSTEMS

Start Your Stereo System With This Versatile Feature-Packed Performer

259.95
Low As $15 Per Month

- Memory Stores Six FM and Six AM Stations
- One-Touch Automatic Search Tuning System
- Digital Fluorescent Frequency Display

Realistic® STA-116. Space-age technology at your fingertips. Digital tuning lets you scan up and down the FM and AM bands. The system stops at each station and locks in on-channel with quartz accuracy. The feather-touch control bar makes manual tuning equally simple. Also features 5-LED signal strength meter, FM stereo LED indicator and automatic station memory-retention for temporary AC power failure. Loudness control for enhanced bass at lower volume settings. Subsonic filter reduces distortion. Protected against overheating and overload. UL listed AC.

30 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.08% TOTAL HARMONIC DISTORTION

30 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.08% TOTAL HARMONIC DISTORTION

Digital-Synthesized AM/FM Stereo Receiver With Search Tuning

219.95
Low As $15 Per Month

- Search Mode Lets You Scan Up and Down the FM and AM Bands to Find Stations Easily
- Easy-to-See LCD Frequency Display

Realistic® STA-125. Even though it's feature packed, this receiver is still user-friendly. Just press the feather-touch tuning control in forward or reverse mode and the digital system locks in the next station with quartz accuracy. You can store up to six FM and six AM stations in memory for instant recall. FM stereo LED, 5-step LED signal strength meter. Loudness for enhanced bass at low volume. Noise-cancelling circuitry eliminates switching "pops" that can damage speakers. FM muting silences tuning noise between stations. UL listed AC.

22 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.08% TOTAL HARMONIC DISTORTION

Prices Apply at Participating Radio Shack Stores and Dealers / Systems Do Not Include Recordings
BUDGET-PRICED RECEIVERS & SYSTEMS

Affordable Stereo Receiver
With Exclusive Auto-Magic®

179.95
Low As $15 Per Month

- Auto-Magic Fine-Tuning Automatically Locks
  In FM Stations for Best Reception and Sound
- 5-LED Signal Strength Meter for Easy Tuning

Realistic STA-460. Attractive styling and dependable performance at a remarkable price! Has all the features and controls that make it the perfect choice for your first system. Phase-locked loop integrated circuit locks stations precisely on-frequency. FM stereo and perfect-tuning LED indicators, lighted dial pointer. Loudness button for enhanced bass response, even at low volume. Noise-cancelling circuitry eliminates switching "pops" that can damage speakers. FM muting silences tuning noise between stations. A/B speaker-pair switching, stereo/mono switch. Rotary bass, treble, volume and balance controls. Tape, phono, CD/aux and TV/aux inputs. Fully protected against overheating and overload. UL listed AC. 31-2100


Save $34.80
SYSTEM 315.00
Reg. Separate Items 349.80
Low As $16 Per Month

- Realistic STA-460 AM/FM Stereo Receiver
- Two MC-800 2-Way Walnut Veneer Speakers
- LAB-330 Belt-Drive Automatic Changer

Personal-Size Receiver
With Auto-Magic—Fits Almost Anywhere

119.95
Low As $15 Per Month

- Auto-Magic Fine-Tunes FM for You
- 1/8" Jacks for Adding Lightweight Headphones & Mini Cassette Player

Realistic STA-19. Don't let the small "desktop" size fool you—this is a solid performer that delivers superb stereo sound! It's ideal for powering a small system in dorm room or office, or a second system in your den or workshop. Special EQ switch provides uniform energy output at all frequencies for a rich, full sound even from mini-speakers. FM stereo and tuning LEDs, easy-to-read tuning dial with LED pointer. Loudness control enhances bass response at low volume. Function switch for FM auto, AM, phono and tape. Walnut vinyl-over-metal case. UL listed AC. 31-1975


Save $20.85
SYSTEM 199.00
Reg. Separate Items 219.85
Low As $15 Per Month

- Realistic STA-19 Personal-Size AM/FM Stereo Receiver With Auto-Magic
- Two Minimus-7 2-Way Speaker Systems
MINI COMPONENTS, SYSTEMS & CHANGER

Space-Saving AM/FM Stereo Mini Tuner

59.95
Fits Almost Anywhere
ESP Available

Realistic* TM-150. Phase-locked loop circuitry for superb performance in a compact size. Features stereo/mono switch, FM stereo LED and an illuminated tuning dial. Built-in FM and AM antennas plus terminals for an external FM antenna. 21/2 x 9 x 6. UL listed AC. 31-1956 59.95

Our Matching Stereo Mini Amplifier

59.95
Use With Tuner Above or Other Components
ESP Available

Realistic SA-150. A truly fine performer in a small package! Use with stereo tuner, tape deck or a record changer. Features mono/stereo button, tone control and 1/4" headphone jack for private listening. Handsome walnut-grained vinyl veneer enclosure. 2 1/2 x 9 x 6. UL listed AC. 31-1955 59.95

Save $16.90
Reg. Separate Items 145.80
SYSTEM
129.00
Low As $15 Per Month

- Realistic SA-150 Mini Stereo Amplifier
- Realistic TM-150 AM/FM Stereo Tuner
- Two Minimus-0.3 Cube Speaker Systems

Save $24.75
Reg. Separate Items 213.75
SYSTEM
189.00
Low As $15 Per Month

- SA-150 Mini Amplifier
- TM-150 AM/FM Tuner
- Two Minimus-18 Walnut Veneer Speaker Systems
- SCP-30 Cassette Stereo Playback Deck

Save $30.70
Reg. Separate Items 309.70
SYSTEM
279.00
Low As $15 Per Month

- SA-150 Mini Amplifier
- TM-150 AM/FM Tuner
- Two Minimus-25 Speakers
- SCP-30 Cassette Stereo Playback Deck
- LAB-89 Auto-Changer

Belt-Drive Automatic Changer With Preamp

79.95
ESP Available

Realistic LAB-89. Upgrade your system the inexpensive way. Switchable preamp matches the magnetic cartridge to systems having only ceramic phono or aux inputs. Belt-drive system for quiet, dependable operation. Also features automatic arm return and shutoff, straight-line tonearm, cue lever. Slide-action selector for 33 1/3 or 45-RPM speeds. Plays 7, 10 and 12-inch records. Built-in 45-RPM adapter. 5 1/4 x 15 x 13 1/8. UL listed AC. 42-2986 79.95

All Realistic Turntables and Changers Include Base, Dust Cover and Cartridge—No Extras to Buy
REALISTIC HIGH-QUALITY TURNTABLES

Computer-Controlled Direct-Drive

Includes Realistic/Audio Technica Dual-Magnet Cartridge

$149.95
Low As $15 Per Month
ESP Available

Programmable to Repeat One Side Over and Over
Linear-Tracking Tonearm Plays Records the Same Way They Were Cut for Superior Sound

Realistic LAB-2200. A built-in microprocessor monitors the straight-line, low-mass tonearm to maintain proper stylus angle over the full surface of the record. The result is zero tracking error for cleaner sound and longer record life. Plug-in cartridge tracks at less than 1½ grams. Fully automatic start and shutoff operation. Soft-touch pushbuttons provide logic-controlled tonearm cueing and positioning so you never have to touch the tonearm. Neon strobe and pitch control for precise adjustment. Also features auto speed selection and record size control, plus a powerful, brushless DC servo motor. LED indicators for repeat: 33⅓ and 45-RPM speeds. Rumble: – 62 dB. Wow and flutter: less than 0.06%. Includes 45-RPM adapter. 4 x 13½ x 13⅝". UL listed AC. 42-2916 149.95

Direct-Drive Turntable With Light-Tracking Tonearm

Includes $29.95 Realistic/Shure Moving-Magnet Cartridge

$129.95
Low As $15 Per Month
ESP Available

Neon Strobe for Precise Pitch Control
Straight-Line Tonearm Damped Cueing

Realistic LAB-450. Pro-quality features, high reliability and excellent stereo at a great price! Controls are located on front panel for convenient operation. Damped cueing sets tonearm gently on records, and straight-line design provides precision tracking. Has automatic arm return and shutoff. 33⅓ or 45-RPM selector, adjustable antiskate and rubber mat. Rumble: – 65 dB. Wow and flutter: less than 0.05%. With 45-RPM adapter. 4½ x 14½ x 14⅝". UL listed AC. 42-2918 129.95

Belt-Drive Turntable With Switchable Stereo Preamplifier

Includes Realistic/Audio-Technica Dual-Magnet Cartridge

$89.95
ESP Available

Preamp Matches Equipment Having Ceramic-Phono Inputs
Automatic Arm Return and Shutoff

Realistic LAB-330. This versatile turntable delivers superb sound with any stereo system. Compatible with magnetic phono, ceramic phono, aux and even tape inputs. Belt-drive absorbs vibrations. Built-in neon strobe light and pitch control for making fast, accurate speed adjustments. Straight-line tonearm provides precise tracking and low distortion. Damped cue lever for manual operation. Pushbutton selector for 33⅓ and 45-RPM. Electronically controlled DC motor provides stable, reliable rotation speed. Rumble: – 55 dB. Wow and flutter: less than 0.1%. With 45-RPM adapter and rubber turntable mat. 3½ x 13½ x 12⅝". UL listed AC. 42-2917 89.95

Turntables and Changers on These Two Pages Operate at 33⅓ and 45-RPM Speeds
Audioworld

**Audio Perfection! Compact Disc Stereo**

Enjoy CDs Anywhere With Our Portable Player

**New for $88**

279.95

Low as $15 Per Month

Extended Service Plan Available

- Listen With Headphones or Connect to Home Stereo System
- 16-Selection Random-Program Memory
- Six-Digit LCD Display

Realistic CD-3100. Magnificent sound and easy operation in a CD player that’s really compact. It’s only 6½ x 5½ x 1½" with the included lock-on battery pack. Detach the pack for home use and it’s even smaller: 4⅜ x ⅞ x ⅛". Features soft-touch controls with “beep” indication, auto-search, 2-speed forward/reverse, shoulder strap, audio cable for connection to stereo system, ¼" headphone jack. (See page 56 for car cassette adapter). Requires 4 "AA" batteries or AC or DC adapter. 42-5008

- Frequency Response: 5-20,000 Hz +0.5 dB, -1.5 dB. S/N: 90 dB. Dynamic Range: 80 dB. Separation (at 1 kHz): 80 dB. Harmonic Distortion: 0.05%. Wow and Flutter: Below measurable limits.

**Upgrade Your Stereo System With a Realistic® CD Player**

Remote, 24-Selection Memory

259.95

Low as $15 Per Month

Extended Service Plan Available

Realistic CD-1500. Sonic excellence with total convenience! Wireless remote control provides all major functions. You can search up/down for index selections, program the extended-capacity memory, clear entries, repeat selections of a disc. New “floating” disc tray and Radio Shack’s proven Tri-Spot laser pickup system assure accurate tracking. Two-speed fast-forward/reverse and auto-search system give you fast access to selections. Switchable auto-space function automatically inserts a 4-second silent interval between disc tracks. UL listed AC. Remote requires 2 "AA" batteries. 42-5007

- Frequency Response: 5-20,000 Hz +0.5 dB, -1.0 dB. S/N: 90 dB. Dynamic Range: 90 dB. Separation (at 1 kHz): 90 dB. Harmonic Distortion: 0.006%. Wow and Flutter: Below measurable limits. Size: 2⅝ x 1¾ x 10⅞.

**Superb Performance at a Low Price**

219.95

Low as $15 Per Month

Extended Service Plan Available

Realistic CD-2300. Great value! This fine player adds state-of-the-art digital sound to your stereo system at a very modest price. Tri-Spot laser pickup system and new “floating” disc tray assure accurate tracking. Features a 4-digit fluorescent display with pushbutton control, auto-search music system for quick access to selections, and a memory that plays up to 15 selections in the sequence you program. Also has high-speed forward/reverse and pushbutton repeat-play of one selection, a group of selections or the entire disc. UL listed AC. 42-5006

- Frequency Response: 5-20,000 Hz +0.5 dB, -1.0 dB. S/N: 90 dB. Dynamic Range: 90 dB. Separation (at 1 kHz): 90 dB. Harmonic Distortion: 0.007%. Wow and Flutter: Below measurable limits. Size: 3⅛ x 1⅛ x 10⅛.

**Classics by The Masters**

12.95

Concert Hall Sound

The brilliance of a full orchestra like you’ve never heard it before. Includes works by Beethoven, Dvorak, Ravel, Mozart, Mussorgsky and Britten.

51-5005

12.95

**First-Class Jazz Greats**

12.95

Modern Moods

Popular jazz performers display their talents in this amazing digital showcase. Includes Spyro Gyra, Crusaders, Larry Carlton, David Grisman, Skywalk.

51-5006

12.95

**Oldies With 80’s Sound**

12.95

Yesterday’s Best

Rock 'n roll legends shine on this awesome disc! Features Sam and Dave, Martha Reeves, The Chiffons, Lesley Gore, the Crystals, Percy Sledge.

51-5007

12.95

Realistic CD Players include an Audio Cable for Connection to Your Stereo System
COMPLETE HOME STEREO RACK SYSTEMS

High-Power System 1000 With Remote Control, Equalizer
And High-Speed Dubbing Cassette Deck

Realistic System 1000. Combines sensational high-power sound, most-wanted features, and the convenience of wireless remote control. Aux inputs let you add a compact disc player or TV/VCR sound. Tuner features fluorescent display, memory for seven FM and seven AM stations, feather-touch controls. Dual-deck with Dolby® B NR copies personal tapes in half the normal time and plays two tapes in sequence. Two-speed belt-drive turntable with high-quality magnetic cartridge. UL listed AC.

AMPLIFIER. 100 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.0% total harmonic distortion. Frequency Response: 20-20,000 Hz ± 1 dB. S/N: 75 dB phono, 85 dB aux. FM TUNER. Sensitivity (IHF): 2.8 µV (50 dB). Capture Ratio: 2 dB. CASSETTE. Frequency Response: ± 2 dB. AM-FM TUNER. Frequency Response: ± 3 dB.

System With Optimus®-900 Speakers

COMPLETE SYSTEM
899.00
Low as $45 Per Month

COMPLETE SYSTEM WITH CD PLAYER
1097.00
Low as $55 Per Month

Stereo Rack System With Dual Cassettes,
Digital-Electronic Tuner and Dolby B NR

Realistic System 310. What a value! Our most affordable "everything" system has a 7-band equalizer that lets you adjust frequency response to your personal taste. The tuner features pushbutton selection of six FM and six AM stations, six LED indicators for memory presets, LED frequency display, search and manual tuning modes. High-speed dual-cassette deck lets you copy personal tapes in half the normal time and plays two tapes in sequence. Also records directly from the turntable, radio or aux-input sources and accepts mikes to make "live" stereo tapes. 10-LED record-level meter, slide-action record-level controls, tape counter. Two-speed belt-drive turntable has a cue lever and factory-installed magnetic cartridge with diamond stylus. Two aux inputs let you add a CD player and TV/VCR sound. Deluxe speakers have 8" woofers, 4" midranges and 2" tweeters. Rack has casters, hinged dust cover for turntable, shelf for adding a CD player, two metal dividers. UL listed AC.

AMPLIFIER: 30 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.9% total harmonic distortion. SPEAKER SIZE: 31/2 x 11/4 x 7 7/8". RACK SIZE: 36 3/4 x 17 5/8 x 13 3/4". EXTERNAL CONNECTIONS: FM antenna. CD/aux. TV/aux. speakers. 1/8" jack for stereo headphone. two 1/4" jacks for mikes. Shown with optional CD player. LPs, tapes, accessories not included. *TM Dolby Laboratories Licensing Corp.
STEREO RACK SYSTEMS WITH DUAL CASSETTES

AM/FM Stereo System With High-Speed Dubbing Cassette

Realistic System 200. All the most-wanted features and components in a budget-priced package! Amplifier has built-in equalizer that lets you add “punch” to certain instruments or vocals, or adjust sound to match room acoustics. Tuner features FM-AFC, stereo indicator, 5-step audio power meter and an easy-to-read edge-lit tuning dial. Dual-cassette plays two tapes in sequence automatically while in continuous-play mode. Has synchro-dubbing for precise duplication and auto-stop for tape protection.

Two-speed semi-automatic turntable features cue lever, hinged dust cover and magnetic cartridge with diamond stylus. Plays 33 1/3 and 45-RPM discs. Matching speakers have 6 1/2" drivers in 28 1/2"-high enclosures. With its aux input, you can add a CD player or other component anytime. Built-in FM and AM antennas and terminals for 75 or 300-ohm external FM antenna. Custom rack has casters for easy movement. Rack size, 30 1/8" x 17 1/16" x 13 3/8" UL listed AC. 13-1229

299.95

Low as $15 Per Month* ESP Available

- Amplifier With Built-In 5-Band Stereo Frequency Equalizer
- AM/FM Stereo Tuner With FM-AFC
- Continuous-Play Dual Cassette
- Semi-Automatic Two-Speed Turntable With Cartridge
- Matching 2-Way Speaker Systems
- Custom-Design Audio Rack

High-Speed Dubbing Stereo Cassette for Making Copies of Personal Tapes in Half the Normal Recording Time

Value-Priced AM/FM Stereo Phono System With Extra Features

Realistic System 100. Big-feature stereo at a bargain price! Amplifier has slide-action volume control and LED function indicators. Tuner features built-in AFC for drift-free FM. Dual-cassette decks make it easy to duplicate your personal cassettes, and you can play two tapes in sequence for twice the listening time. Two-speed turntable has cue lever and ceramic cartridge with diamond stylus. Speakers have 5" drivers in 27 1/8"-high enclosures. Built-in FM and AM antennas and terminals for 75 or 300-ohm external FM antenna. Rack size, 29 1/8" x 16 1/8" x 13 3/8" UL listed AC. 13-1228

199.95

Low as $15 Per Month* ESP Available

- Power Amplifier With Slide-Action Bass, Treble and Loudness Controls
- AM/FM Stereo Tuner With FM-AFC
- Dubbing Cassette With Auto-Level Recording and Continuous Playback
- Belt-Drive Turntable With Cartridge
- Matching Speakers ■ Audio Rack

Pushbutton Function Selectors With LED Mode Indicators

Recordings not included
Dual Cassette and Digital Tuning

199.95
Low As $15 Per Month
ESP Available

- Memory Stores Five FM, Five AM Stations
- Two-Speed Turntable
- Up/Down and Automatic Seek Tuning
- Matching Speakers
- Dual-Cassette Deck Makes It Easy to Copy Personal Tapes

Clarinette-123. Combines dual decks and precise digital tuning at a very affordable price. Memory stores your favorite stations for instant fingertip selection. You can also tune manually or use the seek mode to lock in the next available station. Dual decks let you duplicate tapes and play two tapes in sequence. Records directly from FM stereo, AM, turntable or "live" with optional mikes. Auto-level recording for perfect playback volume. Auto-stop, pause controls and digital counter make operation easy. Turntable has cue/pace and ceramic cartridge. 5 11/16 x 16 15/16 x 14 5/8". Includes matching speakers with 5" drivers in 17"-high enclosures. UL listed AC. 13-1227

Dual-Cassette AM/FM Stereo Phono

189.95
Low As $15 Per Month
ESP Available

- Features 2-Speed Turntable With Automatic Arm Return and Shutoff
- Dual Decks Copy Personal Cassettes and Play Two Tapes in Sequence
- Matching Full-Range Speakers
- Easy to Set Up and Operate

Clarinette-122. Our lowest priced all-in-one system with dual cassettes offers versatility, good sound and easy operation at low cost. Auto-level recording assures perfect-volume playback everytime without adjustments. You can record directly from the AM/FM stereo radio or turntable while you listen, or record "live" with optional mikes. Both decks have end-of-tape auto-stop to protect cassettes and a pause control for easy editing. Belt-drive turntable has a ceramic cartridge and plays 33 1/3 and 45-RPM discs. 5 11/16 x 16 15/16 x 14 5/8". LED mode indicators. Matching speakers have 5" drivers in 17"-high enclosures. UL listed AC. 13-1226

Budget-Priced AM/FM Stereo Phono System With Cassette Recorder

139.95
Low As $15 Per Month
ESP Available

- End-of-Tape Auto-Stop Protects Cassettes
- Semi-Automatic Belt-Drive Turntable
- Includes Matching 17"-high Speakers

Clarinette-121. This easy-to-operate all-in-one system is just the thing for young listeners or as a "second" system anywhere in your home. Cassette deck records directly from the AM/FM stereo radio or built-in turntable while you listen. Front-panel 1/8" jacks for adding microphones and recording "live" stereo tapes. Auto-level recording assures perfect-volume playback everytime. Pause control makes it easy to edit while you record. Two-speed turntable plays 33 1/3 and 45-RPM discs and has a ceramic cartridge and hinged dust cover. With matching full-range speakers. 5 11/16 x 16 15/16 x 14 5/8". UL listed AC. 13-1225

Clarinette Systems on This Page Include Dust Cover, Built-In FM and AM Antennas and Terminals for External FM Antenna
REALISTIC® - FOR THE REAL SOUND OF STEREO

Our Best! Digital-Ready 3-Way Liquid-Cooled Speaker System
For Bass You Can Actually Feel

$249.95 Each
Low As $15 Per Month*

- Powerful 15" Woofer Pumps Out Incredible Bass
- 5" Dynamic Midrange - Tuned-Port Enclosure Design
- 4" Dual Radial Super Horn Tweeter Extends Highs
  To 40,000 Hz for Crisp Musical Detail
- Furniture-Grade Oiled Walnut Veneer Finish

Realistic Mach Two®. High-efficiency design and high power handling combine to make it the perfect choice for today's digital audio systems! Of course, it's also great for use with Hi-Fi and stereo VCRs. The high-compliance woofer and tuned-port enclosure team up for wall-shaking bass. Midrange response is exceptionally smooth and lifelike. Wide-dispersion horn tweeter delivers clean, detailed highs for extraordinary stereo depth and realism. Ferrofluid draws heat away from tweeter and midrange voice coils to cut distortion and increase power capacity. Variable midrange and tweeter level controls let you adjust output to match room acoustics. Removable cloth grille. 40-4032
Each 249.95


Bass-Reflex 3-Way System
With Massive 15" Woofer
For Deep, Accurate Bass

$199.95 Each
Low As $15 Per Month*

- Digital-Ready for Today's Advanced Systems
- Tuned-Port Enclosure for Enhanced Bass Response
- Liquid-Cooled 3" Tweeter for Crisp, Clean Highs
- 5" Dynamic Midrange - Removable Cloth Grille
- Furniture-Grade Oiled Walnut Veneer Enclosure

Realistic Optimus®-1000. High-power capacity without the high-powered price! Tuned-port enclosure and huge high-compliance woofer with massive 29.9-ounce magnet team up for rich, solid low-end response. Cone tweeter is ferrofluid-cooled to cut high-frequency distortion. Liquid cooling, combined with the 100-watt power handling, enables it to reproduce the wide dynamic range of the latest digital equipment. Midrange driver fills out the audio spectrum for an overall smooth, natural sound quality usually found only in much higher-priced systems. Genuine walnut veneer finish—not vinyl or plastic. Spring terminals. 40-1130 . . . . Each 199.95

Response: 50-20,000 Hz. Power Handling Capacity: 100 watts. Sensitivity: 91 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 311/8 x 171/8 x 111/8".

Prices Apply at Participating Radio Shack Stores and Dealers
SPEAKER SYSTEMS AND AUDIO CABINETS

Bass-Reflex 3-Way System

Bass-Reflex 3-Way System

149.95 Each
Low as $15 Per Month*

Efficient 12" Woofer Pumps Out Deep Bass
4" Midrange Driver
Liquid-Cooled 2 1/2" Cone Tweeter
Removable Cloth Grille


Response: 50-20,000 Hz. Power Handling Capacity: 100 watts. Sensitivity: 90 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 29 3/4 x 14 x 10 1/8". Each 149.95

Value-Priced 3-Way System

Value-Priced 3-Way System

99.95 Each
Low as $15 Per Month*

Powerful 8" Woofer Delivers Solid Bass Response
Tuned-Port Enclosure
4" Midrange Driver
2 1/2" Tweeter
Removable Cloth Grille

Realistic Optimus-600. Efficient bass-reflex design and high-compliance woofer team up for excellent low-end frequency response. Extended-range cone tweeter delivers crystal-clear highs. Midrange driver provides smooth mid-frequency coverage and combines with the woofer and tweeter for an overall smooth, natural sound. Oiled walnut veneer enclosure. Spring terminals. 40-1100


Hickory Grained Audio Cabinet

Hickory Grained Audio Cabinet

119.95
Low as $15 Per Month*

Full-length tempered glass doors and hinged top, three adjustable shelves, storage area for LP's and tapes. Metal supports, heavy-duty swivel casters. Easy assembly. Vinyl veneer finish. 37 5/8 x 21 1/4 x 17 1/4". 42-3029

Cabinets do not include components or accessories

Deluxe Audio Cabinet

Deluxe Audio Cabinet

129.95
Low as $15 Per Month*

Tempered glass door, hinged top. Heavy-duty swivel casters. Plenty of storage space for LP's, tapes or CDs. Easy assembly. Walnut veneer. 45 1/8 x 18 5/8 x 17 1/2". 42-1130

How Power Ratings Are Determined. The figures stated with Realistic speakers indicate the speaker may be used with equipment delivering up to the stated (rms) continuous power per channel, driven to clipping 10% of the time, on normal source material.
## OUR SPEAKER SYSTEMS FIT EVERY BUDGET

### Bass-Reflex 2-Way Speaker System
- With 8" Long-Throw Woofer
- 2 1/2" Wide-Dispersion Tweeter
- Genuine Oiled Walnut Veneer Enclosure—Not Vinyl or Plastic

**79.95 Each**

Realistic Nova®-15. One of our best selling speakers ever! And no wonder—it delivers excellent sound, can be used on shelf or floor and is very moderately priced. Tuned-port enclosure design combined with a high-compliance, foam-surround woofer gives you extended low-frequency response and high efficiency. This means you can use lower powered amplifiers than with many other speaker systems. Extended-range tweeter gives higher sound pressure levels per watt, and its wide dispersion angle results in a superior stereo image. Frequency response: 60-20,000 Hz. Power handling capacity: 60 watts. Removable decorative cloth grille is acoustically transparent. Easy-to-connect spring-loaded push-type terminals are color coded. And our 5-year limited warranty makes the Nova-15 an even better value! 19 x 10 3/4 x 7 1/2". 40-4034

### Acoustic Suspension 2-Way System

**59.95 Each**

- 8" Long-Throw Woofer
- 2 1/2" Cone Tweeter


### Bookshelf-Sized 2-Way System

**39.95 Each**

- Efficient 6 1/2" Woofer
- 2 1/2" Cone Tweeter

Realistic MC-800. Delivers remarkably smooth, full-range response, yet small enough for placement on most shelves. Ideal for bedroom system or extension speaker. Frequency response: 100-20,000 Hz. Power handling capacity: 40 watts. Removable cloth grille. Genuine walnut veneer finish. 13 1/2 x 8 7/8 x 5 3/8". 40-1975

### Compact 2-Way Walnut Veneer System

**29.95 Each**

- 5" Long-Throw Woofer
- 2 1/2" Dynamic Tweeter
- Walnut Veneer Finish—Not Vinyl or Plastic

Realistic Minimus® 25. Small in size, yet this sealed-enclosure system delivers bass with a "punch." Frequency response: 90-20,000 Hz. Power handling capacity: 40 watts. Removable cloth grille. Recessed spring terminals allow for mounting on a flat surface. 11 x 6 1/8 x 4 1/4". 40-223

### Super-Tweeters Enhance Any System

- Easy Parallel Hookup
- Add Brilliance to Your Speaker System

**Dynamic**

**21.95 Each**


**Piezo**

**12.95 Each**

Piezo. Burnout-proof! No crossover needed. Extends response to 27,000 Hz. Sensitivity: 96 dB (SPL at 1 watt/1 meter). Power handling capacity: 75 watts. 3 1/2" square. 40-1380

Nominal Impedance of All Realistic Speaker Systems is 8 Ohms
MINIMUS® SPEAKERS FOR AMAZING SOUND

Popular 2-Way Mini-System in Wood or Metal Enclosure

- Long-Excursion 4" Woofer
- 1" Dome Tweeter

Low As 49.95 Each

(1) Realistic Minimus-7W. Only 8" high, yet delivers excellent bass and crisp, dazzling highs! Ideal speaker for bookshelf at home, office or college dorm. Genuine oiled walnut finish—not vinyl or plastic. Perfect for surround-sound use. Removable cloth grille. Recessed spring terminals. Handles 40 watts. 8 x 5 x 4 5/16". 40-2039. 59.95

(2) (3) Realistic Minimus-7. Same great features as above, except in sturdy die-cast metal enclosure. Hanger slot for wall mounting. 7 1/8 x 4 3/16 x 4 3/16". Silver, 40-2034. Black, 40-2030. Each 49.95

Mounting Brackets. 40-2031. Pair 14.95

Amplified Mini-Speakers For Personal Stereos

49.95 Pair

Realistic Minimus-0.6. Turn your personal stereo into a 3-piece portable! Powered 2 1/2" speakers. 150-15,000 Hz. 5 3/4" high. Requires 8 "C" batteries. 40-1259. 49.95

Mini System Ideal for Home or Automobile

19.95 Each


Mounting Brackets. 40-1997. Pair 19.95

Personal Stereo Mini Speaker System

9.95

Dual 1 1/2" Speakers

Plugs Into 1/8" Stereo Headphone Jack

Now you can listen to your personal stereo or portable CD player, in stereo, without headphones! Ideal for use with personal portables that do not have built-in speakers. 3 3/8 x 3 3/4 x 1 1/4". 40-155. 9.95

Ideal for Desktop

Mini Stereo Speakers

19.95 Pair

Speakers Can Be Placed Apart For Better Stereo Separation

Listen to your portable CD player or personal stereo without headphones. Dual 2 1/2" square speakers. Plugs into 1/8" stereo headphone jack. Power capacity: 1 watt. Attached cable. 3 3/8 x 2 3/8 x 1 1/4". 40-165. 19.95

Minimus Extension Speakers

(4) Realistic Minimus-18. Features 4" driver for full-range response. Handy spring terminals. Walnut vinyl veneer. 10 watts. 9 7/16 x 5 3/4 x 4 3/4". 40-222. 21.95

(5) Realistic Minimus-3. Extension speaker with big 5" driver gives you solid bass response. Walnut vinyl veneer enclosure. 7 watts. 10 x 8 1/2 x 5 1/2". 40-913. 13.95

(6) Realistic Minimus-0.3. Cube speaker with 3" full-range driver. Walnut veneer. 7 watts. 4 x 4 x 3 3/4". 40-1250. 12.95

(7) Realistic Minimus-2.5. Ideal extension speaker for TV. 4" driver. Walnut vinyl veneer. 10 watts. 6 7/8 x 4 7/8 x 4 3/8". 40-1999. 16.95

Radio Shack—67 Years of Value, Service and Reliability
MIDRANGE/TWEETER REPLACEMENT SPEAKERS

**Ribbon Tweeter**

16.95

Ultrawide 2.5-30 kHz Response

Advanced design delivers detailed highs to an incredible 30,000 Hz! Wide dispersion for excellent sound and imaging throughout the listening area. Power capacity: 35 watts. SPL: 91 dB (1W/1M). 8 ohms. 40-1390 16.95

**Midrange Speakers**

9.95 17.95

Dynamic 3” Midrange/Tweeter. Response: 700-20,000 Hz. 30 watts. SPL: 89 dB (1W/1M). Magnet: 3 oz. 8 ohms. 40-1289 9.95

Wide-Dispersion Soft-Dome Midrange. Response: 1.5-10 kHz. 70 watts. SPL: 90 dB (1W/1M). Magnet: 10.8 oz. 8 ohms. 40-1281 17.95

**Acoustic Lens Tweeter**

12.95


**Cone Drivers**

13/4” Tweeter

14.95

13/4” Liquid-Cooled 4” Midrange

Extend high and mid-frequency response. Power handling capacity: 50 watts. 8 ohms.

<table>
<thead>
<tr>
<th>Fig</th>
<th>Type</th>
<th>Cap in W</th>
<th>Eff Range (kHz)</th>
<th>SPL 1W/1M</th>
<th>Mag Wt</th>
<th>Cat No</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>2½” Radial 2 x 6”</td>
<td>50</td>
<td>6-15</td>
<td>96</td>
<td>2.75</td>
<td>40-1278</td>
<td>9.95</td>
</tr>
<tr>
<td>8</td>
<td>2½” Radial 2 x 6”</td>
<td>60</td>
<td>5-17</td>
<td>96</td>
<td>2.75</td>
<td>40-1282</td>
<td>14.95</td>
</tr>
</tbody>
</table>

**Wide-Dispersion Dome Tweeters**

**Poly-Tron Dome**

12.95

Mylar Dome

11.95

These lightweight tweeters react quickly to input for excellent transient response and detailed stereo imaging. 8 ohms.

<table>
<thead>
<tr>
<th>Fig</th>
<th>Type</th>
<th>Cap in W</th>
<th>Eff Range (kHz)</th>
<th>SPL 1W/1M (dB)</th>
<th>Mag Wt</th>
<th>Cat No</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1”</td>
<td>30</td>
<td>3-20</td>
<td>91</td>
<td>6</td>
<td>40-1370</td>
<td>12.95</td>
</tr>
<tr>
<td>2</td>
<td>1”</td>
<td>40</td>
<td>6-20</td>
<td>87</td>
<td>6</td>
<td>40-1216</td>
<td>11.95</td>
</tr>
</tbody>
</table>

**Dynamic Tweeters**

9.95 14.95

Wide, controlled dispersion. 8 ohms.

**Piezo Tweeters for High-Output Use**

These tweeters use a ceramic driver element in place of a voice coil and magnet for lower mass and higher efficiency. 8 ohms.

<table>
<thead>
<tr>
<th>Fig</th>
<th>Type</th>
<th>Cap in W</th>
<th>Eff Range (kHz)</th>
<th>SPL 1W/1M (dB)</th>
<th>Mag Wt</th>
<th>Cat No</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>2 ½” Horn</td>
<td>75</td>
<td>2-25</td>
<td>94</td>
<td>40-1379</td>
<td>14.95</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>3” Horn</td>
<td>75</td>
<td>5-25</td>
<td>95</td>
<td>40-1395</td>
<td>13.95</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>3” Dome</td>
<td>75</td>
<td>4-20</td>
<td>91</td>
<td>40-1382</td>
<td>8.95</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>2” for Home/Car</td>
<td>75</td>
<td>7-25</td>
<td>93</td>
<td>40-1383</td>
<td>4.95</td>
<td></td>
</tr>
</tbody>
</table>

**Mono L-Pad Controls**

75-Watt Peak

7.95

25-Watt Peak

4.95

Control the volume of one 8-ohm monophonic speaker. Easy to mount in wall or speaker enclosure, even in a different room from your audio system.

75 Watt. 40-977 7.95

25 Watt. 40-980 4.95

**Stereo L-Pad Controls**

75-Watt Peak

11.95

25-Watt Peak

7.95

Control the volume of two 8-ohm speakers from any convenient location. Easy to install in most standard electrical wallboxes.

75 Watt. 40-978 11.95

25 Watt. 40-979 7.95

**Ceiling Grille**

4.99

For mounting 8” speakers. With hardware.

40-1223 4.99

**Wall Brackets**

2.95

Each supports up to 50 lbs. With hardware for mounting of two speakers.

40-150 2.95

**Fuse Holder**

1.39

Provide low-cost overload protection for your speakers.

42-1082 2.39

Visit Your Nearby Radio Shack for Assistance in Selecting the Right Replacement Speaker.
Wood Speaker Stands

Speaker not included
Lifts speakers off floor and properly angles them for a dramatic sound improvement. Handsome stained walnut finish. Adjustable.
40-1253 $27.95

Foam Speaker Grille

Acoustically Transparent

Wide-Range Speakers

Popular for all kinds of new or replacement use
(4) Low As $18.95

Polypropylene 6½" Woofer

Superb choice for bookshelf-size systems. Clean bass transients. 8 ohms. Impedance. 8 ohms. 40-1011... 15.95

Foam-Surround 8" Woofer

Delivers smooth and solid bass response. Rigid paper cone. 8 ohms. 40-1015... 19.95

Polypropylene 12" Woofer

Lightweight and rigid cone delivers smooth low-frequency response. 8 ohms. 40-1025... 29.95

Polypropylene 15" Woofer

Powerful driver moves a massive volume of air for bass you can really feel. Burnout resistant. 8 ohms.
40-1300... 44.95

15" Instrument Speaker

A popular choice of demanding musicians. Designed for heavy-duty use. 8 ohms.
40-1318... 39.95

SPEAKERS AND CUSTOM ACCESSORIES

Stereo 3-Way Switch Box

Controls Up to Six Speakers
Control three pairs of speakers from one location. Rated at 10 watts. Simulated-walnut finish. 40-125... 14.95

Hi-Power Stereo Switch Box

Controls Up to Eight Speakers
Designed to handle higher powered amplifiers. Receivers. Built-in impedance-protection circuit. Up to 100 watts peak. 40-135... 29.95

Speaker Wall Jacks

Fits Standard Wallbox
Hook up speakers anywhere. Includes two phono plugs. Mounting hardware. 40-981... 2.89 Two color-coded terminals. 40-975... 2.99

Foam-Surround 10" Woofer

Long-throw cone for solid "bottom" in your hi-fi system's sound. Coded terminals. 8 ohms.
40-1331... 26.95

Long-Throw 4" Woofer

Big Sound in Small Places
Long-throw cone excursion for solid bass. Color-coded terminals. 8 ohms. 40-1022... 10.95

Polypropylene 12" Woofer

29.95

Foam-Surround 10" Woofer

26.95

Polypropylene 15" Woofer

44.95

Speaker Selector Switch

6.95
Controls two pairs of stereo speakers. Metal case with predrilled tabs. With mounting hardware. 40-130... 6.95

Apply for Revolving Credit Today and Increase Your Buying Power—See Page 3
REALISTIC® EQUALIZERS AND LIGHT DISPLAYS

Hear and see the results as you customize your system's sound. The built-in IMX Stereo Expander circuit widens the sound image for a dramatic "live" quality — music seems to come from beyond the listening room. Twenty narrow-band controls boost/cut response up to 12 dB at exact frequencies. Tape control center for 2-deck dubbing, monitoring, and recording equalized sound. Bypass button for instant equalized/unequalized sound comparison. UL listed AC. 31-2020

Ten-Band EQ With Spectrum Display and IMX* Expander

129.95

New
Available Sept. 30, 1987

Low As $15 Per Month * ESP Available

90-LED, 3-Color Spectrum Display

SPECIFICATIONS. Band Centers: 31, 62, 125, 250, 500, 1000, 2000, 4000, 8000, 16,000 Hz. Response (flat setting): 5-50,000 Hz + 0.5 dB, -1 dB. Range: ±12 dB. Harmonic Distortion: 0.02%. Hum and Noise: -90 dB. Size: 2¾ x 16½ x 8½" "Trademark of Sci-coustics. Inc.

Ten-Band Equalizer With IMX Stereo Expander

79.95

ESP Available

Creates a Thrilling "Live" Quality

SPECIFICATIONS. Band Centers: 31, 62, 125, 250, 500, 1000, 2000, 4000, 8000, 16,000 Hz. Response (flat setting): 5-50,000 Hz + 0.5 dB, -1 dB. Range: ±12 dB. Harmonic Distortion: 0.02%. Hum and Noise: -90 dB. Size: 2¾ x 16½ x 8½".

Add complete tonal control to your system and the amazing "live" sound of the IMX Stereo Expander circuit. The 20 narrow-band controls let you boost/cut response up to 12 dB at precise frequencies — makes even small systems sound impressive. With linear-sliding controls, EQ button, tape monitor and bypass control. Power-on LED. UL listed AC. 31-2018

90-LED, 3-Color Spectrum Display

299.95

ESP Available

Liven Up Your Next Party

SPECIFICATIONS. Band Centers: 31, 62, 125, 250, 500, 1000, 2000, 4000, 8000, 16,000 Hz. Response (flat setting): 5-50,000 Hz + 0.5 dB, -1 dB. Range: ±12 dB. Harmonic Distortion: 0.02%. Hum and Noise: -90 dB. Size: 2¾ x 16½ x 8½".

Three-Color Traffic Light Display

34.95

Non-Stop Fun

Add flash to your dance! Random color switching. Faceted reflectors intensify effect. 17 x 6 x 5¼". UL listed AC. 42-3026

149.95

Low As $15 Per Month * Available Nov. 30, 1987

High-Intensity Strobe Light

31.95

"Stops" Motion

Incredible effect! Wide-angle strobe with adjustable flash rate. Walnut vinyl, 7½" x 9½" and 6½". UL listed AC. 42-3009

1295

ESP Available

Illuma-Storm High-Energy Light

See and Control the Power of the Universe

149.95

SPECIFICATIONS. Band Centers: 31, 62, 125, 250, 500, 1000, 2000, 4000, 8000, 16,000 Hz. Response (flat setting): 5-50,000 Hz + 0.5 dB, -1 dB. Range: ±12 dB. Harmonic Distortion: 0.02%. Hum and Noise: -90 dB. Size: 2¾ x 16½ x 8½"

Filled with a mixture of very rare but safe gases, the glass globe contains constantly changing patterns of colorful lightning bolts created by a high-energy field. Touch the globe with your hand and it will attract the lightning, letting you actually sculpt it. Or switch to "Audio" and the built-in microphone causes the lightning to respond to voice or music — a truly stunning effect when listening to your favorite music! Intensity and focus controls vary the display of lightning patterns. 14" high. UL listed AC. You have to see it to believe it! 42-3035
## Dual-Range 15-Segment Audio Power Meter

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Watt and 200-Watt Ranges</td>
<td>$24.95</td>
</tr>
</tbody>
</table>

Continuously monitors output to speakers. Helps you prevent power overload. Features 15 fast-response left and right-channel LED indicators, and range control switch. Springclip terminals for easy connection to your system. 2 x 5½ x 3” UL listed AC. 42-2107

### Electronic Stereo Reverb System

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Has adjustable mike mixing input, depth and delay controls, record and tape monitor buttons. Reverb expander. ¼” mike jack. 17/8 x 8'/8 x 5¾”. Simulated woodgrain. UL listed AC.</td>
<td>$59.95</td>
</tr>
</tbody>
</table>

Add Dimension to Your Stereo System

### Compact Disc Cleaner

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protect Your CD Collection</td>
<td>$12.95</td>
</tr>
</tbody>
</table>

Helps eliminate “skipping” caused by fingerprints and other contaminants. With cleaning pad, fluid and brush. 42-116

### Deluxe CD Storage Rack

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holds Up to 24 Compact Discs Neatly</td>
<td>$15.95</td>
</tr>
</tbody>
</table>

Keep your collection of compact discs organized with this beautifully crafted walnut-vinyl storage case. 42-212

### Magnetic Cartridge Stereo Preamp

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matches Cartridge To Aux Input</td>
<td>$19.95</td>
</tr>
</tbody>
</table>

Adapts equipment having only aux or ceramic phono inputs to accept magnetic-cartridge turntables. UL listed AC. 42-2109

### CD Storage Rack

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holds 10 CDs</td>
<td>$5.95</td>
</tr>
</tbody>
</table>

Attractive, sturdy molded case stores and helps protect 10 CDs in their jewel boxes. 42-214

### Take-Along CD Case

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holds six of your favorite CDs (out of their jewel boxes) in protective fabric case.</td>
<td>$9.95</td>
</tr>
</tbody>
</table>

42-213

### CD/Cassette Tote Bag

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holds 10 CDs Or 18 Cassettes</td>
<td>$9.95</td>
</tr>
</tbody>
</table>

Sturdy, padded nylon fabric bag with adjustable shoulder strap for taking your music with you. 44-687

### Record and Stylus Care Kit

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cleans records and stylus. With fluid, storage case.</td>
<td>$3.99</td>
</tr>
</tbody>
</table>

42-140

### Carbon-Fiber Brush

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over a million carbon fibers clean records.</td>
<td>$4.95</td>
</tr>
</tbody>
</table>

42-118

### Budget Hydro-Stor

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protects Records</td>
<td>$4.95</td>
</tr>
</tbody>
</table>

Velvet-surfaced cleaner with wood handle and fluid. 42-101

### Hydro-Stor Record Care

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creates a field of humidity that cuts static as it cleans.</td>
<td>$9.95</td>
</tr>
</tbody>
</table>

42-102

### Stylus Cleaner

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safely cleans lint and dust from stylus.</td>
<td>$1.99</td>
</tr>
</tbody>
</table>

42-1084

### Anti-Static Fluid

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controls Flow Tip</td>
<td>$1.99</td>
</tr>
</tbody>
</table>

Cleans records. Styli. Helps cut static. 42-105

### LP Spray Cleaner

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>With Cloth</td>
<td>$1.79</td>
</tr>
</tbody>
</table>

Sprays away record noise. With cloth. 42-2500

### 45-RPM Adapters

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manual, Fits standard spindle.</td>
<td>$4.95</td>
</tr>
</tbody>
</table>

42-120

Inserts. Snaps in record. 42-103

### 45-RPM Auto Spindle

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fits most Realistic and BSR changers.</td>
<td>$1.79</td>
</tr>
</tbody>
</table>

42-3000

### Phono Cushions

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low As</td>
<td>$79c</td>
</tr>
</tbody>
</table>

10". 42-360

12". 42-361

### Phono Mat

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antistatic</td>
<td>$3.95</td>
</tr>
</tbody>
</table>

Carbon-impregnated foam cuts crackle, pop. 42-362

### Replacement Headshell

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Mass</td>
<td>$4.99</td>
</tr>
</tbody>
</table>

Fits S-shaped tone-arms. 42-2752

### "Single" Sleeves

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pack of 20</td>
<td>$2.19</td>
</tr>
</tbody>
</table>

Keeps your 45s dust-free and reduces scratching. 42-142

### Album Sleeves

<table>
<thead>
<tr>
<th>Feature</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pack of 10</td>
<td>$2.59</td>
</tr>
</tbody>
</table>

Protects your LPs from dust. Replaces torn or lost sleeves. 42-132

---

**See Our Complete Line of Compact Disc Players and Turntables**
Discover the Accuracy of Our
Realistic/Shure RXT6 Cartridge $49.95
Dynamic Stabilizer Compensates for Warped Records
Designed for superior performance in either pivotal or linear-tracking tone-arms. Telescoping stylus tracks at an ultralight 1.25 to 1.75 grams. A new, lower mass shank and tip assembly provide improved high-frequency tracking. With P-Mount adapter and installation kit. 42-2795 .............. 49.95

High-Quality Hi-Fi

#7848-D 42-2797 .. 5.95

General

14/15/16 and #13-1117/1118.

19.95

42-2777

20-20,000 Hz. Tracks at 2.5-3.5 grams

Elliptical diamond stylus (10 x 18 microns).

Diamond. For Clarinette-

RSK8C Stylus

Diamond Elliptical. Magnetic. Tracks at 3.5 grams. 20-20,000 Hz. 42-2772 ... 14.95

Money-Saver

14.95

Diamond Elliptical. For ADC, QLM34 MK III, P32 and K5E. 42-2759 ........ 21.95

RS50E Stylus

Diamond Elliptical. For ADC, QLM34 MK III, P32 and K5E. 42-2759 ........ 21.95

PS-203 Stylus

Diamond. For Clarinette-

14/15/16 and #13-1117/1118. General replacement #784B-D 42-2797 ..... 5.95

ATN-771E

10.95

Diamond Elliptical. Stylus fits Audio Technica AT-70/71/71E. 42-2774 .... 10.95

DAT-2 Stylus

11.95

Diamond Conical. For Pickering. V15/AT-1/2. KLM. similar types. 42-2484 .... 11.95

The Best in Diamond Replacement Stylus

3.99 Each

Worn Stylus Damage Records

Astatic

1 42-2817 RS-25 70, 74, 76, 86 Stereo/Mono
2 42-2804 RS-67 140, 142 Stereo
3 42-2900 RS-120 5/50, 51, 56, 62, 63, 68 70, 72, 76

Bsr

4 42-2810 RS-81 ST-3, 4, 5, 6, X3H, JK-1H S-2H, C1
5 42-2828 RS-110 ST-8, ST-9, ST-10, SXSH SC3M
6 42-2891 RS-152 SC3M, SX3M, ST-12, ST-14 ST-15, ST-22
7 42-2892 RS-166 SC3M, SC8M, ST-16, ST-17 ST-21

Electro-Voice

8 42-2850 RS-109 168, 196, 199, 275, 277

Sapphire Kiddie Needles

42-2750 $2.29 Pckg. of 2

Hundreds Of Types Available!

Our special “Hotline Service” can get most replacement styli and cartridges delivered to your nearby Radio Shack store fast! If the item you need isn’t shown here, ask the store manager to order it for you.

No Extra Charge!

Prices Apply at Participating Radio Shack Stores and Dealers
### AUDIO CABLES AND ADAPTERS FOR EVERY NEED

<table>
<thead>
<tr>
<th><strong>Gold-Plated Patch Cables</strong></th>
<th><strong>Patch Cables</strong></th>
<th><strong>Audio Cable Set</strong></th>
<th><strong>Patch Cords</strong></th>
<th><strong>Patch Extension</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Low As</strong></td>
<td><strong>Low As</strong></td>
<td><strong>Set of Four</strong></td>
<td><strong>Low As</strong></td>
<td><strong>Low As</strong></td>
</tr>
<tr>
<td>9.95</td>
<td>5.99</td>
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- **Our Finest Cables**
  - Minimum loss. 3½-foot stereo cable with four plated plugs: 42-2601 . . . 9.95

**FM Antenna**

- 2.99
- Outperforms Built-Ins
- Dipole. Spade lugs connect to receiver's 300-ohm antenna terminals: 42-2385 . . . 2.99

**Stereo Y-Adapter**

- 5.89
- Connects 42-2438 (21) Two phono plugs connected to one phono plug with 42-2435 (22) Two RCA phone plugs, one ¼" mini phone plug, one ¼" phone plug, two phono plugs, 6-foot shielded cable with tinned pins at each end. Each 42-2436 . . . 2.99

**DIN Patch Cord**

- 4.99
- Connects 42-2454 (19) Two phono plugs connected to one phono jack with 42-2455 (21) Two phono plugs connected to one phono plug with 42-2456 (22) Two RCA phone plugs, one ¼" mini phone plug, one ¼" phone plug, two phono plugs, 6-foot shielded cable with tinned pins at each end. Each 42-2457 . . . 2.99

**Phono Plug Y-Adapters**

- Low As 1.99
- Connects 42-2458 (19) Two phono plugs connected to one phono jack with 42-2459 (20) One phono plug connected to two phono jacks with 42-2460 (21) Two phono plugs connected to one phono plug with 42-2461 . . . 1.99

**Cables With 1/8" Mini Plugs**

- Low As 1.99
- Connects 42-2462 (19) Two phono plugs connected to one phono jack with 42-2463 (20) One phono plug connected to two phono jacks with 42-2464 . . . 1.99

**With Phono Connectors**

- Connects 42-2465 (19) Two phono plugs connected to one phono jack with 42-2466 (20) Two phono plugs connected to one phono plug with 42-2467 . . . 1.99

**Mini Y-Adapters**

- Low As 3.99
- Connects 42-2468 (19) Two phono plugs connected to one phono jack with 42-2469 (20) One phono plug connected to two phono jacks with 42-2470 . . . 3.99

**Dubbing Cords**

- 2.99
- 6 Foot
- Connects 42-2471 (1) Earphone jack to mike jack. Each 42-2472 . . . 2.99

**Cables With 1/4" Phone Plug**

- Low As 2.89
- Shielded
- Connects 42-2473 (13) Phone Plug to Phone Jack
- Connects 42-2474 (14) Phone Plug to Inline Jack
- Connects 42-2475 (15) Phone Plug to Phone Plug
- Connects 42-2476 (16) Phone Plug to Phone Plug
- Connects 42-2477 (17) Phone Plug to Phone Plug
- Connects 42-2478 (18) Phone Plug to Mini Plug

**Mike Cable and Y-Adapter**

- 4.99
- Connects 42-2479 (13) Phone Plug to Phone Jack
- Connects 42-2480 (14) Phone Plug to Inline Jack
- Connects 42-2481 (15) Phone Plug to Phone Plug
- Connects 42-2482 (16) Phone Plug to Phone Plug
- Connects 42-2483 (17) Phone Plug to 90° Phone Plug
- Connects 42-2484 (18) Phone Plug to Mini Plug

**Cables**

- Shielded
- Connects 42-2485 (19) Two phono plugs connected to one phono jack with 42-2486 (20) One phono plug connected to two phono jacks with 42-2487 . . . 1.99

**Pin-Connector Speaker Cables**

- 4.69
- Connects 42-2488 (19) Two phono plugs connected to one phono jack with 42-2489 (20) One phono plug connected to two phono jacks with 42-2490 . . . 4.69

**Plug-to-Lug Cables**

- 2.19
- Connects 42-2491 (19) Two phono plugs connected to one phono jack with 42-2492 (20) One phono plug connected to two phono jacks with 42-2493 . . . 2.19

**Lug-to-Lug Cables**

- 2.69
- Connects 42-2494 (19) Two phono plugs connected to one phono jack with 42-2495 (20) One phono plug connected to two phono jacks with 42-2496 . . . 2.69

**Phono Plug Cables**

- 2.69
- RCA Plugs on Ends
- Connects 42-2497 (19) Two phono plugs connected to one phono jack with 42-2498 (20) One phono plug connected to two phono jacks with 42-2499 . . . 2.69

See Page 137 for Additional Audio Adapters and Connectors.
OUR VERSATILE STEREO DUAL-CASSETTE DECKS

Value-Priced Dubbing Deck With Dolby *

**129.95**

- Sequential-Play Mode
- Soft-Eject Doors
- 5-LED Peak Recording Level Meters
- Synchro-Start Dubbing for Starting
- Both Decks Simultaneously

Realistic SCT-45. Low in price, big on features. Copies your personal tapes and also plays two tapes in sequence automatically. Dolby B extends dynamic range and cuts tape hiss. Playback-only deck-1 automatically selects proper bias. Record/play deck-2 has metal/Cr02/normal selector for super-sounding recordings. Both have auto-stop and pause controls. Separate record level controls, synchro-start dubbing. Has 3-digit tape counter and 1/4" mike and headphone jacks. UL listed AC. 14-643

Response ±3 dB: 40-14,000 Hz (metal), 40-13,000 Hz (Cr02/Hi-Bias), 40-12,500 Hz (normal). Wow and Flutter: 0.15% WRMS. S/N: 60 dB Dolby B; 50 dB (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.2% 3rd HD. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 5 x 16 1/2 x 12 9/16

Low As $15 Per Month * ESP Available

Hi-Speed Dual-Deck With Dolby B NR

**149.95**

- Soft-Eject Doors
- Synchro-Start
- Continuous-Play Mode
- Two-Color LED Recording Level Meters

Realistic SCT-46. A multifeatured performer that’s big on quality and low on price. Features high-speed dubbing of your personal tapes, continuous play which plays two tapes in sequence automatically and synchro-start for starting both decks simultaneously. Dolby B extends dynamic range and reduces tape hiss. Also has full auto-stop, metal/CrO2/normal tape selectors and pause controls for both decks. Separate record level controls, 3-digit tape counter, 1/4" headphone and mike jacks. UL listed AC. 14-645

Response ±3 dB: 30-16,000 Hz (metal), 30-15,000 Hz (CrO2/Hi-Bias), 30-14,000 Hz (normal). Wow and Flutter: 0.1% WRMS. S/N: 66 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.0% 3rd HD. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 4 13/16 x 17 1/8 x 9 7/8

Low As $15 Per Month * ESP Available

Dolby B-C “Soft-Touch” Dual Deck

**179.95**

- Continuous-Play Mode Automatically Plays Two Tapes in Sequence
- Two-Color 5-LED Peak Level Meters
- Synchro-Start High-Speed Dubbing

Realistic SCT-74. All controls work with a light touch of your finger. High-speed dubbing makes copies of personal tapes in half the normal time. Play-only deck delivers superb sound during playback. Deck-2 is a recorder/player with optimum recording features. Dolby B extends dynamic range and Dolby C dramatically reduces background noise. Both decks have metal/CrO2/normal tape selectors, auto-stop and pause controls. Separate record level controls, power and record LEDs. Has 3-digit tape counter. 1/4" headphone and mike jacks. UL listed AC. 14-649

Response ±3 dB: 60-14,000 Hz (metal), 60-13,500 Hz (CrO2/Hi-Bias), 60-12,000 Hz (normal). Wow and Flutter: 0.12% WRMS. S/N: 60 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 0.0% 3rd HD. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 4 7/8 x 16 1/16 x 8 7/16

Low As $15 Per Month * ESP Available

Dolby B-C NR and Double Auto-Reverse

**229.95**

- Make Quality Copies of Your Personal Cassettes in Half the Normal Time
- Switchable Sequential-Play Mode
- 2-Color 8-LED Peak Level Meters

Realistic SCT-100. Besides high-speed dubbing, the dual decks let you record both sides of one tape and play both sides of two tapes in sequence, automatically. Playback-only deck-1 is designed for superior sound. Record/play deck-2 has the latest recording features for optimum frequency response. Dolby B cuts tape hiss and extends dynamic range, and Dolby C reduces noise to an amazing one-hundredth of its original level! Also has "soft-touch" controls, full auto-stop, metal/CrO2/normal tape selectors and pause controls for both decks. Separate record level controls, 3-digit tape counter, 1/4" headphone and mike jacks. UL listed AC. 14-644

Response ±3 dB: 40-14,000 Hz (metal), 40-13,000 Hz (CrO2/Hi-Bias), 40-12,500 Hz (normal). Wow and Flutter: 0.08% WRMS. S/N: 69 dB Dolby C; 61 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.5% 3rd HD. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 4 x 17 x 9 7/8

Ask About Our Extended Service Plan Available on Many Products
QUALITY STEREO RECORD/PLAY DECKS

Auto-Reverse With Dolby B-C NR

Available Oct. 30, 1987

NEW FOR 88

219.95

Low As $15 Per Month ♦ ESP Available

- Handy Auto-Reverse Plays Both Sides of Cassette Automatically
- High-Speed Automatic Search Music System Helps You Find Tape Selections Fast

Realistic SCT-83. Logic-controlled solenoid operation assures smooth, precise tape handling. Quick auto-reverse changes direction in less than a second, and operates on both playback and record. Mode selector for one side, both sides, or continuous repeatable playback of both sides. Dolby B-C noise reduction cuts tape hiss and extends dynamic range. Also features full auto-stop, metal/CrO2/normal bias selector and separate slide-action record level controls. LED indicators for direction, ASMS, record, play, pause, intro-scan and Dolby C. Three-digit tape counter, 1/4" mike and headphone jacks. UL listed AC. 14-639

219.95

Low Price

Realistic Tape Decks Include Cables for Easy Hookup to Any System With Tape-In or Aux Jacks

24.95

Give Your Receiver/Amp Three Additional Tape Inputs/Outputs

Monitor, record and dub with up to three tape decks. Connects to tape monitor jacks for easy operation. Ends cable swapping and saves time when you require multiple input/output sources. Sturdy molded case. With illustrated manual. 2 1/4" x 6 1/4" x 4 3/4". 42-2115

24.95

Response ± 3 dB: 40-16,000 Hz (metal), 40-15,000 Hz (CrO2/Hi-Bias). 40-14,000 Hz (normal).
Wow and Flutter: 0.06% WRMS. S/N: 70 dB Dolby C: 62 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.5% 3rd HD Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 4 3/4" x 17 x 8 7/8".

ESP Available
See Page 3

Lowest Priced Cassette With Dolby

- Two-Color Peak Level Meters
- Soft-Eject Door ■ Auto-Stop
- Metal/CrO2/Normal Selector
- Dolby B Noise Reduction
- Separate Record Level Controls

Realistic SCT-35. All the most-wanted recording features usually found in more expensive decks! With Dolby noise reduction to cut tape hiss and extend dynamic range, auto-stop to protect tapes and drive components, pause control for easy editing, separate left/right record level controls and 2-color 5-LED peak level meters for monitoring operations. Features soft-eject cassette door and metal/CrO2/normal tape bias selector. Three-digit tape counter helps you find selections fast. Also has power-on LED, 1/4" mike jacks for “live” stereo-recording and 1/4" headphone jack for monitoring or private listening. UL listed AC. 14-636

89.95

ESP Available

89.95

ESP Available

Cassette Playback Deck

49.95

Add Cassette Listening at An Economical Price

Realistic SCP-30. Handsome deck is small enough to fit almost anywhere. Features metal/CrO2/normal selector, end-of-tape auto-stop to protect your cassettes and pause control. Simulated walnut cabinet. 4 1/2" x 8 1/2". UL listed AC. 14-632

49.95

Stereo 8-Track Play Deck

49.95

Don’t Let Your 8-Track Tapes Gather Dust! Hear Them Come Alive in Rich Stereo Sound

Realistic TR-169. Non-stop music! Simply connect to receiver or amplifier and enjoy any stereo 8-track tape. Features automatic or manual program change and output level control. Just the thing for duplicating your personal 8-tracks onto cassette. Program LEDs. 4 x 10 x 7". UL listed AC. 14-935

49.95

Realistic Tape Decks Include Cables for Easy Hookup to Any System With Tape-In or Aux Jacks

33
PORTABLE AM/FM STEREO CASSETTE PLAYERS

With CD & Dual Cassettes

**419.95**

Low as $21 Per Month +

- Hi-Speed Dubbing
- Continuous-Play
- Built-In 5-Band Equalizer
- Dolby B NR

Realistic® CD-3301. Our finest portable ever! Experience the amazing sound of Compact Digital Disc anywhere! Copy your personal tapes in half the normal time. Continuous-play mode runs two tapes in sequence. Record from CD, FM stereo, line-level sources or AM as you listen. Use the 5-band equalizer for custom sound. Dolby® B cuts tape hiss and extends dynamic range. Features detachable 2-way speakers with 4" woofers and piezo tweeters. Jacks for mikes, headphones and line in/out. 9½ x 25½ x 7¾". UL listed AC or 8 "D" batteries or DC adapter, extra. 14-526

**369.95**

Low as $19 Per Month +

- Dolby B NR
- Built-In 3-Band Equalizer
- Synchro-Start CD-to-Cassette Dubbing
- Automatic Music Search on CD Player

Realistic CD-3300. Enjoy extraordinary digital stereo anywhere you would take an ordinary portable! Record Dolbyized cassettes from CD, radio, optional mikes or line-level sources. Three-band equalizer for fine-tuning frequency response. 2-way speakers with 4" woofers and piezo tweeters. Auto-search music system restarts a CD selection or plays the next one at the touch of a button. Jacks for mikes, headphones and line in/out. 6¼ x 22¼ x 5½". UL listed AC or 8 "D" batteries or DC adapter, extra. 14-525

**219.95**

Low as $15 Per Month +

- Dual Cassettes With 4-Track/Hi-Speed Dubbing Record Both Sides at Once
- Built-In 5-Band EQ for Custom Stereo

Realistic Modulaire™-2250. This deck enables you to copy personal tapes twice as fast, and also listen to two tapes in sequence automatically. Records from FM, AM, line-level sources or optional mikes. Dolby B NR cuts tape hiss and extends dynamic range. Detachable 2-way speakers with 4½" woofers and piezo tweeters. FM stereo and power/battery LEDs. Jacks for headphone, line in/out, speakers and mikes. 9¼ x 25¼ x 7¼". UL listed AC or 8 "D" batteries or DC adapter, extra. 14-765

See Page 38 for DC Adapters and Pages 46-47 for External Microphones. "TM Dolby Laboratories Licensing Corp."
DUAL-CASSETTE STEREO PORTABLES

With Synchro-Start Dubbing

99.95
Low As $15 Per Month
ESP Available

- Synchro-Start Dubbing Activates Playback
- Deck and Record Deck Simultaneously
- Continuous Play Runs Two Tapes in Sequence

Realistic SCR-32. Carry this versatile portable to make high-quality copies of your personal cassettes, record directly from FM stereo or AM, or record "live" stereo with the built-in mikes. Features auto-level recording and auto-stop. Two-way speakers with 3" woofers and piezo tweeters. Jacks for head-phones and external mikes. $1 x 8 x 5 1/2" UL listed AC (or 6 "D" batteries or DC adapter, extra).

Slim Style & Hi-Speed Dubbing

119.95
Low As $15 Per Month
ESP Available

- 3-Band Frequency Equalizer
- Continuous Play

Realistic SCR-33. Besides hi-speed dubbing, you can listen to two cassettes in sequence automatically. You can also record directly off-the-air as you listen or "live" stereo with built-in mikes. The 3-band equalizer provides frequency control superior to ordinary bass and treble controls. Features 2-way speakers with 3" woofers and piezo tweeters, soft-eject cassettes. Jacks for headphones and mikes. $1 x 8 x 5 1/2" UL listed AC (or 5 "D" batteries, extra).

Full-Size & Hi-Speed Dubbing

139.95
Low As $15 Per Month
ESP Available

- Continuous Play
- Auto-Level
- Built-In Mikes

Realistic SCR-31. Big sound you can carry around! Make magnificent copies of personal tapes in half the time. Continuous play runs two tapes in sequence. Record radio or "live" stereo with built-in mikes. Auto-level sets record volume for you. Features synchro-start and 3" speakers. Jacks for head-phones and mikes. 7 1/2 x 20 1/2 x 4 1/2" UL listed AC (or 5 "D" batteries, extra).

Hi-Speed Dubbing & Dolby B NR

179.95
Low As $15 Per Month
ESP Available

- Built-In 5-Band Equalizer for Super Sound
- Built-In Mikes
- Auto-Level Recording

Realistic Modulaire-850. Copy personal tapes in half the normal time. You can also make Dolbyized recordings from radio or line-level sources. Add mikes for "live" stereo. Five-band EQ for fine-tuned response. Auto-level assures perfect-volume recordings. Jacks for headphone, line in, speakers and mikes. 8 3/4 x 24 x 5 1/4" UL listed AC (or 6 "D" batteries or DC adapter, extra).

Use Dependable Radio Shack Enercell Batteries for Best Results 'TM Dolby Laboratories Licensing Corp.
AM/FM PORTABLE CASSETTE RECORDERS

Stereo With 2-Way Speakers

Realistic® SCR-30. Enjoy tapes, FM stereo and AM stations or record off the air or “live” with built-in mikes. Pause control, tape counter and auto-stop. Rotary tuning, volume, balance and tone controls. Jacks for adding stereo headphones, external mikes. 5 x 16½ x 3¾” UL listed AC (or 6 “C” batteries or DC adapter, extra). 14-794

Low-Priced AM/FM Stereo Cassette

Realistic SCR-28. Listen to FM stereo, AM or cassettes anywhere. Record from radio as you listen. Rotary volume, balance and tone controls. Tape and AM/FM slide-action selector switches. Two 3” speakers. Has 1/8” jacks for headphone, external mikes. 5½ x 16¾ x 3¾” UL listed AC (or 6 “C” batteries or DC adapter, extra). 14-796

Budget-Priced AM/FM Recorder

Realistic CTR-78. Big 3½” speaker delivers excellent monaural sound. Auto-stop helps prevent tape damage. Rotary volume and tuning controls. Pause control for editing as you record. Telescoping antenna. 7½” x 1¾ x 3¼”. UL listed AC (or 4 “C” batteries or DC adapter, extra). 14-1038

Microcassette Recorders

Microcassette and Minicassette Recording Tape

(1) Realistic Micro-25. Fits in your palm—only 3¼” thin. Voice-actuation starts/stops recording with the sound of your voice. Fast-play mode increases playback speed while keeping voices understandable. Built-in mike, auto-stop, cue/review, LED record/battery indicator. Capstan drive at 1.2 cm/sec or 2.4 cm/sec. 4½ x 2⅛ x ¾” With case, earphone. Requires 2 “AA” batteries or DC adapter. 14-1040


(3) Realistic Micro-12. Stylish black finish and same features as Micro-18, without voice actuation. 14-1041

Minicassette Tape Recorder

Realistic Minisette. Features auto-level, cue button, slide-action controls for easy operation, record/battery LED indicator. 5¾ x 2½ x 1⅜”. Requires 2 “AA” batteries. 14-1015

Tray for Mini & Micro Tapes

Holds 12 mini or microcassettes. Smoke-tinted cover protects tapes. 2 x 2½ x 7”. 44-6680

Micro Head Cleaner

Nonabrasive tape cleans microcassette tape path and restores clarity to recording and playback. 44-1166

Use Dependable, Long-Life ENERCELL® Batteries for All Your Electronics Needs
STEREO-MATE® PERSONAL CASSETTES

AM/FM Stereo Recorder With Dolby' B NR
7995 ESP Available

AM/FM Stereo Player With Auto-Stop
3995

Superb Stereo On-The-Go

Realistic SCP-5. Dolby NR cuts tape hiss and extends dynamic range for superior tape playback. Auto-reverse plays both sides of tape automatically for continuous listening pleasure. Metal-CrO2/normal tape bias switch and LED tape direction indicators. FM stereo and low-battery LEDs. Belt clip. 5 3/4 x 3 1/2 x 1 3/4". Requires 2 "AA" batteries or AC or DC adapter. 14-1013

Realistic SCP-24. Tailor the sound the way you want it with separate left and right volume controls. Auto-stop saves batteries and protects tapes. FM stereo/battery LED. Detachable belt clip. 5 1/8 x 3 1/8 x 1 3/8". Requires 3 "AA" batteries or DC adapter. 14-1039

Outstanding Values in Personal Stereo Cassette Players

(1) Realistic SCP-19. Dolby B NR reduces tape hiss and extends dynamic range. Auto-reverse. Metal-CrO2/normal switch. LED indicators for tape direction, battery condition. Belt clip. 4 3/4 x 3 1/2 x 1 3/4". Requires 2 "AA" batteries or AC or DC adapter. 14-1033

(2) Realistic SCP-20. Built-in equalizer boosts or cuts response in bands centered at 100, 1000 and 10,000 Hz. Auto-stop. LED low-battery indicator. Detachable belt clip. 4 1/2 x 3 3/4 x 1 5/8". Requires 2 "AA" batteries or AC or DC adapter. 14-1034

(3) Realistic SCP-22. You get great stereo sound at a very affordable price. Separate right and left volume controls to tailor sound. Auto-stop at end of tape. LED battery indicator. Detachable belt clip. 4 3/4 x 3 1/2 x 1 3/4". Requires 2 "AA" batteries or DC adapter. 14-1035

(4) Realistic SCP-26. A superlative outdoor sports model with a weatherproof housing for listening to your favorite tapes by the pool, on rainy camp-outs, or while jogging or snow skiing. Belt clip. 4 3/4 x 4 1/4 x 1 1/4". Requires 2 "AA" batteries. 14-1066

Amplified Speakers

Carry Case 4995 Pair

Turn your STEREO-MATE into a complete 3-piece portable stereo. See page 25 for details. 40-1259

Mini Speaker System

995

Dual 1 1/2" speakers in one compact enclosure! Plugs into 3/8" headphone jack. 3 1/4 x 3 1/4 x 1 1/2". 40-155

Mini Stereo Speakers

1995 NEW FOR 88

Separate 2 1/2" square speakers for better stereo realism. For 3/8" stereo headphone jack. 3 3/4 x 2 1/4 x 1 1/8". 40-165

Stereo Headphones

495

Nova-34. Lightweight (two ounces!) with full-range stereo! Foam earpads, adjustable headband. 4-foot cord. 1/8" plug. 33-1000
### Desktop & Portable Recorders

**Our Best "Notetaker" With Auto-Stop at End of Tape**

Realistic® CTR-70. A must for school, work or on-the-go recording. Has built-in mike, tone control, auto-level, cue/review, tape counter and LED record/battery indicator. 1¾ x 5¾ x 10¼". UL listed AC (or 4 "C" batteries or DC adapter, extra). 14-1050 49.95

**Built-In Mike for Recording Without Bothersome Cord**

Realistic CTR-71. Excellent for taking notes and dictation. Has cue/review, auto-stop and a jack for adding an external mike. With earphone. 1½ x 5½ x 9¼". Requires 4 "C" batteries or AC or DC adapter. 14-1051 29.95

**AC/DC Operation Plus Easy Editing**

Realistic CTR-72. Auto-level recording gives you perfect-volume playback every time. Convenient cue/review controls for easy editing. Built-in mike has sensitivity control. Earphone/erase plug, LEDs for record/battery check. Jacks for adding headphones and external mike. 7½ x 6¾ x 2¾". Requires 4 "AA" batteries or AC or DC adapter, extra). 14-1052 37.95

**Personal Cassette With One-Touch Recording**

Minisette™. Big performance in a compact size. One-touch recording takes you direct from "play" to "record", without stopping, for easily editing dictation. Built-in mike has sensitivity control. Earphone/erase plug, LED's for record/battery check. Jacks for adding headphones and external mike. 7½ x 8½ x 2½". Requires 4 "AA" batteries or AC or DC adapter. 14-1036 34.95

### Sing-Along Player

**21.95**

**Kids Love To Sing Along With Their Favorite Cassettes**

Realistic CTP-69. Detachable mike lets kids act like their favorite singers on music cartoons and the Top 40. Oversize pushbutton play, fast forward and stop/eject buttons. Separate thumbwheel controls for tape and sing-along volumes. 5½ x 7¾ x 2½". Requires 4 "C" batteries or AC or DC adapter. 14-847 21.95

### Kiddie Recorder

**26.95**

**A Colorful Carry Along That Plays And Records Cassettes Anywhere**

Realistic CTR-63. This high-impact recorder is designed especially for children. Auto-stop turns recorder off at tape end—saves batteries when youngsters forget to turn it off. Built-in mike. 8½ x 6½ x 2¾". Requires 4 "C" batteries or DC adapter. 14-846 26.95

### Tape Recorder/Radio

**29.95**

**Mike is Built Right Into the Handle for Convenient Recording**

Realistic CTR-79. Kids can enjoy their favorite cassettes or AM stations and make "live" recordings anywhere! Features auto-stop and function selector switch, rotary volume control and 3" speaker. Earphone jack. 7½ x 8½ x 2½". Requires 4 "C" batteries or AC or DC adapter. 14-1046 29.95

### Radio Shack Has the Adapters You Need for Portable Recorders

**AC and DC Power**

Stop wasting batteries and start saving money! These adapters will operate your portable tape recorder from 120VAC house current or 12VDC mobile power. Especially useful for reviewing lengthy recordings at home or in the car.

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<tr>
<th>Cat. No.</th>
<th>AC Price</th>
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**Prices Apply at Participating Radio Shack Stores and Dealers**
Cassette Portables and Accessories

Voice-Actuated Portables

Auto-Level for Perfect-Volume Playback

1. Realistic CTR-75. Easy-to-use voice-actuation prevents silent gaps to save you tape and time. Tape counter and mike switch. Jacks for earphone, remote mike. 1 1/4 x 5 3/4 x 7 1/6. Requires 4 "AA" batteries or AC or DC adapter. 14-800 . . . . . . . . 59.95

Compact With Auto-Stop and Built-In Mike

2. Minisette-15. Pushbutton controls, cue/review, tape counter, pause control, hi/lo mike switch, battery and record LEDs. Jack for adding remote mike. 4 3/4 x 3 3/4 x 1 1/4. With earphone. Requires 2 "AA" batteries or AC or DC adapter. 14-1027 . . 59.95

Cue/Review and Tape Counter for Easy Editing

3. Realistic CTR-85. Switchable auto-level for best recording of music or speech. Built-in mike, pause control, battery/record LED. Jacks for earphone, remote mike. 4 x 7 x 1 5/16. Requires 4 "AA" batteries or DC adapter. 14-1056 . . . 49.95

Switchable Auto-Level Recorder

59.95

ESP Available

- Built-In Mike
- Aux Input for External Audio Source
- 5-Segment LED Recording Meter

Realistic CTR-68. Switch auto-level "on" for perfect-volume playback of speech, or switch it off for wider dynamic range when recording music. Cue/review and tape counter for finding recorded passages quickly. Has auto-stop and pause, volume and tone controls, and jacks for remote mike and earphone. 2 1/8 x 9 1/16 x 6 3/4. Requires 4 "C" batteries or AC or DC adapter. 14-808 . . . . . . . . . . . . 59.95

Variable Speech Control Cassette

79.95

ESP Available

- Saves Listening Time by Playing Recorded Material Up to Twice Normal Speed
- lends you faster, yet normal-sounding speech playback with any standard cassette. The best way to review notes, speeches or audio books. Cue/review and tape counter make editing fast and easy. Auto-level and built-in mike. Jack for adding external mike. 2 1/8 x 10 1/8 x 6 3/4. With earphone. UL listed AC (or 5 "C" batteries or DC adapter, extra). 14-1060 . . . 79.95

Realistic Quality Open-Reel Recording Tape

Realistic VSC-2000. The first choice of students! Electronically gives you faster, yet normal-sounding speech playback with any standard cassette. The best way to review notes, speeches or audio books. Cue/review and tape counter make editing fast and easy. Auto-level and built-in mike. Jack for adding external mike. 2 1/8 x 10 1/8 x 6 3/4. With earphone. UL listed AC (or 5 "C" batteries or DC adapter, extra). 14-1060 . . . 79.95

Accessories

8-Track Recording Tape

SUPERTAPE. High output. Record up to 90 minutes, total. Polyester. 44-843

Radio Shack Has Everything in Recorders and Accessories
**RECORDING CASSETTES—GREAT SOUND & VALUE**

**SUPERTAPE**—GREAT SOUND & VALUE

- **Type:** C-60, C-90, M60, M90
- **Coated With Fine-Grain Metal Particles**
- **For Greater High-Frequency Headroom**

<table>
<thead>
<tr>
<th>Type</th>
<th>Total Recording Time</th>
<th>Cat. No.</th>
<th>1-11</th>
<th>12-23</th>
<th>24-47</th>
<th>48-Up</th>
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<tbody>
<tr>
<td>MW-60</td>
<td>60 Minutes</td>
<td>44-960</td>
<td>5.99</td>
<td>5.39</td>
<td>4.79</td>
<td>4.19</td>
</tr>
<tr>
<td>MW-90</td>
<td>90 Minutes</td>
<td>44-961</td>
<td>6.99</td>
<td>6.29</td>
<td>5.59</td>
<td>4.89</td>
</tr>
</tbody>
</table>

**METAL TYPES**

- **MW-90**
- **ERTA**
- **PREMIUM FERRIC**

**SUPERTAPE**—4 I./de/if,

<table>
<thead>
<tr>
<th>Type</th>
<th>Total Recording Time</th>
<th>Cat. No.</th>
<th>1-11</th>
<th>12-23</th>
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<tr>
<td>MI-60</td>
<td>60 Minutes</td>
<td>44-950</td>
<td>4.89</td>
<td>4.40</td>
<td>3.92</td>
<td>3.43</td>
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<td>MI-90</td>
<td>90 Minutes</td>
<td>44-951</td>
<td>5.69</td>
<td>5.12</td>
<td>4.56</td>
<td>3.99</td>
</tr>
</tbody>
</table>

**MII Metal Type II for Hi-Bias/CrO₂ Decks**

- **Captures the Subtle Harmonics of Fine Recordings for Lifelike Playback**
- **A superior metal tape for recording on equipment with CrO₂/hi-bias position.**
- **Delivers super-wide dynamic range and superior signal-to-noise ratio for cleaner, more musically “detailed” recordings.**

<table>
<thead>
<tr>
<th>Type</th>
<th>Total Recording Time</th>
<th>Cat. No.</th>
<th>1-11</th>
<th>12-23</th>
<th>24-47</th>
<th>48-Up</th>
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<tbody>
<tr>
<td>MII-60</td>
<td>60 Minutes</td>
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<td>2.59</td>
<td>2.33</td>
<td>2.10</td>
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<tr>
<td>MII-90</td>
<td>90 Minutes</td>
<td>44-951</td>
<td>2.79</td>
<td>2.51</td>
<td>2.26</td>
<td>1.89</td>
</tr>
</tbody>
</table>

**HD Hi-Definition Type II Chrome-Equivalent**

- **Captures the Loudest and Softest Passages While Reducing Noise**
- **Get excellent low-noise recordings on decks with CrO₂/hi-bias position.**
- **Plays on all cassette equipment.**

<table>
<thead>
<tr>
<th>Type</th>
<th>Total Recording Time</th>
<th>Cat. No.</th>
<th>1-11</th>
<th>12-23</th>
<th>24-47</th>
<th>48-Up</th>
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<tbody>
<tr>
<td>HD-60</td>
<td>60 Minutes</td>
<td>44-940</td>
<td>3.98</td>
<td>3.78</td>
<td>3.58</td>
<td>3.39</td>
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<tr>
<td>HD-90</td>
<td>90 Minutes</td>
<td>44-941</td>
<td>4.29</td>
<td>4.09</td>
<td>3.89</td>
<td>3.69</td>
</tr>
</tbody>
</table>

**XR Extended-Range Type I Premium Ferric**

- **For optimum performance at normal bias for greater musical “detail”**
- **Audiophile-quality tape at a low Radio Shack price!**
- **Precision housing reduces wow and flutter for a more stable recording.**

<table>
<thead>
<tr>
<th>Type</th>
<th>Total Recording Time</th>
<th>Cat. No.</th>
<th>1-11</th>
<th>12-23</th>
<th>24-47</th>
<th>48-Up</th>
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<tr>
<td>XR-45</td>
<td>45 Minutes</td>
<td>44-920</td>
<td>2.59</td>
<td>2.33</td>
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<tr>
<td>XR-60</td>
<td>60 Minutes</td>
<td>44-921</td>
<td>2.79</td>
<td>2.51</td>
<td>2.26</td>
<td>1.89</td>
</tr>
<tr>
<td>XR-90</td>
<td>90 Minutes</td>
<td>44-922</td>
<td>3.79</td>
<td>3.41</td>
<td>3.07</td>
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<tr>
<td>XR-120</td>
<td>120 Minutes</td>
<td>44-923</td>
<td>4.99</td>
<td>4.49</td>
<td>3.99</td>
<td>3.29</td>
</tr>
</tbody>
</table>

**LN Low-Noise Type I Standard Ferric**

- **High Output and Wide Frequency Response, Low Noise and Distortion**
- **Standard tape with above-standard sound.**

<table>
<thead>
<tr>
<th>Type</th>
<th>Total Recording Time</th>
<th>Cat. No.</th>
<th>1-11</th>
<th>12-23</th>
<th>24-47</th>
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<tr>
<td>LN-30</td>
<td>30 Minutes</td>
<td>44-601</td>
<td>1.58</td>
<td>1.39</td>
<td>1.25</td>
<td>1.05</td>
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<td>LN-60</td>
<td>60 Minutes</td>
<td>44-602</td>
<td>1.99</td>
<td>1.75</td>
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<td>90 Minutes</td>
<td>44-603</td>
<td>2.79</td>
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<td>1.85</td>
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<td>LN-120</td>
<td>120 Minutes</td>
<td>44-604</td>
<td>3.49</td>
<td>3.05</td>
<td>2.79</td>
<td>2.29</td>
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**Concertape® Type I—Quality at Low Cost**

- **3-Packs C-90**
- **Singles C-60**

<table>
<thead>
<tr>
<th>Type</th>
<th>Total Recording Time</th>
<th>Cat. No.</th>
<th>1-11</th>
<th>12-23</th>
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<td>44-605</td>
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<td>1.79</td>
<td>1.79</td>
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<td>44-607</td>
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<td>C-90</td>
<td>90 Minutes</td>
<td>44-608</td>
<td>3.19</td>
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<td>44-609</td>
<td>4.19</td>
<td>4.19</td>
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<td>4.19</td>
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<table>
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<tr>
<td>C-30</td>
<td>30 Min.</td>
<td>44-606</td>
<td>1.99</td>
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<tr>
<td>C-60</td>
<td>60 Min.</td>
<td>44-607</td>
<td>2.59</td>
</tr>
<tr>
<td>C-90</td>
<td>90 Min.</td>
<td>44-608</td>
<td>3.19</td>
</tr>
<tr>
<td>C-120</td>
<td>120 Min.</td>
<td>44-609</td>
<td>4.19</td>
</tr>
</tbody>
</table>

When in Fort Worth, Visit and Shop Tandy Center Mall, Home of Radio Shack World Headquarters
### Everything in Recording Accessories

#### Universal Demagnetizer
- Helps Cut Hiss
- For cassette, 8-track, open-reel, and index labels. UL listed AC.
- Pkg. 44-225
- Pkg. 100/1.29

#### Lighted Demagnetizer
- 3½" Lighted Probe
- Helps Find Heads
- Works with all tape decks. UL listed AC.
- Pkg. 44-207
- Pkg. 10/13.95

#### Bulk Eraser
- Erases Tapes in Seconds
- Fast, complete erasing. Not for metal or video tape. UL listed AC.
- Pkg. 44-232
- Pkg. 44-1167
- Pkg. 44-1165

#### Demag/Cleaner Kit
- Five-Piece Kit
- Demagnetizer, cassette, probe, mirror, solution, cloth.
- Pkg. 44-1162
- Pkg. 44-1165

#### Cassette Head Demagnetizer
- New Low Price!
- Pkg. 44-1165
- Pkg. 44-1167

#### Tape Housing
- Pro-Style Solvent
- Reduces Distortion
- For all tape heads
- Chemically treated to gently clean tapes. Equipment dust covers.
- Pkg. 44-1088
- Pkg. 4/1.69

#### Cassette Boxes
- Protect your valuable tapes. Hinged see-through type for easy identification.
- Pkg. 44-611
- Pkg. 3/1.19

#### Cassette Mailers
- Great for sending cassette "letters" or music demo tapes. Comply with First Class postal regulations. With labels.
- Pkg. 44-608
- Pkg. 3/89c

#### Car/Boat Adapter
- Powers most portables. Plugs into lighter socket. Switchable 6V/9V DC output. Fusion 12V DC reg. Pkg. 44-844
- Pkg. 6/6.95

#### Liquid-Action Cleaner Cassette
- New Low Price!
- Was $4.99 in 1987 Catalog
- Felt pads and unique wipping action clean head, roller, and capstan. With ½-oz. of fluid.
- Pkg. 44-1163
- Pkg. 3.99

#### Cassette Head Cleaner
- Extends Tape Life
- Non-abrasive tape restores record and playback clarity.
- Pkg. 44-1160
- Pkg. 1.89

#### Professional Head Cleaning Kit
- For audio and video. With 6-dram bottle of Freon TF+ solvent and six foam swabs. TM E du Pont de Nemours & Co. Inc.
- Pkg. 44-1170
- Pkg. 2.59

#### Cassette Cleaning Kit
- Restores Fidelity
- Removes oxides from head and capstan. With cleaning fluid.
- Pkg. 44-1162
- Pkg. 2.69

#### Cleaner Spray
- For All Tape Heads
- Zero-residue spray removes dirt and oxide deposits for improved response and clarity. 6 oz. Pkg. 44-1014
- Pkg. 1.99

#### Splicing Tape
- Chromed cut/trim lever.
- With one roll splicing tape and instructions.
- Pkg. 44-214
- Pkg. 100/6.49

#### Editing Block
- For All Tape Sizes
- Alumimum splicer has 90° and 45° cutting guides. With cutting blade, mounting strip.
- Pkg. 44-224
- Pkg. 3.99

#### Universal Splicer
- Dual-guide design is ideal for tape-to-tape editing. Levers secure tape for precise cuts. With blade, instructions.
- Pkg. 44-216
- Pkg. 1.99

#### Deluxe Cassette Repair Kit
- With 32-page manual, housing, labels and all splicing materials.
- Pkg. 44-629
- Pkg. 6.95

#### Deluxe Cassette Tape Splicer
- Self-adhesive. Cover
- For indexing or protecting your tape.
- Pkg. 44-1013
- Pkg. 1.69

#### Leader Tape
- Resist age, heat, humidity. 100" roll.
- Width Cat. No. Each
- ½" 44-1125 79
- ¼" 44-1126 79
- ⅛" 44-1128 79

#### Coding Tape
- Insert for 10 seconds— one end for head, other for capstan rollers. Non-abrasive.
- Pkg. 44-208
- Pkg. 6/79c

#### Self-Adhesive Index Labels
- Self-adhesive. Cover original labels. Six each of red, yellow, blue and green.
- Pkg. 44-621
- Pkg. 24/99c

#### Cassette Index Cards
- Replace original cards. Plenty of room to list newly recorded selections. Fit standard cassette boxes.
- Pkg. 44-623
- Pkg. 20/1.19

#### On/Off Foot Switch
- Easy To Use
- Remote control switch for hands-free on/off capability. Ideal for typing from dictation. Sub-mini plug.
- Pkg. 44-610
- Pkg. 2.99

#### Phone Pickup Coil
- For high-quality recordings of personal phone calls. Suction cup fastens on phone receiver. With cord.
- ⅛" mini-plug.
- Pkg. 44-533
- Pkg. 1.99

See Our Complete Line of Tape Decks, Portable Tape Recorders and Personal Portables
# Audio/Video Tape Organizers & Protectors

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Audio Cassette Cases</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Store Them Like Books</td>
<td>Low As</td>
<td></td>
</tr>
<tr>
<td>12-Cassette Folding Album</td>
<td>3.95</td>
<td>Smoked acrylic racks hold ten cassettes each for a total of 20. Add more as your library grows. 44-682 ............................................................................... 2.99</td>
</tr>
<tr>
<td>24-Cassette Case</td>
<td>7.39</td>
<td></td>
</tr>
<tr>
<td><strong>Audio Cassette Racks</strong></td>
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<tr>
<td>12-Cassette Folding Album</td>
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<tr>
<td><strong>Audio Cassette Case</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>For Up to 24 Tapes</td>
<td>6.95</td>
<td>Holds 12 boxed or 24 unboxed cassettes. For car, home or boat. Deluxe vinyl. Snap latch, carry handle. 44-657 ......................................................................... 6.95</td>
</tr>
<tr>
<td>For Up to 48 Cassettes</td>
<td>9.95</td>
<td>Holds 24 boxed or 48 unboxed tapes. For the larger library. Heavy-duty vinyl, snap latch, carry handle. 44-658 .............................................................................. 9.95</td>
</tr>
<tr>
<td><strong>Audio Cassette Tray</strong></td>
<td>2.99</td>
<td>For 15 Tapes</td>
</tr>
<tr>
<td>Attractive tinted cover keeps dust out. Guards tapes. Molded construction. 44-685 .................................................................................. 2.99</td>
<td></td>
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<tr>
<td><strong>Audio Cassette Module</strong></td>
<td>1.99</td>
<td>Holds 10 boxed or 16 unboxed tapes. Modules interlock and stack horizontally or vertically. 44-685 .................................................................................. 1.99</td>
</tr>
<tr>
<td><strong>Cassette Case</strong></td>
<td>7.99</td>
<td>Holds 15 boxed tapes or most personal players and tapes. Carry handle. 44-688 ...................................................................................................................... 7.99</td>
</tr>
<tr>
<td><strong>Audio Cassette Cabinet</strong></td>
<td>21.95</td>
<td>Holds 36 tapes. Walnut vinyl. 41/4 x 151/2 x 121/2&quot;. 44-684 ........................................................................................................................................ 21.95</td>
</tr>
<tr>
<td><strong>Audio Tape Carry Case</strong></td>
<td>9.95</td>
<td>For Up to 48 Cassettes</td>
</tr>
<tr>
<td><strong>Universal Carry Case</strong></td>
<td>9.95</td>
<td>Holds 18 tapes or 10 single CDs. Carry strap. 44-687 .................................................................................................................................................. 9.95</td>
</tr>
<tr>
<td><strong>Video Cassette Cabinet</strong></td>
<td>29.95</td>
<td>Holds Up to 24 Beta or VHS Tapes</td>
</tr>
<tr>
<td>Sturdy wood cabinet with two compartment drawers. Stores and protects your tapes. No-mar feet. Simulated woodgrain finish. 51/4 x 171/2 x 16&quot; 44-1199 ....................................................................... 29.95</td>
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<td></td>
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<tr>
<td><strong>One-Drawer Cabinet</strong></td>
<td>16.95</td>
<td>Holds Up to 10 VHS Or Beta Tapes</td>
</tr>
<tr>
<td>Stores and protects video cassettes with or without library-type albums. Woodgrain finish. 6 x 91/2 x 15&quot; 44-1188 ......................................................................... 16.95</td>
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<tr>
<td><strong>Video Tape Racks</strong></td>
<td>4.99</td>
<td>Smoke-colored molded racks each hold six Beta or six VHS video tapes for a total of 12. 44-1197 .......................................................................................... 4.99</td>
</tr>
<tr>
<td><strong>Video Library Albums</strong></td>
<td>2.99</td>
<td>Protects and organizes VHS or Beta tapes, book-style. 44-1105 ...................................................................................... Pkg. of 3/2.99</td>
</tr>
<tr>
<td><strong>Video Tape Mailer</strong></td>
<td>2.49</td>
<td>U.S. Postal Service-approved. Locking, dust-free storage for VHS or Beta. 44-1101 .............................................................................................................. 2.49</td>
</tr>
<tr>
<td><strong>Video Tape/CD Case</strong></td>
<td>9.95</td>
<td>Holds 18 tapes or 10 single CDs. Carry strap. 44-687 .................................................................................................................................................. 9.95</td>
</tr>
<tr>
<td><strong>Video Module</strong></td>
<td>4.99</td>
<td>Holds Six Tapes</td>
</tr>
<tr>
<td>Stores VHS and Beta tapes. Interlocks horizontally or vertically to expand storage. 44-1102 ........................................................................................ 4.99</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Universal VCR Cover</strong></td>
<td>5.95</td>
<td>Keeps out damaging dust. Static-resistant vinyl. Fits most VCRs. 5 x 18 x 131/4&quot;. 44-1182 ............................................................................................ 5.95</td>
</tr>
</tbody>
</table>
SUPERTAPE VIDEO CASSETTES—YOUR BEST CHOICE FOR SUPERIOR PICTURE & SOUND

VHS T-120 Video Cassette. Up to six hours recording time. Excellent color stability and consistently clear picture. Compatible with all standard VHS recorders. 44-400 5.99

Beta L-750 Video Cassette. Up to 4½ hours recording time. Long-life particle formation—preferred for time-shift recording. 44-475 7.99

VHS T-120 SUPERTAPE HG. Exceptional resolution and color reproduction at slow speed plus superior audio reproduction. 44-410 9.99

Beta L-750 SUPERTAPE HG. For incomparable picture and sound play after play. Recommended for your archival-quality recordings. 44-480 7.99

VHS T-120 Pro High-Grade Video Cassette. The right choice for your master recordings. Premium fine-particle formulation delivers exceptional luminance and chroma performance. Use in your hi-fi VCR for rich colors, enhanced detail and extended audio frequency response. Includes protective storage box. 44-411 9.99

Beta L-750 SUPERTAPE HG. For incomparable picture and sound play after play. Recommended for your archival-quality recordings. 44-480 7.99

VHS T-120 Pro High-Grade Camera Cassette. Specially designed for demanding commercial and semi-pro use. Premium fine-particle formulation produces outstanding chroma and luminance, extended audio frequency response, richer, vibrant colors and razor-sharp detail. Protective storage box included. 44-412 7.99

VHS-C Video Tapes and Cleaner

VHS-C TC-20 SHG Video Cassette. Super High Grade tape for VHS-C camcorders. Exclusive formulation delivers true-to-life colors even after multiple recordings and playbacks. Precision housing. 44-430 6.99

VHS-C TC-20 MHG Video Cassette. Master High Grade for the best results at regular and slow-speed recording. Delivers vivid colors, fine detail and improved sound. 44-431 7.99

VHS-C Automatic VCR Cleaning System. Keeping your recorder's heads clean reduces wear, noise and improves picture quality—and it's easy, too. Just put fluid in cassette, load into camcorder and "play" to thoroughly clean heads. With fluid. 44-1187 16.95

VCR Cleaning Systems

Were $14.95 in 1987 Catalog

Load Like a Tape—Press "Play" to Clean

Nonabrasive system thoroughly cleans heads, capstans, pinch rollers and guides. Takes only 20 seconds or less. Just put cleaning fluid into the special cassette, load it into your VCR, and press the play button. Use whenever needed to restore maximum video and audio performance.

For Beta. 44-1186 12.95
For VHS. 44-1185 12.95

VCR Cleaning Kit

With brush, mirror probe, glove, Freon TF*. 44-1172, 9.95
TM E.I. DuPont de Nemours & Co. Inc

Video Index Log Book

Keep track of your tapes! Videolog creates a quick reference for your video tape library.
44-1176 5.99

VCR Cleaning Systems

VHS-C Video Tapes and Cleaner

VHS-C Automatic VCR Cleaning System

VCR Cleaning Kit

Video Index Log Book

Relabeling Kit

Relabeling Tape

Bulk Tape Eraser

Tape Rewinder

Video Labeling Kit

Relabeling Kit

Relabeling Tape

See Our Complete Line of Video Accessories on Pages 108-111
VALUES IN FULL-RANGE STEREO HEADPHONES

49.95

39.95

34.95

Studio Quality Stereo
For Listening Pleasure

Realistic PRO-60. Our best full-size headset! Soft variable-density ear cushions. "Acoustic resonance" design for solid bass with open, transparent midrange and treble. Total harmonic distortion is less than 0.5%. 15-30,000 Hz frequency response. With 10-ft. coiled cord, 1/4” plug. 33-999 . . . 49.95

Realistic LV-10. Unique electro-acoustical configuration and 2" dynamic elements deliver the power of a live performance with clear sound. Soft, foam ear cushions. 20-20,000 Hz. Has 10-ft. coiled cord, 1/4” plug. 33-1004 . . . . 39.95

Realistic Nova-65. Features side-mounted slide-action controls for adjusting volume and balance from your chair. Rugged vinyl drivers, foam-filled ear cushions, adjustable headband. 20-20,000 Hz. With 10-ft. coiled cord, 1/4” plug. 33-1023 . . . 34.95

Realistic Nova-55. These slim-silhouette phones are light on your ears and your budget. Low-mass drivers deliver excellent transient response. Soft vinyl, foam-filled cushions. 20-20,000 Hz. With 10-ft. coiled cord, 1/4” plug. 33-1020 . . . . 29.95

Realistic Nova-40. Big 3½" drivers produce full-range stereo. Cushioned earcups and adjustable headband. 30-18,000 Hz. Has 10-ft. coiled cord, 1/4” plug. 33-993 . . . . 24.95

Realistic Nova-16. Exclusive Glide-Path volume/balance controls. Adjustable headband and air-cushion earpads. 50-15,000 Hz. With 6½-ft. cord, 1/4” plug. 33-1019 . . . . 19.95

Realistic Nova-10. Our lowest priced full-size headphones. The 2" drivers deliver full bass. Air-cushion earpads. 50-15,000 Hz. Has 6½-ft. cord, 1/4” plug. 33-1012 . 14.95

Lightweight Headphones for
Personal Portable Stereo

Realistic Nova-45. Rare-earth magnets deliver deep bass. Weighs 3.3 oz. 20-20,000 Hz. Has 6½-ft. cord, 1/8” plug. Includes 1/8”-to-1/4” adapter. 33-1011 . . . . . 24.95

Realistic Nova-52. Folds up for easier carrying. Weighs 2.5 oz. 50-20,000 Hz. Has 6½-ft. cord, 1/8” plug. 33-979 . . . . 19.95

Realistic Nova-51. Same fold-up design and features, but 1/4” plug. 33-978 . . . . 19.95

Realistic Nova-37. Rests comfortably inside ear for a secure fit—just the thing for active people. Adjustable headband. Only 2 oz. 50-20,000 Hz. Has 45” cord, 1/8” plug. 33-2003 . . . . 15.95

Realistic Nova-35. Foam earpads and adjustable headband. Weighs less than 4 oz. 50-20,000 Hz. Has 5-ft. cord, 1/8” plug. Includes 1/8”-to-1/4” adapter. 33-1035 . . . . 13.95

Budget Stereo Headphones

Realistic Nova 33. Only 1¼ oz. Foam earpads. 50-20,000 Hz. response. Has 4-ft. cord, 1/8” plug. 33-976 . . . . 9.95

Realistic Nova 36. Fold-up design. Only 2 oz. Foam earpads. 40-20,000 Hz. Has 4-ft. cord, 1/8” plug. 33-2002 . . . . 6.95

Extra Earpads. 33-375 . . . . . 99¢

Realistic Nova 34. Only 2 oz. Foam earpads, adjustable headband. With 4-ft. cord, 1/8” plug. 33-1000 . . . . 4.95

Extra Earpads. 33-375 . . . . . 99¢

Ultra-Light In-Ear. No headband needed! Just 0.6 oz. 50-20,000 Hz. With 4-ft. cord, 1/8” plug. 33-977 . . . . 12.95

Extra Earpads. 33-376 . . . . . 99¢

Radio Shack—Famous for Personal Service and Quality Electronics Since 1921
Wireless Headset and Transmitter

Enjoy Cordless Listening from Across the Room

59.95

Now you can enjoy listening privacy with the convenience of a cordless headset using infrared technology. Transmitter sends a monaural signal from any radio or TV with a headphone jack. A real "helper" for the hearing impaired. Works up to 20 feet away. Full 30-18,000 Hz audio response. With UL listed AC adapter. Headset requires 9V battery. 32-2050

59.95

Stereo Infrared Wireless System

NEW FOR 88 89.95

Available Nov. 30, 1987

Hear Rich Stereo Sound With Cordless Freedom

Wireless listening—no more tangling, trailing cords! Transmits up to 20 feet away from the source. Stereo transmitter connects to any headphone jack. Clip the receiver to belt or shirt pocket and plug in stereo headphones—it’s that easy! Includes transmitter and receiver, 1/8"-to-1/4" adapter. UL listed AC adapter. Receiver requires 9V battery and headphones. 32-2051

89.95

Monaural Earphones

NEW FOR 88

1.49 Each

With earclip, 3/4-ft. cord.

3/8" Plug. 33-174 ........................................... 1.49
1/8" Plug. 33-175 ........................................... 1.49

2.19

Earphone Cord

Extends to 20 feet. Mono cord has 1/8" jack and plug. Use with any 1/8" mono plug on this page. 33-176 ........................................... 2.19

Mono Earphone

NEW FOR 88

3.29

Enjoy Private Listening

Monaural Earphones

Fits most portable TV sets and cassette recorders. For new or replacement use. Has 10-ft. cord, 1/8" plug. 33-177 ........................................... 3.29

2.49

Set of Four

Replacement Earpad Set

These polyurethane foam covers fit most lightweight headsets. Includes two black and two blue. 33-374 ........................................... 2.49

2.99

Pillow Speaker

Doze Off To Your Portable

Slips under pillow for private and late-night listening. With volume control, 1/8" jack that fits most portables. 33-207 ........................................... 4.99

Plug Adapters For Headphones

5.69

Straight Extension

Noncoiled 20-foot audio extension cable. For 1/4" plugs. 42-2442 ........................................... 5.69

2.99

1/8" to 1/4" Cable

1/4" Y-Adapter

1/8" Y-Adapter

Coiled Extension

Coiled audio cable extends to 24 feet. For 1/4" plugs. 42-2443 ........................................... 7.99

4.49

Lightweight, highly flexible 20-ft. cord with 1/8" stereo mini plug and jack. 42-2462 ........................................... 4.99

Stereo Extension

4.99

Pillow Speaker

Small price for privacy and convenience! Listen to TV, clock radios or portables without disturbing others. Has 1/8" plug. 33-206 ........................................... 2.99

Budget Pillow Speaker

2.99

See Our Complete Selection of Plug Adapters on Page 137
Dual-Electret Element Stereo Microphones

Dual Pattern. Two sensitive elements and a special matrix circuit let you select "normal" pattern, or a "wide" mode to enhance the stereo image when recording larger groups. Wire mesh screen cuts wind noise. 30 to 15,000 Hz response. 600 ohms. On/off switch. 8" long. 10-foot cord with two 1/4" phone plugs. Vinyl carrying case, stand adapter. Requires "AA" battery. 33-1065 34.95

Dual Head. Heads are adjustable up to 90° for full stereo separation—especially useful for recording conferences or choirs. 50 to 15,000 Hz response. 600 ohms. Built-in stand. Foam windscreens. 5 3/4" long. 6 1/2-foot cord with two 1/4" plugs. Requires "AA" battery. 33-1065 23.95

Dynamic Mikes for Recording and PA, All With Wire Mesh Screens to Reduce Wind and Breath Noise

Realistic® Highball Unidirectional. An outstanding microphone for public address systems and hand-held vocal use. 60 to 15,000 Hz response. On/off switch. Has selectable high or low impedance—works with all types of equipment. Low-impedance (XLR) capability. 6 1/2" long. 16-foot cable with 1/4" plug. Includes deluxe case, stand adapter. 33-984 54.95

Super-Omni directional. Flat 40 to 17,000 Hz response. Rugged body with rubber shock ring to reduce vibration noise. Low-impedance (XLR) capability. 6 3/4" long. Includes 16-foot cable with 1/4" plug, carrying case and stand adapter. 33-1070 44.95

Cardioid Pattern. Sturdy die-cast body. On/off switch. 50 to 15,000 Hz response. Low-impedance (XLR) capability. 7" long. Includes 12-foot cable with 1/4" plug and stand adapter. 33-1071 29.95

Tight-Cardioid Pattern. Minimizes background noise and feedback. 60 to 12,000 Hz response. 600 ohms. On/off switch. 7" long. Includes 6-foot cable with 1/4" plug and stand adapter. 33-992 25.95

Realistic Highball-2 Omnidirectional. Internal "pop" filter. Chromed body. On/off switch. 50 to 15,000 Hz response. 600 ohms. 8 1/2" long. Includes 6-foot cable with 1/4" plug, stand adapter. 33-985 21.95

Realistic Highball-7 Omnidirectional. Internal filter reduces feedback. On/off switch. 80 to 15,000 Hz response. 600 ohms. 8 1/2" long. Includes 10-foot cable with 1/4" plug and stand adapter. 33-986 15.95

PZM Microphone

Realistic PZM. Unlike ordinary mikes, it detects pressure changes, not sound waves, so PZM eliminates "echoes" and increases clarity and pickup range. Especially suitable for large rooms and stages. 20 to 18,000 Hz response. 600 ohms. 5 1/2 x 4 3/8" base. Includes 18-foot cord, 1/4" plug. Requires "AA" battery. 33-1090 44.95

PZM is a Trademark of Crown International

Pattern Choice

Cardioid
Omi

Cardioid or Unidirectional Pickup Pattern. Helps cut background noise and feedback. Omnidirectional. Wide pickup pattern, equally sensitive in all directions.

Two-Way Versatility

Mikes 33-984 and 33-1070 are adaptable to professional-type XLR balanced output. XLR connectors on page 137

Prices Apply at Participating Radio Shack Stores and Dealers
### Wireless and Special-Purpose Mikes

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td><strong>Wireless FM Tie-Clip Mike</strong></td>
<td><strong>19.95</strong></td>
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<tr>
<td>Transmits to Any Standard FM Radio</td>
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<tr>
<td>This tiny electret condenser mike fits in the palm of your hand, yet transmits up to 250 feet outdoors. Excellent for PA or remote taping. 1½ x 3/4 x 3/8&quot; Tunable from 88 to 108 MHz for best results. On/off switch. Includes tuning tool, battery. 33-1076</td>
<td>19.95</td>
</tr>
<tr>
<td><strong>Complete 2-Piece Wireless FM Microphone System</strong></td>
<td><strong>69.95</strong></td>
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<tr>
<td>• Crystal-Controlled Transmitter</td>
<td></td>
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<tr>
<td>• Dual-Conversion Receiver</td>
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<tr>
<td>Hands-free talking! Use with PA or hi-fi amp, or video camera. Transmitter has off/standby/talk switch, LED battery-test indicator, belt clip 200-foot range, 70-10,000 Hz response. Transmitter (2½ x 3½ x 7½&quot;) requires &quot;AA&quot; battery. Receiver (2½ x 6½ x 5½&quot;) UL listed AC (or DC adapter, extra). 32-1221</td>
<td>69.95</td>
</tr>
<tr>
<td>12 VDC Power Cord. 270-1534</td>
<td>4.99</td>
</tr>
<tr>
<td><strong>Slim Electret Omni Microphone</strong></td>
<td><strong>19.95</strong></td>
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<tr>
<td>Only 6¼&quot; Long</td>
<td></td>
</tr>
<tr>
<td>Weighs less than 3 ounces. 20 to 13,000 Hz response. 600 ohms. Includes cable, ¼&quot; plug. Requires &quot;AAA&quot; battery. 33-2011</td>
<td>19.95</td>
</tr>
<tr>
<td><strong>Mini Electret Tie-Clip Microphones</strong></td>
<td><strong>23.95</strong></td>
</tr>
<tr>
<td>• For Convenient Hands-Free Use</td>
<td></td>
</tr>
<tr>
<td>• Use for Stage, Lectures or Your Next Home Video</td>
<td></td>
</tr>
<tr>
<td>(1) Miniature Omni. Just ¾&quot; long! 50-15,000 Hz. 1000 ohms. With clip. 3-ft. cord. ½&quot; plug. LR44 battery. 33-1052</td>
<td>23.95</td>
</tr>
<tr>
<td>(2) Super Omni. 30-18,000 Hz. 800 ohms. ½&quot; long. With 6½-ft. cord. ¼&quot; plug. ½&quot; adapter, clip, tie-pin. LR44 battery. 33-1063</td>
<td>23.95</td>
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<tr>
<td><strong>Dynamic Mike</strong></td>
<td><strong>16.95</strong></td>
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<tr>
<td>• Omnidirectional</td>
<td></td>
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<tr>
<td>• With Neck Cord And Desk Stand</td>
<td></td>
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<tr>
<td>MC-1000. The right choice for lectures, public speaking or tape recording. 150 to 10,000 Hz. 10,000 ohms. 5¼&quot; long. With cable, ½&quot; plug. 33-990</td>
<td>16.95</td>
</tr>
<tr>
<td><strong>Omni Mike in a Credit-Card Size</strong></td>
<td><strong>14.95</strong></td>
</tr>
<tr>
<td>Special design helps cut echo. 30 to 18,000 Hz response. 700 ohms. With 5-foot cord, ½&quot; plug. Fits most portable recorders. ½&quot; x 3½ x 2½&quot;. With RS391 battery. 33-1099</td>
<td>14.95</td>
</tr>
<tr>
<td><strong>Replacement Mikes for Portable Tape Recorders</strong></td>
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<tr>
<td>Electret Condenser Omnidirectional. Wide 20 to 13,000 Hz response. ½&quot; audio output plug, submini plug for remote on/off. 6½-foot cord. With stand, windscreen. &quot;AAA&quot; battery. 33-1060</td>
<td>14.95</td>
</tr>
<tr>
<td>&quot;Pencil&quot; Dynamic Omni. 150 to 10,000 Hz. ½&quot; miniplug for audio output, submini plug for remote. Low impedance. Clip-on stand. 6½-foot cord. 33-1034</td>
<td>6.99</td>
</tr>
<tr>
<td><strong>Portable Folding Mike Stand</strong></td>
<td><strong>19.95</strong></td>
</tr>
<tr>
<td>Adjusts from 32&quot; to 57&quot;. Standard ½&quot;-27 threading and positive-action clutch. Folding legs, rubber feet. 33-325</td>
<td>19.95</td>
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<tr>
<td><strong>31&quot; Boom Adapter</strong></td>
<td><strong>13.95</strong></td>
</tr>
<tr>
<td>Chromed tube, adjustable length and angle. Standard ¾&quot;-27 threading. 33-344</td>
<td>13.95</td>
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<td><strong>Mike Stand Adapters</strong></td>
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<tr>
<td>(3) 13&quot; Gooseneck Extension. Position mike in any direction. 33-330</td>
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<td>(4) ½&quot; Screw Flange. Secures mike stand to desk or lectern. 33-332</td>
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<tr>
<td>(6) Slip-In. Holds most mikes. Fits ¼&quot;-27 thread. 33-371</td>
<td>2.49</td>
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<td><strong>Impedance Adapters</strong></td>
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<td>(7) A3F. Connect &quot;pro&quot; line to hi-Z. 274-016</td>
<td>11.49</td>
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<tr>
<td>(8) A3M. Use hi-Z mike with &quot;pro&quot; system. 274-017</td>
<td>11.49</td>
</tr>
<tr>
<td>(9) ¼&quot;, Lo to hi-Z. 274-023</td>
<td>8.95</td>
</tr>
</tbody>
</table>

See Pages 50-51 for Radio Shack's PA Amplifiers and Money-Saving Systems
Five-Channel Stereo Mixer

Inputs for Two Tape Decks, Three Mikes and Two Magnetic or Ceramic Turntables

ESP Available

119.95

Low As $15 Per Month*

Our finest mixer! Use this professional-feature mixing console to record from multiple sources or control audio at "live" performances. "Pan" pots adjust each mike's apparent position in the stereo image. Features our exclusive Glide-Path® fader controls on all channels, and two lighted meters for signal monitoring. Separate jacks for tape recording and main line-out, 1/4" headphone jack with adjustable cue/monitor level, two "cue" pushbuttons and mono/stereo switch. Frequency response, 10-30,000 Hz. 2 3/4 x 10 3/4 x 8 1/2". UL listed AC. 32-1200

Four-Channel Stereo Mixer

Mix a Tape Deck, Mike and Two Turntables

AC or Battery Power  Battery Test Button

Dual Input Meters  Headphone Jack

ESP Available

69.95

Make recordings or mix "live" sound like the professionals with this value-priced mixer. Features Glide-Path channel faders, dual VU meters for monitoring input levels, two magnetic/ceramic phono inputs, stereo microphone input, tape and line outputs, cue/monitor, 1/4" mike jacks. Mono/stereo mode switch permits mono signal on both output channels. Headphone monitoring jack. Built-in battery tester. 20-20,000 Hz. 2 3/4 x 10 1/2 x 7 1/2". Requires 4 "AA" batteries or AC adapter. 32-1100

Budget-Priced Audio System Mixer and Sound Processors

Stereo Mike/Line Mixer

24.95

- Mixes Up to Four Mikes or Line Inputs Simultaneously
- Stereo/Mono Switch

Our most affordable audio mixer is "the" low-cost way to record like a professional from multiple sources or add extra inputs to a PA system. Features Glide-Path faders on all four channels for smooth and easy volume changes, battery-test pushbutton with LED indicator. Mike level output. 2 3/4 x 8 3/4 x 5". Requires 9V battery. 32-1105

Parametric Stereo EQ

39.95

Fine-Tunes Equalization for Best Sound in a Specific Room

Now you can boost or cut response ± 12 dB in three bands, and adjust control range of each to overcome "hollow" sound, boominess and other problems. Control Ranges 32-160/320-1600/3200-16,000 Hz. Line-in/out jacks, gain and EQ-in/out controls. 2 3/4 x 7 x 4 7/8". Requires 6 "AA" batteries or AC adapter. 32-1106

Electronic Reverb

44.95

- Adjustable 5-95 Millisecond Delay
- Depth, Mike Level & Repeat Controls

Adds echo and reverberation effects to "live" vocals, recordings, or amplified musical instruments. Works with tape decks, PA or guitar amps. Jacks for line-in, line-out, and 1/4" mike in/out. Mono circuit. 2 1/2 x 6 1/2 x 4 3/4". Requires 6 "AA" batteries. 32-1110

48

Shop Radio Shack for All Your PA Equipment and Accessories
PA/PAGING SPEAKERS AND ACCESSORIES

High-Power Public Address Sound Reinforcement Speaker

For Voice or Music in Clubs, Schools or Stage Shows

99.95 Each

Low As $15 Per Month

Two Heavy-Duty 10" Woofers And Piezo Horn Tweeter

Great for Portable Use or Permanent Installation

Realistic PA-95. You'll get outstanding performance from this high-efficiency system that features controlled sound coverage and a smooth, extended response from 100-20,000 Hz. Has 100-watt power handling capacity. Impedance, 8 ohms. System sensitivity: Rated 95 dB (SPL at 1W/1M). 11 x 6½ x 8½". 40-1251...41.95

Super Powerhorn® Speaker

41.95

- 40-Watt Power Capacity
- Adjustable Base

High-efficiency design for maximum sound fidelity for speech and music. Engineered for years of reliability. Metal swivel base. Power capacity, 40 watts. 8 ohms. SPL: 110 dB (1W/1M). 11 x 6½ x 8½". 40-1219...16.95

Budget Powerhorns

31.95

41.95

For Indoor or Outdoor Use

PA, music and paging speakers are waterproof, shockproof and resist rust. 8 ohms. With mounting bracket. 8" Horn. 15 watts. 40-1239...31.95
5" Horn. 8 watts. 40-1236...17.95

8" Wall Speaker/Baffle

16.95

Mounts Easily On Wall

For voice or music. Handy built-in volume control. 8 ohms. Walnut vinyl finish. 10½ x 10¾ x 4¾". 40-219...16.95

4" Powerhorn

12.95

Use Indoors Or Out

Outstanding voice or music performance in a compact size. 8 ohms. With mounting bracket. 40-1244...12.95

In/Outdoor Speakers

7.99

19.95

Big value on these versatile speakers. Both include slots and hardware for wall mounting. 8 ohms.

4". 4¾ x 5½ x 3". 40-1227...7.99
6½". 4½ x 8½ x 3½". 40-1248...19.95

70-Volt Line Transformers

(1)

(2)

(1) Standard. Taps at 10, 5, 2.5, 1.25 and 0.62 watts. For 4, 8 or 16 ohms. 32-1031...4.99
(2) 100 watt. Adapts amps to 70V line. 4-ohm primary. 32-1032...24.95

Sound Level Meter With Seven Ranges

29.95

Monitor Music or Noise Levels in Home or Industry

Use with frequency equalizer to customize audio response of stereo or PA systems for optimum sound in any listening room. Reads to 126 dB SPL with slow or fast response, "A" or "C" weighting. Electret mike. Recording output. 6¾ x 2½ x 1¾. Requires 9V battery. 33-2050...29.95

One-Watt Speaker/Amp

17.95

One-piece system for amplified sound wherever you need it. Tone, volume controls. Features aux input, 1/8" mike jack. 2½½ x 5 x 3½". Requires 4 "C" batteries. 32-2031...17.95
AC Adapter. UL listed. 273-1454, 6.95

Set Up Anywhere

PA Musical Powerhorn

39.95

Includes Song List

- Plays 94 Tunes
- Programmable—Add Five More Tunes of Your Own
- Built-In Microphone
- Up to 300-foot Range

Plays 94 tunes, from college fight songs to pop tunes, plus up to five more you can program yourself. Adjustable shoulder strap, power-on indicator, keypad to select or program tunes. Requires 8 "AA" batteries. 32-2030...39.95
RELIABLE REALISTIC® PA POWER AMPLIFIERS

100-Watt Amp With Built-In Mixer
And Antifeedback Control

199.95
Low As $15 Per Month*
ESP Available
- Four Adjustable Microphone Inputs
- Aux Input for Adding Mixer/Tape Deck

Realistic MPA-90. Our best amp has the power and performance demanded in auditoriums, churches and dance clubs. Variable feedback filter cuts any selected frequency, from 300 to 3000 Hz, by 12 dB to reduce annoying “howls” and “squeals.” Features four high and four low-impedance mike inputs and Glide-Path® level faders for each channel. Master volume control with a handy “memory” ring, lighted power meter and LED clipping indicator. Fully protected against overload. UL listed AC. 32-2024

SPECIFICATIONS. Frequency Response: 30-20,000 Hz ±2 dB. Power: 100 watts rms at 4 ohms. Outputs: Mix bus, EQ in/out, push-terminals and phone-type jacks for 4 to 16-ohm speakers, 1/4” headphone jack. Power Requirement: 120VAC, 60 Hz, 200W. Size: 43/8 x 141/2 x 101/2”

Compact 35-Watt PA Power Amp
With Built-In Equalizer

99.95
Low As $15 Per Month*
ESP Available
- Remote Priority Override for Easy Paging
- In Businesses and Warehouses
- Three-Band Graphic EQ
- Built-In Mixer

Realistic MPA-40. Superb performance at low cost! Three Glide-Path faders control inputs for two mikes and phono/aux. Built-in equalizer for tailoring sound to room acoustics and reducing feedback. Priority terminals permit Channel-1 to override all other channels, really handy for interrupting music for paging or emergencies. Built-in preamp for magnetic-cartridge phono. Features master volume control with “memory ring” for marking desired level, LED power “on” indicator and ventilated metal case. UL listed AC

SPECIFICATIONS. Frequency Response: 70-15,000 Hz +1/-3 dB. Power: 35 watts rms at 8 ohms. Outputs: 4, 8, 16 ohms; 70V line; terminals for adding optional SPST switch for remote priority switching. Power Requirement: 120VAC, 60 Hz, 120W. Size: 41/2 x 101/2 x 71/2”

Dual-Power 20-Watt PA Amplifier
Operates on AC or 12VDC Power

79.95
ESP Available
- Accepts Either Low or High-Impedance Mikes
- High-Level Phono/Aux Input
- With 12VDC Plug

Realistic MPA-25. The affordable PA amplifier you can use almost anywhere! A really nice performer—whether installed in a permanent system or used in a mobile setup. Features two front-panel mike inputs and phono/aux input with individual channel fader controls. Rotary master volume and tone controls, LED power “on” indicator. Has 70V line output for multiple-speaker systems. Ventilated metal case. Includes mobile mounting bracket with thumbscrews for easy removal, 12V power cord with cigarette lighter plug, and AC cord. UL listed

SPECIFICATIONS. Frequency Response: 150-20,000 Hz ±3 dB. Power: 20 watts rms at 8 ohms. Outputs: 4, 8, 16 ohms; 70V line. Power Requirement: 120VAC, 60 Hz, 40W or 12VDC negative ground. Size: 41/2 x 101/2 x 71/2”

See Pages 46-47 for Radio Shack's Complete Line of High-Quality Microphones
GET A COMPLETE PA SYSTEM AND SAVE!

The Singer's Choice

Save $85.35 Reg. Separate Items 895.35
- MPA-90 100-Watt PA Amplifier
- Four Highball Dynamic Microphones
- Four Cast-Base Microphone Stands
- Four PA-95 Column Speaker Systems

100-W 2-Mike Club System

Save $53.70
- Realistic MPA-90 100-Watt PA Amplifier
- Highball Dynamic Mike With Stand
- FM Wireless 2-Piece Microphone
- Two PA-95 Column Speaker Systems

Save
490.00
Reg. Separate Items 543.70

Toastmaster's Special

Save $49.75 Reg. Separate Items 474.75
- Realistic MPA-90 100-Watt PA Amplifier
- Highball Dynamic Microphone
- Folding Microphone Stand
- Two PA-95 Column Speaker Systems

Sports Announcer System

Save $29.15 Reg. Separate Items 339.15
- MPA-40 35-Watt PA Amp With Built-In EQ
- Super-Omni Mike With Desktop Stand
- Four 10W, 70-Volt Line Transformers
- Four Super Powerhorn® Speakers

Save $27.51 Reg. Separate Items 277.51
- MPA-40 35-Watt PA Amp With Built-In EQ
- Two Tight-Cardioid-Pattern Dynamic Mikes
- Two Cast-Base Microphone Stands
- Four 10W, 70-Volt Line Transformers
- Four 8" Wall-Baffle Speakers

Meeting Hall System

Save $24.97 Reg. Separate Items 239.97
- MPA-40 35-Watt PA Amp With Built-In EQ
- Tight-Cardioid-Pattern Dynamic Mike
- Cast-Base Desktop Microphone Stand
- Six 10W, 70-Volt Line Transformers
- Six 8" Speakers Six Ceiling Grilles

Office Paging System

Save $22.40 Reg. Separate Items 244.80
- MPA-25 20-Watt PA Amplifier
- Super-Omni Mike With Stand
- PA-95 Portable Column Speaker

Save $19.66 Reg. Separate Items 189.66
- MPA-25 20-Watt PA Amplifier
- Highball-2 Dynamic Microphone
- Four 70-Volt Line Transformers
- Four 8" Wall-Baffle Speakers

Low-Cost Paging System

Save $12.80 Reg. Separate Items 137.80
- Realistic MPA-25 20-Watt PA Amplifier
- Highball-2 Dynamic Omnidirectional Mike
- Two 5" Powerhorn Speakers

Apply for Revolving Credit and Get a Complete PA System for As Low As $15 Per Month—See Page 3
REALISTIC® PORTABLE ELECTRONIC KEYBOARDS

Eight-Note Polyphonic 49-Key With Sound Stick Electronic Percussion

199.95
NEW FOR 88

With 12 Preset Sounds
And 12 Rhythms
Low As $15 Per Month

Concertmate-700. This versatile performer combines a full-featured, 4-octave keyboard with selectable "hands-on" electronic percussion in eight modes. Hand-held sound sticks simulate your choice of eight rhythm presets, from a crisp snare to a booming bass drum. Keyboard presets include two organ, piano, violin, plus eight more. Has automatic chord, bass and 12-selection rhythm accompaniment with adjustable tempo. Features 49 mini keys with multitone effects and memory function. Two built-in speakers, plus line-out jack for extra amplification. Auto-shutoff. Requires 6 "AA" batteries or AC or DC adapter. 42-4007

Eight-Note Polyphonic With 32 Keys
And Full Sampling Capabilities

139.95
NEW FOR 88

"Sample" Sounds Around You
And Process Them into New Tonal Dimensions
Low As $15 Per Month

Concertmate-650. Capture any sound you can hear and recreate it electronically at the touch of a key. As your fingers travel across the keyboard the pitch of the sampled sound will rise or fall accordingly. You can even format it into a continuous "loop"! Features 32 mini keys with eight presets including piano, trumpet and ocean surf. Ten accompaniment rhythms, built-in speaker, sampling mike. line-out jack. Requires 5 "AA" batteries or AC or DC adapter. 42-4006

Sampling 4-Note Polyphonic With
8 Preset Sounds and 11 Rhythms

99.95
NEW FOR 88

Sampling Function Processes Sounds Around You Into Musical Tones
Memorv With One-Touch Playback
Low As $15 Per Month

Concertmate-500. The budget-minded way to enter the world of sampling. Record (sample) any audible sound, process it and store it in memory. Eight instrument presets including piano, jazz organ, brass—even human voice. Features 32 mini keys with chord, bass, 11 rhythm accompaniments. Has built-in speaker, sampling mike, line-out jack, auto-shutoff. Requires 5 "AA" batteries or AC or DC adapter. 42-4004

Electronic Melody Maker With 100-Note Memory

49.95
NEW FOR 88

Four Preset Tones and 10 Built-In Rhythms
Ultra-Portable Size
Built-In Speaker

Concertmate-300. A marvelous starter for aspiring musicians. Create a melody, change the tempo, add rhythm—as you store it all in memory. Built-in rhythms include rock, swing, march, and rhumba. Has adjustable volume and pitch controls, auto-shutoff to conserve batteries, power-on LED and 1/8" headphone jack. Requires 4 "AA" batteries or AC or DC adapter. 42-4003

Keyboard Carry Case

11.95
NEW FOR 88
Take It Along!

This handsome black case fits all Realistic electronic keyboards, plus many other brands. Sturdy vinyl protects your valuable instrument. With carry straps. 2 3/4 x 26 1/2 x 8 3/4". 42-220
AM/FM STEREO IN-DASH CAR CASSETTES

Digital-Electronic Tuning With 12 Presets

99.95
Low As $15 Per Month

- Seek and Scan Modes
- LED Display
- Auto-Stop at End of Tape
- Built-In FM Signal Optimizer

Super-low price for convenient 3-way digital electronic tuning. One-touch seek mode advances to the next station automatically. Scan mode gives 6-second sampling of each station. Memory stores six FM and six AM stations for instant selection. LED frequency display changes to accurate time after a station is tuned. FM mono/stereo control and built-in signal optimizer deliver superior FM in any signal area. Cassette has locking fast-forward and manual eject. Night illumination. Eight watts total output. 12-1927

Mini-Size With Auto-Reverse

89.95

- Auto-Reverse Plays Both Sides of Tapes Automatically
- Stereo/Mono Control for Best FM Reception in Weak-Signal Areas

A very affordable performer, yet feature-packed! Provides excellent sound and easy operation in a "mini" size that fits in the dash of practically any car. Convenient program control gives you instant access to the other side of the tape without ejecting. Also features LED tape direction indicators, separate locking fast-forward and rewind controls, manual eject. Eight watts total output. 12-1928

Lowest-Priced In-Dash AM/FM Cassette

49.95

Auto-Stop at End of Tape Protects Your Cassettes and the Player's Mechanism

Compact "mini/universal" chassis fits in the dash of even the smallest cars and delivers excellent sound at minimum cost. Includes adapter hardware for larger cars, too. FM-mono position for best fringe-area reception. Locking fast-forward, manual eject control, LED FM stereo and tape mode indicators, lighted dial. Eight watts total output. 12-1924

High-Power Cassette With Fader

69.95

- Full 24-Watt Stereo Amplifier
- Auto-Stop
- "Flat-Face" Design

High power plus the "flat-face" design that fits in the dash of many late-model European and Honda cars without modification. Features 24 watts of power, separate slide-action bass and treble controls, loudness pushbutton and front-rear fader for four-speaker systems. FM mono/stereo control, locking fast-forward/manual eject control. 12-1922

HANDY INSTALLATION INFORMATION FOR REALISTIC® IN-DASH AUTOSOUND EQUIPMENT

<table>
<thead>
<tr>
<th>Cat No.</th>
<th>Chassis Type</th>
<th>Body Size (H x W x D)</th>
<th>Nosepiece Size (H x W x D)</th>
<th>Control Shaft Spacing (Adjustable)</th>
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</thead>
<tbody>
<tr>
<td>12-1912</td>
<td>DIN-C</td>
<td>13/32 x 7/32 x 5/16</td>
<td>12 1/8 x 4 1/8 x 1 1/4</td>
<td>5/16 to 5 1/16</td>
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<tr>
<td>12-1922</td>
<td>DIN-E (FF)</td>
<td>13/32 x 7/32 x 4 1/4</td>
<td>12 1/8 x 4 1/8 x 1 1/4</td>
<td>5/16 to 5 1/16</td>
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<td>12-1923</td>
<td>DIN-C</td>
<td>13/32 x 7/32 x 4 1/4</td>
<td>12 1/8 x 4 1/8 x 1 1/4</td>
<td>5/16 to 5 1/16</td>
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<tr>
<td>12-1927</td>
<td>Mini/Univ.</td>
<td>13/32 x 7/32 x 5/16</td>
<td>12 1/8 x 4 1/8 x 1 1/4</td>
<td>5/16 to 5 1/16</td>
</tr>
<tr>
<td>12-1929</td>
<td>DIN-C</td>
<td>13/32 x 7/32 x 5/16</td>
<td>12 1/8 x 4 1/8 x 1 1/4</td>
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</tr>
<tr>
<td>12-1930</td>
<td>DIN-C</td>
<td>13/32 x 7/32 x 5/16</td>
<td>12 1/8 x 4 1/8 x 1 1/4</td>
<td>5/16 to 5 1/16</td>
</tr>
<tr>
<td>12-1931</td>
<td>DIN-E (FF)</td>
<td>13/32 x 7/32 x 5/16</td>
<td>12 1/8 x 4 1/8 x 1 1/4</td>
<td>5/16 to 5 1/16</td>
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<tr>
<td>12-1932</td>
<td>Mini/Univ.</td>
<td>13/32 x 7/32 x 5/16</td>
<td>12 1/8 x 4 1/8 x 1 1/4</td>
<td>5/16 to 5 1/16</td>
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<tr>
<td>12-1933</td>
<td>DIN-C</td>
<td>13/32 x 7/32 x 5/16</td>
<td>12 1/8 x 4 1/8 x 1 1/4</td>
<td>5/16 to 5 1/16</td>
</tr>
<tr>
<td>12-1934</td>
<td>DIN-E (FF)</td>
<td>13/32 x 7/32 x 5/16</td>
<td>12 1/8 x 4 1/8 x 1 1/4</td>
<td>5/16 to 5 1/16</td>
</tr>
</tbody>
</table>

DIN-C size fits in dash of most European and many larger Japanese cars, many domestic mid-size cars. DIN-E is "flat-face" design for many late-model European cars and Hondas. Mini fits smallest Japanese cars, most domestic compacts and subcompacts. Includes Ford/GM rubber gasket for nosepiece. Fits standard and import-size cars. GENERAL INFORMATION: All players include ample speaker cable, plug-in wiring harness with labeled leads, fuse, switched power lead for accessories (except 12-1927), mounting hardware, illustrated instructions, trimplates and nosepieces. For 12 VDC negative ground only. CAUTION: High-power players require 4-wire ungrounded speaker wiring. NOTE: 65/16" (160 mm) shaft spacing is standard for most domestic trucks.

See Our Complete Line of Autosound Speakers and Speaker Systems on Pages 58 and 59
Sensational performer with a powerful 15-watt per channel amplifier, separate bass/treble controls, latest styling, and features for expansion: Front-panel 1/4" CD jack for direct-connecting a portable compact disc player. Line in/out jacks for adding our 7-band equalizer #12-1867 (see page 57). Front/rear fader for balancing four speakers. FM optimizer circuit has special SNC (stereo noise control) and local/DX control to deliver superior FM wherever you drive. Frequency recall control. Cassette has auto-search music system, metal-chrome selector, locking fast-forward/rewind with direction-change feature. Automatic key-off release helps protect tapes. 12-1934 249.95

Auto-Reverse, 30 Watts, Dolby* B and CD Jack

Low as $15 Per Month*
Available Oct. 15, 1987
- "Flat-Face" Design is Ideal for Late-Model and Import Cars With Single Rectangular Dash Opening
- Dolby B NR Reduces Tape Hiss
- "Soft Green" Night Illumination
- LCD Digital Tuning/Time Display
- Six FM and Six AM Station Presets
- Memory, Seek and Scan Tuning
- Fader Control • Key-Off Release

Separate bass and treble controls and 15 watts per channel bring music to life! Quartz-locked tuner offers three modes: Manual up/down. Twelve memory presets. One-touch "seek" to lock-in the next station. Large controls with translucent backlighting make night operation easy. After tuning, digital display shifts to time with a.m./p.m. indication. Recall control redisplay station frequency: FM local/DX and mono/stereo controls. Front/rear fader for balancing four speakers. Line-level in/out jacks for adding our equalizer #12-1867. Cassette has metal-chrome tape selector, locking fast-forward/rewind with direction-change feature, LED direction indicators. 12-1929 239.95

Auto-Reverse, 30 Watts, 12 Presets and Dolby B

Low as $15 Per Month*
Available Oct. 15, 1987
- LED Digital Tuning/Time Display
- Six FM and Six AM Station Presets
- "Soft Green" Night Illumination
- Dolby B System Reduces Tape Hiss
- Cassette Auto-Search Music System Makes it Easy to Find Selections
- Line In/Out for Adding Equalizer
- Fader Control • Key-Off Release

Extra features in the new "flat-face" style ideal for many late-model and import cars. Has 15 watts per channel, separate bass and treble, line in/out jacks. Tuner has large up/down and memory keys with translucent backlighting. One-touch "seek" tuning. Frequency recall control. FM local/DX and stereo/mono controls for best FM reception. Cassette: metal-chrome selector, locking fast-forward/rewind with direction-change feature, LED direction indicators, key-off release. 12-1931 179.95

Auto-Reverse, 30 Watts, "Flat-Face" Style

- Six FM and Six AM Presets • "Soft Green" Illumination
- LCD Digital Tuning/Time Display • Fader Control

179.95

Low as $15 Per Month*
Available Oct. 15, 1987

"Mini" Size With Auto-Reverse, 30 Watts

- Fits Almost Any Car • Fader • Night Illumination
- LED Digital Tuning/Time Display • Twelve Presets

169.95

Low as $15 Per Month*
Available Oct. 15, 1987

Full-size sound and convenient auto-reverse in a size just right for many compacts and sports cars. The 15-watt per channel amplifier has separate bass and treble controls. Tuner features memory for six FM and six AM stations, manual tuning, "seek" mode, and "scan" for a brief sampling of each station. Frequency recall control. Cassette has locking fast-forward/rewind with direction-change feature, LED direction indicators, key-off release and line in/out jacks. 12-1932 169.95

Auto-Reverse and 12-Station Memory

$159.95
Low as $15 Per Month

Super value! The 12-watt per channel amplifier delivers robust bass and sparkling treble. Auto-reverse plays both sides of tapes automatically. The tuner gives you automatic "scan" sampling of stations, automatic "seek" mode, and memory preset tuning. Advanced signal-enhancer IC really improves FM by adjusting signal and reducing noise on weak stations. Also has FM stereo mono manual control. Cassette has metal-chrome selector, locking fast-forward/rewind controls with direction-change feature and LED direction indicators. Key-off release helps protect tapes. Night illumination.

Auto-Reverse, Built-In 5-Band Equalizer

$149.95
Low as $15 Per Month

The powerful 12-watt per channel amplifier gives you "home-quality" sound and you can customize its frequency response with the equalizer. "Punch up" the bass, smooth out the midrange, even reduce tape hiss. The frequency display shifts to accurate time after a station is tuned and has a frequency recall control. "Seek" tuning mode locks in the next available station with one-touch ease. Built-in signal-enhancer IC and manual mono/stereo control optimize FM reception. Cassette has metal-chrome selector, locking fast-forward/manual eject control, and auto-stop at end of tape. All this plus a fader to balance four speakers and night illumination.

AM Stereo and FM Stereo With 12 Presets

NEW FOR $88 $139.95
Low as $15 Per Month

High power, Motorola C-Quam AM stereo, fader, and convenient "soft green" night illumination at an amazing low price! The 12-watt per channel amplifier delivers great sound at all volume levels. Quartz-locked tuner provides manual up/down, automatic "seek" and memory modes. Large memory keys with translucent backlighting make night operation easy. Display shifts to accurate time after a station is tuned and has a frequency recall control. AM/FM mono/stereo control. Cassette features a locking fast-forward/manual eject control plus auto-stop at end of tape and key-off release to protect tapes.

Our Lowest Priced High-Power Digital

$129.95
Low as $15 Per Month

Big features you wouldn't expect at this price! The amplifier delivers 12 watts per channel and has separate bass and treble controls for superb sound. Tuner has a "seek" mode that automatically locks in the next available station. "Scan" tuning gives you a brief sampling of each station—a handy feature when you drive out of town. Display shifts to accurate time after a station is tuned and has a frequency recall control. Cassette has metal-chrome selector, locking fast-forward/manual eject control, and auto-stop at end of tape. All this plus a fader to balance four speakers and night illumination.
UNDER-DASH CASSETTES AND ACCESSORIES

With Auto-Reverse and Auto-Search

69.95

Auto-reverse plays both sides of stereo tapes automatically. Locking fast-forward and rewind. \(1\frac{1}{2}\times 5\frac{1}{2} \times 5\frac{1}{4}\). Has 8 watts total output.

12-1979 69.95

Our Smallest and Lowest Priced Stereo

29.95

Good sound, all the basic features. Auto-stop, locking fast-forward/eject control. \(1\frac{1}{4}\times 4\frac{3}{4} \times 9\frac{3}{8}\). Has 8 watts total output.

12-1984 29.95

Cassette Adapter for 8-Track Decks

- No Rewiring
- Auto-Stop

34.95

Plays stereo cassettes horizontally on most car or home 8-track equipment. Locking fast-forward and manual eject controls. \(1\frac{3}{8}\times 3\frac{1}{4} \times 9\frac{3}{8}\). 12-1875 34.95

CD Cassette Adapter

Now You Can Play CDs or Any Other Portable Through Your Car Cassette

19.95

Just plug into your portable’s 1/8” headphone jack and enjoy superb sound. Requires no installation or special wiring.

12-1951 19.95

FM Signal Booster

19.95

For Truckers And Travelers

Boosts FM signals by 6 dB for dramatically improved reception. Only 1 x 3 x 2 3/8”. Easy hookup. 12VDC neg. or pos. ground. 12-1873 19.95

Dual-Polarity Radio

47.95

Truckers Love It

AM/FM. For 12VDC neg. or pos. gnd. Lighted dial, FM local/DX switch, built-in speaker, 1/8” jack for ext. speaker. \(1\frac{1}{8}\times 6\frac{3}{8} \times 4\frac{3}{8}\). 12-1355 47.95

Converter Adds FM to AM

19.95

Lighted Dial

Uses existing AM radio antenna—easy to install under dash. \(1\frac{3}{4}\times 4 \times 5\frac{1}{4}\). With hardware.

12-1350 19.95

Car Stereo Equalizer and High-Power Autosound Amplifier

Line-Level Audio Equalizer

39.95

Seven-Band Frequency Control

Adds precise tone control to amps and equipment having line-level input. Slide-action controls with 12 dB range, bypass button, RCA-type connectors. Band centers: 60, 150, 400, 1000, 2400, 6000, 15,000 Hz. \(1\frac{1}{8}\times 5\frac{1}{4} \times 4\). 12-1867 39.95

80-Watt Power Amp for Purest Sound Possible

79.95

40 Watts of Driving Power Per Channel

Delivers tremendous power and extremely clean sound in a size that easily fits under dash or seat. Combine with equalizer at left and any tape deck for awesome autosound. Features auto power-on with LED indicator, switching power supply and high/low impedance input jacks for easily adding components. With mounting hardware and instructions. Fully protected against overload. \(1\times 7 \times 6\frac{3}{4}\). 12-1957 79.95
40-Watt Stereo Boosters and EQ/Boosters—Feel the Power!

Improve your present car stereo system! All models below give you plenty of clean audio power and widened dynamic range for an autosound difference you'll really hear. The boosters with built-in equalizer can increase or cut frequency response up to 12 dB in separate bands. You can "punch up" the bass, smooth out the midrange, and shape the sound to suit your car and your taste!

### 40-Watt Stereo Power Booster

This tiny, yet powerful booster fits easily under any dash and delivers a big improvement in sound at low cost. Has LED power "on" indicator. Only 1 x 4½" x 4½". 19.95

### Five-Band Equalizer/Booster

Our lowest priced equalizer/booster combo puts five bands of tone control at your fingertips, plus plenty of extra power. Delivers outstanding sound to your two-speaker system. Band centers: 60, 250, 1000, 3500 and 12,000 Hz. LED "on" indicator. 11½" x 5" x 6". 34.95

### Seven Bands, Fader, Slim Design

Equalizer/booster has a thin-line design for easy installation in small vehicles. Features a five-level 10-LED power meter, fader control for four-speaker systems, night illumination. Band centers: 60, 150, 400, 1000, 2400, 6000, 15,000 Hz. 14½" x 5½" x 5¼". 54.95

### Seven Bands, 4-Speaker Fader, CD Jack

This feature-packed equalizer/booster has backlight controls for easy night viewing and a jack for connecting portable compact disc player. Features a 10-level 20-LED power meter and front/rear fader control for balancing four-speaker systems. Band centers: 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Power "on" LED indicator. Line-level input for use with separate components—works with virtually all autosound equipment. 1½" x 6½" x 5¼". 59.95

---

**NOTE:** Boosters rated total watts rms output, both channels. They require 4-wire ungrounded speaker wiring. For 12VDC negative ground vehicles only. With illustrated instructions and under-dash mounting hardware.

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**AUTOSOUND PERFORMANCE BOOSTERS**

**Seven-Band, 60-Watt Stereo Equalizer/Booster**

- Ten-LED Power Meters and Range Switch Control
- Front/Rear Fader Control

Backlit slide-action controls increase or cut response up to 12 dB in bands centered at 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Speaker-level and line-level inputs—works with virtually all autosound. 17¾" x 7¾" x 61¼". 1995

**Seven-Band, 80-Watt Equalizer/Booster**

- LED Spectrum Equalizer Display
- Input for Portable CD Player

Delivers 40-watt-per-channel stereo power that you can tailor to your taste. Band centers: 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Front/rear fader, night illumination, high-impedance phono-type input jacks. 15¾" x 7" x 6½". 99.95

**Our Best! 120-Watt EQ/Booster With 7 Bands and 84-LED Display**

- Boost/Cut Response in Precise 2 dB Steps
- Front/Rear Fader All-Electronic Controls

Puts power where you need it—an awesome 90 watts to the rear speakers and 30 to the front! And you actually "see" your EQ adjustments on the 84-LED display. Push switches for L/R volume, EO up/down, 4-speaker fader, loudness. Ten-LED power meter. Boost/cut range: 12 dB. Band centers: 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Speaker-level and line-level outputs. 11½" x 7¼" x 6¾". 119.95

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40-Watt Stereo Boosters and EQ/Boosters—Feel the Power!
## MATCHED AUTOSOUND STEREO SPEAKER PAIRS

### 4 x 10" 2-Way High-Power Flush-Mount

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Moistureproof 4 x 10&quot; polypropylene woofer with 10-ounce magnet and 2 1/2&quot; piezo tweeter for solid bass and dynamic highs. Excellent for rear deck of late-model GM cars. No retainer rings required. Mounting depth: 3 1/4&quot;. Open-mesh grilles, molded housing. 12-1705</td>
<td>49.95</td>
</tr>
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### 6 x 9" 3-Way Flush-Mount

<table>
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<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Powerful 16-ounce magnets and 6 x 9&quot; polypropylene woofers provide driving bass. Bridge-mounted midrange and tweeter have an ultrasmooth response for lifelike stereo. Open-mesh grilles, molded housing. No retainer rings needed. 12-1859</td>
<td>99.95</td>
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</table>

### 5 1/4" 3-Way Flush-Mount System

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Feature individually mounted 5 1/4&quot; woofer, 2 1/2&quot; midrange and 1&quot; piezo tweeter, with electronic crossover. Fits standard 6 x 9&quot; cutout. Molded housing, open-mesh grilles. 2 1/4&quot; x 9 3/4&quot; x 6 3/4&quot;. 12-1854</td>
<td>69.95</td>
</tr>
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### Full-Range 4" Flush-Mount

<table>
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<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td></td>
<td>Only 1 1/2&quot; deep. Fit in doors or wherever space is tight. Dual-cone, moistureproof polypropylene driver, high-efficiency 4.8-ounce magnet. Open-mesh grilles, molded housing. 12-1704</td>
<td>27.95</td>
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</table>

### Compact 5 1/4" Flush-Mount

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fit in the shallowest doors and kick-panels—&quot;the&quot; speakers for small imports. With moisture shield, metal grilles, attractive molded housing. No retainer rings needed. 12-1703</td>
<td>27.95</td>
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### Compact 3" Surface-Mount

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Small size fits most subcompacts. Wide-range speakers in durable molded housings. Heavy-duty ceramic magnets. 12-1852</td>
<td>13.95</td>
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</table>

### Low-Priced 5 1/4" Flush-Mount

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Wide-range dual-cone speakers at a budget-pleasing price! Each has a 4.3-ounce magnet. No retainer rings required for mounting. Snap-on metal grilles. 12-1702</td>
<td>19.95</td>
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### Small 2-Way Surface-Mount

<table>
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<tbody>
<tr>
<td></td>
<td>Space-savers with remarkable sound. Each has a 3&quot; woofer and 2&quot; tweeter. Electronic crossover network. Wedge-shaped enclosures fit securely on rear deck. Mesh grilles. 3 7/8&quot; x 5 1/4&quot; x 6 1/4&quot;. 12-1707</td>
<td>34.95</td>
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### Compact 3" Surface-Mount

<table>
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<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td></td>
<td>Small size fits most subcompacts. Wide-range speakers in durable molded housings. Heavy-duty ceramic magnets. 12-1852</td>
<td>13.95</td>
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### Budget 5 1/4" Surface-Mount

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<th>Model</th>
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<tbody>
<tr>
<td></td>
<td>Wide-response dual-cone speakers with 4 1/2-ounce magnets. Durable molded housings. 12-1844</td>
<td>19.95</td>
</tr>
</tbody>
</table>
AUTOSOUND SPEAKERS & ACCESSORIES

Die-Cast Minimus-7

49.95 Each

40 Watts Capacity

Mounting Bracket

Two-way system with 4" woofer and 1" tweeter. 7 1/8" x 4 1/2" x 4 1/2". Black, 40-2030. Silver, 40-2034.

49.95 Each

Mounting Bracket

40-2031 Pair 14.95

Minimus®-3.5

19.95 Each

15 Watts Capacity

Mounting Bracket

Get amazing sound from a 3 1/2" speaker in a 5 1/4" x 3 1/4" x 3 1/4" enclosure. 40-1996 19.95

Mounting Bracket.

40-1997 Pair 9.95

Piezo Super-Tweeter

12.95 Each

25 Watts Power Capacity

Mounting Bracket

Dramatically extends high-frequency response of existing speaker system. No crossover required. 4 1/4" x 3 1/4" x 1 1/8".

40-1384 12.95

Acoustic Suspension Speaker Enclosure

34.95 Pair

For Most 6 x 9" Speakers

Put your loose rear-deck speakers in a professional-looking surface-mount enclosure. Predrilled Acoustifoam®.

8 1/2" x 11 3/8" x 9 1/2".

40-170 34.95

3 1/2" Speakers

Low As

Each

49.95

Mini in-dash replacements.

Dynamic 4" Speakers

Low As

Each

4.95

Designed for tight spots.

5" Speakers

Low As

Each

4.95

5 1/4" Speakers

Low As

Each

5.95

Excellent for doors or kick panels.

4 x 6" Speaker

5.95 Each

10 Watts Capacity

Wide-range sound! Has 5.3-ounce ceramic magnet. Replace your worn-out speaker. 40-1298 5.95

4 x 7" Speaker

6.95 Each

10 Watts Capacity

Fits Chrysler and Toyota rear decks. Has 3-ounce magnet. 4 1/2" x 6 1/2".

4 x 10" Speakers

7.95 Each

Dual cones, ceramic magnets.

6 x 9" 3-Way Speaker

29.95 Each

30 Watts Capacity

Full-spectrum sound. Woofer has 10-ounce magnet. 3" midrange, 1 1/2" tweeter. 40-1356 29.95

6 x 9" Steel Grille

2.89 Each

Protects Speaker

Covers 6 x 9" car speakers. Attractive jet-black finish. With hardware, template. 40-1175 2.89

Wire-Mesh Grilles

3.89 Each

Figure Descriptions

(1) 5 1/4". With dust cover, mounting hardware. 40-1336 3.89

(2) 6 x 9". 40-1335 5.49

Molded Grilles

Fig Description Cat. No. Each

3 4" or 5" Door 40-1291 1.99

4 6 x 9" Rear Deck 40-1337 3.19

5 4 x 10" Rear Deck 40-1338 4.19

Hi-Power Fader

7.99

Handles Up To 25 Watts Per Channel

For front-to-rear balancing of four speakers. Mounts under dash.

270-048 7.99

Selector/Fader

6.99

Easy To Install

Versatile! Permits switching between tape player and radio, and controlling front-to-rear speaker balance. 270-046 6.99

Stereo Fader

5.99

Mounts Under Dash

Controls front-to-rear speaker balance to suit your taste. Handles 5 watts. 270-047 5.99

Selector Switch

3.99

With Hardware

Lets you switch between tape player and radio using the same speakers. 270-045 3.99

Stereo Fader

5.99

Mounts Under Dash

Controls front-to-rear speaker balance to suit your taste. Handles 5 watts. 270-047 5.99

Selector Switch

3.99

With Hardware

Lets you switch between tape player and radio using the same speakers. 270-045 3.99
Complete Your Autosound Installation

**Universal In-Dash Installation Kit**
- Simplifies installation
- Makes it easy to install autosound (including "DIN-E" size chassis) in over 100 different GM, Ford and Chrysler products. Includes mounting panels, brackets, screws and complete instructions. 12-1360 $9.95

**Wiring Harness Adapters**
- Match Radio Shack's Realistic® brand autosound equipment to car maker's original wiring harness. Prewired 5-pin plug to quick-disconnect cable assures the correct connections for power and either two or four speakers. Complete instructions.

<table>
<thead>
<tr>
<th>Model</th>
<th>Cat. No.</th>
<th>Each</th>
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</thead>
<tbody>
<tr>
<td>1984-87 Chrysler</td>
<td>270-756</td>
<td>6.99</td>
</tr>
<tr>
<td>1983-85 Ford</td>
<td>270-757</td>
<td>6.99</td>
</tr>
<tr>
<td>1986-87 Ford</td>
<td>270-758</td>
<td>7.99</td>
</tr>
</tbody>
</table>

**Car Stereo Cable Sets**
- Quick Disconnect Plug
- Fuse and Inline Holder Included

<table>
<thead>
<tr>
<th>Set</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>207-041</td>
<td>Cable Assembly, one power and four 18-ft. speaker leads.</td>
<td>4.99</td>
</tr>
<tr>
<td>207-017</td>
<td>Universal, adjustable to fit 4-pin or 5-pin sockets. 12&quot; color-coded leads.</td>
<td>2.19</td>
</tr>
<tr>
<td>270-041</td>
<td>Standard, five-pin plug, 12&quot; leads.</td>
<td>2.19</td>
</tr>
</tbody>
</table>

**Knobs and Brackets**
- Autosound Knobs. Two inner, two outer knobs.
- Chrome Finish Low-Profile. 274-427 $9.95
- Black Euro-style knobs. 274-425, Set/1 $1.79

**Automotive Connectors**
- Easy To Use
- 60-12 Volt Tester Light. A real time-saver! Finds hot wires, indicates blown fuses and lamps quickly and easily. 5/16" probe, 31/2" detachable lead, ground clip. 272-203 $1.49

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>198-027</td>
<td>Four-Conductor 12&quot; Quick-Disconnect Cable. The easy way to connect trailer lights and accessories.</td>
<td>1.99</td>
</tr>
<tr>
<td>270-026</td>
<td>Two-Conductor 12&quot; Quick-Disconnect Cable.</td>
<td>0.99</td>
</tr>
<tr>
<td>270-025</td>
<td>Five-Pin Inline Socket With 7&quot; Leads. Mates 5-pin plug with many speaker harnesses.</td>
<td>1.59</td>
</tr>
</tbody>
</table>

**Noise Suppressors & Filters, Ground Adapter**
- Feedthrough Filter Capacitor. Installs inline. Especially useful against stubborn noise problems caused by wipers, fan motors and DC generators. Rated 0.5 microfarad, 40 amps, 60 VDC. 272-1085 $4.99

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>198-030</td>
<td>Resistive Filter. Cuts spark plug noise that interferes with radio reception. 270-012</td>
<td>1.49</td>
</tr>
<tr>
<td>198-032</td>
<td>Heavy-Duty Noise Eliminator Kit. Everything you need to reduce radio interference: choke, capacitor and instructions. 270-030</td>
<td>3.99</td>
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</table>

**Fuse Kits and Holder**
- Glass Fuse Kit. Includes: Two SFE-20; one each: AGC 3, 10, 15, 25 and 30; SFE 7/2, 9 and 14. 270-1252 $7.99

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>198-014</td>
<td>Deluxe 10-Amp Filter. Two L-C sections reduce ignition/alternator noise in car stereos, high-power EQ/boosters, CB and ham radios. 270-051</td>
<td>12.95</td>
</tr>
</tbody>
</table>

**Lighter Cords and Plugs**
- Fits standard lighter socket. 274-331 $1.19

**Voltage Inverter**
- Use in Your Car, Boat, RV or Truck
- Allows Use of Mobile Equipment on Positive Ground Systems

- Ideal for adding stereo autosound equipment, CB and Ham radio equipment or other electronic vehicle accessories to older vehicles or imports with non-Radio Shack high-power boosters/equalizers. 270-053 $4.95

**Electrical Testers**
- 6-12 Volt Tester Light. A real time-saver! Finds hot wires, indicates blown fuses and lamps quickly and easily. 5/16" probe, 31/2" detachable lead, ground clip. 272-203 $1.49

**Prices Apply at Participating Radio Shack Stores and Dealers**
### AM/FM/FM Stereo Antenna Values

We Have the Antenna You Need

1. **Ford Antenna.** For 1967-'81 models with 4-screw mounting. One-piece, 31" stainless steel whip. 72" cable. 12-1305 8.99
2. **Universal "8-Ball".** For top cowl or fender mount. Three sections extend from 21 1/4" to 55." Adjusts up to 35°. Stainless steel. 54" cable. 12-1306 5.39
3. **Stainless Steel Spring.** Swivel ball mount for top cowl or fender. Three sections extend from 25 3/4" to 55"! Adjusts a full 90°. With 48" low-loss cable. 12-1307 7.99
4. **Universal Pillar Mount:** Fits most Japanese cars except Honda. Three sections extend from 19 1/2" to 51 1/8". 61" cable. Mounting hole spacing: 2 1/2" to 18". 12-1320 6.99
5. **Replacement Whip.** Easy to install—fits over "stub" of broken antenna. 31" stainless steel. With locking screws. 12-1316 4.99
6. **One-Piece Mini.** For cars with narrow fenders. Requires 13/18" mounting hole. 31" stainless steel whip. 54" lead-in cable. 12-1322 6.99
7. **Top Cowl/Fender Antenna.** 31" stainless steel whip. Includes 48" lead-in cable. 12-1329 8.99

### AM/FM Power Antenna

- **Prevents Vandalism**
- **Retracts Under Fender**
- **Requires Only 11 1/4" Depth in Fender**

Completely automatic! Connects to ignition or radio and extends or retracts when either is turned on/off. Fits most cars and trucks. 39 3/4". Stainless steel. With cable, power lead. Adaptable for semi-auto use. 12 VDC neg. gnd. 12-1326 39.95

### Windshield Antenna

- **For FM And AM**

No holes to drill! Antenna tape attaches to windshield. Saves you money when replacing a windshield with built-in antenna. With cable, fender cap. 12-1325 3.99

### Extension Cables and Connectors

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>(8)</td>
<td>12-Foot Male-to-Female Inline Extension</td>
<td>3.99</td>
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<tr>
<td>(9)</td>
<td>24&quot; Male-to-Female Inline Extension</td>
<td>1.49</td>
</tr>
<tr>
<td>(10)</td>
<td>Universal 3-Way Connector</td>
<td>1.99</td>
</tr>
<tr>
<td>(11)</td>
<td>24&quot; Male-to-Male Extension Cable</td>
<td>1.49</td>
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### Auto Panel Switches

For 12 VDC Use Only

<table>
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<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>(12)</td>
<td>Dual Flip Switch/Light Panel</td>
<td>4.99</td>
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<tr>
<td>(13)</td>
<td>Lighted Rocker Switch Panel</td>
<td>3.99</td>
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<tr>
<td>(14)</td>
<td>Flip Switch/Light Panel</td>
<td>2.99</td>
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<tr>
<td>(15)</td>
<td>Dual Flip Switch Panel</td>
<td>2.89</td>
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<tr>
<td>(16)</td>
<td>Switch Bracket. Mounts two switches</td>
<td>...</td>
</tr>
<tr>
<td>(17)</td>
<td>Lighted Flip Switch. With lamp</td>
<td>2.19</td>
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<tr>
<td>(18)</td>
<td>Flip Switch.</td>
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<td></td>
<td>DPDT Center-Off Flip Switch.</td>
<td>2.29</td>
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<td></td>
<td>DPDT Momentary Center-Off Flip Switch.</td>
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<td></td>
<td>SPST Flip Switch.</td>
<td>1.19</td>
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</table>

### Automotive Lighting Relay

- **30 Amp**

Also switches amateur radio mobile power supplies and other high-current accessories. SPST contacts rated 30 amps at 12 VDC. 12 VDC 160 mA, 66-ohm coil. 275-226 3.99

### Convenient Plug-In Car Lamps

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>(19)</td>
<td>Magnet Light. Attaches securely to hood, trunk or auto body. Retractable 12-foot cord. 12 VDC. 61-2502 3.99</td>
<td></td>
</tr>
</tbody>
</table>

Radio Shack—Famous for Personal Service and Quality Electronics Since 1921
FAST® ROAD PATROL XK® RADAR DETECTORS

Mini Dual-Tone, Dual-Conversion

199.95 Low As $15 Per Month*

ESP Available
Separate Tones and LEDS For X and K Band Signals

Small enough to fit in your shirt pocket and incredibly sensitive, thanks to barely visible surface-mounted electronic components. FAST® signal processor reduces false alarms, GaAs diode front end. Pulse rate of selectable tone and/or warning light increases as you approach speed radar. Panel lights auto-adjust to day or night brightness. Sensitivity and volume controls. Sensitivity: X-Band, -112 dBm/cm²; K-Band, 104 dBm/cm². 11/16 x 25/64 x 43/16". 12 VDC neg. gnd. 22-1617 199.95

With Carrying Case, Two Power Cords, Visor Mount, Tiedown Clips, Mounting Hardware.

Dual-Tone, Dual-Conversion Superhet

169.95 Low As $15 Per Month*

ESP Available
Separate tones for X and K bands help you evaluate "what's down the road": Exclusive FAST (False Alert Suppression Technology) signal processor reduces false alarms without compromising sensitivity. Selectable tone and/or warning light pulse faster as you approach speed radar. Fully adjustable volume control. Detects moving, stationary, hand-held pulse or CW radar signals. City/highway sensitivity switch. Sensitivity: X-Band, -110 dBm/cm²; K-Band, -102 dBm/cm². 11/32 x 47/32 x 41/32". Plugs into 12 VDC pos. or neg. gnd. lighter socket. 22-1615 169.95

Reliable, Sensitive Dual-Conversion Superhets
Are a Safe Driver's Best Friend!

179.95 Low As $15 Per Month*

Hidden-Remote. No more worry about hassles or vandalism! Detector mounts behind grille or under bumper, and the control unit mounts anywhere in passenger compartment. Warning light and/or tone pulse faster as you approach speed radar. High/low sensitivity. Adjustable buzzer volume. Advanced GaAs Schottky diode microwave section and FAST signal processor assure maximum range with a minimum of false alarms. Sensitivity: X-Band, -110 dBm/cm²; K-Band, -102 dBm/cm². With 16-foot control cable. Control Unit: 11/32 x 31/16 x 21/16"; Remote: 13/16 x 31/8 x 33/4". 12 VDC pos. or neg. gnd. 22-1614 179.95

Full-Featured. Outstanding performance in a small package. GaAs diode front end. FAST circuit. Detects all radar systems. Switch selects geiger-type warning light and/or tone. City/highway sensitivity and high/low volume switches. All packed into an amazing 11/32 x 15/32 x 31/8" size. With dash-or-windshield bracket, visor clip, hook-and-loop fasteners. Sensitivity: X-Band, -108.5 dBm/cm²; K-Band, -100.5 dBm/cm². Plugs into 12 VDC pos. or neg. gnd. lighter socket. 22-1618 129.95

Discriminating. Incredible performance at a breakthrough low price! Sensitive superhet circuitry and Radio Shack's exclusive FAST signal processor alert you to speed radar at up to several miles away. Detects moving, stationary and hand-held radar systems. City/highway sensitivity switch and selectable high/low buzzer volume. Buzzer and warning light pulse faster as radar signal strength increases. Mounts on dash or visor. Sensitivity: X-Band, -105 dBm/cm²; K-Band, -104 dBm/cm². 1 x 31/4 x 41/4". Plugs into 12 VDC neg. gnd. lighter socket. 22-1616 99.95

Radar Detectors Not Offered Where Sale is Prohibited By Law / Use May Be Regulated by State or Local Law
RELIABLE MOBILE ALERT CAR ALARMS

**Car Alarm With Remote Arm/Disarm and Pager**

149.95

Low As $15 Per Month*

- Digitally Coded Remote Arm/Disarm and Panic Button on Keychain Transmitter
- Pager Alerts You if Alarm is Triggered
- Alarm Transmits Signal Up to Two Miles

You don’t have to be “alone” in parking lots anymore! Just push the panic button on the keychain remote in threatening situations and the system comes to life, honking your car’s horn, sounding the siren and attracting attention. Transmitter mounts out of sight, attaches to car radio antenna. Alarm signals pager, siren, car horn or all three. LED on main unit blinks if door, hood or trunk is not closed. Adjustable sensitivity helps prevent false alarms. Switched lead for connecting to power antenna. Pin switches mount on hood or trunk. Provision for adding extra switches and sensors. LED minipanel indicates system status at a glance. With hardware. Pager requires 9V battery (or AC adapter, extra). Arm/disarm keychain includes two RS 386A batteries. Transmitter for 12 VDC neg. gnd.

Available Oct. 30, 1987

**“Silent” Alarm With Pocket Receiver**

79.95

- Senses Intrusion and Signals Pager
- You Hear Alarm Up to Two Miles Away, But Vandals Don’t

Transmitter mounts out of sight, attaches to car radio antenna. Sensors mount on door posts. Alarm signals receiver, optional siren (49-488, below) or both. Can also be used as a pager. Adjustable sensitivity helps prevent false alarms. With hardware. Receiver requires 9V battery (or use a home charger, extra). Transmitter for 12 VDC neg. gnd.

Extra Receiver. Available on special order

AC Adapter. UL listed

**Keyless Alarm With Motion Sensor**

49.95

Motion Sensor Detects Vehicle Vibrations

Triggered by tampering, jacking, intrusion or attempted towing. Entry/exit delay, auto-reset and rearm. With hood/trunk switches, loud siren, all cables and hardware. 12 VDC neg. gnd.

**Keyless Electronic Auto Alarm**

29.95

Only Four Wires To Connect

The economical way to protect your investment! Arms after last door is shut. Has 20-second entry/40-second exit delay. Uses car’s door jamb switches. Auto-reset and rearm after three minutes. With hood and trunk switches, mounting hardware. 12 VDC neg.

**Accessories for Your Auto Alarm**

Customize Your System

1. Extra-Loud 2-Sound Siren. Emits a piercing sound, rise/fall or steady. Requires 12VDC. 49-488
2. Short Pin Switch. For door, trunk or hood mount where space is tight. Solderless lug terminals. 49-508
3. Long-Throw Pin Switches. Crimp-type. For hood, trunk or doors. 49-509

**Finishing Touches For Auto Alarms**

Low-Cost Motion Detector Switch. Mounts under hood. Triggers if car is jacked, towed or tampered with. Add to any of the systems above for increased security. Adjustable sensitivity. Normally open circuit. 49-520

Hide-A-Key. No more expensive locksmith fees! Grips any flat magnet-holding surface. Buy several for house and car keys. 49-050

Window Decals. Let them know your car is protected! Here’s real protection for pennies! 49-507

Sale and Use of Sirens for Mobile Use is Prohibited in California and Certain Other States

*Revolving Credit Available See Page 3*
OUR MOBILE CB IS A DRIVER'S BEST FRIEND

With Channel 9 Priority Switch

13995
Low As $15 Per Month*
RF Gain Control Lets You Adjust Receiving Range
Realistic TRC-474. Features switching to emergency Channel 9 for help when you need it. Flip a switch again, and you're back on original channel. Tone and RF controls for clearest reception. Switchable automatic noise limiter cuts pulse-type noise. Three-way PA/CB/Monitor switch. Squelch control keeps set quiet between calls. Jacks for adding PA and remote speakers. 1¾ x 5½ x 61¼". 21-1539

Channel-Scan Controls on Mike

12995
Low As $15 Per Month*
ANL and Blanker Dramatically Cut Noise
Realistic TRC-423. Electronically scan to any channel with the fingertip up/down buttons—really convenient and safe to use. Large, green easy-to-read channel display, 2-color/4-LED S/RF meter. Controls for ANL, noise blanker, Channel 9 priority switch, mike gain, RF gain and PA controls. Jacks for adding PA and remote speakers. 1¾ x 5½ x 7½". 21-1513

6-Channel Memory

9995
Low As $15 Per Month*
Presets for Six Most-Used Channels
“Beeps” to Confirm Channel Change
Realistic TRC-419. What convenience! One-touch selection of any six channels plus instant Channel 9. Rotary up/down control for all 40 channels. Big LED channel/PA mode display, ANL. Speaker jacks. 1¾ x 7 x 7¼". 21-1512

Channel 9 & 19 Priority

9995
Low As $20 Per Month*
Was $119.95 in 1987 Catalog
Instant Access to Emergency Channel 9
Or Highway Info Channel 19
Realistic TRC-418. Feature-packed! Switchable ANL cuts pulse-type noise. Five-step LED signal/RF power meter. Jacks for adding PA and remote speakers—monitor CB calls even while using PA mode. 1¾ x 5½ x 7¼". 21-1511

Budget-Priced Compact

5995
Easily Fits Under Most Dashes
Ceramic Filters Sharpen Reception
Built-In Automatic Noise Limiter
Realistic TRC-415. Small in size and price. Automatic modulation control for maximum range, bright LED channel display and 4-step LED signal/RF power meter. Jacks for adding remote speaker. 2 x 4½ x 6½". Negative ground only. 21-1509

Complete “Road Emergency” System

6995
Call for Help Without Leaving The Safety of Your Car
Realistic TRC-412. Couldn’t be easier to use. Place magnet-base antenna on roof, plug CB into cigarette lighter, select any of 40 channels, including emergency Channel 9—and talk! Entire system, including antenna, fits in the included vinyl travel case that will store under seat, in glove compartment or in trunk. With instructions. 3½ x 12¼ x 7½". Negative ground only. 21-1506

SSB for More Range and Channels

18995
Low As $15 Per Month*
Provides 40 AM Plus 80 SSB Channels
Realistic TRC-453. Single Sideband (SSB) increases effective range and clarity by concentrating power into one sideband, and increases the number of available channels. Switchable noise blanker dramatically reduces pulse-type interference. RF gain control prevents strong-signal overload. Digital PLL frequency control. Switchable NB/ANL. Five-step LED signal/RF power meter and LED transmit indicator. ¾" jacks for adding PA and remote speakers. 2½ x 6½ x 8½". 21-1566

Mobile Cbs Include Mounting Bracket and Hardware/12VDC Negative or Positive Ground Unless Stated Otherwise.
(1) Deluxe Magnet-Mount. No holes to drill. Mounts on any flat magnet-holding surface and remains in place at highway speeds. Low-loss coil form, 54" whip. Includes 16-foot cable and PL-259 connector. 21-960 $37.95

(2) Base-Loaded Magnet-Mount. Mounts instantly on any flat magnet-holding surface. Hardened stainless-steel whip, heavy-duty shock spring. With 16-foot cable and connector. 21-940 $26.95

(3) CB/AM/FM "Disguise" Antenna. Mounts in a standard car radio antenna hole. Tapered 32" stainless steel whip. Includes 8-foot cable, splitter, connectors for CB and car radio, mounting hardware. 21-990 $29.95

(4) No-Hole Trunk-Mount. For the center or either side of trunk lid. Secures with two set screws. Base loading coil, stainless steel shock spring. With 16-foot cable and connector. 21-908 $26.95

(5) "Shorty" Roof-Mount. Easy snap-in mounting. Features center-loading coil, stainless steel whip and shock spring. With 16-foot cable and connector. 21-906 $23.95

(6) Cellular "Look-Alike" Trunk-Mount CB Antenna. Resembles cellular telephone antennas, but it's a base-loaded CB unit with stylish black finish. With 16-foot cable and connector. 21-960 $29.95

(7) 48" Fiberglass Marine Whip. "Lay down" feature for horizontal or vertical mounting. Works on metallic or non-metallic surfaces. Ideal for fiberglass or wooden boats—no ground plane needed. Includes 16-foot cable and connector. 21-976 $37.95

(8) Single Truckers II Antenna. Heavy-duty mirror-mount adjusts for vertical or horizontal brackets. Approximately 58" overall. 10-foot cable, connector. 21-941 $25.95

(9) Single Truckers II Fiberglass Antenna. Delivers the high performance and reliable communications you want on the road. Single-whip version of 21-945, below. With 10-foot cable and connector. 21-939 $26.95

(10) Fiberglass Twin Truckers. Dual 48" whips resist corrosion and provide improved front/rear performance. Mirror mounts. Includes 18-foot dual-phasing coaxial cable harness. 21-949 $44.95

(11) Gutter-Clamp Antenna. Easy to mount in car roof rain gutter, and simple to transfer from car to car. Center-loaded. Stainless steel spring and whip. Approximately 37" overall. 10-foot cable. 21-909 $19.95

Radio Shack Has Everything You Need in CB Accessories
CB Walkie-Talkies Help You Keep in Touch

(1) Realistic® TRC-87. One Channel, 100 mW. Sensitive superhet receiver, up-front speaker/mike, side-mount volume/on-off control and transmit button. With channel 14 crystals, telescoping antenna, wrist strap. 6⅛ x 3 x 1⅛. Requires 9V battery. 21-1609 19.95

(2) Realistic TRC-89. Three Channels, 300 mW. Battery-test LED indicator, side-mount volume/on-off control. With channel 14 crystals. Add optional crystals for two more channels. Telescoping antenna and wrist strap. 8⅜ x 3 x 1⅞. Requires 6 "AA" batteries or 10 rechargeable batteries. 21-1611 29.95

(3) Realistic TRC-88. Three Channels, 1 Watt. Squelch and volume controls, battery-test LED indicator, battery charger jack. With channel 14 crystals. Add optional crystals for two more channels. Telescoping antenna. 9⅜ x 3⅛ x 2⅝. Requires 8 "AA" batteries or 10 rechargeable batteries. 21-1610 39.95

(4) Realistic TRC-218. Three Channels, 2 Watts. Auto-modulation and Range-Boost antenna system for extended signal reach. Squelch control, separate speaker and mike, battery-test LED. With channel 14 crystals. Add optional crystals for two more channels. 10⅛ x 3⅜ x 2⅜. Requires 8 "AA" batteries or 10 rechargeable batteries. 21-1638 49.95

(5) Realistic TRC-219. Three Channels, 3 Watts. Auto-modulation, Range-Boost signal extender. Center-loaded antenna, squelch control, battery-test and modulation LEDs. External antenna and charger jacks. With channel 14 crystals. Add optional crystals for two more channels. 10⅛ x 3⅜ x 2⅜. Requires 8 "AA" batteries or 10 rechargeable batteries. 21-1639 59.95

(6) Realistic TRC-215. Six Channels, 5 Watts. Ceramic filter for increased selectivity and freedom from adjacent-channel interference. Automatic modulation control for constant modulation. Battery condition/RF meter, squelch, hi/lo power-saver switch. Jacks for antenna, hand mike, battery charger and external speaker. With channel 14 crystals. Add optional crystals for five more channels. 8 x 3 x 2⅜. Requires 8 "AA" batteries or 10 rechargeable batteries or DC adapter. 21-1653 99.95

(7) Realistic TRC-217. Forty Channels, 5 Watts. Covers all 40 channels, no crystals needed! Phase-locked loop circuitry gives precise frequency control and stability over all channels. Range-Boost extends signal reach. Built-in automatic noise limiter, auto-modulation, separate speaker and mike. Ceramic filter for increased selectivity and rejection of adjacent channel interference. Telescoping antenna, channel display/battery-test LED, squelch control, hi/lo battery-saver switch. External antenna and battery-charger jacks. 7½ x 2⅜ x 2⅜. Requires 8 "AA" batteries or 10 rechargeable batteries or DC adapter. 21-1644 99.95

(8) Realistic TRC-216. Forty Channels, 5 Watts. Our best walkie-talkie! Ready to use on all 40 channels—no crystals needed! Phase-locked loop circuitry for precise frequency control and stability. LCD channel readout and battery condition/RF meter, hi/lo battery-saver switch. Ceramic filter for increased selectivity and rejection of adjacent channel interference. Squelch, automatic noise limiter, auto-modulation, separate speaker and mike. Includes jacks for earphone, hand mike, antenna and battery charger. 8 x 3 x 2⅜. Requires 8 "AA" batteries or 10 rechargeable batteries or DC adapter. 21-1663 139.95

Transmit/Receive CB Crystals

<table>
<thead>
<tr>
<th>Channel</th>
<th>Cat No.</th>
<th>Pair</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>21-1205</td>
<td>4.98</td>
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<tr>
<td>9</td>
<td>21-1202</td>
<td>4.98</td>
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An FCC License is No Longer Required for Operating CB Equipment—No Age Restrictions
TWO-WAY RADIOS FOR WORK AND PLAY

Dual-Power 40-Channel CB Base Station

- Convenient AC/DC Operation
- Ch. 9/19 Priority Switch
- Use at Home or On-the-Go

Realistic Navaho® TRC-433. Quickly access Emergency Channel 9 or Information Channel 19 at the flip of a switch. PLL circuitry provides precise frequency control and stability over all 40 channels. Adjacent channel interference and pulse-type noise is reduced by crystal and ceramic filters and a switchable noise blanker and automatic noise limiter. Hysteresis-type squelch circuit automatically compensates for signal fading. Has a five-segment LED signal-strength meter, green Modulation indicator and an LED channel display. Adjacent channel rejection: 60 dB at 10 kHz. 2¾ x 11 x 8½”. UL listed AC or 12VDC pos./neg. gnd. 21-1547

129.95

Low As $15 Per Month

CB Base Station Antenna

79.95

3 dB Gain Over 1/4-Wave

Crossbow® Omnidirectional 1/2-Wave. Durable fiberglass construction and our exclusive "Insul-Matic" connector give you years of reliable performance. Integral mount bracket for easy assembly. Has 16-foot radiator. For masts up to 1¾" diameter. Accepts PL-259 connector. No adjustment or tuning. 21-967

79.95

USE EXTREME CAUTION when installing or removing antennas. Contact with power lines by antenna or any part of mounting assembly can be lethal!

49 MHz FM Headset Walkie-Talkies

69.95

Pair

- Voice Activated
- Hands-Free Operation
- For Fun Or Work

Fit Over Only One Ear for Safety

Realistic® TRC-500. Voice-activation leaves your hands free while you talk with a companion. Sensitivity switch lets you adjust the level of voice activation—you can prevent unwanted transmissions during strenuous activity or pick up soft voices when necessary. Volume control. 49 MHz FM dual-conversion receivers with ½-microvolt sensitivity. Up to ¼-mile range. Switchable VOX/manual operation. With belt clips. Each headset requires 9V battery. 21-400

Realistic® TRC-501. Really convenient size—only an inch thin and five ounces light! Transmits/receives up to ¼ mile on 49 MHz. Just the thing for keeping in touch with friends while camping, hiking, biking. Also handy for keeping track of family members at picnics and amusement parks. Receiver has ½-microvolt sensitivity. Rotary on/off volume control. Press the Call-button to transmit a tone signal and alert another unit of an incoming message. LED battery-condition indicator, 5-segment telescoping antenna. With belt clip. Requires 9V battery. 21-401

Pocket-Size Double Conversion 49 MHz FM Walkie-Talkie

24.95

- Dual-Conversion Superhet Circuitry for High Sensitivity and Clarity
- Call-Button for Signaling

Base & Mobile Transceiver Coax Assemblies

Be Sure You Are Sending and Receiving the Optimum Signal

Improve Input/Output

Replace worn cables with our high-efficiency 52-ohm polyfoam coax. Prewired and ready to install and use. Include PL-259 connectors on each end except #278-966.

<table>
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*PL-259 connector to spade lugs.

SWR/Field-Strength Meter

18.95

Tune Your Base or Mobile Antenna For Maximum Operating Efficiency

Measures forward and reflected standing wave ratio to 1kW. Percentage of reflected power from 0-25%. Checks RF field strength from 0 to 5. 50 ohms impedance. 1¾ x 6½ x 2½”. 21-525

Apply for Revolving Credit Today and Increase Your Buying Power—See Page 3
KIDS! HAVE FUN WITH OUR NOVELTY RADIOS

Blabber Mouse® Radio

NEW FOR 88

12.95

His Mouth Moves to the Words or Music as Volume Increases

Blabber Mouse happily sits on his cheese wedge that houses an AM radio. You’ll enjoy watching him “talk” faster as you turn up the volume. Easy-to-use side-mounted rotary on/off/volume and tuning controls. Requires 4 “AA” batteries. 12-908 .12.95

©1985 Nasta Ind. Inc.

Mickey Mouse® Radio

7.95

Kids Love to Take Him Along

This friendly portable brightens up everyone’s listening. Rotate Mickey’s “ears” to tune AM stations and adjust volume. Includes handy carrying strap and belt-clip. Requires 9V battery. 12-907 .7.95

©Walt Disney Productions

Bike Radio With Horn

19.95

Archer Road Patrol®. Mounts on most handlebars, yet the AM radio removes easily for portable use or safekeeping—bracket stays on bike. 3” safety reflector, Electronic pushbutton horn, 2½” speaker. 3½ x 5¼ x 3½”. Requires 3 “C” batteries. 12-197 .19.95

Kids’ Sing-Alone Phonos

29.95

Plays 33 1/3 And 45-RPM Records

Children love to use the “Strawberry” hand mike to sing-along with their favorite records. This safe, easy-to-use monaural phono has a built-in speaker, volume control, and the durable case folds for easy storage. UL listed AC. 13-1123 .29.95

Mini Personal Portable

9.95

With Headphones

AM receiver fits in shirt pocket or clips to belt. Side-mounted rotary tuning and volume control for one-hand operation. Headphones are feathery light. Requires 9V battery. 12-106 .9.95

Delicious Flavoradios®

6.95 Each

Three “Tasteful” Flavors


Plush, Pettable Animal Radios

NEW FOR 88

11.95

“Doggone” Good Listening

Furry little friends that all kids love! Built-in AM radios with external controls. Each requires 9V battery. Blacker, 12-967 .14.95

(2) New! Cuddly Cat. “Purrfect” listening. 12-993 .15.95

(3) New! “Spotty.” Huggable companion. 12-992 .16.95

Pound Puppies® Radio

17.95

Fun For Kids

Large slider selects FM, AM or Sing-A-Long. Easy-to-read dial. Microphone stores inside. Requires 9V battery. 60-2293 .17.95

There’s a Radio Shack Store Near You—Wherever You Are
AM/FM RADIOS FOR MUSIC ON-THE-MOVE

Full-Size, Low Price

24.95 Budget Priced Yet Delivers Excellent Sound Quality

For the money, you won’t find a better full-size portable! Features high/low tone switch, AFC-FM to prevent drift, and rich-sounding 3" speaker. Telescoping FM antenna. Earphone included. 7 3/16 x 8 7/8 x 2 1/2". UL listed AC (or 4 "C" batteries, extra). 12-716

29.95 Built-In AFC Cuts FM Drift

Features a hi/lo tone switch, wide-range 3 1/2" speaker. Swiveling/telescoping FM antenna. With earphone. 8 1/4 x 9 1/8 x 2 3/4". UL listed AC (or 4 "C" batteries, extra). 12-717

39.95 Feature Packed

Switchable AFC Control

Delivers outstanding FM and AM, and is packed with special features. AFC-FM keeps strong stations locked in and can be switched “out” to receive weak stations adjacent to strong ones. Has 4" speaker, slide-rule tuning and rotary tone control. Fold-down handle for added convenience. Earphone jack. 7 1/4 x 10 1/6 x 2 7/6". UL listed AC (or 4 "C" batteries, extra). 12-625

Affordable AM/FM Pocket-Size Portables

- Our Best Pocket Radio
- Stylish Aluminum Trim

High/low tone switch, built-in AFC-FM, rotary tuning and volume controls. 2 1/4" speaker, telescoping FM antenna, plus earphone. 5 1/4 x 3 x 1 1/2. Requires 9V battery. 12-719

19.95 One-Chip Integrated Circuit For Small Size, High Reliability

Built-in AFC-FM for drift-free reception, rotary volume and tuning controls, slide-rule dial, 2 1/4" speaker. Telescoping antenna. With earphone. 5 3/8 x 2 1/16 x 1 1/4". Requires 9V battery. 12-718

15.95 Colorful AM/FM Flavoradios®

Two Flavors! Strawberry And Blueberry

These dual-band Flavoradios double listening pleasure with both AM and static-free FM. Feature built-in AFC-FM, 2 1/4" speaker, telescoping antenna, stylish tapered design for comfortable carrying. 4 x 3 x 1 7/16". With earphone. Require 9V battery. Strawberry, 12-720. Blueberry, 12-721

11.95 Each

IC-Design AM/FM Micro Radio

- Only 9/16" Thin
- Streamlined Styling
- Built-In AFC-FM

Compact size yet superb performance due to integrated circuitry that outperforms ordinary designs. Slide-rule dial, 1 1/2" speaker. Rotary tuning, volume controls. 3 3/16 x 2 5/8 x 9/16". Earphone jack. Requires 2 "AAA" alkaline batteries. 12-124

19.95 Available Oct. 15, 1987

Sealed Against Water and Sand
Includes Shoulder/Carry Strap

The portable you don’t have to pamper! Features a rugged housing, reliable integrated circuit, rotary tuning and volume controls. Built-in antennas—no "whip" to break. 3 3/4 x 5 1/4 x 1 1/2. Requires 4 "AA" batteries. 12-783

19.95

Use Dependable Radio Shack ENERCELL® Alkaline Batteries for Best Results
STEREO-MATE® RECEIVERS & HEADSET RADIOS

Ultrathin Design Makes Them Ultra-portable

31.95 24.95 19.95 17.95
Available Sept 30, 1987

Pocket-Size AM/FM Stereo Personal Receivers

Has a built-in 3-band equalizer to customize the sound to your liking. FM stereo LED. Belt clip. 4 1/4 x 2 3/8 x 3/4". Requires 2 "AAA" batteries and headphones. 12-126 31.95

Built-in AFC. Removable belt clip. Stereo/mono switch. 4 1/8 x 2 1/4 x 1 1/2". Requires 2 "AAA" batteries and headphones. 12-120 24.95

Super-thin receiver complete with lightweight stereo headphones. Left/ right slide volume controls. FM stereo LED. 4 x 2 1/8 x 1/2". Requires 2 "AAA" batteries. 12-130 19.95

All-weather design and compact size make it "the" take-along for any activity. Removable belt clip. 3 1/8 x 2 1/8 x 1". Requires "AA" battery and headphones. 12-134 17.95

Stereo Headphones

Low As 4.95

AM/FM Stereo With Speaker

19.95

Headphone Stereo Or Mono Listening

Listen alone or with the monaural speaker. LED stereo indicator, rotary volume and tuning controls. 1/2" speaker. 1/4" stereo headphone jack. 4 1/4 x 2 1/2 x 3/4". Requires 2 "AAA" batteries, headphones. 12-132 19.95

Credit-Card Size FM Stereo Receiver

44.95

Includes Rechargeable Batteries and Charger

Mity-Thin® STEREO-MATE. Big stereo sound in a little package—only 1/8" thin! So small you hardly know it's in your pocket. And you can recharge the built-in batteries over and over again. Built-in FM-AFC. Requires headphones. 3 1/4 x 2 3/8 x 1/2" 12-129 44.95

Comfortable STEREO-MATE Headset Radios With Lightweight Design

29.95

37.95

39.95


AM/FM Stereo. Great personal listening! Feathered light at approximately 6 ounces with batteries installed. FM-AFC for drift-free listening, easy-to-use side-mounted tuning, volume and balance controls. Built-in AM loopstick antenna and FM wire loop antenna for best reception possible on all stations. Soft, foam-padded ear cushions. Requires 2 "AAA" batteries. 12-125 37.95

Micro AM/FM Stereo. Ideal for listening to the play-by-play at the game or relaxing at home. Weighs only about 2 ounces with battery, yet delivers full stereo sound. Built-in FM-AFC, rotary balance control, sliding AM/FM selector. Adjustable headband with foam ear cushions for maximum comfort. Built-in antenna. Requires "AAA" battery. 12-128 39.95

Prices Apply at Participating Radio Shack Stores and Dealers
AM/FM SOUNDVALUES FOREVERY NEED

Compact-Size AM/FM Stereo Portable

NEW FOR 88

29.95

Budget-Minded “Take-Along” Listening

- Twin 3" Speakers for Big “On-the-Go” Stereo Sound
- Built-In FM-AFC = Left/Right Balance Control

For the money, you won’t find a better compact portable than this one! AFC keeps strong FM stations locked in, switches “out” to receive weak stations adjacent to strong ones. LED stereo indicator. Telescoping antenna, 1/8” headphone jack, carry strap. 4 x 10 1/2 x 1 1/4". Requires 4 “AA” batteries. 12-722 29.95
AC Adapter, UL listed. 273-1454 6.95 12VDC Adapter. 14-844 6.95

Amazing Stereo-Wide® Portable

49.95

Separate Left/Right Volume Controls
Stereo-Wide Expands Depth And Separation
Enhanced Realism From Twin 3 1/2” Speakers

Realistic Concertmate®, A full-size portable that has tone control, dial slide-action volume controls, built-in FM-AFC, LED FM indicator and mono/stereo/Stereo-Wide selector. Telescoping antenna. With 1/8” headphone jack. 7 1/2 x 12 3/4 x 3” UL listed AC (or 4 "C" batteries, extra). 12-706 49.95

Handsomer Full-Feature AM/FM Table Radio

39.95

Acoustically Sealed 5” Speaker

Silicon Solid-State Design Delivers Maximum Output With Minimum Distortion

Realistic MTA-12. Stylish tabletop performer that sounds a lot bigger than it is! Built for years of reliable service, it features rotary volume and tone control, easy-to-read illuminated slide-dial, built-in antennas, terminals for external FM antenna. Walnut vinyl finish. 7 1/4 x 12 1/4 x 4 3/8” UL listed AC. 12-693 39.95

There’s a Radio Shack Store Near You—Wherever You Are
SUPER SELECTION OF FM/AM CLOCK RADIOS

Dual Alarms, LED Display

37.95  **NEW FOR 88**
(1) Chronomatic®-257. Stylish performer with the most-wanted features. Has easy-to-read 0.6" LED clock display, with hi/lo dimmer, on-top snooze button for a few minutes of extra rest with each tap, 59-minute sleep control, plus fast/slow and forward/reverse buttons for quick and easy setting. Separate LED “on” indicator for each “beep” alarm, lighted dial, with hi/lo dimmer, 3” speaker and an 1/8” earphone jack for private listening. 2 1/2 x 9 x 5 1/8”. UL listed AC.
12-1564 ............................................. 37.95

Lowest Priced Dual-Alarm

34.95  Fast/Slow and Forward/Reverse Controls for Easy Setting
(2) Chronomatic-248. Dual alarms make it “the” clock radio for budget-minded couples, or for setting two different wake times for workdays and days off. Has snooze control, one hour/59-minute sleep control, LED “on” indicator for each “beep” alarm, lighted dial, with hi/lo dimmer, 3” speaker and an 1/8” earphone jack. 2 1/2 x 8 5/8 x 5”. UL listed AC. 12-1555 ............................................. 34.95

Budget-Priced Fluorescent

27.95  “Beep” Alarm With Adjustable Volume
(3) Chronomatic-253. Wake to alarm or radio. Handy on-top controls for alarm “on,” hour and minute setting, FM/AM selection, volume, snooze and one hour/59-minute sleep mode. Display brightness control. Time-set prevents accidental resetting. Has 3” speaker, 0.6” display, a.m. indicator. Deluxe beveled-front woodgrain cabinet. 2 5/8 x 10 x 6 1/8”. UL listed AC. 12-1561 ............................................. 27.95

Latest Styling, Bargain Price

24.95  Wake to FM, AM, or “Beep” Alarm With Adjustable Volume
(4) Chronomatic-252. High style and high value! Features easy-to-reach on-top controls for hour and minute setting, volume, snooze and one hour/59-minute sleep mode. 0.6” LED time display, a.m. indicator and a 3” speaker. Deluxe woodgrain cabinet with beveled front for good looks. 2 5/8 x 10 x 6 1/8”. UL listed AC. 12-1560 ............................................. 24.95

Lowest Priced Clock Radio

19.95  **NEW FOR 88**
Compact Size And “Beep” Alarm
(5) Chronomatic-261. Our lowest priced FM/AM clock radio ever, yet packed with popular features! You get top-mounted controls for hour/minute setting, snooze control and 59-minute sleep mode. With easy-to-read 0.6” LED time display, LED alarm “on” indicator and a 2 1/4” speaker. Attractive low-profile styling. 1 3/4 x 7 1/8 x 4 3/4”, UL listed AC. 12-1568 ............................................. 19.95

Use Our ENERCELL® Extra-Life 9V Battery #23-583 (not included) for Best Battery Backup/Sentinel Operation
**Battery Backup During AC Failure**

If AC power fails, backup system keeps clock running up to eight hours, without display, and operates alarm at the time you’ve set. With battery backup you can also move your radio to another room without having to reset the clock or alarm.

**AM/FM Stereo, Dual Alarms**
- **On-Top 3” Speakers**
- **Stereo Headphone Jack**

(1) Chronomatic-251. Rise 'n shine to your choice of FM stereo, AM radio or "beep" alarm. With dual alarms for setting different wake times, fast/slow and forward/reverse controls for easy setting, on-top slide-action volume controls, 0.6” LED display with hi/lo dimmer and separate "on" indicators for each alarm. Features 59-minute sleep control, snooze, 3/4” stereo headphone jack, terminals for adding an external 300-ohm FM antenna. 2 5/8 x 10 7/8 x 3 1/2” UL listed AC. 12-1559 ............... 49.95

**Fluorescent With Dual Alarms**

**Easy-to-Reach Up-Front Controls**

(2) Chronomatic-260. Combines dramatic styling, dual-alarm convenience and a 0.6” fluorescent display that's easy on the eyes. Wakes with FM, AM or "beep" alarm. Features dual alarm settings for two independent wake-up times, fast/slow and forward/reverse buttons for simple setting, sleep control for listening up to 59 minutes before radio shuts off automatically. Also has snooze control for extra sleep time, hi/lo display dimmer control, separate LED "on" indicator for each alarm, lighted dial pointer, 3 1/2” speaker, 3/4” headphone jack. 3 3/8 x 10 7/8 x 6 7/8” UL listed AC. 12-1567 ............... 47.95

**Dual Alarms, Large Display**

**Two Separate Wake-Up Times**

(3) Chronomatic-259. Big 0.9” LED clock display with hi/lo dimmer is easy to read from across the room. Dual alarms for setting two different wake times, plus fast/slow and forward/reverse controls to make setting easy and precise. Snooze gives you extra sleep time and then repeats "beep" alarm. Sleep control for drifting off to music—the radio plays up to 59 minutes and shuts off automatically. Separate LED "on" indicator for each alarm, lighted dial pointer, 3 1/2” speaker, 1/4” earphone jack. 3 3/8 x 10 7/8 x 6 11/16” UL listed AC. 12-1566 ............... 44.95

**Contemporary Dual Alarm**

**Easy-to-Read Fluorescent Display**

(4) Chronomatic-258. Start your day with this feature-packed radio housed in a sleek white cabinet. Has dual "beep" alarms for two separate wake-up times, fast/slow and forward/reverse controls for easy setting and snooze control for extra sleep time. Sleep control plays up to 59 minutes of music while you doze off, then shuts off automatically. Features easy-to-read 0.6” fluorescent display with hi/lo dimmer control, separate LED "on" indicator for each alarm, lighted dial pointer, 3” speaker, 1/4” earphone jack. 2 9/16 x 9 7/16 x 5 1/16” UL listed AC. 12-1565 ............... 39.95

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**All Realistic Clock Radios Feature Impact-Resistant Molded Cases and Have Built-In FM/AM Antennas**

---

**Exclusive Battery Sentinel System**

A special circuit automatically tests the backup battery daily. The front-panel Sentinel LED lights-up to warn you if battery is weak or not installed. All Realistic clock radios on these two pages have these important extras to help you stay on time.
**CLOCK RADIOS WITH EXTRA-SPECIAL FEATURES**

**Under-Cabinet AM/FM Digital Clock Radio**

- It's a Radio, a Clock
- And an Appliance Timer
- Reduces Counter Clutter For More Work Space
- Easy-to-Clean Touchpad Controls

59.95

**Realistic KitchenMate**

- The kitchen appliance of the future is here today!
- Built-in 3-way programmable timed outlet turns appliances like your coffee-maker on and off at preset times you choose.
- 1-hour, 59-minute countdown timer for those recipes that require precise cooking times.
- Appliance outlet is rated 600 watts for TVs or lamps and 1650 watts for most other appliances.
- Radio has a 0.6" LED display, full-range 5" speaker, AFC-FM, tone control and convenient fast/slow, forward/reverse time setting.
- Includes all mounting hardware.

27⅛ x 11 x 6¾"! UL listed AC. 12-1556

**AM/FM Clock Radio/Phone**

- Built-In Pushbutton Telephone With Switchable Touch-Tone or Pulse* Dialing
- Battery Backup/Sentinel

49.95

**Realistic Chronofone**

- Space-saver combines a full-featured digital clock radio with a telephone that works on any line.
- Radio mutes automatically when phone is used or can be set to continue playing.
- Wake with FM, AM or buzzer. Hour and minute pushbuttons make it easy to set time and alarm precisely.
- Snooze control gives you a few extra minutes of sleep with each tap, then repeats alarm.
- Sleep control lets you go to sleep with music — radio plays up to one hour/59 minutes, then shuts off automatically.
- Phone has ringer on/off switch, one-touch redial of last number called and 7-foot modular cord.
- 0.6" LED time display, with high/low dimmer, 1/8" earphone jack for late-night listening.
- Battery Backup/Sentinel keeps you on time if AC fails.

49.95

**Dual-Alarm AM/FM Stereo Clock Radio With Cassette Recorder**

- Wake to Radio, Alarm or Stereo Cassette
- Record From Radio or “Live” With Mikes
- Built-In 3" Full-Range Stereo Speakers
- Battery Backup/Battery Sentinel System

79.95

**Realistic Chronomatic**

- Three ways to start your day! Dual alarm times let working couples wake separately to AM/FM stereo radio, beep alarm or even taped music with the stereo cassette recorder.
- Tap the snooze-bar for a few extra minutes of rest — alarm repeats automatically.
- Sleep switch lets you record tapes or listen to radio up to 59 minutes, then shuts off.
- Front-loading cassette features pause control, one-button recording, end-of-tape auto-stop and two built-in mikes.
- Clock radio includes AM/FM/FM stereo LED indicators, lighted tuning dial, rotary balance, volume and tone controls, fast/slow forward/reverse time set controls and terminals for adding an external FM antenna.
- Fluorescent time display has automatic dimmer.
- ½" stereo headphone jack. Walnut vinyl veneer finish. Battery Backup/Sentinel keeps you on time if AC fails.

79.95

Available Sept. 30, 1987

Use Our ENERCELL® Extra-Life 9V Battery #23-583 (Not Included) for Best Battery Backup/Sentinel Operation
## OUR EXCLUSIVE WEATHERADIO® RECEIVERS

### Desktop Weather and Time Radio

- **Weatheradio Alert**
  - **Price:** $39.95
  - **Description:** Receives Weather Stations and the World's Most Accurate Time
  - **Details:** When alarm sounds, press Weather-bar for advisories and what precautions to take. Battery backup powers radio during AC failures. Power-on/alert-standby LED. Crystal controlled. Up to 50-mile range. 1⅛ x 5⅛ x 6". Requires 9V battery.

- **Weatheradio Cube**
  - **Price:** $17.95
  - **Description:** Instant Weather Info
  - **Details:** The original! Tap the Play-bar to hear weather stations up to 25 miles away, then tap it again to switch off. Under-set volume and fine-tuning controls, telescoping antenna. Simulated rosewood. Requires 9V battery.

### Put a Weatheradio In Your Pocket

- **Weatheradio Alert**
  - **Price:** $39.95
  - **Description:** Receives Weather Stations and the World's Most Accurate Time

### Desktop Weatheradio

- **RF Amplifier for Up To 50-Mile Range**
  - **Price:** $24.95
  - **Details:** Set the control just once, then tap the Play-bar anytime for instant weather information. Crystal-controlled. Requires 9V battery or AC adapter. 1⅛ x 5⅛ x 3⅛. 12-152

- **AC Adapter**
  - **Price:** $5.95
  - **Details:** UL listed. 273-1431

### Put a Weatheradio In Your Pocket

- **Pocket Size Radio**
  - **Price:** $29.95
  - **Details:** Pocket PortaVision. Keep up with TV news, sports or soaps wherever you go. 2¼" speaker. With earphone. 6 x 3½ x 1⅛. Requires 9V battery or AC adapter. 12-613

### Value-Priced Portable

- **PortaVision-40**
  - **Price:** $39.95
  - **Details:** Plays on AC or Batteries

### AM/FM 5-Band With UHF And VHF TV Sound

- **PortaVision-60**
  - **Price:** $69.95
  - **Details:** Deluxe receiver features 4" speaker and tone control for superior sound, easy one-knob tuning and LED band indicators. AFC for drift-free FM reception. AC/battery switch. Fold-down handle. With earphone for private listening. 7⅛ x 9 x 2¼. UL listed AC (or 4 "C" batteries, extra). 12-781

---

The National Weather Service broadcasts storm warnings, traveler's advisories and local forecasts on special commercial-free VHF stations in over 365 cities. Most operate 24 hours. Come in for details.
CATCH THE ACTION ON MULTIBAND PORTABLES

Portable All-Band World Receiver With BFO, PLL Circuit and FM Stereo

NEW FOR 88

199.95

Low As $15 Per Month.

Available Nov. 30, 1987

- BFO Tunes Code and Single Sideband (SSB)
- Receives FM Stereo and Full AM (150-29,999 kHz) including Longwave, Midwave, and 12 SW Bands
- PLL Synthesized Circuit Locks Onto Exact Frequency
- LCD Quartz Clock With Timer and Sleep Modes Has 24-Hour Time Setting for SWL Listening Convenience

Realistic® DX-440. You'll have the world at your fingertips! Just punch-in any frequency with the direct-entry keys, or use the 9-station memory for even faster access. Automatic and manual scanning modes locate any station on the air. Features slide-action volume, balance, bass and treble controls, rotary tuning, BFO pitch and RF gain controls, and AM wide/narrow bandwidth selector. Power, stereo and signal-strength LED indicators. Built-in monaural speaker. Telescoping antenna with selector switch. Jacks for adding stereo headphones and external antenna. 6¾ x 12½ x 7". Requires 2 "AA" batteries and 6 "C" batteries or AC or DC adapter. 20-221 . 199.95

9-Band World Communications Receiver

79.95

ESP Available

- Tune-In FM, AM, Six Exciting Shortwave Bands And International Longwave
- Built-In FM-AFC for Drift-Free Listening

Realistic DX-360. Hear international news and entertainment on the BBC, Voice of America, Radio Japan and many others—plus standard FM and AM. Features slide-action volume and tone controls, tuning and low-battery LED indicators. Built-in antennas and speaker. Has ¼" earphone jack. Bands: SW1 4.5-5.5 MHz, SW2 5.9-7.5 MHz, SW3 8.2-10 MHz, SW4 11.4-14 MHz, SW5 14.6-18.2 MHz, SW6 21-25 MHz, LW 150-260 kHz. 4½ x 10¾ x 1¾". Requires 4 "AA" batteries or AC adapter. 20-208 . 79.95

Police, Aircraft, Shortwave, FM, AM

99.95

Low As $15 Per Month.

VHF-Hi, VHF-Lo, UHF, 6-18 MHz Shortwave, Standard FM/AM

Patrolman® SW-60. Keep up with local happenings, world news and weather conditions anywhere, anytime! Large display makes it easy to tune police, aircraft, VHF weather, foreign stations. All-band fine-tuning. AC-to-battery auto-switching, squelch control. 4" speaker, ¼" headphone jack, 10½ x 12 x 4". UL listed AC (or 4 "C" batteries, extra). 12-779 . 99.95

AM/VHF-Air Pocket Radio

19.95

- Take Along to Air Shows
- Fun at Airports

Jetstream®. "The" radio for aviation buffs! Hear pilots talking to airport towers and other pilots on the 108-135 MHz band, or listen to AM stations. 2½" speaker. With earphone. 4¾ x 2½ x 1½". Requires 9V battery. 12-601 . 19.95

Radio Shack Gift Certificates Are Great for Any Occasion—See Page 3
Realistic MTX-100. Specially designed for pleasure boats or commercial craft! Our VHF marine transceiver helps make boating safer and more fun. Has 54 2-way channels for ship-to-ship and ship-to-shore communications. And the receiver has ten additional weather channels for monitoring lake advisories and weather information. You can monitor Coast Guard and port operations, talk to other boaters or a base station on shore. Adjustable squelch control cuts unwanted noise between transmissions. Large, easy-to-read digital-channel display with dimmer. Built-in speaker. Has 1-watt/25-watt output power and transmission indicators, and a jack for adding an external speaker. Installation is easy, and the mounting hardware supplied is adaptable to any on-board location. Adjustable front panel allows optimum "viewability" at any vertical mounting position. FCC license application form included—just fill out and mail. 2 3/4 x 8 x 9 3/4". 12VDC neg. gnd.

54-Ch. Marine Transceiver

Ten Additional Channels Help Keep You Advised of Weather Conditions

$229.95 Low As $15 Per Month

- Powerful 25-Watt RF Output for Maximum Range
- Frequency-Synthesized Phase-Locked Loop Circuit for Exact-Frequency Tuning
- Emergency Channel 16 "Priority" Button
- Designed for Easy Do-It-Yourself Installation
- Weather-Resistant Construction
- Now Available in Most Cities

Transceiver Accessories

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiberglass 8-Ft. Antenna. Includes 15-ft. cable with PL259 connector. Requires 19-102 ratchet mount (below).</td>
<td>$39.95</td>
</tr>
<tr>
<td>Ratchet Mount. Solid nylon 4-way design with handle for deck or bulkhead mounting.</td>
<td>$14.95</td>
</tr>
</tbody>
</table>

Tandy® Personal Pocket Pager Keeps You in Touch

$99.95 Low As $15 Per Month

- Lightweight and Compact
- Perfect for Today's Active Families—You Can "Beep" The Kids Home When It's Getting Late
- Babysitter Can Always Reach You Quickly and Easily When You're at Work or Out for the Evening
- Investors Can Get Timely Information From Their Brokers When Trading Is Hot
- Clips Conveniently to Your Belt or Pocket
- Now Available in Most Major Cities

When you need to stay in touch but can't stay by the phone, paging is the only answer! Your family, babysitter or office can instantly reach you anywhere, quickly and easily. When your exclusive local phone number is dialed, your pager is automatically activated and beeps to tell you to call in for the message. If you can't be interrupted, the "silent paging" mode will store calls in memory until you check it—ideal for meetings or church. It's perfect for families with convalescing family members. And this pager is one of the smallest available—just 5/8" thin. It's so lightweight, you might forget it's there—until you don't miss that important phone call! With type 675 HP batteries. FCC registered.

Extra Pager Batteries. 23-156 Pkg. of 2/$1.69

Prices Apply at Participating Radio Shack Stores and Dealers
One-Piece Phone for Desk or Wall

1995
- "Hangs Up" on Any Flat Surface
- Hi/Lo/Off Ringer Switch

Radio Shack ET-120. A phone for extension or main use. Easy installation—just plug into modular jack, and talk. Thanks to one-piece design, it "hangs up" on any flat surface or mounts on wall with the bracket below. Mute button for privacy, touch-redial of last number called. Pulse dialing. With 16-foot modular cord. White, 43-501. Brown, 43-502


Each 1.99

Pushbutton Desk/Wall Slim-Fone®

2195
- Base Rests on Desk Or Mounts on Wall Available Sept. 30, 1987
- Switchable Touch-Tone/Pulse Dialing
- Accesses Services Requiring Tones


Each 21.95

Contemporary Phone For Desk or Wall

3495
- Touch-Tone/Pulse Dialing
- Illuminated Dial

A handsome main or extension phone. Features Touch-Tone or pulse dialing, touch-redial, on/off bell control and index for listing 10 of your most-often-used or emergency numbers. Handy reset button for placing a series of calls without returning handset to base. For desk or wall. Detachable coiled handset cord and modular 6-ft. line cord. White, 43-527. Almond, 43-528. Brown, 43-529

Each 34.95

Big Values in Pushbutton Telephones

3995
- Switchable Touch-Tone or Pulse Dialing
- Accesses Computerized Services Even From a Rotary Line


Mini Wall-Mount Phone. Mounts over any standard modular wall jack. One-touch-redial and hi/lo ringer control. 43-336...

59.95

Desk/Wall Phone With Lighted Dial

3995
- Was $49.95
- In 1987 Catalog
- Radio Shack Trim-Fone™. Illuminated dial lets you make calls in any level of room light. Touch-redial of last number called. Switchable Touch-Tone/pulse dialing. With 6-ft. modular cord. White, 43-525. Brown, 43-526

Chic Wedge Fashion-Fone

NEW 88 3995
- Contemporary Design
- Handsomely Styled
- For Home or Office

Locks sharp on desk or coffee table! Redial of last number called and switchable Touch-Tone/pulse dialing. Adjustable ringer volume. Hold button with LED indicator. Detachable coiled handset cord. 43-347

Each 39.95

Two-Way Amplified Phone

5995
- For Family or Conference Calls
- Built-In Speakerphone
- With On/Off LED
- Touch-Redial


Radio Shack Phones Are FCC Registered and Ready to Plug in With Standard Modular Connectors / Most Models Hearing-Aid Compatible
WE HAVE TELEPHONES FOR EVERY ROOM

Memory Desk/Wall With Lighted Dial

49.95

Stores and Dials
Up to 20 Phone Numbers
For Wall or Desk

Radio Shack Trim-Fone™. Auto-dials up to 20 numbers of up to 16 digits each. Phone-line powered lighted keypad for easy dialing even in a darkened room. Switchable Touch-Tone/pulse dialing accesses services requiring tones like low-rate long-distance, bank-by-phone and other computerized services—even from non-tone lines. Adjustable ringer volume, detachable coiled handset cord. With CR 2430 backup battery. White, 43-537. Brown, 43-538

Desk/Wall Phone With Memory

49.95

Stores 20 Numbers
Programmable Touch-Tone Or Pulse Dialing
Decorative Woodgrain
Flash Button

Radio Shack ET-192. Auto-dials up to 20 numbers of up to 16 digits each. Programmable Touch-Tone or pulse dialing lets you use computerized services from a rotary line. Flash button for use with services like Call Waiting. Touch-redial, ringer-adjust, comfortable "K"-style handset. Removable woodgrain lets you customize faceplate with your own fabric or wallpaper. With CR 2032 memory backup battery. 43-532

Variable-Volume Phone

49.95

Switchable
Touch-Tone
Or Pulse Dialing

Radio Shack ET-275. Receiver volume adjusts to boost sound if connection is weak or for use in a noisy area. One-button touch-redial. Hi/lo/off ringer control. For desk or wall. Detachable coiled handset cord. 43-524

One-Piece 20-Number Dialer-Phone

24.95


Contemporary Phone

44.95

Illuminated Dial
Desk/Wall
Stores 30 Numbers

An elegant phone that auto-dials up to 30 numbers of up to 16 digits each. Switchable Touch-Tone/pulse dialing. One-touch redial. Reset button. Ringer on/off control. Detachable coiled handset cord. 43-534

Add Flair to Any Room With a Fashion-Fone

“Funtastic” Big-Button Phones

49.95

Square. Big buttons for the “little kid” in you. Features touch-redial, mute feature (in pulse mode) for privacy, and ringer-adjust. Touch-Tone or pulse dialing. For desk or wall. With 7-ft. modular cord. 43-344

39.95

Linear. Features keypad with super-size buttons in two linear rows of five each. Has touch-redial and ringer adjust. For desk or wall. With 7-ft. modular cord. 43-345

(1) “Cutie” Extra petite and extra pretty. Rotary dial. 6-ft. cord. 43-324

(2) French Style. Continental-style ringer and ornamental handset create a mood of Parisian elegance. Rotary dial. Modular 6-ft. cord. 43-326

(3) Imperial Classique. Exquisitely detailed scrollwork adorns the antiqued base. Has extended rotary dial for easier operation. Modular 6-ft. cord. 43-323

(4) Continental Classique. Touch-redial. Touch-Tone/pulse dialing. Modular 6-ft. cord. 43-330

SWITCHABLE and PROGRAMMABLE TOUCH-TONE/PULSE dialing phones work on both tone and pulse lines. Therefore, in areas having only pulse (rotary-dial) lines, you can still use services requiring tones, like the new long-distance systems and computerized services. TOUCH-TONE phones give you access to services requiring tones, but do not function on pulse (rotary-dial) lines. ROTARY/PULSE-SIGNALING phones work on both rotary-dial and Touch-Tone lines but do not produce the tones needed to access the above services. Not for con or party lines. All phones FCC registered. Parts and service available through any Radio Shack
MULTILINE TELEPHONES FOR OFFICE OR HOME

Four-Line Telephone System Installs Easily
And Expands for Use on Up to 12 Stations

- LED Line-Status Indicators
- Hold Button for All Lines
- No External Controller Required
- No Rewiring
- Individual Line Ringer Controls
- Auxiliary Jack
- Plugs Into Two Standard 2-Line Modular Jacks (RJ14)
- Switchable Touch-Tone or Pulse Dialing

$119.95

Per Station
Low As $15 Per Month*

DUOFONE®-405. The affordable alternative to a costly phone system — grows as your business grows. Features hold button for placing one or all lines on hold and individual line ringer controls for you to decide which lines will ring at each station. LED indicators show line status at a glance: fast flash for incoming calls, slow flash for lines on hold, steady for lines in use at any station. Aux jack makes it easy to add accessories such as a speakerphone, answering or auto-dialer. Switchable Touch-Tone/pulse dialing allows use on any phone line. Adjustable ringer volume, one-button redial of last number called. Detachable coiled handset cord. Wall-mount bracket available on special order. 4¾ x 7¾ x 8¾" UL listed AC. 43-452

Per Station 119.95

Available Nov. 15, 1987

Two-Line Desk Telephone System

$79.95

Per Station

- Expands for Use on Up to Five Stations
- Line Status at All Stations
- Touch-Redial

System 205. The smart choice for growing businesses. Two line-access buttons let any station place or answer calls on either line. Hold button permits placing one or both lines on hold. LEDs indicate when lines are ringing, on-hold or in-use at all stations. Switchable Touch-Tone/pulse dialing. Separate line ringer with hi/lo/off control. Plugs into modular jack (RJ14). 5¾ x 5¼ x 8¾". UL listed AC. 43-430 Per Station 79.95

Two-Line Auto-Dialing Telephone

$69.95

- Memory Stores and Dials 20 Numbers Up to 16 Digits Each
- LED Ring/Hold Indicators

Radio Shack ET-193. Control two lines from one phone. Just the thing for homes with adult/kids lines. LED hold/ring and dialing indicators, hi/lo/off ringer control. Has touch-redial, hold, pause and flash buttons. Comfortable "K"-style handset. Programmable Touch-Tone/pulse dialing. Desk/wall. Plugs into modular jack (RJ14). With CR-2032 memory backup battery. 4¾ x 6¼ x 8½". Phone line powered. 43-533 Per Station 69.95

Two-Line Desk/Wall Trim Fone™

$59.95

- Illuminated Keypad For Easy Dialing In Low-Light Areas
- Hold Button
- Switchable Touch-Tone or Pulse Dialing

Hold button works on both lines. Access pushbutton and adjustable hi/lo/off ringer control for each line. LED ring/hold indicators, touch-redial. Plugs into standard modular jack (RJ14). 3½ x 3¼ x 8¼". Phone-line powered circuit. White, 43-613. Brown, 43-614 Per Station 59.95

Two-Line Pushbutton Telephones

$59.95

- Hold Button Works On Both Lines

Radio Shack ET-180 Desk Phone. Handle two lines from one low-cost phone. Put one or both lines on hold. Access keys and adjustable ringer for each line. Switchable Touch-Tone/pulse dialing. Touch-redial. Ring/hold LEDs. With 7-ft. modular cord. 5 x 5½ x 9". 43-373 Per Station 59.95

ET-181 Mini Wall-Mount Phone. As above, but mounts on modular wall plate. Detachable handset cord. 8¾ x 4 x 4½". 43-372 Per Station 59.95

ESP Available for All Phones. All FCC Registered. Not for Coin or Party-Lines. See Page 79 for Tone/Pulse Dialing Info
TELEPHONES WITH BUILT-IN INTERCOMS

Four-Line System With Wireless FM Intercom—Expandable to 12 Stations

NEW FOR $88

149.95 Per Station
Low As $15 Per Month *

- Talk With the Other Phone Stations on the System Through the Wireless FM Intercom
- No External Controller or Rewiring Required

DUO FONE System 410. All the features of a multiline phone system and the convenience of a 2-way intercom! Page button and built-in speaker allow any station to page other units and then use handset to talk privately with the other station. When you want privacy, the Do-Not-Disturb button temporarily stops the phone from ringing and turns off the paging speaker. Has a Hold button for placing one or all lines on hold and individual line ringer controls so you decide which lines will ring at each station. LED indicators show line status at a glance. Auxiliary jack makes it easy to add accessory such as an auto-dialer or speakerphone. Switchable Touch-Tone/pulse dialing. Adjustable ringer volume, one-button redial. Detachable coiled handset cord. Plugs into two 2-line modular jacks (RJ14). Includes step-by-step installation guide. Intercom uses AC wiring or may be wired separately for even higher-quality sound. Wall-mount bracket available on special order. 4¾ x 7½ x 8¾”. UL listed AC. 43-455 Per Station 149.95

Available Nov. 15, 1987

Two-Line Auto-Dialing Phone With Intercom—Expands to Five Stations

NEW FOR $88

99.95 Per Station
Low As $15 Per Month *

- Built-In 2-Way Intercom for Talking Privately With the Other Stations
- Memory Stores and Dials Up to 20 Numbers of Up to 16 Digits Each
- Hold Button for Wall Mounting or Desktop
- Switchable Touch-Tone or Pulse Dialing
- Battery Backup System

DUO FONE System 208. Just right for small businesses and homes with separate adult/kids lines. Intercom with paging saves you time and steps, and makes it easy to talk with other stations around the office or home. Hold button permits placing one or both lines on hold. You can receive a call at one station, put it on hold and page someone at another station to take the call. When they pick up the line, the hold at the original station is automatically released. LED indicators show line status at a glance: fast flash for incoming calls, slow flash for calls on hold, steady for lines in use at any station. Intercom LED lights up to indicate intercom is in use. Memory stores 20 of your often-called or emergency numbers for fast, automatic dialing. Has touch-redial and separate line ringers with hi/lo/off controls. “Flash” button for use with special phone company services like Call Waiting. Pause key for use with systems requiring an access code. FM intercom works through existing phone lines—no additional wiring needed. And, both the phone lines and intercom can be in use at the same time. Comfortable “K”-style handset. Battery backup of memory contents if AC power fails. For wall mounting or desktop use. Plugs into standard 2-line modular jack (RJ14), no external controller required. 4½ x 6½ x 9”. Includes UL listed AC adapter. Memory backup requires 2 “AAA” batteries. 43-616 Per Station 99.95

Apply for Revolving Credit Today and Increase Your Buying Power—See Page 3
OUR AFFORDABLE DELUXE-FEATURE PHONES

Two Lines, 30-Number Memory, LCD Display and Built-In Speakerphone

Low As $15 Per Month* ESP Available

DUOFONE®-195. A smart choice for your office, home-based business or a larger home. Handles two lines, with LEDs to indicate when lines are ringing, and which lines the DUOFONE -195 has on hold or in use. The memory stores up to 30 phone numbers of up to 32 digits each for accurate one-touch dialing. The memory is fully programmable—it will store the special codes needed for office PABX features and phone company services. So, if you have Call Forwarding and frequently forward your calls, you can program this phone to do it with the touch of a single key! The memory also accepts the LDT key (tone/pulse selection). This lets you use the memory to access alternate long-distance and other tone services, even if you have a non-tone (rotary-dial) phone line.

Display shows time of day, day of the week, elapsed time for timing calls, dialing mode and the number being dialed or programmed. You also get automatic redial of the last number entered up to 10 times. A separate redial memory lets you place other calls between auto-redial attempts. Speakerphone with adjustable volume permits hands-free conversations and on-hook dialing. Ringer provides different-sounding signals for the two lines and has a hi/lo/off control. Comfortable "K"-style handset has modular connectors for adding a longer cord. For desk or wall. Phone base: 3¾ x 7¼ x 8½". Requires RJ-14 (two-line) modular jack. Also works with two RJ-11 (single-line) jacks—add Radio Shack cord adapter #279-401. Includes UL listed AC adapter. Requires 4 "AA" batteries for memory backup.

159.95

With 100-Name Directory, Auto-Dialing, Multifunction Display & Speakerphone

Low As $15 Per Month* ESP Available

DUOFONE-205. Directory automatic dialing—you’ll never forget another phone number again! Enter the first few letters of a name and the listing appears on the easy-to-read fluorescent display. To call that number, just press the “dial” key. If the number is busy or unanswered, the phone redials it up to 10 times automatically. Electronic directory stores up to 100 names (up to 15 characters each) and their phone numbers (up to 32 digits each). Programming the directory is simple—the display prompts you for each step. There’s also a conveniently placed 12-key priority-dial keypad for frequently called numbers. Memories can store the LDT key (tone/pulse selection) as well as the key commands needed for office PABX features and phone company services. You can program the five-event message alarm to remind you of appointments, calls to make, even special days. It sounds at your preset time, and your brief message such as CALL BERNIE, LUNCH AT JOELS, or ANNS BIRTHDAY appears on the display.

A special time-zone function lets you program in time differences on memorized long-distance numbers. The display automatically reminds you of the time at the location you’re calling—helps you avoid calling people during inconvenient hours. A built-in speakerphone with automatic talk/listen switching lets you keep your hands free to work while carrying on a conversation. Also features a “flash” key for easier use of services like Call Waiting, “pause” and “privacy” keys, dual-tone ringer with hi/lo/off control, comfortable “K”-style handset with modular cord connectors, and battery backup of memory contents. Come in for a personal demonstration! Base: 3¾ x 10¾ x 8½". UL listed AC. Memory backup requires 4 "AA" batteries.

199.95

The Phone That’s Also a Phone Book

- Displays Names, Numbers, Time, Date, Call Length
- Programmable Touch-Tone/Pulse—Works on Any Line
- Twelve Priority-Dial Keys for Often-Called Numbers
- Alarm Reminds You of Appointments or Calls to Make

See Page 79 for Important Information on Touch-Tone/Pulse Dialing
### EASY-TO-USE MULTIFEAT URES PHONES

**Speakerphone With Directory Auto-Dialing**

- Built-In Directory Stores Up to 200 Names and Telephone Numbers
- Displays Directory, Time and Operation
- Programmable Touch-Tone/Pulse Dialing

**DU6FONE-202.** You may never have to look up another number! After easy initial programming, you simply type the first letters of the name you want to call. The name appears on the LCD display and the phone dials the number for you automatically. You can also “scroll” through the directory to find a desired listing, then dial that number with the touch of one button. Directory stores up to 200 names (up to 16 characters each) and their phone numbers (up to 32 digits each). You can also use the memory to access alternate long-distance and other services that require tones, even if you have a rotary-dial line. Features three conveniently placed priority-call keys for one-touch access to emergency or frequently called numbers. Two-way speakerphone with adjustable volume allows hands-free conversations, and gives you convenient on-hook dialing. Has auto-redial of last number entered, ringer hi/lo/off control, and modular handset connectors. For desk or wall. Base: 2\(\frac{1}{4}\) x 6\(\frac{3}{4}\) x 9\(\frac{1}{2}\). Requires 2 “C” batteries. 43-625 119.95

### LCD Display, 32-Number Auto-Dialing And Fully Programmable Memory

**Low As $15 Per Month.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DU6FONE-167</td>
<td>99.95</td>
</tr>
<tr>
<td>DU6FONE-146</td>
<td>79.95</td>
</tr>
</tbody>
</table>

(1) **DU6FONE-167.** Outstanding features, at a price that’s easy to afford! The LCD display shows the last-dialed phone number, time, and elapsed time for timing calls. The memory is fully programmable and stores up to 32 numbers of up to 16 digits each. Hot Line feature automatically dials preset emergency number after receiver is lifted. Also has two-way speakerphone, programmable touch-tone/pulse dialing, security code to prevent unauthorized use, hi/lo/off control, and auto-redial. LDT, “flash” and “pause” keys. Modular handset connectors. Desk/wall. Base: 2\(\frac{3}{4}\) x 7 x 9\(\frac{1}{2}\). With UL listed AC adapter. Memory backup requires 4 “AA” batteries. 43-609 99.95

(2) **DU6FONE-146.** As above, but without two-way speakerphone. One-way call-monitor feature permits on-hook dialing. 43-603 79.95

### 30-Number Automatic Dialing and Three Priority-Call Buttons

**Low As $15 Per Month.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DU6FONE-183</td>
<td>69.95</td>
</tr>
<tr>
<td>DU6FONE-173</td>
<td>49.95</td>
</tr>
</tbody>
</table>

(3) **DU6FONE-183.** Even at this low price you get programmable touch-tone/pulse dialing and many extra features. The memory stores up to 30 numbers of up to 14 digits each. Allows chain dialing of numbers stored in memory for use with special services. Also features three conveniently placed priority-call keys for emergency or frequently called numbers. Two-way speakerphone for hands-free conversations and on-hook dialing. “Flash”, “pause”, LDT, and privacy keys. Desk/wall. Base 2\(\frac{3}{4}\) x 5\(\frac{7}{8}\) x 8\(\frac{1}{8}\). Phone line powered. Jack for optional AC adapter (273-1454) for use on low-current lines. Memory backup requires 4 “AA” batteries. 43-608 69.95

(4) **DU6FONE-173.** As above, but without speakerphone and AC adapter jack. 43-607 49.95

*Revolving Credit Available
See Page 3

All Radio Shack Phones are FCC Registered / We Service What We Sell
AUTO-DIALING CORDLESS TELEPHONES

With 60-Number Memory and
2-Way Intercom Capability

NEW FOR $88

149.95

ESP Available
Low As $15 Per Month*

- Stores Phone Numbers of Up to 32 Digits—Auto-Dial
- Long-Distance Numbers With Lengthy Access Codes
- Add A Regular Phone to the Base and Use It With the
  Portable Handset for a 2-Way Intercom System
- Selectable Security Code Prevents Other Cordless Phone
  Users From Calling or Answering on Your Line
- Rotary Volume Control for Boosting Caller's Voice
- Maximum Legal Output Power for Optimum Range

Radio Shack ET-425. Our best! This phone has your number. Auto-dial any of 60
frequently called or emergency numbers as you move freely around your home. Program-
able Touch-Tone/pulse dialing allows access to low-rate long-distance, bank-by-phone
and other computerized services from any telephone line. 46/49 MHz operation for low
interference. A tone signals you when handset is out of range. Redial button automatically
dials the last number you called. Handset features memory programming, talk/hang-up,
"LDT" for temporarily switching to tone mode on pulse operation and privacy button. Also
features "Flash" button for use with special services like Call Waiting. Handset has user-
replaceable rechargeable nickel-cadmium batteries and telescoping antenna. Automatic
recharger in base. Handset, 8¾ x 2¾ x 1¾". Base, 2 x 5½ x 9". UL listed AC.

Folding Pocket-Size With 20-Number Memory

NEW FOR $88

119.95

Low As $15 Per Month*

ESP Available

- Memory Stores 20 Phone Numbers for Auto-Dialing
  While You’re On-the-Move
- Switchable Touch-Tone
  Or Pulse Dialing Works
  On Any Phone Line
- Maximum Legal Output
  Power for Optimum Range

Radio Shack ET-416. Our smallest cordless memorizes 20 phone numbers of up to 16 digits each for handy
auto-dialing. Cancel button for conveniently placing a series of calls. Features one-button touch-redial of last
number called. "LDT" button temporarily activates tone mode so you can access computerized services on a
rotary-line call. Open handset to answer, dial or talk. Close it to hang up. Also doubles as a pager—just press
button on base to signal handset. Selectable security code prevents unauthorized use of line with other cordless
phones. Features 46/49 MHz to cut interference. Handset has volume control and user-replaceable recharge-
able batteries. Automatic charger in base. For desk or wall. Handset, 9 x 2½ x 1¾". Base, 2 x 5½ x 9½". UL
listed AC. 43-556 ....................................................... 119.95

Flexible Antenna

4.95

Replaces those inconvenient and broken telescoping antenna
on most cordless telephones.

Handset Carry Case

5.49

Provides protection and portability for Radio Shack and most other cordless
phone handsets.

84 Prices Apply at Participating Radio Shack Stores and Dealers / See Page 79 for Important Information on Touch-Tone/Pulse Dialing
Discover Cordless Phone Freedom

Our Lowest Priced Touch-Tone or Pulse Dialing Cordless

79.95

- Switchable Touch-Tone/Pulse Dialing Works on Any Phone Line
- No Dangling Cords in Your Way
- Clear 46/49 MHz Operation
- Base for Desktop or Wall
- Maximum Legal Power Output

Radio Shack ET-393. Get cordless phone freedom and convenience at an incredible low price. All controls are in the portable handset, so you can call, answer, hang up and redial from any room—even outdoors. Features touch-redial of last number called and handy talk/standby switch. Touch-Tone/pulse dialing accesses low-rate long-distance, bank-by-phone and other computerized services from any phone line. Factory-programmed security code prevents nearby cordless phones from using your line. Handset has user-replaceable rechargeable batteries, telescoping antenna and low-battery LED. Base has automatic recharger with LED charging indicator. Handset, 8 x 2 3/8 x 1 1/4". Base, 2 3/8 x 3 3/8 x 9 1/2". UL listed AC. 43-544

99.95

- Security Code Prevents Others From Using Your Line
- Touch-Tone/Pulse Dialing for Use on Any Phone Line
- 46/49 MHz Operation Improves Sound, Cuts Interference
- Maximum Legal Output Power

Radio Shack ET-395. Make or take calls from any room or even outdoors, without trailing, twisting cords to get in your way. All controls are in the handset. You get handy one-button touch-redial of last number called. "LDT" button for remotely activating tone dialing when in the pulse mode. Privacy button eliminates the need to cover the mouthpiece. And it's ready to use—quick and easy connection with modular phone plug and AC cord. Handset has user-replaceable rechargeable batteries, telescoping antenna and low-battery, charge and talk LED indicators. Base has automatic recharger, for desk or wall. Handset, 8 1/2 x 2 1/2 x 1 3/4". Base, 3 1/4 x 3 x 9". UL listed AC. 43-547

129.95

- Memory Stores 30 of Your Frequently Called or Emergency Numbers for Fast, Accurate Auto-Dialing
- Rotary Volume Control for Boosting Caller's Voice
- Maximum Legal Output Power for Optimum Range

Radio Shack ET-420. Enjoy convenient auto-dialing, manual dialing and receive calls while you work around the house—all without being "tied down" by cords. Features selectable security code to prevent nearby cordless phones from using your line. You also get 46/49 MHz operation for clearer sound. "Flash" button simplifies special phone company services like Call Waiting. "LDT" button on handset temporarily activates tone mode so you can use computerized services on rotary-line calls. Handset has touch-redial of last number called, privacy button eliminates the need to cover the mouthpiece. Telescoping antenna. User-replaceable rechargeable batteries with LED low-battery indicator. Automatic recharger in base. Handset, 8 1/2 x 2 3/8 x 1 1/4". Base, 2 1/2 x 3 3/8 x 8 7/8". UL listed AC. 43-552

Phones Are FCC Registered and Include Standard Modular Plug (RJ11)—Just Plug In, Charge and Talk / Not for Coin or Party Lines / We Service What We Sell
DUOFONE® ANSWERERS—STOP MISSING CALLS

Microprocessor-Controlled

NEW LOW PRICE!

Was $139.95 in 1987 Catalog
Low As $15 Per Month+

VOICE ACTIVATION (VOX) and CALLING PARTY CONTROL (CPC)
REMOTE TURN-ON FEATURE
DUAL CASSETTES
CALL-MONITOR

DUOFONE TAD-312. Microprocessor handles all functions quickly and smoothly. With the remote control, you can check your incoming messages and reset tape from any phone. VOX and CPC stop the recorder if the caller hangs up before the end of your announcement or doesn’t leave a message. If you forget to set it to “answer”, remote turn-on function allows you to call home to turn answering on. While at home, use Call-monitor to screen callers before you answer. When retrieving messages by long-distance, Toll-saver helps cut charges. If you have any messages, it will answer on the first ring. If there are no messages, it will ring four times so that you can hang up before the fast ring to save time and money. Dual cassettes make changing and storing tapes easy. Single-knob function control, tape counter, fast-forward, rewind-erase, volume control, and announce-only mode. 3 x 9½ x 6½”. UL listed AC. Remote includes RS357A batteries.

43-391 99.95

DUOFONE TAD-311. All features above, without remote message retrieval.

43-390 79.95

Multifunction Touch-Tone Remote

NEW LOW PRICE!

Was $139.95 in 1987 Catalog
Low As $15 Per Month+

■ DUAL-CASSETTE OPERATION
■ PROGRAMMABLE SECURITY CODE

DUOFONE TAD-325. “Beeperless”. Turn unit on/off, review messages, reset tape to record, backspace, fast-forward, rewind, or change announcement from any Touch-Tone phone, or with most pocket tone dialers. Also monitor the room answering is in by remote. Programmable security code prevents unauthorized remote use. Toll-saver, variable message length, VOX, CPC and announce-only. 2½ x 10 x 8”. UL listed AC.

43-396 119.95

Remote Plus Voice Synthesizer

■ SYNTHESIZED VOICE TELLS YOU NUMBER, DATE AND TIME OF EACH MESSAGE

DUOFONE TAD-320. Touch-Tone remote gives you control of all major functions from any Touch-Tone phone, or from a rotary-dial phone using most pocket tone dialers. Programmable security code prevents unauthorized remote use. Toll-saver cuts long-distance charges when checking messages by remote. Records 2-way conversations. Features remote turn-on, Call-monitor, memo recording and battery backup. 2¾ x 9½ x 7½”. UL listed AC. Backup requires 9V battery.

43-392 199.95

Two-Line With Touch-Tone Remote

■ TOUCH-TONE REMOTE
■ DUAL MICROCASSETTES
■ PROGRAMMABLE SECURITY CODE
■ CELLULAR COMPATIBLE

DUOFONE TAD-330. Answers two separate lines—perfect for small businesses or homes with adults/kids’ lines. If both lines ring, first caller is greeted by your personal message and the second by a voice-synthesized announcement. You can talk on one line while it answers the other. All major functions can be controlled from any Touch-Tone phone or with most pocket tone dialers. Variable outgoing message length. Selectable incoming message length for more or longer messages per tape. VOX and CPC save tape space. Programmable security code prevents unauthorized remote use. Room monitor lets you listen in on home by remote. Features Toll-saver, remote turn-on/off, Call-monitor, dual cassettes and announce-only mode. 2⅛ x 10 x 8”. UL listed AC.

43-397 139.95

Remote Access and Auto-Calling

■ TOUCH-TONE REMOTE
■ DUAL MICROCASSETTES
■ PROGRAMMABLE SECURITY CODE
■ CELLULAR COMPATIBLE

DUOFONE TAD-260. Auto-calling dials any phone or personal pager to alert you of an incoming message. Then use any Touch-Tone phone, or rotary-dial phone and most pocket tone dialers, to hear your message. You can even check messages from your cellular phone. Control all major functions by phone—no remote to lose or forget. You can even “call in” and turn unit on/off, VOX and CPC circuits save tape space. Features Call-monitor, 2-way recording, memo recording, Toll-saver and announce-only mode. 2 x 7¾ x 9½”. UL listed AC.

43-387 199.95

86

Extended Service Plan Available / DUOFONE Answerers Are FCC Registered / Not for Coin or Party Lines
NOW YOU'RE IN—EVEN WHEN YOU'RE OUT

Dual-Microcassette Answerer

**NEW FOR 88**

129.95

Low as $15 Per Month •

ESP Available

Touch-Tone Remote With "Important Call" Breakthrough

"Beeps" to Signal Someone at Home to Answer Phone

DUOFONE® TAD-245. "Beeperless" remote controls all major functions from any Touch-Tone phone or with a pocket tone dialer. Alert anyone near the answerer of your important call so they can answer and talk to you personally. Dual microcassettes make it convenient to organize announcement tapes and save messages. Voice activation, Toll-saver helps cut long distance costs when checking messages by remote. Variable incoming/outgoing message length, memo recording, 2-way record, remote turn-on and Callmonitor. 21/4 x 81/4 x 6 1/4". UL listed AC. 43-394 .

Remote Control Answerer/Phone

**NEW FOR 88**

179.95 Low as $15 Per Month •

ESP Available

- Touch-Tone Remote Control
- Voice-Activated Recording
- Dual-Microcassette Design
- Touch-Tone/Pulse Dialing
- Built-In Speakerphone
- Auto-Dialing Memory

DUOFONE TAD-252. Features "Beeperless" remote to check incoming messages and control all major functions from a Touch-Tone phone. VOX and CPC save tape space and playback time. Also has Call-monitor, 2-way recording, room-monitor, remote turn-on and Toll-saver. Switchable Touch-Tone/Pulse dialing. Speakerphone for 2-way hands-free conversations. Memory stores 20 numbers. 31/4 x 7 1/2 x 9 1/4". Includes CR 2032 battery for memory backup. UL listed AC. 43-395.

Announce-Only System

49.95

ESP Available

Integrated Phone With Switchable Tone/Pulse Dialing

DUOFONE TAD-105. No tape needed! Records your announcement (up to 10 seconds) on a memory chip. Answers after three rings and plays your message. 3 1/2 x 4 1/2 x 8 1/2". UL listed AC. Backup requires 9V battery. 43-386 .

Voice-Synthesized Answerer

59.95

ESP Available

DUOFONE TAD-240. Voice-synthesizer delivers announcement (below) in a man's or woman's voice. Records sixty 30-second incoming messages on a single microcassette. 1 7/8 x 7 3/8 x 4 1/4". UL listed AC. 43-388 .

Voice-Synthesized Answerer With Phone

89.95

ESP Available

Switchable Touch-Tone Or Pulse Dialing

DUOFONE TAD-242. Same features as TAD-240 at left, plus a built-in telephone. Records sixty 30-second messages. 2 x 6 x 9 1/4". Includes CR 2032 battery for memory backup. UL listed AC. 43-389.

Customized Announcement Tapes

Office/Home Edition. Ten professional or humorous messages. 43-415 .


Comedy Edition Volume II. Funny messages with impersonations of Rodney Dangerfield, Howard Cosell plus eight others. 43-418 .

Rich Little Edition. NEW! The famous impersonator answers your phone as Humphrey Bogart, Jimmy Stewart, John Wayne, Clark Gable and six others. #43-419 .

Announcement and Message Tapes

- Use With Our DUOFONE Answerers and Most Other Brands
- Available in Standard and Micro Sizes

<table>
<thead>
<tr>
<th>Size</th>
<th>Type</th>
<th>Recording Time</th>
<th>Cat. No.</th>
<th>Each</th>
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<tbody>
<tr>
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<td>Announcement</td>
<td>10 Seconds</td>
<td>43-405</td>
<td>4.95</td>
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<tr>
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<td>Announcement</td>
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<td>43-403</td>
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<td>Announcement</td>
<td>60 Seconds</td>
<td>43-406</td>
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<td>3 Minutes</td>
<td>43-407</td>
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<tr>
<td>Micro</td>
<td>Announcement</td>
<td>15 Minutes</td>
<td>43-409</td>
<td>3.49</td>
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<tr>
<td>Cassette</td>
<td>Message</td>
<td>60 Minutes</td>
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<td>90 Minutes</td>
<td>43-411</td>
<td>2.49</td>
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<tr>
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<td>Message</td>
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</table>

See Page 79 for Important Information on Touch-Tone and Pulse Dialing
AUTO-DIALERS, HEADSET AND AMPLIFIERS

High-Capacity Desktop Auto-Dialer

**NEW FOR 88**

![Image of Auto-Dialer]

**39.95**

Available Sept. 30, 1987

- Memory Stores Up To 104 Numbers of Up to 32 Digits
- Priority Dialing Of Four Numbers
- Pause Control
- ESP Available

**DUOFONE**® 121. Fast, accurate and convenient—perfect for home or office. Lift-up index for listing numbers stored in memory. Priority Store memory buttons for frequently used or alternate long-distance numbers. Programmable Touch-Tone or pulse dialing. Pause key works with systems requiring an access code. Last-number redial. LED battery test and dialing indicators. 1% x 5½ x 4¾". Requires 2 "AA" batteries. 43-300 39.95

Electronic Telephone Amplifier System

**DUOFONE** 102. Enjoy hands-free, 2-way conference calls. High-speed automatic talk/listen switching. Privacy button. 2 x 6½ x 4½". Phone line powered. Jack for AC adapter (#273-1455) for low-current lines. 43-292 39.95

**Built-In Mike and Speaker**

**69.95**

Available Oct. 15, 1987

- A Must for Receptionists
- Busy Executives
- Anyone Who Needs to Keep Their Hands Free During Phone Conversations
- Works on Most Any Phone With Modular Handset Jack
- Quick-Disconnect Cord
- ESP Available

**DUOFONE** 119. Headset with adjustable mike boom frees your hands during phone conversations. Quick-disconnect makes it easy to leave the phone without removing the headset. Amplifier module has volume control. Selectable carbon, electret or dynamic mike settings for use with most type of phones, even office "key" systems. LED battery test indicator. Requires 4 "AA" batteries. 43-171 59.95

Not compatible with some electronic phones, and phones with dial in handset

Universal Hands-Free Phone Headset

**59.95**

Available Oct. 15, 1987

- Lift-up index for listing numbers stored in memory.
- Priority Store memory buttons for frequently used or alternate long-distance numbers.
- Programmable Touch-Tone or pulse dialing.
- Pause key works with systems requiring an access code.
- Last-number redial.
- LED battery test and dialing indicators.
- Requires 2 "AA" batteries.

**DUOFONE** 119. Headset with adjustable mike boom frees your hands during phone conversations. Quick-disconnect makes it easy to leave the phone without removing the headset. Amplifier module has volume control. Selectable carbon, electret or dynamic mike settings for use with most type of phones, even office "key" systems. LED battery test indicator. Requires 4 "AA" batteries. 43-171 59.95

Not compatible with some electronic phones, and phones with dial in handset

Pocket Memory Tone Dialer

**NEW FOR 88**

**39.95**

Stores 60 Numbers Up To 16 Digits

Hold it to the mouthpiece of virtually any phone and it dials for you, electronically. Chain-dialing for use with long-distance services. LCD display shows number being dialed. Security lock prevents unauthorized use. Last number redial. Handy index. 4¾ x 2½ x ¾". Requires 3 "AAA" batteries. 43-143, 39.95

Budget Pocket Tone Dialer

**NEW FOR 88**

**14.95**

Saves you money! Utilize long-distance and other services requiring tone signals from a rotary-dial (pulse) phone. Also for tone-activated remote answerers and auto-patches. Low battery indicator. 3½ x 2¼ x ¾". Requires 3 "AAA" batteries. 43-139 14.95

Budget Pocket Tone Dialer

**NEW FOR 88**

**14.95**

Saves you money! Utilize long-distance and other services requiring tone signals from a rotary-dial (pulse) phone. Also for tone-activated remote answerers and auto-patches. Low battery indicator. 3½ x 2¼ x ¾". Requires 3 "AAA" batteries. 43-139 14.95

Speaker/Amplifier

**24.95**

Hands-Free 2-Way Phone Conversations

Phone Line Powered

Budget-price amplifier system plugs into modular jack so you can enjoy group conversations at work or home. Phone line powered—requires no batteries. Volume control, privacy/sensitivity pushbuttons, 5-foot cord and modular plug. 3½ x 6 x 3¼". 43-278 24.95

Portable Phone Listener

**8.95**

Works On Most Phones

Amplifies calls so other people can listen in. Installs instantly—no wiring required. Adjustable volume. 1½ x 3½ x 4¾". Requires 9V battery or AC adapter (#273-1431). 43-231 8.95

Snap-On Handset Amp

**10.95**

Easy To Use

Boosts caller's voice up to five times normal volume. Handy for noisy areas or hearing impaired. Hearing aid compatible. Volume control. 2½ x 2½ x 1¾". Requires "N" battery. 43-229 10.95

Compact Handset Amp

**19.95**

Plugs Into Modular Jack

Attaches to most phones and boosts caller's voice. Volume, tone controls. 2½ x 4 x 1½". Requires 9V battery. 43-237 19.95

For use on phones with dial in handset.

May be incompatible with electronic phones.

Telephone Amplifiers and Auto-Dialers May Not Operate On Some Multi-Line Systems
EXTRA-FEATURE TELEPHONE ACCESSORIES

Remote Control, 2-Line Call Forwarding System

- Automatically Forwards Incoming Calls on Line-1
  To Any Other Number You Choose on Line-2
- Touch-Tone Remote Access Makes it Easy to Call
  Home and Reprogram the System to Forward Your
  Calls to a Different Telephone Number
- Security Code Prevents Unauthorized Access

NEW FOR 88
Available Oct. 30, 1987

99.95
Low As $15 Per Month
ESP Available

DUOFONE CFS-200. Now you can be reached at your home or office—no matter where you are!
Low-cost system installs quickly and easily. Just connect to modular jack (RJ14), then program
security code and the number you want your calls forwarded to—that's it! With remote access you
change the number your calls are forwarded to from any touch-tone phone or rotary-dial phone
with a pocket tone-dialer. System doesn't "answer" calls. Incoming calls are answered at the
forwarded number only. Long-distance callers are not charged if the forwarded number isn't
answered. Automatically disconnects when you hang up or you can set it to limit the length of calls to
three or 10 minutes. Switchable Touch-Tone or pulse dialing. Battery backup system maintains all
functions if AC power fails. LED indicators for memory store, read-in-use and power/low-battery.
The CFS-200 requires 2-line service. 1½ x 5⅝ x 7⅜". Includes UL listed AC adapter. Backup
requires 6 "AA" batteries. 43-155

Computerized Phone Accounting System

99.95
Low As $15 Per Month
ESP Available

DUOFONE CPA-1000. Unbelievable low price for a line management and detail recorder with
this many features! Plugs in anywhere on your line to provide you with an easy-to-read,
detailed printout of all incoming and outgoing calls made on your line. Automatically prints
month/day/year, starting time and length of each call—even the number of rings before an
incoming call was answered. You can set it to print client account numbers as well as the
number dialed on outgoing calls, so you can bill accounts for phone time spent on their
behalf. If you have Call Waiting, it will even give you a complete record of both calls.
The CPA-1000 prints details as they happen and, at the end of every day, the system gives
you a summary printout of that day's calls. And you can get a summary printout showing total
number of incoming and outgoing calls, any time. Battery backup system maintains all
functions if AC fails. Low battery and power-on LEDs. Plug-in installation. For single-line use
2 x 5⅝ x 6⅜". UL listed AC. Backup requires 4 "AA" batteries. 43-152

Sensor Alert Home/Office Monitor

99.95
Low As $15 Per Month

DUOFONE Sensor Alert. Electronic "watchman" monitors to determine
that electricity is on, that temperature is within your preset limits, and
detects loud noises such as smoke or burglar alarms—and one other
condition of your choosing. If there are disruptions, it automatically
phones you and up to three other parties continuously until message is
received and acknowledged. And you can listen for unusual sounds or
noise inside the monitored area through the built-in mike, or with an
optional external mike. Power-failure response and listen-in time set-
tings can be adjusted from one to 199 seconds. Keyboard lock code
prevents unauthorized setting changes. Battery backup powers system
if AC fails. Voice synthesizer announces temperature on command and
warns you with a spoken message if battery is low. External sensor
connection for normally open or closed circuit. Modular connector with
6-ft. cord. Pulse dialing. Desk/wall. 1½ x 7½ x 4⅜". UL listed AC. Backup
requires 6 "AA" batteries. 43-166

See Page 79 for Important Information on Touch-Tone and Pulse Dialing
# VALUE-PRICED TELEPHONE ACCESSORIES

## The First Low-Cost Telephone Tester

- **299.95** Low As $15 Per Month
- **Excellent for Telemarketing Businesses** Or Office Equipment Sales and Service
- **Microprocessor Controlled for Accuracy**
- **Tests Tone and Pulse-Dialing Phones,** Cordless Phones and Answering Machines
- **Easy-to-Follow Picture-Coded Instructions** For Fast, Accurate Step-by-Step Testing

A must for businesses that depend on their phone systems. The easy way to analyze faulty phones and avoid needless outside repairs. Often a problem is as simple as a defective cord—which can be replaced by most anyone. This amazing instrument is designed to check for common problems in most phones and answering devices. Works on all single-line pulse, rotary and Touch-Tone models, even cordless phones. It can also be used to test 2-line phones by adding Adapter #279-401. Includes tests for dialing, defective plugs, cords, handsets and loud/soft ringing, plus long/short loop testing. Two front-mounted AC outlets for testing convenience. 14 x 13 x 8". UL listed AC. 43-114

## Convenient Two-Line Controllers

<table>
<thead>
<tr>
<th><strong>29.95</strong></th>
<th><strong>44.95</strong></th>
</tr>
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<tbody>
<tr>
<td><strong>Budget</strong> Controller. Handy for homes with both adults and kid's lines. Distinctive internal ringer for each line. LEDs indicate lines ringing and on hold by controller. Phone line powered. 2½ x 3½ x 3&quot;. 43-380</td>
<td><strong>Deluxe</strong> Controller. LEDs show which line is in use, ringing or on hold at all stations. Hold button puts one or both lines on hold. Dual-tone ringer with hi/lo/off switch. External ringer switch. 2½ x 4¼ x 3½&quot;. UL listed AC. 43-382, 44.95</td>
</tr>
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</table>

## Multiline Phone Accessories

<table>
<thead>
<tr>
<th><strong>39.95</strong></th>
<th><strong>Low As 14.95</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Modular Multiline Controller</strong> Connects single-line equipment to standard 1A2 multiline telephone system. Line-select buttons. Provides 1 + A1 line supervision for lights. 5 x 2½ x 2¼&quot;. 43-233</td>
<td><strong>Four-Line Tap</strong>. Add a single-line device to your standard 1A2-type multiline system. 1¼ x 2¾ x 4&quot;. 43-271</td>
</tr>
</tbody>
</table>

## Phone Recording Controls

(1) **Single Phone.** Plugs into remote and mike jacks of most recorders to start and stop tape automatically. 43-228
(2) **Multiphone.** As above, but also works with all extensions. 43-236

## Phone Accessories

(3) **Ringer Silencer.** Prevents ringing, for privacy. Allows normal use of phone. On/off switch. Seven-foot modular cord. 43-127
(4) **Pen and Holder.** Sticks on phone. 43-110

## Spike Protector

Helps Prevent Damage to Telephone Equipment

Discharges potentially damaging voltage spikes on line. Doesn't interfere with phone service. For all single line equipment using RJ11C modular jacks. 43-102

## It's for You! Indoor & Outdoor Bell Ringers and Fone Flashers

<table>
<thead>
<tr>
<th><strong>14.95</strong></th>
<th><strong>29.95</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Indoor Extension Bell.</strong> Cancels phone's electronic ringer, or works by itself. Modular plug. 43-175</td>
<td><strong>Outdoor Bell.</strong> Handy for porch, patio or garage. Weather-resistant molded housing. Modular jack. 43-174</td>
</tr>
</tbody>
</table>

**Fone Flasher**. Flashes a lamp when your phone rings. Easy installation—plug into AC outlet and modular jack, then plug lamp into flasher. For incandescent bulbs to 300W. UL listed AC. 43-177

**Fone Flasher 2.** As above, but with built-in strobe light and electronic ringer. Ringer/flasher/combination modes. 43-178

Multiline Devices May Not Work With Electronic Phone Systems / All Applicable Equipment FCC Registered
EVERYTHING IN JACKS, PLUGS AND CORDS

Wallplates, Jacks, Plugs & Adapters

(1) Round Modular Wall Jack. 279-392 4.95
(2) Rectangular Modular Wall Jack. 279-352 3.95
(3) Dual Wallplate. For up to four separate lines or two phones with the same number. 279-350 5.95
(4) Wall Phone Plate. Accepts standard modular wall phones. 279-387 5.95
Surface Mount Wall Phone Plate. As above, but mounts on wall without electrical box. 279-382 5.95
(5) Quick-Connect Jack. Converts wall block for use with modular plug. Spade terminals. 279-355 2.19
Modular Jack. As above, with snap-on clips. 279-386 2.99
(6) Surface-Mount Modular Jack. 279-353 3.95
(7) Outdoor Wallplate. Modular jack with flip-up cover. 279-340 5.95
(8) Entrance Bridge. Provides distribution or connecting point with screw terminals for phone company network interface. Attaches to wall. 279-394 6.49

Tools and Cables

Do It Yourself NEW FOR 88!

(22) Wire Stripping Tool. Also removes breakout tabs. 279-400 1.99
(23) Phone Connector Crimp Tool. 64-410 5.99
(24) Spade Lugs. Insulation piercing. 64-3070 Pkg. of 24/99c
(25) Butt Connector. Insulated. 64-3073 Pkg. of 24/99c
(26) 50-Ft. 24-Gauge Solid Cable. 278-372 5.49
100-Ft. Four-Conductor Cable. 278-373 10.95
Four-Conductor Bulk Cable. 278-1320 Per Ft. 10c
(27) Modular Cable. Four-conductor, 50 feet. 278-365 5.49
100 Feet Modular Cable. 278-366 10.98
(28) NEW! Weather-Sealed Splice Connector. 64-3080 Pkg. of 4/1.69

Crimping Supplies

2.99 8.95

Modular Handset Cords

25 Feet

Color Cat. No. Each
White 279-301 5.95
Almond 279-302 5.95
Beige 279-303 5.95
Brown 279-304 5.95

25-Foot Heavy-Duty Cord

More resilient and stain resistant.

Color Cat. No. Each
White 279-290 7.95
Almond 279-291 7.95
Beige 279-292 7.95
Brown 279-293 7.95

Coiled

Low As

4.95

Jack Extensions

Modular plug at one end, dual jacks at other (RJ11/14). Not Shown.
12-Foot. 279-373 5.95
25-Foot. 279-363 6.95
25-Ft. Modular to Modular. 279-356 5.95
5 1/2" Modular to Modular. 279-390 9.99
25-Ft. Modular to Spade. 279-364 5.95
12" Modular to Spade. 279-391 1.99
12-Ft. Modular to Modular. 279-310 4.95

Two-Line Coupler

Combines two individual lines with RJ11 jacks into a two-line RJ14 jack. 279-410 6.95

Three-way Jack

279-402 6.95

Practical Telephone Tester

Finds Phone Line Problems Quickly

Service for Radio Shack Telephones Available Through Our Store Near You
Save Up to 40%

Buy in Quantity! Get Discount Prices
On Everything Available in This Catalog

For premiums, sales promotions, educational and institutional needs. Quantity buyers and purchasing agents can get big savings off Cat. No. 419 "each" prices. Terms: NET 30 days, FOB Radio Shack store or warehouse nearest you. To order, call or visit your nearest Radio Shack.

DISCOUNTS TO BE TAKEN OFF SINGLE-PRICES
ITEMS MAY NOT BE ASSORTED

<table>
<thead>
<tr>
<th>Equipment</th>
<th>6-11</th>
<th>12-49</th>
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<td>Audio Components (Receivers, Amps, Tuners, Changers, Speakers, Headphones, Equalizers)</td>
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<td>Audio Accessories</td>
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<td>Auto Tape Players, Radios, Accessories</td>
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<td>Model 4/Tandy 1000/1400/3000/4000/6000 Computers</td>
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<td>Electronic Components</td>
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<tr>
<td>Electronic Games/Space Patrols</td>
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<td>10%</td>
<td>12%</td>
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<td>Intercoms</td>
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<td>Kits (Science Fair and ArcherKit)</td>
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<tr>
<td>Marine Transceiver</td>
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<tr>
<td>Microphones</td>
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<td>PA Equipment</td>
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<td>Phonos (Portables, Compacts)</td>
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<td>20%</td>
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<tr>
<td>Radar Detectors</td>
<td>10%</td>
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<td>20%</td>
<td>25%</td>
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<tr>
<td>Radios (Clock, Portable, Stereo, Novelty)</td>
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<td>12%</td>
<td>17%</td>
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<tr>
<td>Radio-Controlled Toys</td>
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<td>10%</td>
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<td>Scanners, Communication Receivers</td>
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<td>Security Devices</td>
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<td>12%</td>
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<td>25%</td>
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<td>Speakers (Unmounted)</td>
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<td>15%</td>
<td>20%</td>
<td>25%</td>
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<tr>
<td>Tape Recorders and Players</td>
<td>7%</td>
<td>12%</td>
<td>17%</td>
<td>20%</td>
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<td>Tape, Recording (Audio)</td>
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<td>15%</td>
<td>20%</td>
<td>25%</td>
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<tr>
<td>Telephones (Dialers, Answerers, Amps, Controllers)</td>
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<td>12%</td>
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<td>Telephone Accessories (279 series)</td>
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<td>7%</td>
<td>(See Store Manager for Quantities Over 20)</td>
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<td>Telephone, Pagers</td>
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<td>10%</td>
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<td>25%</td>
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<tr>
<td>Television, Video Cassette Recorders, Camcorders</td>
<td>5%</td>
<td>7%</td>
<td>10%</td>
<td>15%</td>
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<tr>
<td>TV/Video Accessories</td>
<td>—</td>
<td>10%</td>
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<tr>
<td>Test Equipment</td>
<td>10%</td>
<td>15%</td>
<td>20%</td>
<td>25%</td>
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<tr>
<td>Timers, Electrical Accessories, Flashlights, Clocks, Watches, Treasure Finders, Tools and Hardware</td>
<td>5%</td>
<td>7%</td>
<td>10%</td>
<td>20%</td>
</tr>
</tbody>
</table>

EXTENDED SERVICE PLAN
Available From Radio Shack

Radio Shack's commitment to SERVICE includes affordable buyer protection beyond the normal product warranty period. EXTENDED SERVICE PLANS are available for many of the products in our stores nationwide. Convenient and easy to start, these plans take the worry out of maintaining your equipment and offer owners the following major advantages:

- Parts and labor coverage extending our limited warranty to a total of 5 years in some cases
- Service performed by trained Radio Shack personnel in company-owned service centers and available through any one of over 7000 stores and dealers in all 50 states
- No unexpected repair costs—after warranty period, charges will be limited to a $5.95 shipping and handling charge (handling charge does not apply to computer products)

<table>
<thead>
<tr>
<th>Series</th>
<th>Eligible Equipment</th>
<th>Price</th>
<th>Years Coverage</th>
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<tr>
<td>13</td>
<td>Clarinette Music Systems</td>
<td>59.95</td>
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<tr>
<td>13</td>
<td>Rack Audio Systems</td>
<td>59.95</td>
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<td>14</td>
<td>SCT Cassette Decks</td>
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<td>14</td>
<td>SCR/Modulaire Portables</td>
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<tr>
<td>16</td>
<td>Video Cassette Recorders</td>
<td>49.95</td>
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<td>16</td>
<td>Camcorders</td>
<td>199.95</td>
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<td>16</td>
<td>Televisions</td>
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<tr>
<td>17</td>
<td>Cellular Telephones</td>
<td>199.95</td>
<td>3</td>
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<tr>
<td>20</td>
<td>Scanners</td>
<td>39.95</td>
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<td>21</td>
<td>CB Transceivers</td>
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<td>22</td>
<td>Radar Detectors</td>
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<td>25</td>
<td>Computer Equipment</td>
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<tr>
<td>26</td>
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<tr>
<td>31</td>
<td>Equalizers</td>
<td>39.95</td>
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<td>31</td>
<td>STA/SCR Series Receivers</td>
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<td>5</td>
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<tr>
<td>31</td>
<td>Rack Audio Systems</td>
<td>99.95</td>
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<tr>
<td>32</td>
<td>MPA PA Amplifiers</td>
<td>39.95</td>
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<tr>
<td>42</td>
<td>LAB Series Turntables</td>
<td>39.95</td>
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<tr>
<td>43</td>
<td>CD Compact Disc Players</td>
<td>59.95</td>
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<tr>
<td>43</td>
<td>TAD Answering Devices</td>
<td>39.95</td>
<td>3</td>
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<td>43</td>
<td>Corded Telephones (Current annual rate)</td>
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<td>43</td>
<td>Corded Telephones (Current annual rate) Cat. price below $50</td>
<td>39.95</td>
<td>3</td>
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<td>43</td>
<td>Corded Telephones (Current annual rate) Cat. price above $50</td>
<td>39.95</td>
<td>3</td>
</tr>
<tr>
<td>43</td>
<td>Cordless Telephones</td>
<td>49.95</td>
<td>3</td>
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</table>

* Carry-In and On-Site ESPs are available for Tandy/Radio Shack computer equipment. Ask your local store personnel for details. For more information and a free brochure, visit your local Radio Shack store. Ask how you can get an ESP for your next Radio Shack purchase.

EMPLOYMENT OPPORTUNITIES
Promising Careers in Sales and Sales Management!

If you have sales ability, desire to learn and are willing to work to achieve maximum results, learning to manage a Radio Shack retail store or Computer Center may be what you’ve been looking for. Thanks to our continuing growth, there are Sales and Manager Trainee opportunities in a number of major market areas.

Write Our National Headquarters for the Regional Office Nearest You!

PROFESSIONAL EMPLOYMENT
500 One Tandy Center, Fort Worth, TX 76102

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

Discount Prices and Terms Optional in Dealer/Franchise Stores—Discount Prices Subject to Change Without Notice
PROGRAMMABLE SCANNERS TUNE THE ACTION

The Ultimate in Radio Excitement!
Action listening! These easy-to-use Realistic scanner radios bring you the pulse of your community, the news as it happens. You’ll hear police and fire departments at work, ambulances, railroad and VHF marine communications, taxis, amateur radio, weather, government and business services. Models covering the 108-136 MHz (AM) band also let you monitor aircraft and aviation services. Scanners on this page offer Keyboard Entry of frequencies and have a memory to store favorite channels—you’ll never have to buy crystals. AC-powered scanners are UL listed. Mobile scanners operate on 12 VDC neg. gnd.

20 Channels, Eight Bands, AC Power

169.95
Low As $15
Per Month
ESP
Available

- Keyboard Access to Over 22,000 Frequencies
- LCD Readout Shows Frequency, Channel, Mode

(1) Realistic PRO-2011. Bands: 30-50 MHz VHF-Lo, 50-54 MHz ham, 138-144 MHz government, 144-148 MHz ham, 148-174 MHz VHF-Hi, 380-450 MHz gov/ham, 450-470 MHz UHF-Lo, 470-512 MHz UHF-Hi ("T"). 1/8" headphone jack. 2 x 9 5/8 x 7". 20-118

20 Channels, Air Band, AC Power

219.95
Low As $15
Per Month
ESP
Available

- Access to Over 23,000 Frequencies
- Priority
- Search
- Fluorescent Display
- Backup System

(2) Realistic PRO-2010. Coverage of above plus 108-136 (AM) aircraft band. Priority mode switches to your favorite channel whenever it is active. Search mode finds new or unpublicized channels. Special backup circuit preserves memory contents in case of brief AC power failure. 1/8" headphone jack. 2 x 9 1/2 x 7 1/8". 20-114

200 Channels, Air Band, AC/Mobile

319.95
Low As $16
Per Month
ESP
Available

- Access to 23,684 Frequencies
- Lighted Display
- Two-Speed Scan/Search
- Backup
- Tape-Out

(3) Realistic PRO-2021. Coverage of Fig. 2 with larger memory, search and priority modes. Scans all 200 channels or selectable "banks" of 20 channels. Jacks: 1/8" external speaker, RCA-type tape-out. 3 1/2 x 10 1/4 x 8". Memory backup requires 9V battery. 20-113

Our Best! 300 Channels, AC/Mobile

419.95
Low As $21
Per Month
ESP
Available

- Search and Priority Modes
- Lighted LCD Display
- Auto/Manual AM/FM-Narrow/FM-Wide Selection

(4) Realistic PRO-2004. Access to over 200,000 frequencies! Covers 25-520 MHz, 760-825 MHz, 852-869 MHz, 896-1300 MHz. Wide-FM for TV audio, FM broadcasts. AM mode for CB, VHF-air. Soft-touch keys. Special sound-squelch control prevents lockups on unmodulated carriers. Jacks: 1/8" headphone, 1/4" external speaker, RCA-type tape-out. 21 9/16 x 10 1/4 x 8 1/4 x 6". Memory backup requires 9V battery. 20-119

Extended Service Plan Available on Scanners / Prices Apply at Participating Radio Shack Stores and Dealers
PORTABLE PROGRAMMABLE SCANNERS

The Best! 200 Channels and Keyboard Access To 23,684 VHF and UHF Frequencies

299.95 Low as $15 Per Month* ESP Available

- 30-50 MHz VHF-Lo Band
- 50-54 and 144-148 MHz Ham
- 108-136 MHz (AM) Aircraft
- 138-144 MHz Government
- 148-174 MHz VHF-Hi Band
- 380-450 MHz Government/Ham
- 450-470 MHz UHF-Lo Band
- 470-512 MHz UHF-Hi ("T")

Monitor Police and Fire Departments, Taxis, Aircraft, Railroads, Government Agencies, Military and Other Services Wherever You Go

Realistic PRO-32. You'll catch all the action on this programmable scanner with extra features and extended frequency coverage—all in a hand-held size. Frequency-tracking front-end gives you top sensitivity on all bands. Scans up to 200 channels in 10 selectable "banks" or searches the frequency range you specify for new or unpublicized services. Frequencies you find during search can be stored in a special "monitor" bank for easy, 1-key transfer to permanent memory. Has selectable eight or four channels-per-second scan and search speeds. Two-second scan delay prevents missed replies and is individually selectable for each channel. Lockout key temporarily bypasses unwanted channels. Keyboard-lock switch prevents accidental entries as you move about.

LCD display shows channels and frequencies being scanned, monitored or programmed, channel status, and has a switchable backlight for night viewing. Priority feature automatically shifts to your favorite frequency whenever it is active. Any channel can be made the priority channel. Squelch control. Built-in speaker, 1/8" jack for earphone. Belt clip. Includes flexible antenna. BNC jack for adding external antenna. Requires 6 "AA" alkaline or rechargeable batteries, AC adapter #20-189 or car DC adapter #270-1560, plus 3 silver-oxide batteries #23-101 for memory backup. 20-133

199.95

Ten Channels With Lighted Display

Low as $15 Per Month* ESP Available

- 30-50 MHz VHF-Lo Band
- 50-54 and 144-148 MHz Ham
- 138-144 MHz Government
- 148-174 MHz VHF-Hi Band
- 380-450 MHz Gov./Ham
- 450-470 MHz UHF-Lo Band
- 470-512 MHz UHF-Hi ("T")

Realistic PRO-31. Extra-rugged and loaded with features! Gives you keyboard access to 22,563 frequencies in eight bands. Features frequency-tracking front-end, channel lockout key, switchable 2-second scan delay, keyboard-lock button. Special circuit preserves frequencies in memory while you change batteries. Built-in speaker, 1/8" jack for earphone. Belt clip. Includes flexible antenna. 7 3/8 x 2 1/2 x 1 3/8". Requires 6 "AA" alkaline or rechargeable batteries, AC adapter #20-189 or car DC adapter #14-844. 20-133

Ten Channels and 10-Band Coverage

139.95

Low as $15 Per Month* Available Sept. 30, 1987 ESP Available

- 29-29.7 MHz 10-Meter Ham
- 29.7-50 MHz VHF-Lo Band
- 50-54 and 144-148 MHz Ham
- 136-144 MHz Military Mobile
- 148-174 MHz VHF-Hi Band
- 406-420 MHz Government
- 420-450 MHz Ham Radio
- 450-470 MHz UHF-Lo Band
- 470-512 MHz UHF-Hi ("T")

Realistic PRO-38. High quality and extended coverage at a breakthrough low price! Features LCD channel display, review key to display frequencies, keyboard-lock switch, audible low-battery indicator. Built-in speaker, 1/8" jack for earphone. Belt clip. Includes flexible antenna. 6 3/4 x 2 1/2 x 1 3/8". Requires 6 "AA" or rechargeable batteries, AC adapter/charger or DC adapter #270-1533. 20-133

199.95

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**Two-Channel Portable Monitor/Receiver**

49.95

Available Nov. 30, 1987

Crystal Controlled

Realistic® PRO-27. Money-saving alternative if you only want to monitor one or two VHF-Hi and/or UHF channels. Especially useful for volunteer fire, security and emergency personnel. Built-in speaker, volume control, A/B channel switch and earphone jack. Includes belt clip and detachable flexible antenna. Requires one crystal for each channel (below). 4½ x 2¾ x 1⅛". Requires 9V battery. 20-108 49.95 Crystals. Specify channel frequency Each 4.98

**Portable* Scanner**

99.95

Realistic PRO-26. Automatically scans up to four channels on four bands—30-50 MHz VHF-Lo, 144-174 MHz VHF-Hi/Lo, 450-470 and 47-512 UHF-Hi/Lo. Features convenient scan-delay, individual channel lockouts, squelch control and built-in speaker. With belt clip. Requires one crystal for each channel (below). 7½ x 3¾ x 1½". Requires 4 "AAA" batteries. 20-107 99.95 Crystals. Specify channel frequency Each 4.98

**Ten-Channel, 5-Band Tabletop Scanner**

119.95

VHF-Hi/Lo, VHF-Ham UHF-Hi/Lo

Tune In the Excitement of Police, Fire, Railway, Taxicabs, National Weather Service Stations and Many Others

Realistic PRO-55. Let the action come to you! Scans continuously and automatically locks-on to active channels, then resumes scanning when conversation ends. Features two-second scan delay to prevent missing return calls, individual channel-lockout switches for temporarily bypassing unwanted channels. Squelch control assures noise-free monitoring. Covers 30-50 MHz VHF-Lo, 144-148 MHz VHF-Ham, 148-174 MHz VHF-Hi, 450-470 MHz UHF-Lo and 470-512 MHz UHF-Hi. Has LED channel indicators, built-in speaker, telescoping antenna, jacks for headphones and external antenna. Requires one crystal for each channel (above). 2½ x 10½ x 7¾". Requires UL listed AC. 20-124 119.95

**Antennas & Accessories for Even Better Reception**

1. Indoor VHF/Air/UHF Plug-In Antenna. Center-loaded. Extends from 16" to 40". Motorola-type plug. 20-161 9.95

2. VHF/Air/UHF Magnet-Mount Mobile Antenna. 16-ft. cable. Motorola-type plug. 20-018 26.95


4. VHF/Air/UHF Base Antenna. Accepts PL-259 connector. Cable extra (below). 20-014 29.95

5. Discone Antenna. Receives 25-1300 MHz. Also for transmitting on 144, 220, 440 and 1296 MHz Ham bands. 50 ohms. Rated 200W on bands listed. Fits up to 1½" dia. masts. 20-013 59.95

6. Coax Adapter: Adapts PL-259 connector to Motorola-type plug. 278-208 1.79

7. Coax Clips. For RG58/U. 20-192 Pkg. 10/79c

8. Coax Assembly. 52-chm cable. PL-259 connectors. 50-foot RG58/U. 278-971 11.95

9. Mono Headset. ¼", ⅛" plugs. 20-210 9.95

**“Police Call” Radio Guides**

7.95 Each

Available Through Your Local Radio Shack.

<table>
<thead>
<tr>
<th>Vol</th>
<th>States Covered</th>
<th>Cat. No.</th>
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<td>Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, Vermont</td>
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<td>Delaware, Maryland, New Jersey, Pennsylvania</td>
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<td>Illinois, Indiana, Kentucky, Wisconsin</td>
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<td>Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota</td>
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<td>6</td>
<td>District of Columbia, Florida, Georgia, North Carolina, South Carolina, Virginia, West Virginia</td>
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<td>Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, Texas</td>
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<td>Arizona, Colorado, Idaho, Montana, New Mexico, Nevada, Utah, Wyoming</td>
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<td>9</td>
<td>California, Oregon, Washington</td>
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</table>

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Tandy 1000 TX Technical Reference Manual. 25-1514 . . 39.95
TOTAL TV ENTERTAINMENT—STEREO SOUND!

Our Best! 19” Stereo Color TV/Monitor With Wireless Remote

- Special High-Contrast Screen
- Comb Filter
- Built-In Stereo Amplifier and Speakers
- Jacks for External Amplifier and Speakers
- Two Video and Two Stereo Audio Inputs
- Remote Switching for TV/Two Aux Sources

NEW FOR 88

499.95

Low As $25 Per Month*

ESP Available

Radio Shack High-Resolution TC-1001. Extra-versatile TV with a difference you can really see and hear. Comb filter system increases picture clarity and color purity. The high-contrast screen reduces reflections from room lighting. MTS stereo sound adds a new dimension to TV broadcasts. 140-channel cable-ready PLL tuner, scan memory, SAP for second-language/special audio. An “offset” control provides full compatibility with most cable systems. UL listed AC. 

SPECIFICATIONS: Horiz. Resolution: 320 lines. Inputs: 2 video, 2 stereo audio. 75 and 300-ohm RF. Outputs: video, audio L/main and R/SAP, external 4-8 ohm speakers, "V" jack for stereo headphone. Remote Controls: power on/off, 10-key channel selector, channel up/down, volume up/down, mute, TV/video 1/video 2, SAP/main, TV/CATV. Included Accessories: clip-on audio reflectors, VHF and UHF indoor antennas. Size: 18½ x 19½ x 2". Remote requires 2 "AA" batteries.

Add MTS Stereo, Remote Control and Cable-Ready Tuning to Any TV Set

Save $19.90

Reg. Separate Items 319.85 299.95

With Speakers

Low As $15 Per Month*

ESP Available

Realistic TV-200 Stereo-TV Receiver. Adds sensational MTS stereo, full-function remote control and 140-channel cable-ready tuning to the TV you already have! Wireless remote lets you turn set on/off, tune directly to channels, scan memory channels, add or delete memory channels, fine-tune, select antenna or cable TV, adjust or mute volume, even switch to SAP/second-language audio. Has speaker output, RF output for TV, and line-level audio output for stereo system. Two video outputs let you connect a VCR and/or video monitor. 2½ x 12½ x 8½. UL listed AC.

16-1283 ............... Receiver Alone 219.95

Minimus-7 Speakers. See page 25. 40-2030 ...... Alone, Each 49.95

Add MTS Stereo and SAP to Any TV

Save $23.90

Reg. Separate Items 173.85 149.95

With Speakers

Low As $15 Per Month*

ESP Available

Realistic TV-100. Not an adapter! This is a complete VHF/UHF stereo TV-sound receiver that easily connects to your present TV. You'll enjoy the amazing difference of stereo and second-language/special audio when available. Receiver has line-level audio outputs so you can also connect it to your stereo system and/or VCR. A built-in stereo synthesizer adds simulated stereo effects to monaural broadcasts and tapes. Lighted tuning dial, ¼" stereo headphone jack. 2½ x 12½ x 8½. UL listed AC.

16-1284 ............... Receiver Alone 139.95

Minimus-2.5 Speakers. TV compatible. 40-1999 ....... Alone, Each 16.95

Screen Sizes Measured Diagonally. Simulated Reception Shown
### HIGH-PERFORMANCE RADIO SHACK TVs

#### 19” Cable-Ready Color TV/Monitor with Wireless Remote

- High-Contrast Screen
- Auto Fine-Tuning
- Remote Timer Turns Set Off Automatically
- “Flashback” Tunes to Previous Channel
- Audio Input/Output and Video Input/Output
- Remote Switching for TV and Aux Source

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screen</td>
<td></td>
</tr>
<tr>
<td>High-Contrast Screen</td>
<td></td>
</tr>
<tr>
<td>Auto Fine-Tuning</td>
<td></td>
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<tr>
<td>Remote Timer</td>
<td></td>
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<tr>
<td>Flashback</td>
<td></td>
</tr>
<tr>
<td>Audio Input/Output</td>
<td></td>
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<tr>
<td>Video Input/Output</td>
<td></td>
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<tr>
<td>Remote Switching</td>
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</tbody>
</table>

**Radio Shack TC-1010.** The perfect full-size set for the bedroom—or any room where you want extra convenience and versatility. New high-contrast screen reduces reflections from room lighting. Remote-control sleep timer lets you program the set to shut off automatically up to 90 minutes later. The 20-key remote control also lets you tune directly to channels, scan channels, adjust and mute volume, select TV or aux video source, and “flashback” to your previous channel. The 110-channel PLL tuner has a TV/CATV switch and “offset” control for compatibility with virtually all cable-TV systems. UL listed AC. 16-260

*ESP Available*

**Inputs:** 75 and 300-ohm RF, video, audio. **Outputs:** video, audio. **Size:** 18½ x 19¼ x 18¼”. **Included Accessories:** VHF and UHF indoor antennas. Remote requires 2 “AAA” batteries.

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#### 13” Remote-Control Color TV

- High-Contrast Screen

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td>Screen</td>
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</tr>
<tr>
<td>High-Contrast Screen</td>
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</tbody>
</table>

**Radio Shack TC-171.** 110-channel cable-ready tuner. Remote has scan memory programming, sleep timer, “flashback.” With VHF and UHF indoor antennas, TV/CATV and “offset” controls. 12½ x 14¼ x 14½”. UL listed AC. Remote requires 2 “AAA” batteries.

**699.95**

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#### Value-Packed 13” Color TV

- High-Contrast Screen

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>Screen</td>
<td></td>
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<tr>
<td>High-Contrast Screen</td>
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</tbody>
</table>

**Our lowest priced color TV features rapid-on picture and sound plus one-touch fine-tuning and new anti-reflection screen. Includes VHF and UHF indoor antennas. 13 x 18 x 14¾”.** UL listed AC. 16-238

*ESP Available*

**249.95**

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#### 4½” TV With AM/FM Stereo and Cassette

- The “Everything” Portable

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screen</td>
<td></td>
</tr>
</tbody>
</table>

**Black-and-white TV, AM/FM stereo radio and cassette recorder/player. Tapes directly from radio/TV-sound or “live” with built-in mikes. Dual 2-way speakers. Telescoping antenna, terminals for external TV antennas. Jacks: ¼” headphone, ¼” external mikes. 6¾ x 19¾ x 6¾”. UL listed AC (or 10 “D” batteries or DC adapter, extra).** 16-109

*ESP Available*

**219.95**

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#### 5” AC/DC Color TV/Monitor

- Batteries
- Home AC
- Car DC

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screen</td>
<td></td>
</tr>
<tr>
<td>Batteries</td>
<td></td>
</tr>
<tr>
<td>Home AC</td>
<td></td>
</tr>
<tr>
<td>Car DC</td>
<td></td>
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</tbody>
</table>

**Take-anywhere TV with audio/video input jacks—it’s ideal for use as a home or portable monitor. Earphone jack. Includes UL listed AC adapter, DC cord, whip antenna. 5½ x 5½ x 10¾”. Requires 9 ”D” batteries for portable use.** #16-108, 319.95

**ESP Available**

**319.95**

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#### 5” TV With AM/FM Radio and Cassette

- All-in-One Combo

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Screen</td>
<td></td>
</tr>
<tr>
<td>All-in-One Combo</td>
<td></td>
</tr>
</tbody>
</table>

**Black-and-white TV, AM/FM radio and cassette recorder/player.**

**159.95**

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**Screen Sizes Measured Diagonally. Simulated Reception Shown**
<table>
<thead>
<tr>
<th><strong>Pocket TV With 2.5” LCD Screen</strong></th>
<th><strong>5” TV With 3-Way Power</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>99.95</strong></td>
<td><strong>99.95</strong></td>
</tr>
<tr>
<td><strong>Low As $15 Per Month</strong></td>
<td><strong>Low As $15 Per Month</strong></td>
</tr>
<tr>
<td>- ESP Available</td>
<td>- ESP Available</td>
</tr>
<tr>
<td>- Built-In Speaker</td>
<td>- Plays on AC, 12VDC or Batteries</td>
</tr>
<tr>
<td>- Earphone Included</td>
<td></td>
</tr>
</tbody>
</table>

Fold-open liquid crystal screen gives you a clear, detailed picture that won’t wash out even in bright sunlight. Backlight hood for dim light. Volume, tuning and brightness controls. 1 1/2” x 4 3/4” x 2 3/4” With carry case. Requires 4 “AAA” batteries or AC or DC adapter. 16-155 ...................... 99.95

Features slide-action controls for volume, brightness and contrast, 3” speaker, 1/8” headphone jack. 4 1/2” x 7 3/4” x 10 1/4” UL listed AC adapter, 12VDC neg. gnd. cord, (or 9 “D” batteries, extra). 16-114 ...................... 99.95

<table>
<thead>
<tr>
<th><strong>Pocket-Size TV With 3.5” LCD Screen</strong></th>
<th><strong>5” TV With AM/FM/FM Stereo Radio</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>159.95</strong></td>
<td><strong>119.95</strong></td>
</tr>
<tr>
<td><strong>Low As $15 Per Month</strong></td>
<td><strong>Low As $15 Per Month</strong></td>
</tr>
<tr>
<td>- ESP Available</td>
<td>- ESP Available</td>
</tr>
<tr>
<td>Video Input Lets You Monitor a Portable VCR</td>
<td>Enjoy FM Stereo With Optional Headphones</td>
</tr>
</tbody>
</table>

Delivers a vivid picture that won’t wash out in sunlight. Snap-on backlight hood for dim-light viewing. Rotary volume, tuning and brightness controls. Built-in speaker. 7/8” x 5 3/4” x 3 3/4”. With earphone, carry strap and case. Requires 4 “AAA” batteries or AC or DC adapter. 16-156 ...................... 159.95

Enjoy TV shows plus radio entertainment. Three-way power, built-in 3 1/2” monaural speaker, 1/8” stereo headphone jack. 5 15/16” x 9” x 10 7/8”. UL listed AC or 12VDC neg. gnd. (or 9 “D” batteries, extra). 16-113 ...................... 119.95

<table>
<thead>
<tr>
<th><strong>Amazing 4” Flat-Screen TV</strong></th>
<th><strong>Mobile 5” TV for Camper, Car or Van</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>179.95</strong></td>
<td><strong>79.95</strong></td>
</tr>
<tr>
<td><strong>Low As $15 Per Month</strong></td>
<td><strong>Low As $15 Per Month</strong></td>
</tr>
<tr>
<td>- ESP Available</td>
<td>- ESP Available</td>
</tr>
<tr>
<td>Direct-View Flat Screen Provides Outstanding Picture Resolution</td>
<td>Plugs Into Lighter Socket</td>
</tr>
<tr>
<td></td>
<td>3” Speaker • Earphone</td>
</tr>
</tbody>
</table>

You get the same well-defined picture as regular-size sets in a hand-size package. Video input for monitoring a portable VCR. Reliable all-electronic tuner, rotary volume and tuning controls. External antenna jack. 8 7/8” x 4 3/4” x 3”. Includes earphone and carry case. UL listed AC adapter (or 4 “C” batteries or DC adapter, extra). 16-116 . . . . . 179.95

Rugged set is specially built for use in any 12VDC neg. gnd. vehicle. Add our ENERCELL® Rechargeable Power Pack (page 149) for portable use. With 75 to 300-ohm signal splitter, 6-foot power cord. 4 3/4” x 5 3/4” x 6 3/4”; 12 VDC neg. gnd. only. 16-115 ...................... 79.95

<table>
<thead>
<tr>
<th><strong>9” Portable for Home or Vehicle</strong></th>
<th><strong>Mobile VHF/UHF Dipole TV Antenna</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>99.95</strong></td>
<td><strong>29.95</strong></td>
</tr>
<tr>
<td><strong>Low As $15 Per Month</strong></td>
<td><strong>Outperforms Built-In Portable TV Antennas</strong></td>
</tr>
<tr>
<td>- ESP Available</td>
<td></td>
</tr>
<tr>
<td>- Plays on AC or 12 VDC</td>
<td></td>
</tr>
<tr>
<td>- Built-In 2 1/2” Speaker</td>
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</tbody>
</table>

Just right for bedroom, kitchen or den. DC power cord also makes it neat for entertaining kids in the car. Rotary tuning and volume controls. Contrast, vertical and horizontal-hold controls. Carrying handle. 8 3/16” x 12 3/16” x 9 3/4”. UL listed AC or 12VDC neg. gnd. 16-241 ...................... 99.95

Enjoy improved reception of VHF channels 2 to 13 and UHF channels 14-83, while traveling in car, truck, van or limo. Loaded fiberglass elements provide reception from all directions. Includes mounting hardware and instructions for easy installation. 12-1609 ...................... 29.95

Prices Apply at Participating Radio Shack Stores and Dealers / Screen Sizes Measured Diagonally / Simulated Reception
**SUPER SELECTION OF INDOOR ANTENNAS**

<table>
<thead>
<tr>
<th>Amplified FM Stereo Antenna</th>
<th>Amplified VHF/UHF And FM Antenna</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>29.95</strong></td>
<td><strong>42.95</strong></td>
</tr>
<tr>
<td>Boosts Signal Up to 6 dB</td>
<td>Color Supreme V, Our best indoor TV antenna. &quot;Cleans up&quot; TV and FM stereo signals. Features 12-position fine-tuning and rotary antenna knob for best reception. Loop with deflector/reflector optimizes load. Normal/boost switch prevents overload. UL listed AC.</td>
</tr>
<tr>
<td>15-821</td>
<td>15-1830</td>
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</tbody>
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<table>
<thead>
<tr>
<th>UHF/VHF/FM With Phasing Control</th>
<th>UHF/VHF/FM With Rotating Elements</th>
</tr>
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<tbody>
<tr>
<td><strong>29.95</strong></td>
<td><strong>24.95</strong></td>
</tr>
<tr>
<td>Excellent for &quot;Problem&quot; Areas</td>
<td>Color Supreme II. Pulls in better color and black and white than built-ins. UHF control (for channels 14-83) lets you rotate the antenna element for best signal, without moving antenna base. Improves FM reception.</td>
</tr>
<tr>
<td>15-1824</td>
<td>15-1816</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>TV/FM Antenna</th>
<th>UHF/VHF Indoor</th>
<th>Deluxe UHF/VHF</th>
<th>Budget UHF/VHF</th>
<th>VHF Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>19.95</td>
<td>14.95</td>
<td>9.95</td>
<td>7.95</td>
<td>3.99</td>
</tr>
<tr>
<td>Phasing Switch Cuts &quot;Snow&quot;</td>
<td>Sharpens Color And B&amp;W Picture</td>
<td>Multi Position Fine Tuning</td>
<td>With Fine Tuning Control</td>
<td>For TV Channels 2 Thru 13</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UHF Bow-Tie</th>
<th>Back-of-Set VHF</th>
<th>FM Antenna</th>
<th>Rod and Bow Tie</th>
<th>UHF Loop</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.95</td>
<td>5.99</td>
<td>11.95</td>
<td>2.99</td>
<td>1.19</td>
</tr>
<tr>
<td>Twin Gold Colored Elements</td>
<td>Easy to Install</td>
<td>Enhances FM Stereo</td>
<td>VHF Rod, Telescoping, 38&quot; long.</td>
<td>Swivel to Adjust</td>
</tr>
</tbody>
</table>

*For TV Channels 2 Thru 13*

There's a Radio Shack Store or Dealer Near You—Wherever You Are
ANTENNAS FOR ALL RECEPTION AREAS

HIGH-DEFINITION/STEREO-CERTIFIED

Color Supreme Plus

THREE ANTENNAS IN ONE!  VHF  UHF  FM

VU-190
89.97

VU-160
69.97

VU-120
56.97

VU-90
35.97

VU-75
26.97

VU-60
17.97

High Tensile-Strength Aluminum for Long Life

UHF Yagi and Corner Reflector Combination

Strong Square Boom With "No-Tilt" Clamp

Snap-Open Elements For Easy Installation

Air-Insulated Multiple Drive System

Heavy-Duty, High-Impact Molded Insulators

There's a Color Supreme Plus Just Right For Your TV and FM Reception Area

<table>
<thead>
<tr>
<th>Archer Model</th>
<th>Range in Miles</th>
<th>Boom Length</th>
<th>No. of Elements</th>
<th>Cat No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>VU-190</td>
<td>190</td>
<td>120</td>
<td>100</td>
<td>160&quot;</td>
</tr>
<tr>
<td>VU-160</td>
<td>160</td>
<td>100</td>
<td>100</td>
<td>140&quot;</td>
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<tr>
<td>VU-120</td>
<td>120</td>
<td>90</td>
<td>90</td>
<td>120&quot;</td>
</tr>
<tr>
<td>VU-75</td>
<td>90</td>
<td>70</td>
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<td>100&quot;</td>
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<tr>
<td>VU-90</td>
<td>90</td>
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<tr>
<td>VU-60</td>
<td>60</td>
<td>40</td>
<td>40</td>
<td>50&quot;</td>
</tr>
</tbody>
</table>

*Estimated Ranges, Based on Reception Over Flat and Open Terrain—Masts Not Included
ARCHER® ANTENNAS VISIBLE IMPROVE TV

Especially Engineered for UHF-TV
- Gold-Alodized Protective Finish
- Preassembled—Simply Snap Open

U-120 Corner Yagi—Up to 120 Miles*. Has 33 elements, 100" square boom. 60° "Swept-Wing" reflectors focus signal.
15-1662 .......................... 34.95
U-100 Corner Yagi—Up to 100 Miles*. Has 25 elements, 80" square boom. "Swept-Wing" design. 15-1661 ............... 23.95
U-75 Corner Yagi—Up to 75 Mlles*. Has 16 Elements and a 40" boom. "Swept-Wing" design. 15-1660 .......................... 16.95
Multi-Bay—Up to 70 Mlles*. Boom is 30" long. Preassembled.
15-1627 ......................... 11.95

For the Finest VHF-TV and FM Reception
Tuned for VHF-TV and FM only, these antennas offer outstanding reception and value! Air-insulated, multiple-drive system and 60° "Swept-Wing" design improve signal pickup. Preassembled with snap-open, self-locking elements.

<table>
<thead>
<tr>
<th>Archer Model</th>
<th>Range in Miles*</th>
<th>Boom Length</th>
<th>No. of Elements</th>
<th>Cat. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-185</td>
<td>VHF 185, FM 110</td>
<td>160&quot;</td>
<td>34</td>
<td>15-1654</td>
</tr>
<tr>
<td>V-110</td>
<td>VHF 110, FM 80</td>
<td>80&quot;</td>
<td>14</td>
<td>15-1652</td>
</tr>
</tbody>
</table>

For the Finest VHF-TV and FM Reception

Aim Your Antenna With an Archerotor® To Capture the Best Signal/Reception
Pick Up Broadcasts From Out of Town
Brake-Action Locks Antenna In Place
Ideal for problem reception areas! Remote control precision aims your antenna for the strongest, clearest signal from every station within range. Minimizes ghosts and interference. Indicator on remote control shows antenna direction. Fits 1½" to 2½" dia. masts. UL listed AC. Requires 3-conductor cable below. 15-1225 .......................... 59.95

Amplified TV/FM Antenna for Home/Travel
49.95
Get Crystal Clear TV Even in Difficult Reception Areas
Built-in preamp helps clean up weak signals and snow by boosting UHF gain up to 25 dB and VHF up to 20 dB. Pulls in stations up to 90 miles away. With mounting hardware, VHF/UHF signal splitter. UL listed AC (or DC adapter, extra).
15-1611 .......................... 49.95
DC Adapter. 270-1534 ............... 4.99

Mobile VHF/UHF Antenna
29.95
Mounts on Gutter
Heavy-Duty Loaded Fiberglass Dipoles
Enjoy your favorite TV shows while traveling in car, limo, truck or van. Designed for clear reception of TV channels 2-83. Outperforms built-in antennas of TV portables. Easy and quick to install. With mounting hardware and illustrated installation instructions. 15-1609 .......................... 29.95

*Estimated Ranges, Based on Reception Over Flat and Open Terrain—Masts Not Included
ANTENNA ACCESSORIES FOR CLEARER PICTURES

(1) VHF/UHF 300-Ohm Foam Cable. Our best! Excellent for all weak-signal and "problem" reception areas, and for those who want superior performance. Has 20-gauge copper and dense polyethylene jacket. 50-Foot. 15-1174 ........................................... 4.95 100-Foot. 15-1175 ........................................... 8.95


(3) 8-Foot Twin-Lead Cable. Dual spade lugs attach easily from splitter to VCR or stereo. 300 ohms. 15-1532 ........................................... 2.19

(4) Shielded VHF-UHF Foam Coax Cable Assemblies. Low-loss with interference-rejecting shielding. Use with 75-ohm to 300-ohm matching transformers. F-56 connectors. 50-Foot. 15-1526 ........................................... 8.95 100-Foot. 15-1527 ........................................... 14.95

(5) Aluminum Ground Wire. Low-cost protection against static build-up. A must for all rooftop antenna installations. You get 40 feet of 8-gauge wire. With ground rod (Fig. 8, below). 15-035 ........................................... 2.19

(6) Antenna Discharge Unit. Protects against static build-up. For TV and FM rooftop antennas. Solderless connection. 300 ohms. With mounting hardware. UL listed. 15-910 ........................................... 3.29

(7) Coax Spike Protector. Gas-discharge tube protects TV/FM and video equipment against static build-up and fast voltage surges in 75-ohm coax cable. Plugs into grounded 3-prong AC outlet, uses the ground lug. Fuse protected. 15-908 ........................................... 9.95

(8) Ground Rod. Provides low-resistance path to ground for static electricity that builds up. Necessary protection for all TV and FM rooftop antenna installations. Copperplated for maximum conductivity. 15-530 ........................................... 2.99

(9) Grounding Block. Prevents static build up in 75-ohm TV or FM antenna downleads. Handy hookup terminal. 15-909 ........................................... 2.29

(10) TV/FM Antenna Clips. Instant, solderless connection and disconnection of 300-ohm downlead at back of set. Insulating plastic handles, screw terminals. Excellent for temporary connections or service work. 15-832 ........................................... Set of 2 2/96

(11) Ten Coax Nail Clips. A low-cost way to get a neat, professional installation. Insulated nails have weather-resistant clips to secure 75-ohm RG59 coaxial cable. Handy for fastening coax along baseboards. 20-192 ........................................... 79c

(12) "Wall-Thru" Lead-In Tube. Makes it easy to run TV/FM stereo or cable downleads through walls up to 13" thick. Special grommet seals out moisture and weather. One of the handiest installation aids available. 15-1200 ........................................... 2.19


TV/FM Wall Plates, Plugs, Power Cords, Connectors and More

(14) TV Power Cord. Standard 6-foot AC cord, 18-gauge, 2-conductor. UL listed AC. 15-011 ........................................... 1.29 Polarized Plug TV Power Cord. As above, but with polarized AC plug. 15-012 ........................................... 1.29

(15) Remote On/Off Switch. Control TV or appliances from up to 15 feet away. Six amps maximum current. UL listed AC. 15-1160 ........................................... 3.99


(17) Wall Plate for 75-ohm Coax. 15-1190 ........................................... 3.69

(18) Wall Plate for 75-Ohm Coax and 5-Wire Rotor. With plugs, hardware. 15-1181 ........................................... 4.69

(19) Baseboard Mount for 75-Ohm Coax. Includes mounting hardware. 15-1182 ........................................... 3.99

(20) Woodgrain Wall Plate for 75-Ohm Coax. Includes mounting hardware. 15-1183 ........................................... 3.99

(21) Wall Plate for Dual 75-Ohm Coax Cables. 15-1184 ........................................... 3.99

(22) Flush-Mount Wall Plate. For one 300-ohm lead. With bracket, plugs. 15-1186 ........................................... 1.99 Surface-Mount. 15-1189 ........................................... 1.89

(23) Flush-Mount TV/Rotor Wall Plate. For 5-wire rotor and two 300-ohm downleads. With plugs, hardware. 15-1179 ........................................... 3.19

(24) TV Wall Receptacle Plugs. Mate with all surface or flush sockets. 15-1178 ........................................... Set of 2 2/96

(25) Surface-Mount Universal Socket With Mating Plug. 300 ohms. ¾" x ¾" x ¾". 15-1192 ........................................... 99c

(26) Polarized TV/FM Connectors. Prevent polarity reversal when splicing. 300 ohms. 15-1199 ........................................... 99c

(27) TV/FM Plug & Socket. 15-1198 ........................................... 99c

Switches for Computer and TV Video Games

(28) 300-Ohm TV Switch. Permits using video games/computers with your TV without reconnecting. For 300-ohm antenna line/TV input. 15-1255 ........................................... 3.99

(29) 300/75-Ohm Antenna Input Switch. Has 300-ohm TV output. For use with coax and 300-ohm antenna-type systems. 15-1269 ........................................... 3.99

(30) 300/75-Ohm Signal Splitter Switch. Provides 300-ohm output for UHF, 75-ohm output for VHF. Built-in signal splitter, low signal loss. 15-1268 ........................................... 5.49

Add Sets or Combine Leads With Splitters and Couplers

(31) Two-Set Indoor Coupler. Drive two TV or FM sets from one antenna. 300 ohms. 15-1501 ........................................... 2.29

(32) Two-Set Indoor/Outdoor Coupler. Combines two antennas for one 300-ohm downlead. 15-1135 ........................................... 3.95

(33) Indoor Splitter. Splits UHF/VHF/FM outputs from one 300-ohm downlead. 15-1138 ........................................... 3.99

Radio Shack—A 67-Year Tradition of More for Your Money in Quality Electronics
### Chimney and Roof Mast Mounts

1. **Chimney Ratchet Mount.** Two stainless steel straps, each 3/4" x 18 foot. For all masts with 1" to 1 1/4" diameter. With instructions. 15-839 12.95
2. **Corner Mounts.** Two Y-mounts 15-839 12.95
3. **Chimney “Z” Mounts.** Secures mast to chimney. Set of two, each with 5/8" x 10-foot galvanized steel strap. Rust resistant. With instructions. 15-476 8.95
4. **Strap Kit.** Two 25-foot stainless steel straps for replacement or add-on use. 15-801 10.95
5. **3-Foot Tripod Mount.** Recommended for all areas having frequent, strong winds. Fits slope of most roofs. Fully preassembled. Accepts mast up to 1 1/4" diameter. 15-516 14.95
6. **Base and Roof Mount.** Mast locks into exclusive-design U-bolt. Swivel base will accommodate the slope of virtually any roof. Heavy-gauge steel construction. With instructions. 15-893 4.95
7. **Vent Pipe Mount.** An alternative to chimney mounting. Attach brackets to vent pipe, then clamp mast into place. Attaches to 2" to 5" vents. Heavy-duty steel construction. With all mounting hardware and instructions. 15-889 5.95
8. **Wall Mounts.** Secures mast 4" away from wall. Galvanized steel resists rust for years. With instructions. (Must be guyed for roof and window mounts.) 15-885 Pair 8.95
9. **Eave Mount for Hanging Rafters or Trim Boards.** Installs with only four lag bolts (included). 15-891 8.99
10. **4" Wall Mounts.** Holds mast 4" out from wall. Galvanized steel resists rust for years. 15-886 Pair 8.99
11. **Mast Anchor (Universal Mount).** For up to 1 1/2" diameter masts. Fully preassembled. Accepts mast up to 1 1/2" diameter. 15-887 2.29
12. **Guy Wire Mast Clamp.** Clamp and guy ring provide firm support. Interlocks won't pull out, slip, twist or shake! For attic or smaller antennas. 15-844 4.19

### Light-Duty Mast

- **5-Foot.** 20-gauge steel with golden enamel finish to help resist corrosion. For attic or smaller antennas. 15-844 4.19

### Telescoping Antenna Masts

- **16 and 18-Gauge Hot-Dipped Galvanized Steel Construction**
- **Helps Your Antenna Pull-In Out-of-Town Stations**

### Guy Wire and Hardware

<table>
<thead>
<tr>
<th>Fig.</th>
<th>Description</th>
<th>Cat. No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>50-Foot Galvanized Wire</td>
<td>15-030</td>
<td>1.19</td>
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<tr>
<td>14</td>
<td>100-Foot Galvanized Wire</td>
<td>15-031</td>
<td>2.19</td>
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<td>15</td>
<td>40-Foot Plastic-Coated Wire</td>
<td>15-032</td>
<td>4.29</td>
</tr>
<tr>
<td>16</td>
<td>3 Guy Wire Anchors</td>
<td>15-825</td>
<td>7.99</td>
</tr>
<tr>
<td>17</td>
<td>2 Guy Wire Turnbuckles, 6” Open, 4” Closed</td>
<td>15-829</td>
<td>1.49</td>
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</tbody>
</table>

### Standoff Insulators

<table>
<thead>
<tr>
<th>Fig.</th>
<th>Description</th>
<th>Cat. No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>4 3/8” Wood Screw</td>
<td>15-653</td>
<td>.79</td>
</tr>
<tr>
<td>23</td>
<td>4 6/8 Wood Screw</td>
<td>15-654</td>
<td>.79</td>
</tr>
<tr>
<td>24</td>
<td>3 Masonry Type</td>
<td>15-620</td>
<td>.79</td>
</tr>
<tr>
<td>25</td>
<td>2 Nail-In Type</td>
<td>15-621</td>
<td>.79</td>
</tr>
<tr>
<td>26</td>
<td>2 Snap-Grip Type</td>
<td>15-622</td>
<td>.79</td>
</tr>
</tbody>
</table>

### Base and Mount

- **36-Foot Mast.** One 16-gauge, one 18-gauge sections. 15-5067 49.95

**Shop Your Nearby Radio Shack for Everything in TV and Video Accessories**
## PROBLEM-SOLVING TV, VCR & FM ACCESSORIES

### Four-Way 75-Ohm Distribution Amp
- **New for $88**
- **29.95**
- Cuts signal loss caused by sharing signal among several TV sets or long antenna-cable runs. Gain is adjustable over 10 dB range. Trap minimizes FM interference. All connectors are 75-ohm "F" type. Indoor use only. UL listed AC. 15-1125.. 29.95

### VHF/UHF/FM Hi-Gain Signal Amplifier
- **New for $88**
- **34.95**
- Remotely Controlled FM Trap Cuts Interference
- Outdoor amp is mast-mounted near antenna to capture the purest, strongest signal. A single 75-ohm coax downlead (extra) carries signal and DC power. Split amplification greatly increases overload capacity. Gain is adjustable over a 10 dB range. Input/output 75-ohm "F" connectors. UL listed AC. 15-1108 34.95

### Indoor FM Signal Booster
- **New for $29.95**
- For 75-Ohm Line
- Cuts interference from strong FM stations on your TV or VCR reduce "herringbone" pattern. 15-1114 2.95

### VCR/TV/FM Filter
- **3.95**
- Cuts CB/Ham interference
- High-pass LC (inductive capacitive) filter installs inline at 75-ohm coaxial input of VCR, TV or FM. 15-1117 . . . 3.95

### Coaxial Inline FM Trap
- **2.95**
- For 75-Ohm Line
- Cuts interference from strong FM stations on your TV or VCR to reduce "herringbone" pattern. 15-1114 . . . 2.95

### 75-Ohm Attenuator
- **5.49**
- Cuts Signal Overload
- Reduces strong signal overload on your TV or VCR. Connects inline to coaxial cable. Variable. 15-1114 . . . 5.49

### 300-Ohm Attenuator
- **6.95**
- Reduces Ghost Images on TV
- Cuts signal overload on your TV/VCR. Connects inline to 300-ohm lead. Variable. 15-581 . . . 6.95

### AC Interference Filter
- **7.49**
- Reduces most annoying electrical appliance interference for a cleaner picture. UL listed AC. 15-1111 . . . 7.49

### Transformer/Splitter
- **4.99**
- Mounts on Back of Set
- Input of 75-ohm, shielded coax cable from antenna or VCR. Provides three 300-ohm outputs to VHF, UHF and FM. For indoor use only. 15-1139 . . . 4.99

### Hybrid Splitter Combiners
- **3.95**
- Low As 75-Ohm
- Splits coax cable to two UHF/VHF outputs. "F" connectors. Reversible. 15-1141 . . . 3.95

### Matching Transformer
- **2.95**
- Designed for TV and VCR
- Provides 75-ohm output from 300-ohm input, or reverse. Push-on "F"-type connector. 15-1253 . . . 2.95

### TV/FM Noise Filter
- **5.95**
- Reduces CB/Ham interference. Attaches to 300-ohm terminals. 15-582 . . . 5.95

### AC WE Filter
- **1.99**
- Reduces or eliminates appliance or neon light interference. Attaches to 300-ohm terminals. 15-582 . . . 1.99

### TV Coaxial Cable Assemblies, Connectors and Adapters

1. **(1) 75-Ohm Coax. Screw-on male "F" connector at each end.**
   - 16-Foot. 15-1531 . . . 4.79
   - 25-Foot. 15-1534 . . . 5.99
2. **(2) 75-Ohm Coax Cable. Push-on male "F" connector at each end.**
   - 4-Foot. 15-1529 . . . 2.79
   - 8-Foot. 15-1530 . . . 3.49
3. **(3) 8-Foot, 75-Ohm Coax. Male "F" connector to Motorola-type plug. 15-1528 . . . 3.49
4. **(4) 6-Foot, 75-Ohm TV/VCR Cable. Push-on "F" connectors at each end. 15-1536 . . . 2.99
5. **(5) Female "F" Screw-On to Male "F" push-on, 278-218 . . . 1.19
6. **(6) F-81 Coupler. Female "F" connectors at each end. 278-213 . . . 89c
7. **(7) Right-Angle "F" Connector. 278-221 . . . 1.69
8. **(8) Male "F" to Male "F" Connector. 278-219 . . . 1.69
9. **(9) Female "F" to Miniplug (¼") Adapter. 278-257 . . . 1.79
10. **(10) 300-Ohm to 75-Ohm Miniplug (¼") Adapter. 15-1148 . . . 1.49

---

Radio Shack Has the Best Selection of Accessories for TVs and VCRs
### ADD-ONS FOR BETTER TV & VCR HOOKUPS

#### Terminators, DC-Block, Attenuators and Switches

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>(5) Terminating Resistors</td>
<td>&quot;F&quot;-type, 1/2 watt, 75 ohms. Terminates unused outputs of splitters, coax wall plates and distribution amps to prevent interference and ghosts. Pkg. of 2 for $9.95</td>
<td>1.49</td>
</tr>
<tr>
<td>(6) 75-Ohm DC Block</td>
<td>Protects against DC voltages from line-powered equipment. 15-1259</td>
<td>1.99</td>
</tr>
<tr>
<td>(7) Inline 6 dB Attenuator</td>
<td>75 ohms. &quot;F&quot; female connector on each end. Reduces interference caused by excessive signal strength. 15-1258</td>
<td>1.99</td>
</tr>
<tr>
<td>(8) Inline 6dB Attenuator</td>
<td>As above, but with &quot;F&quot; male to &quot;F&quot; female connectors. 15-1257</td>
<td>1.99</td>
</tr>
<tr>
<td>(9) NEW! Mini A/B Video Switch</td>
<td>One 75-ohm input, two 75-ohm outputs. Switches one antenna between two TV sets. Reversible. 15-1247</td>
<td>4.95</td>
</tr>
<tr>
<td>(10) VCR/TV/FM Switch</td>
<td>Two switchable 75-ohm inputs, one 300-ohm output. Switches TV set between antenna and VCR. Reversible. 15-1250</td>
<td>4.95</td>
</tr>
<tr>
<td>(11) A/B High Isolation Video Switch</td>
<td>With 75-ohm output, two switchable 75-ohm inputs. Reversible. 15-1249</td>
<td>6.95</td>
</tr>
<tr>
<td>(12) A/B/C Video Switch</td>
<td>Allows one 75-ohm input/output to be connected to any one of three 75-ohm lines at the push of a button. Select TV antenna, cable TV or video player. Reversible. 15-1256</td>
<td>7.95</td>
</tr>
<tr>
<td>(13) A/B/C High Isolation Video Switch</td>
<td>Pushbutton switch with 75-ohm output and three 75-ohm inputs. Reversible—will also select from three outputs. Includes mounting tape and screws. 15-1248</td>
<td>9.95</td>
</tr>
</tbody>
</table>

### VCR/TV Signal Splitters

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) VCR/TV Signal Splitter</td>
<td>One 75-ohm input. One 75-ohm output for VHF, one 300-ohm output for UHF/FM. 15-1252</td>
<td>4.95</td>
</tr>
<tr>
<td>(2) VCR/TV Signal Splitter</td>
<td>With 6-Foot Cable. Not shown. One 75-ohm input. Three separate 300-ohm outputs for UHF, VHF and FM. Push-on &quot;F&quot;-type connector. 15-1254</td>
<td>5.95</td>
</tr>
<tr>
<td>(3) VCR/TV Signal Splitter</td>
<td>300-ohm input. Provides one 75-ohm output for VHF and one 300-ohm output for UHF/FM. 15-1251</td>
<td>4.95</td>
</tr>
<tr>
<td>(4) NEW! VCR/TV Signal Splitter With 6-Foot Cable</td>
<td>One 75-ohm input. One 75-ohm output. Outputs for 300 ohms and 75 ohms. &quot;F&quot;-type connectors. 15-1522</td>
<td>4.95</td>
</tr>
</tbody>
</table>

### VHF/UHF/FM Signal Amplifiers for Use With 75-Ohm Coax

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>(14) UHF/VHF/FM Amplifier</td>
<td>Adjustable 10 to 20 dB gain. Switchable FM trap cuts interference. Can be used with hybrid splitters (see #15-114 on facing page) to drive up to four TV/FM receivers or VCRs. 1 1/4 x 2 1/4 x 4 1/4&quot;. UL listed AC. 15-1113</td>
<td>19.95</td>
</tr>
<tr>
<td>(15) 2-Set Amplified Coupler</td>
<td>Boosts VHF channels 2-13, FM and mid/superband cable TV to drive one or two TVs, VCRs or FM receivers. 1 1/4 x 2 1/4 x 4 1/4&quot;. UL listed AC. 15-1116</td>
<td>11.95</td>
</tr>
<tr>
<td>(16) 10 dB Booster Amp</td>
<td>For VHF channels 2-13, FM, mid and superband cable TV. 1 1/4 x 2 1/4 x 4 1/4&quot;. UL listed AC. 15-1118</td>
<td>10.95</td>
</tr>
<tr>
<td>(17) 4-Set Amplified Coupler</td>
<td>Boosts VHF channels 2-13, FM, mid and superband cable TV to drive up to four TVs, VCRs or FM sets. 1 1/4 x 2 1/4 x 4 1/4&quot;. UL listed AC. 15-1119</td>
<td>13.95</td>
</tr>
</tbody>
</table>

### Inline Coax Amplifier

Reduces signal loss from splitters, transformers and long cable runs. Inline "bullet" amplifier is located near antenna for maximum benefit. Up to 10 dB amplification. For UHF/VHF/FM—covers 5 to 900 MHz. 75-ohm input/output. With instructions. UL listed AC. 15-1117 | 15.95 |

### VCR/TV Splitter/Combiners

Separate 300/75 ohm inputs. Combines signals to one 75-ohm output with push-on male "F" connector. Pkg. of 2 for $9.95. 15-1294 | 2.99 |

### VCR/TV/FM Switch

Separate 300/75 ohm inputs. Combines signals to one 75-ohm output with push-on male "F" connector. Pkg. of 2 for $9.95. 15-1294 | 2.99 |

### Video Dubbing Kit

With Gold-Plated Plugs

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>(20) 6-Foot Stereo Audio/Videocable</td>
<td>Three phono jacks at each end. 15-1537</td>
<td>6.95</td>
</tr>
<tr>
<td>(21) NEW! Dual 24-Foot VCR Video/Audio Cables</td>
<td>15-1540</td>
<td>7.95</td>
</tr>
<tr>
<td>(22) Male &quot;F&quot; Connector to Phono Plug</td>
<td>278-253</td>
<td>1.39</td>
</tr>
<tr>
<td>(23) Male &quot;F&quot; Connector to Female Phono Jack</td>
<td>278-255</td>
<td>1.19</td>
</tr>
<tr>
<td>(24) Female &quot;F&quot; to Phono Plug</td>
<td>278-252</td>
<td>1.39</td>
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</table>

### Cables, Connectors and Adapters

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>(18) 2-Foot, 75-Ohm Coax Cable</td>
<td>One male push-on &quot;F&quot; connector at each end. 15-1533</td>
<td>2.59</td>
</tr>
<tr>
<td>(19) 2-Foot VCR Video/Audio Cable</td>
<td>15-1538</td>
<td>2.29</td>
</tr>
<tr>
<td>(20) 6-Foot Stereo Audio/Videocable</td>
<td>15-1535</td>
<td>3.99</td>
</tr>
<tr>
<td>(21) NEW! Dual 24-Foot VCR Video/Audio Cables</td>
<td>15-1540</td>
<td>7.95</td>
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<tr>
<td>(22) Male &quot;F&quot; Connector to Audio Plug</td>
<td>278-253</td>
<td>1.39</td>
</tr>
<tr>
<td>(23) Male &quot;F&quot; Connector to Female Phono Jack</td>
<td>278-255</td>
<td>1.19</td>
</tr>
<tr>
<td>(24) Female &quot;F&quot; to Phono Plug</td>
<td>278-252</td>
<td>1.39</td>
</tr>
</tbody>
</table>

### Video Dubbing Kit

With Chrome-Plated Plugs

Everything to make top-quality recordings from one VCR to another. Two 75-ohm male "F"-type to phono jack adapters, two "F" mini-plug to phono jack adapters and 6-foot video/audio cable with two phone plugs at each end. 15-1523 | 12.95 |

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>(10) Video Dubbing Kit</td>
<td>With Gold-Plated Plugs. 15-1525</td>
<td>6.95</td>
</tr>
</tbody>
</table>

### Budget RF Modulator for Computer or Video

Converts line-level signals from a satellite TV receiver, portable VCR, computer or video camera to VHF for reception on a standard TV. Switchable 1x or 75-ohm video input matches most equipment. RCA-type phono jacks for video and audio input. With 75-ohm "F" connector for output to TV. FCC registered. 1 1/8 x 3 1/4 x 4 1/4". UL listed AC. 15-1273 | 26.95 |

### Cable and Connectors

- 2-Foot, 75-Ohm Coax Cable
- 2-Foot VCR Video/Audio Cable
- 6-Foot VCR Video/Audio Cable
- 24-Foot VCR Video/Audio Cable
- 6-Foot Stereo Audio/Videocable
- New! Dual 24-Foot VCR Video/Audio Cables
- Male "F" Connector to Phono Plug
- Female "F" to Phono Plug
- Male "F" Connector to Female Phono Jack
- Video Dubbing Kit
- Inline Coax Amplifier
- VCR/TV Splitter/Combiners
- Cables, Connectors and Adapters

See Page 135 for Our Complete Line of RF/Video Connectors and Adapters
SATELLITE TV SYSTEM WITH STEREO SOUND

Available With Choice Of 8 1/2-Foot or 10 1/2-Foot Dish

Both antennas offer all this!

- Horizon-to-Horizon Motorized Mount
- Wire-Mesh Design to Cut Wind Loading
- Rotatable Hub for Ground-Level Assembly

Easy-to-Level Base
Advanced 80° LNB
125-Ft. Plug-in Cable
Precision Gear Drive
Hi-Efficiency Feedhorn
Weathered Housing

Complete System Low As $1995.00

- Built-In Stereo Decoders With Auto-Format Selection
- Block Downconversion Lets You Add More Receivers And Watch Different Programs on Your Other TV Sets
- Automatic Dish Positioning Preprogrammed Receiver
- Dish Assemblies With Ordinary Tools Parental "Lock"

Realistic 2500 Home Satellite TV System. Our user-installable system brings you the widest possible choice in TV programming. Enjoy movies and music videos with stereo sound, the ultimate in sports and news coverage, superstations, plus unedited regular programming and many special services. Receiver is preprogrammed for existing satellite channels and has extra memory for adding new channels. Has DNR Dynamic Noise Reduction for superb sound quality, and controls that enable you to tune in subcarrier FM stereo services. Easy to use—just select desired channel at the receiver or with the wireless remote. The built-in computer does the rest! The complete system is designed for do-it-yourself installation—we even include a "How-To" video tape. 125-foot lead-in cable is direct-buriable and has plug-in connectors for errorproof hookup. Compatible with all standard descramblers. Includes mast with built-in level and all required hardware, cables and instructions. All components UL listed for electrical safety.

Complete 8 1/2-Foot Dish System 1995.00
Complete 10 1/2-Foot Dish System 2295.00

These components are available separately for upgrading existing systems:

- Realistic SR-2010 HSTV Receiver 16-2501 599.95
- 8 1/2-Foot Dish Antenna 16-2502 1299.95
- 10 1/2-Foot Dish Antenna 16-2506 1599.95
- 80° LNB 16-2503 229.95
- HSTV Feedhorn 16-2504 99.95

These components are available on special order through your local Radio Shack store: Ku Band LNB, Dual C/Ku Band Feedhorn, Dual H/V Feedhorn, and 50 or 100-foot cable extensions.

Automatic Dual LNB Switch

For "Dual-Feed" Satellite TV Systems With Multiple Receivers
Use with block downconversion and multiple receivers to let each receiver independently select from all available channels on each satellite. Selection of satellites remains at main receiver. 1 1/16 x 4 3/8 x 3 13/16".

Complete... 49.95

Inline Coax Amplifier

29.95

20 dB Boost Cuts Signal Loss From Splitters and Long Cable Runs
Boosts signals in the 430-1430 MHz band—specially made for use in satellite TV systems or UHF-TV and scanner radios. "Bullet" amp installs inline or near antenna. Place power injector where convenient. With DC-block module and instructions. 75-ohm connectors. UL listed AC. 15-115 29.95

Satellite Dish Security Alarm

29.95

- Warns if Lead-in Cable is Cut
- Battery Backup if AC Fails

Loud built-in buzzer gives immediate warning if cable to your dish antenna is cut or disconnected. Use as a stand-alone alarm or connect to a home security panel. Compatible with all satellite TV systems. Connects indoors at receiver. 1 1/16 x 6 1/32 x 3 3/8".

Prices Apply at Participating Radio Shack Stores and Dealers / TM, National Semiconductor Corp.
SURROUND SOUND & VIDEO ENHANCERS

5 WATTS PER CHANNEL FRONT/REAR, MINIMUM RMS INTO 8 OHMS FROM 40-20,000 Hz, WITH NO MORE THAN 1.0% THD

Archers Dolby Surround Decoder/Amplifier. Theatrical films presented in Dolby Stereo have a surround or rear channel in addition to the stereo front channels for exciting "3-dimensional" sound that makes jets seem to zoom out of the screen and roar overhead and behind you. The effect on music is just as dramatic. You can enjoy that same "room-expanding" sound at home by decoding the Dolby surround channel on video tapes and discs. You can also synthesize surround sound and stereo from monaural sources—there are inputs for tuner, audio tape and video/TV. The built-in 10-watt amp makes it easy to install—just connect two speakers to the front channels, and put a pair of speakers in the back of your room and connect to the rear channel. Or, use your existing stereo system for the front channels—a "BTL" switch on the decoder then lets you double the rear-channel output from 5 watts to 10. Controls: master volume, F/R and L/R balance, input balance, tone, Dolby on/off, synthesis on/off, power on/off. Outputs: audio recording, front/rear L/R speakers, front L/R line level. 2⅜ x 9⅛ x 9⅜ UL listed AC. 15-1279

Low As $15 Per Month-

Amplifier With Dolby Surround
Two Minimus®-7 Speakers

SYSTEM
Reg. Separate Items 229.85

NEW FOR 88 $199.95 Save 29.90

Dolby Stereo Surround Decoder/Amplifier

See page 25 for description of Speakers. TM Dolby Laboratories Licensing Corp.

Pro-Feature Video Taping Accessories

Stereo-Compatible Video Processor. Four accessories in one! Works with monaural and stereo VCRs. Variable enhancer preserves picture details normally lost during duplication. Stabilizer eliminates "roll and jitter". Video noise reducer cuts "snow". Variable-speed video/sound fader gives you pro-quality dubs. Has split-screen view of original/processed video, front-panel selection of two video/audio sources. Two video/audio outputs (for VCR, TV monitor) plus RF output so you can use a standard TV as a monitor. 2⅜ x 9⅛ x 6⅛" UL listed AC. 15-1272

Low As $15 Per Month-

99.95

Video Special-Effects/Switcher. Lets you create horizontal, vertical, diagonal and diamond wipes—30 patterns in all. Manual and automatic fades on both audio and video. Has two video and two audio inputs for "source" VCRs. Two video and two audio outputs. Stereo compatible. 2⅜ x 9½ x 6½". UL listed AC. 15-1274

89.95

Video Special-Effects/Switcher

Stereo-Compatible Video Processor

Video Accessories on This Page Include Manuals With Illustrated Hookup Examples
THE ULTIMATE IN TV/VIDEO REMOTE CONTROLS

Universal Infrared Remote Control With
LCD Display and Five-Event Timer

$99.95  
Low As $15 Per Month

- Gives You Fingertip Control of a Full Range of Remote Controlled Equipment—TV, VCR, Tape Deck, Stereo System, CD Player, Cable Box, Video/Audio Disc Player and More
- "Leans" and Reproduces the Infrared Remote Control Commands From Up to Eight Individual Controllers
- Five 7-Day Programmable Timers  Sequence Programming
- Compatible With All Radio Shack Infrared Controlled Components and Most Other Brands
- Direct-Entry Selection Keys  8-Digit LCD Display

Available Oct. 30, 1987

Today's home video system can easily have three, four or more separate remote control components (TV, VCR, cable box, laser disc player, satellite receiver and others). This can turn your room into a "jungle" of hand-held controllers, and it's so easy to grab the wrong remote or misplace the controllers.

Our Universal Remote Control solves those problems and places your entire audio/video system in the palm of your hand! It learns and reproduces the commands from up to eight separate infrared controllers. Just place the Universal Remote Control head to head with almost any other infrared remote, press the matching buttons and it instantly learns your system's operating codes—it couldn't be simpler!

And replacing the separate controllers is only the beginning of what you can do! The system will also remember programmed sequences of up to 26 commands. Five built-in, 7-day timers can automatically activate a stored sequence when you are away from home. A second sequence and timer can be programmed to stop recording and turn off all remote control components. Each timer can activate a sequence every day, once a week, or only a single time. This multifunction marvel has an easy-to-see 8-digit LCD display, up/down channel and volume controls, eight VCR function keys, mute button, nine direct-entry selection keys and a lighted display for easy viewing in dim light. Get yours now and get out of the "remote" jungle! Requires 4 "AA" batteries. 15-1901

Cable TV Block Converter With Fine Tuning

Restores Remote Control Functions to Your TV

Now you can watch one TV channel while taping another on your VCR. Also returns tuning to TV set and VCR. If you have a remote control, you can use it to control all tuning selections—including cable channels. Fine-tuning control permits watching "offset" cable channels which may not be receivable on TVs or VCRs with digital tuners. 2 x 6 1/2 x 3 1/2". UL listed AC. 15-1281

Remote Control 60-Channel Cable Converter

- Direct-Access PLL Tuning System With LED Display
- Includes Multifunction Wireless Infrared Remote

Pushbutton remote scans cable channels in two directions, accesses them directly, fine-tunes and turns TV on/off. PLL tuning system assures optimum picture and sound. Has standard/HRC switch for use on all cable systems. LED digital display. Channel 3 or 4 output. 2 3/4 x 11 1/2 x 6 1/2" FCC registered. UL listed AC. Remote requires 9V battery. 15-1285

Protect Your Video Investment With Radio Shack's Extended Service Plan—See Page 92
Archer® Rabbit Multiplying System

**Now Every TV in Your House Can Share a Single VCR**

- Sends the Video and Audio Signals From Your VCR to a Second TV Receiver
- Enjoy Your Favorite Television Show On One Set While Viewing the VCR on Another
- Control Remote Functions From Any Room

The easy way to "share" your VCR with any TV receiver in your home. Watch a video tape on any set you choose while viewing regular TV on another, without ever having to move or reconnect your VCR. You can even use your existing infrared remote to instantly transmit commands to your VCR from any room that has a Rabbit receiver. Expand the system to all your TV sets at any time by adding additional Rabbit receivers. System includes transmitter, receiver, cables and ultra-thin connecting wire—hooks up in minutes! Each unit, 1 3/4 x 6 15/16 x 4". UL listed AC. 15-1953

**System**

79.95

**Extra Receiver.** Expand your Archer Rabbit System above to additional TVs. With cable, adapter, wire and illustrated manual. UL listed AC. 15-1954

. Each 39.95

Archer Multiple Video Distribution System

**NEW FOR 88**

49.95

Now you can watch what you want—where you want! With our exclusive Multiple Video Distribution System, and your existing cable box, antenna or VCR, you can send the programming you want to every TV, in any part of your home. All the program sources are sent simultaneously to each TV through a single coaxial cable, making installation a snap. With its three separate outputs you can watch regular TV in the kitchen, an exercise tape in the bedroom—and whatever you want on the main set in the living room! You can even choose the video source you want to watch using your television’s channel selector or with your remote. Each of the three outputs is amplified for excellent remote reception—you can even add splitters to add more televisions as desired. 2 1/8 x 7 x 6 13/16". With step-by-step illustrated instructions. UL listed AC. 15-1290

**System**

- Watch Your VCR on Every Television in Your Home—Without Moving It From Room to Room
- Works With All Standard Television Receivers
- Three Outputs Send Separate Programs To the TVs You Select—Simultaneously
- Adjustable Fine-Tuning and Channel Tuning Control On Each Individual Input

Remote Control Extender System

**49.95**

Operate Remote-Controlled Video Equipment from Another Room in Your House

A compact video performer that really saves steps! Sends the commands from any infrared remote control back to the original video source through ordinary coax cable. Here’s an example of how you can use it: Your remote-control VCR, cable box or satellite-TV receiver is in the living room. It’s connected to a second TV in the bedroom. With the Extender, you don’t have to leave the bedroom to change channels or select VCR modes. 1 13/16 x 4 1/8 x 3". Includes splitter and two coaxial cables. UL listed AC.

15-1289

. 49.95

Video Shack is a service mark of Tandy Corporation/Radio Shack for the video products department of Radio Shack ® stores
OUR PLUG 'N TALK® FM WIRELESS INTERCOMS

Portable FM Cordless Room Monitor

Just Plug Into AC Outlet—No Wiring Needed to Install

39.95 Set

Now you can monitor an area such as a child's room, as you move freely around the house! Battery-powered receiver clips to your belt or pocket, or save battery power and use the adapter included. Switchable 2-channel operation helps cut noise and interference. Transmitter, 2 x 5¼ x 4½"; Receiver, 5 x 2½ x 1½; requires 9V battery for portable operation. UL listed AC. 43-202

Flexible Antenna. For receiver. 43-189 4.95

Two-Station With Lighted Talk-Bar

69.95 Pair

Put an end to shouting and running between rooms. It couldn't be easier to use—just plug into AC and press Talk-bar to speak. Lock-bar provides hands-free talking or continuous monitoring of the other unit. Each station has rotary volume control and Call-tone button. Squelch silences speakers between calls. Expandable—add another pair anytime. 1⅝ x 6⅞ x 4¾". UL listed AC. 43-212

FM Wireless Room Monitoring System

24.95 Set

Keep an "Ear" on Child's Room While Working Around Home
No Wiring—Just Plug In to Use

Low-cost monitoring system is ideal for "babysitting" from another room or as a 1-way intercom. Transmitter has on/off switch. Receiver has on/off volume control. 1¾ x 3 x 3¾". UL listed AC. 43-208 24.95

Budget-Priced 2-Station System

39.95 Pair

Compact Design
For Desk or Wall

Call-tone on each station alerts the other. Talk-bar with lock position for hands-free talking or continuous monitoring. Volume control and power-on indicator. Add another pair anytime to expand. Just plug in and talk. Hanger slots for wall mounting. 1⅝ x 5⅞ x 4". UL listed AC. 43-207 39.95

Our Best! FM Wireless 3-Station, 3-Channel Intercom and Monitoring System

Set of 3 99.95 Low As $15 Per Month

Squelch Keeps Stations Silent Until Calls From Other Stations Come In
FM Operation Cuts Electrical Noise

Enjoy talking, not shouting, between any three areas. And there's no wiring necessary—simply plug each station into an AC outlet at the desired location. Each station features selectable 3-channel operation so you can talk with one station without disturbing the third. Call-tone button for signaling one or all stations. Lockable Talk-bar for hands-free conversations or continuous monitoring. Each station has volume control, channel selector and power-on LED indicator. Built-in modulation limiting circuit prevents overloading or distortion from loud voice signals. For desktop or wall. 1⅝ x 5⅞ x 4¾". UL listed AC. 43-218 99.95

Wireless Intercoms Operate Up to 300 Feet Apart and Usually Between Neighboring Houses and Apartments
Add Intercom and Hold to Any Phone In Your Home With This System

New convenience for business or home communications. Extra-quiet 2-station intercom lets you put telephone calls on hold. If the call is for someone at the other station, you can notify them on the intercom. When they pick up the extension phone, the hold function will automatically release. Phone-line operation provides maximum clarity. Easy to hook up—just plug into AC and standard modular jack, then plug telephone into intercom. Intercom doesn’t interfere with normal phone conversations. Expand the system by adding others anywhere there’s an AC outlet and modular phone jack. Talk-bar with lock for hands-free talking or monitoring of another room. Each station has Call-tone button, Telephone-hold button and rotary volume control. For desktop or wall. 1¾ x 5¾ x 4". UL listed AC.

Available Nov. 15, 1987

Eight-Channel One-Way Wireless Personal Paging System For Business or Home

An Invaluable Asset to Offices, Schools, Factories, Warehouses and Clinics
With Antenna for Up to Two-Mile Range
Ready to Use • No License Required

Realistic® PG-80. The low-cost way to improve the efficiency of any business! Powerful 7-watt transmitter puts you in touch with the right person at home or at work, immediately. Push a button on transmitter and receiver “beeps” to alert user to check in. Digital encoding (4096 possible combinations) with memory backup assures reliable, interference-free paging. Receiver warns you with an audible signal when it’s time to replace batteries. Add an outdoor CB antenna for extra range. Transmitter memory is protected up to three hours if AC fails. Receiver memory is protected up to one hour if batteries fail. Includes transmitter and one receiver. Up to eight receivers possible. Transmitter, 2¼ x 7 x 4½", is UL listed for AC operation. Receiver, 4 x 2½ x 1½", requires 3 "AAA" batteries. 49.95

Extra Receiver. 49-711 Each 29.95

Low-Priced 2-Station Intercom

Saves Time and Steps

Battery-powered system provides noise-free conversation in your home, shop, camper or boat. Remote can signal master even when system is off. For desktop, or mount on wall with screw slots. Includes 66-foot cable and staple fasteners. 1½ x 3½ x 1½". Requires 9V battery. 14.95

“Whole-House” 4-Station Intercom

Selector on master lets you talk with each station individually—no other station can listen in. With three 66-foot cables, staples. Master station, 1½ x 4½ x 4½". Remote station, 1½ x 3½ x 4½". Requires 9V battery or AC adapter #273-1651. 24.95

Visit Radio Shack for a Complete Intercom or Paging System for Your Business or Home
SAFE HOUSE® SECURITY

24-HOUR PROTECTION

Burglar and Fire Alarm Center

159.95

Low As $15

Per Month *

- Six Alarm Systems in One
- Battery Backup
- Complete Around-the-Clock Fire Protection

Protect yourself and your home with this sophisticated, easy-to-install perimeter/interior alarm and fire detection system. The control unit's four independently operated burglar alarm trigger "loops" permit selectable zones of protection to suit your family's lifestyle. A supervised fire alarm loop stays armed 24 hours to alert you of smoke or fire instantly. An additional 24-hour protection loop can be connected to switches that immediately alert you of tampering. Or hook up a panic button to sound the alarm instantly, whether system is armed or not. Magnetic switches, smoke, temperature, motion and other sensors may be added anytime. It can even activate a phone dialer to automatically call for emergency help. Transformer plugs into 120VAC. Battery backup in case of AC failure. Variable entry delay up to 40 seconds and exit delay up to 45 seconds. 13 x 9½ x 3¾". UL listed AC. Backup requires two #23-181 batteries. 49-470

6V Rechargeable Battery. 23-181 Each 9.95

Alarm System Package

Save $28.30

214.95

Reg. Separate Items 243.25

Low As $15

Per Month*

(1) Alarm Control Unit, 49-470
(2) 100 Feet of Wire, 278-860
(3) System Smoke Alarm, 49-481
(4) Electronic Siren, 49-488
(5) Lock and 2 Keys, 49-523
(6) Magnetic Switches(4), 49-495

Burglar Alarm Control Center

99.95

Low As $15 Per Month *

- Reliable 24-Hour Security
- Add Accessories to Custom Design Your Own System

The same type used by the professionals! Design your security around alarm bells, sirens, strobes, key locks, vibration and glass-breakage detectors or motion sensors. The system has two alarm "loops"—one instant, one with adjustable 0-45 second entry/exit delays. Add up to ten arm/disarm key switches for entrances. There's even a 24-hour panic switch circuit. Alarm shuts off after five minutes, then resets. Low-voltage transformer plugs into 120VAC and has automatic battery backup in case of AC failure. Four LED status indicators. Power-on and arm/memory LEDs assure system is armed and ready. Loop indicator lights when all detectors are in their normal state and show if any window or door is unprotected. Battery and bell test buttons. All-steel control unit, 11½ x 6¼ x 3¾". UL listed AC. Backup requires 8 alkaline or 10 rechargeable "C" batteries. 49-450

6V Rechargeable Battery. 23-181 Each 9.95

Alarm System Package

Save $18.35

129.95

Reg. Separate Items 148.30

Low As $15 Per Month*

(1) Alarm Control Unit, 49-450
(2) 100 Feet of Wire, 278-860
(3) Electronic Siren, 49-488
(4) Lock and 2 Keys, 49-523
(5) Magnetic Switches(4), 49-495

Automatic Emergency Message Dialer

99.95

Low As $15

Per Month *

- Dials Up to Three Numbers In Sequence Automatically
- One-Touch Emergency Button
- Pulse/Tone Line Operation
- Built-In Message Microphone

Can be triggered by an alarm system or by the touch of a button. Dials up to three numbers in sequence and plays your prerecorded message. Monitor switch, built-in mike, message-is-playing and battery-check LEDs. Battery-backup system in case AC power fails. Works on any pulse or tone line. UL listed AC. Backup requires 3 "AA" and 4 "C" batteries. FCC registered 3½ x 9 x 6½". 49-431

99.95

Visit Your Nearby Radio Shack for Personal Assistance in Selecting the Right Alarm System
**Reliable Alarm System Accessories**

**System Smoke/Heat Sensors**

(1) Continuously monitors for smoke or combustion particles. Four-wire hook-up system powered by 49-470 System Center. Cannot be used alone or with 49-450. Has loud, built-in alarm. 5¼" dia. x 2". With mounting hardware. UL listed. 49-481  34.95

(2) 135° Heat Sensor. Use in kitchens, bathrooms, and other areas not suited for a conventional smoke sensor. Use with 49-470 or similar system. 49-482  6.95

190° Heat Sensor. As above but for attics, fuses, and other areas not suited for a conventional smoke sensor. Use with 49-470 or similar system. 49-483  19.95

**Infrared Photorelay Sensor**

Built-In Tamper Switch

Infrared sensor detects intruders by sensing body heat. Dual-element design extends coverage zones and helps prevent false alarms. For 49-450 and 470 plus other control units. Walk-test LED determines area covered. Includes mounting hardware and instructions. Requires 12VDC at 20 mA. UL listed. 49-531  59.95

**Foil, Contacts and More**

(7) Foil. Connects to alarm and glass. 120-foot x 15/32" roll. 49-502  5.99

(8) Adhesive Connectors. UL listed. 49-504  3 Pair/2.59

(9) Adhesive Connectors. UL listed. 49-505  3 Pair/2.59

(10) Glass Breakage Detector. Guards up to 32 square feet. For open or closed circuits. UL listed. 49-516  7.95

**Locks and Key Switches**

(3) Digital Key Switch. Programmable secret code arms/disarms system. Requires 10-16VDC at 70mA. UL listed. 49-535  21.95

In-Wall Mounting Box. For above. 279-341  2.59

(4) Remote Key Plate. Red and green LED status indicators, tamper switch. For most key switches. For 6 and 12VDC. Mounting hardware. 49-524  6.95


Locking. Similar to 49-523 but with locking contact. 49-511  9.95

(6) Lock Switch With Cover. Spring-loaded cover, screw terminals. Two keys. 49-515  4.69

**Door/Window Contacts**

(11) Door/Window Switch. For normally closed (N.C.) loops. UL listed. 49-495  3.49

Switch. As above, but contacts open as magnet engages (N.O.). UL listed. 49-512  3.99

(12) Spacers. For use with above on metal doors and uneven surfaces. 49-519  Pkg of 6/99c


(14) Concealed Magnetic Switch. Mounts inside door or window frame (N.C.). UL listed. 49-496  3.99

(15) NEW! Wide-Gap Switch. For normally closed loops. UL listed. 49-499  5.99

**More Accessories**

(16) Contact Switch (N.C.). 49-513  1.29

(17) Tamper Switch (N.O.). 49-528  1.59

(18) Vibration Detector (N.C.). 49-521  3.95

(19) Panic Switch (N.O.). 49-517  1.49

(20) Jumper Cord. 49-548  3.99

(21) 100-Ft. Twisted Pair. 278-860  5.49

(22) 300-Ft. Wire. 278-861  15.95

(23) 100-Ft. 6-Conductor Cable. 278-374  13.95

**Light and Sound Security**

(24) High-Power 2-Sound Siren. Loud rise-fall or steady sound. Adjustable base. Weatherproof. Requires 6-12VDC at 1 amp. 49-488  39.95

(25) Indoor/Outdoor 2-Sound Siren. Rise-fall or steady sound. Weatherproof. Requires 12VDC at 0.5 amp. 49-489  14.95

(26) Indoor 2-Sound Siren. Super-loud steady or rise-fall. Ceiling/wall mount. Requires 12VDC at 0.5 amp. 49-529  14.95

(27) New! High-Efficiency Siren. Small size, big "yelp." For interior use only. 12VDC. 49-489  9.95

(28) Piezo Buzzer. Pulsing or continuous. For pre-alarm buzzer. 4-28VDC. 273-068  7.95

(29) Security Strobe Light. Helps police or fire department locate your home quickly during emergencies. Weatherproof. Brilliant 100,000-candlepower strobe is visible even in fog. Requires 12VDC at 0.2 amp 49-527  19.95

(30) Warning Decals. Vinyl adhesive mounts on glass, warns would-be burglars. 49-507  Pkg of 4/119

Sale and Use of Sirens for Mobile Use is Prohibited in California and Certain Other States
RELIABLE HOME PROTECTION BY SAFE HOUSE

Four-Channel Emergency Phone Dialer With Wireless Remote Control

199.95
Low As $15 Per Month*

- Auto-Dials Up to Three Preselected Numbers For Each of the Four Personal Messages
- Remote Has Up to 200-Foot Range

This dialer and pocket remote make a superb personal security system, and are easily tied in to an existing alarm system. When you need help, just touch a button on either the remote control or dialer, and the system begins to call with your personally recorded messages. Even works when you're away when triggered by an alarm system. Bypasses busy numbers and waits for an answer before starting message. Acknowledgement code lets dialer know message was received. Monitor mode lets you hear the response. Dialer can be directly wired to separate burglar and fire alarms. Works on pulse or tone lines. Built-in mike and speaker for recording/listening to messages. Includes 20-second cassette tape. FCC registered. 23/4 x 111/8 x 67/8'. UL listed AC. Remotes includes CR2032 batteries. Automatic battery backup requires 5 "C" and 3 "AA" batteries. 49-432

Infrared Motion Alarm System

99.95
Low As $15 Per Month*

- Easy to Install—Just Plug Into AC

Just the thing for apartments and small homes. Sensitive alarm detects intruder's heat and motion in a 20 x 30-foot protected space. Use the "walk-test" LED to define the protected area. Built-in alarm auto-resets after five minutes. Has 15-second entry and 20-second exit delay. Battery backup if AC fails. 3¾ x 10½ x 8¼". UL listed AC. Backup requires 8 "C" batteries. 49-308

Ultrasonic Motion-Sensing Alarm

59.95

No Wiring To Install—Just Plug Into AC Outlet

Uses sophisticated ultrasonic sound elements to protect a 20 x 30-foot area in your home. Loud internal alarm can be set to sound instantly when motion is detected, or can be programmed for a 15-second entry delay or a 20-second exit delay. Alarm auto-resets after five minutes of operation. Adjustable sensitivity control, "walk-test" LED to define protected area, plus terminals for adding an external alarm and remote on/off switch. Provision for adding battery backup (requires 12V lantern battery). 2¾ x 9½ x 8¼". UL listed AC. 49-303

Photorelay Alarm System With Infrared Pulsed Beam

69.95
Pulsed Beam System Guards Against Intruders And/or Announces Guests or Customers

Low-priced protection for home or business. One-piece receiver/transmitter fires an invisible beam of pulsed infrared light to the reflector (up to 50 feet), which bounces it back. If the beam is interrupted, the built-in buzzer sounds loudly in the intrusion mode or softly in the announce mode. Alarm can be set to sound momentarily, for five seconds or for five minutes with auto-reset. LED test alignment indicator, adjustable sensitivity control. Provisions for adding battery backup (requires 12V lantern battery), external strobe, bell, siren or auto-dialer. May be used with a central alarm system. Adjustable mounting bracket. 4⅜ x 3 x 7½". UL listed AC. 49-307

Radio Shack is Your Home Security Headquarters
RADIO SHACK MAKES YOUR HOME SECURE

Infrared Security System With Dual-Floodlight Design

- Infrared Sensor Automatically Turns Lights On When It Detects an Intruder
- Safely Lights Your Way When You Come Home At Night and Welcomes Your Guests
- Protects a 40 x 60-Foot Area With Light

Protect your home or business at night with a burglar's worst enemy—light! When the system detects an intruder's body heat and motion, it automatically switches lights on. Also turns lights on when you get home at night for safety and convenience. Mounts in place of existing light fixture, or custom-mount with optional electrical junction box. "Lights-On" time is adjustable from approximately 10 seconds to 15 minutes. Sensitivity adjusts to avoid accidental triggering by pets. Photoelectric cell automatically turns system on at night and off during the day. Installs with household tools. With complete installation instructions. UL listed AC.

NEW FOR 88

Mounts Above Garage Door or Anywhere Outside Your Home

Smoke Alarm With Quiet Feature

- "Quiet-Reset" Silences Alarm for Eight Minutes

 Ionization-type detector responds to smoke or invisible products of combustion by sounding built-in alarm. Pushing "Test" button silences alarm. If smoke or fire is still present, unit will then "beep" once per minute. Heavy smoke sounds alarm continuously. Use several for extra safety. 5 1/4" dia. x 2". With hardware. UL listed.

NEW FOR 88

Easy-to-Install, Battery-Operated Entry Alarms

- Key-Operated On/Off Switch
- Combination Alarm and Entry Chime

Electronic Door or Window Alarm. Mounts quickly with screws or double-sided tape. Loud, piercing alarm. Entry/exit delay. 5 1/4 x 2 1/4 x 1 1/4". Requires 9V alkaline battery. 49-421

Combination Alarm and Entry Chime. Arms with secret keyboard code. Chime announces visitors, alarm warns of intruders. Entry/exit delay. 6 1/4 x 2 1/4 x 1 1/4". Requires 9V alkaline battery. 49-422

Pocket-Sized Powerhorn

- Super Loud!
- Fits in pocket or purse. Blast can be heard up to one-half mile!

Window/Door Stop

- Deters Break Ins
- Halts opening and closing of sliding windows and doors. Adjustable.

Motion-Sensing Personal Alarm

- Easy to Install—Includes Hook-and-Loop Fastener Tape

Mount on door or window to warn of intruders, or on medicine cabinet door to alert you if children gain access. Loud built-in alarm resets after one minute. "Test" button checks condition of battery/buzzer. 4 1/4 x 2 1/4 x 1 1/4". Requires 9V battery.

Window/Door Alarm

- Install Several

Alarm sounds when door or window is opened. Requires 2 "AA" batteries. 49-484

Pocket-Size Powerhorn

- Super Loud!
- Fits in pocket or purse. Blast can be heard up to one-half mile!

Window/Door Stop

- Deters Break Ins
- Halts opening and closing of sliding windows and doors. Adjustable.

Radio Shack—Famous for Service and Quality Since 1921

61-2601 ........................................ 79.95

Smoke Alarm With Quiet Feature

- 14.95 NEW FOR 88

"Quiet-Reset" Silences Alarm for Eight Minutes

 Ionization-type detector responds to smoke or invisible products of combustion by sounding built-in alarm. Pushing "Test" button silences alarm. If smoke or fire is still present, unit will then "beep" once per minute. Heavy smoke sounds alarm continuously. Use several for extra safety. 5 1/4" dia. x 2". With hardware. UL listed.

NEW FOR 88

Easy-to-Install, Battery-Operated Entry Alarms

- 11.95
- 24.95

Key-Operated On/Off Switch

Combination Alarm and Entry Chime

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Pocket-Sized Powerhorn

- 5.95

Super Loud!

Fits in pocket or purse. Blast can be heard up to one-half mile!

Window/Door Stop

- 99c

Deters Break Ins

Halts opening and closing of sliding windows and doors. Adjustable.

Radio Shack—Famous for Service and Quality Since 1921

61-2601 ........................................ 79.95

Smoke Alarm With Quiet Feature

- 14.95 NEW FOR 88

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Pocket-Sized Powerhorn

- 5.95

Super Loud!

Fits in pocket or purse. Blast can be heard up to one-half mile!

Window/Door Stop

- 99c

Deters Break Ins

Halts opening and closing of sliding windows and doors. Adjustable.

Radio Shack—Famous for Service and Quality Since 1921
DISCOVER THE CONVENIENCE OF PLUG 'N POWER

Wireless RF Remote Control System

39.95

Lets You Switch Devices On/Off From Your Driveway

Controls lights and appliances from inside or outside your home or office. Receiver/transmitter module has a 15-amp resistive load AC outlet. Controls up to three more devices using Plug 'n Power Modules below. Transmitter requires 9V battery. Extra transmitters available on special order. 61-2675

Remote Control Command Center

24.95

Dim and Bright Controls

Use 16-button controller to turn most lights and appliances on or off around the house from your chair! Requires Modules below. Panic switch. 61-2690

Deluxe Remote Control AC Timer

39.95

Turns Lights And Appliances On and Off Automatically At Preset Times

Gives your home a lived-in look while you’re away. Select up to eight different combinations of on/off times. No wiring to install—uses house wiring and Plug 'n Power Modules, below, to wake you, start the coffee, control lights or appliances rated at up to 15 amps or 1/3 horsepower. Built-in digital clock. Battery backup operates timer if AC fails. 3 1/4 x 5 1/8 x 5 1/16”. Backup requires 4 "AA" alkaline batteries. 61-2679

Mini Remote Control Center

NEW FOR 88 12.95

Small enough to place anywhere! Has “bank” switch to control up to eight Plug 'n Power Modules. Bright, dim and “all lights on” controls. 61-2677

Plug 'n Power™ Modules to Control Most Lights and Appliances in Your Home

Use With Controllers Above For Comfort and Security And Energy Savings

On/Off Appliance Module. Resistive load 15A, 1/2 HP motor, incandescent 500W. 61-2681, 12.95

Universal Appliance Module. For 3-prong plugs. TV: up to 400W. Other ratings same as above. 61-2684

Low As 12.95

Lamp Dimmer Module. Convenient on/off and brighten/dim control of incandescent lamps up to 300 watts. 61-2682

Wall Switch Module. Pushbutton override. Incandescent 500W. 61-2683

Eight-Event Program Timer

19.95

Available Sept. 30, 1987

Makes people think you’re at home—even when you’re not! Program up to four on and four off daily, settings. Select a "fixed time" setting to start your morning coffee or turn on a light before you get home at night. LCD clock display. Controls one device. Rated 15A. Requires "AA" battery. 63-891

Seven-Day Digital Program Timer

29.95

Switches an electrical device on and off at different, random or fixed times. Seven on/off settings for either weekly or daily programming. Instant on/off override. Battery backup maintains time and program during AC power failures. LCD clock display. Rated 15A, 1875W. Backup requires 2 "AA" batteries. 63-889

All Control Systems, Timers and Modules Are UL Listed for Electrical Safety
INDOOR/OUTDOOR LCD THERMOMETER

**14.95**

Accurate Reading Anytime

Check the temperature outside before you leave for work or play! Switchable Fahrenheit or Celsius display. Indoor/outdoor temperature switch. Backlight for viewing in dim light. Adhesive backing for mounting anywhere. With RS357A battery. 63-842 14.95

**CLOCKS AND COUNTDOWN TIMERS**

1. **(1) Clock/ Rotary Timer.** Times up to 100 minutes in 5 minute increments and up to 10 minutes in 30 second increments. Requires “AA” battery. 63-882 14.95
2. **(2) Pocket Timer.** Times up to 99 minutes, 59 seconds. 63-880 14.95
3. **(3) Stick-On Calendar Clock/Timer.** Measures elapsed time to 15 minutes. With mounting tape. 63-840 3.99
4. **(4) Pocket/Magnet-Mount Timer.** Maximum of 99 minutes, 59 seconds. Beeps when counter reaches zero. 63-879 10.95
5. **(5) 24-Hour Pillbox/Timer.** Medication storage/reminder. 63-881 14.95

**LOW-PRICED MICRONTA® AC TIMERS**

1. **(6) Mini Plug-In Timer.** Cordless-plugs into wall outlet. 21½ hrs. max. 4½ x 2¾ x 1¼. 63-862 7.95
2. **(7) Multi-Program Plug-in Timer.** Has 24 programming tabs for up to 12 hourly on/off cycles. Manual override 4 x 2 x 1¼. 63-864 9.95
3. **(8) Tabletop Multiple Timer.** Up to 12 on/off functions daily. Override control. 2¼ x 4 x 3. 63-865 14.95

**24-HOUR TIMER**

**21.95**

Battery Backup

To-the-minute accuracy. Two-pc. design ends tangled cords. For one AC appliance. 15A. 2 x 5½ x 3. UL listed AC. Backup req. 9V batt. 63-888 21.95

**PLANT METER**

**7.95**

Grow Healthier Plants

Checks your plants for the right moisture and light. Self-powered operation. 63-685 7.95

**MICROFACED STRESS MONITOR**

**12.95**

Learn to Control Stress

Tone rises when under stress, drops when relaxed. Attach sensors to fingertips. Requires 9V battery. 63-675 12.95

**MICROWAVE LEAK DETECTOR**

**14.95**

Checks Oven Door Seal From Outside

A quick test for leaks which may cause health problems. 22-2001 14.95

NOT A CERTIFICATION INSTRUMENT
UP-TO-DATE, ACCURATE MICRONTA® CLOCKS

Talking Clocks That "Tell" Time

3995

4995

(1) VoxClock®-2 Alarm Clock/Timer. Announces time hourly or at a tap of the button, and five minutes before sounding melody alarm. Timer sounds at 10-minute intervals down to ten minutes, then every minute until preset time. 2½ x 2½ x 2½. Requires 3 "AA" batteries. 63-903 39.95

(2) VoxClock-3 Dual-Alarm With Display. Two wake-up times. Voice or chime alarm. Time/month/date at a tap. Volume control, forward/reverse time set. Snooze, dimmer, 0.9" LED. 2 x 6 x 5". UL listed AC. Backup requires 7 "AA" batteries. 63-906 49.95

Contemporary Digital LED Wall Clock

1995

Giant 1.8" LED Display

Big enough to read from across the room—just right for den or playroom. Mount on wall, or use the built-in stand for desk or table. Switchable 12/24 hour mode, p.m. indicator LED. Chrome finish and black face. Has 6-foot power cord. 6½ x 3½ x 2½. UL listed AC. Backup requires 9V battery. 63-805 19.95

Battery-Powered Quartz Wall Clocks

39.95

49.95

(3) 9" Diameter. Stylish modern design. Fits in most any decor. Sweep second hand. 1½" deep. Requires "AA" battery. 63-806 11.95

(4) 11" Diameter. Extra-large numerals. "Click-stop" second hand and woodgrain molded housing. 1½" deep. Requires "AA" battery. 63-807 19.95

Accurate Digital-Display Alarm Clocks

(5) Blue Fluorescent Display. Bright 0.6" selectable 12 or 24-hour display. Snooze control, 24-hour alarm-on and p.m./p.m. indicators. 2½ x 5½ x 3". UL listed AC. 63-753 19.95

(6) LED Display. 0.6" display with p.m. and alarm indicators. Has snooze bar for catching extra winks in the morning. 2 x 5½ x 3½". UL listed AC. 63-754 9.95

(7) 12/24-Hour LED Display. Choose between 12 or 24-hour readouts. Has soft or loud alarm control, large 0.7" display and snooze control. 2 x 5½ x 3½". UL listed AC. 63-755 14.95

(8) Green LED Display. Green 0.6" display is easy to read and easy on the eyes. Alarm-on and p.m. indicators, snooze control. 2½ x 5½ x 3½". UL listed AC. 63-757 12.95

(9) Jumbo LED Display. Giant 1.8" display makes this clock one of our most popular. 12/24-hour display, snooze, high/low brightness control. 4 x 8½ x 3½". UL listed AC. 63-756 24.95

(10) Uniquely Styled LED Display. Blends in with your modern lifestyle. Oversize 0.9" digits with high/low dimmer. Snooze bar, p.m. indicator. 3½ x 4½ x 4½". UL listed AC. 63-756 14.95

Battery Backup/Battery Sentinel® System

In All AC-Powered Clocks

Battery Backup keeps clock running, without display, for up to eight hours and alarm for ten minutes. Front-panel LED warns if backup battery is weak or missing. Backup requires 9V battery, except 63-906

Prices Apply at Participating Radio Shack Stores and Dealers

120

1295

Was 14.95 in 1987 Catalog

Battery powered. 0.7" display with backlight button. Snooze control p.m. indicator. 1½ x 4 x 2½". Requires "AA" battery. 63-745 12.95

1795

Quartz Precision

■ Brightness Control
■ Blanks When Ignition Off

Mounts in or under dash. Fast/slow time set. 1½ x 3½ x 1½". 12VDC pos./neg. gnd. With hardware. 63-833 17.95

5995

NEW LOW PRICE!

The "write" time! Displays hours, minutes and seconds or month and date. Uses standard Parker-size refill. With RS 392 battery. 63-5077 5.95

Prices Apply at Participating Radio Shack Stores and Dealers
MICRONTA KEEPS YOU UP WITH THE TIMES

Accurate Go-Anywhere Mini Clocks

(1) Mini Travel Alarm. Quartz-controlled analog timekeeper has luminous hands, sweep second hand, carry pouch. 2 1/4 x 2 1/4 x 1 1/6" Requires "AA" battery. 63-716 10.95

(2) LCD Anywhere Clock. Stick-on to your car or boat dash, refrigerator, stove, workbench, anywhere! With slide-in bracket, double-sided tape. So convenient you'll want more than one! 1 1/16 x 3 3/16 x 3/4" With RS 357A battery. 63-836 10.95

(3) Micro Travel Alarm. Just the thing for your overnight bag. Digital LCD display, backlight button for night viewing, 24-hour alarm, alarm-on indicator, snooze control. 1 1/4 x 3 x 1/4" With RS 357A battery. 63-706 12.95

(4) Deluxe LCD Travel Alarm Clock. Dependable backup for hotel wake-up calls. Quartz accurate. Snooze control, backlight button. 3 1/16 x 3 1/16 x 3/4" With RS 357A battery. 63-707 17.95

Digital LCD Quartz Stopwatches

(12) Professional. Audibly indicates start/stop/lap/reset. Times to 9 hours, 59 minutes and 99/100 seconds. With neck cord, RS 357A battery. 63-5010 19.95

(13) Chronograph. Times to 59 min., 59 and 99/100 sec. lap/total time. Reads hour/minute/second or month/date/day. With neck cord, RS 357A battery. 63-5009 19.95

High-Style Precision Wristwatches

(5) VoxWatch®. Synthesized voice announces time hourly or at the touch of a button. Alarm tells time, plays wake-up melody. Five or ten-minute snooze. Stopwatch announces time every five minutes. LCD shows time, date, day of week, and has a p.m. indicator. With RS 393 batteries. 63-5040 39.95

(6) Analog/Digital Chronowatch. Analog dial with hour/minute/second hands plus LCD chronograph. Water-resistant to 98 feet. LCD calendar. With RS 399 battery. 63-5030 29.95

(7) Water-Resistant Analog. Water resistant to 150 feet. Day/date display. Sweep second hand. With RS 399 battery. 63-5065 19.95

(8) Phone Directory/Calculator Watch. Store up to 40 numbers and recall on LCD simply by keying in name or initials. Auto-calendar. Four-function calculator, 12/24 hour display, 24-hour alarm. With RS CR2025 battery. 63-5060 24.95

(9) LCD Chronoalarm. Displays month/day/time or use as a stopwatch. Has 24-hour alarm and selectable hourly chime, auto-calendar. Backlight for dim viewing. With RS 392 battery. 63-5057 14.95

(10) Calculator/Alarm. 24-hour alarm, 4-function 8-digit calculator, auto-calendar. Stainless-steel band. With RS 398A battery. 63-5059 12.95


Alarm Clock/Thermometer

17.95

LCD Display

Shows time in 12 or 24-hour mode, temperature in Fahrenheit or Centigrade. 24-hour alarm with snooze. Backlight 2 1/2 x 3 x 3 1/4". Requires 2 "AA" batteries. 63-730 17.95

Clock/Thermometer

12.95

Displays Temperature In C° or F°

Displays time or temperature at the tap of a button. Has 0.5" display and backlight button. 1 7/8 x 2 7/16 x 5/8". With RS 357A battery. 63-841 12.95

Quartz Guitar Tuner

NEW FOR 88

24.95

Precision-tune your electric or acoustic guitar like the pros! Tuning tolerance, ±5 Hz. On/off/battery check switch 1 1/4 x 2 1/8 x 5 1/2". Requires 9V battery. 63-670 24.95

There's a Radio Shack Store or Dealer Near You—Wherever You Are
ELECTRICAL CONTROLLERS AND ACCESSORIES

Wireless Sonic Remote Control Switch

19.95
- No Cords or Batteries
- Easy Plug-In Installation

Turns On at Dusk, Off at Dawn

Protect your property with light! Use in patio or driveway fixtures. Fits PAR-38 sockets. 150 watts maximum.

61-2775
8.95

Grounded 4 and 6-Outlet Power Strips

14.95
Circuit Breaker Protects Against Dangerous Shorts and Overloads

Safely adds extra grounded outlets in your home, shop or office—anywhere you need them. Six-foot cord and 3-prong plug. Rated 15 amps.

Four-Outlet Power Strip.
61-2620
14.95

Six-Outlet Power Strip. Lighted on/off switch.
61-2619
19.95

Indoor/Outdoor Light Control

8.95

Turns On at Dusk, Off at Dawn

Protect your property with light! Use in patio or driveway fixtures. Fits PAR-38 sockets. 150 watts maximum.

61-2776
6.95

Outdoor Light Control

6.95

Cordless Power Outlet. With circuit breaker, noise filter. Rated 13 amps at 120 VAC.

61-2786
24.95

Immersion Heater

429

Enjoy hot soup and beverages anywhere there’s an AC outlet!

61-2551
4.29

Light Bulb Life-Extenders

399
Package Of 4

Simple Installation

Makes incandescent bulbs last up to 100 times longer. Not for 3-way bulbs. Rated 25 to 200 watts.

61-2725
3.99

AC Outlet Voltage Spike Protectors

29.95

Protect your valuable electronic equipment with Archer® voltage spike protectors! Especially designed to keep AC power line spikes from damaging your stereo, TV, VCR or microwave oven.

Power Strip. Noise filter and circuit breaker. Lighted on/off switch, 5-ft. cord. Rated 15 amps at 120 VAC.

61-2780
29.95

Lighted on/off switch.
61-2786
24.95

Heavy-Duty Single Outlet. Twice the spike protection of standard unit, below. Rated 15 amps at 120 VAC.

61-2791
9.95

Single Outlet. With status indicator light so you know it's working. Rated 15 amps at 120 VAC.

61-2719
7.95

Extensions of All Types

(8) Polarized. 25-FT. 2-Wire Cord.
61-2759
3.49

(9) Grounded 10-FT. Heavy Duty 3-Outlet. For TVS, stereos and power tools. 61-2765
4.29

(10) Grounded 3-FT. Heavy Duty 3-Outlet. A must for your workbench. 61-2764
3.29

(11) 10-FT. Grounded. 61-2749
3.99

Plugs and Line Switch

3.29

(4) Flush Wall Plug. For “wall-hugging” appliances. 61-2703
Pkg. 2/1.69

(5) Line-Cord On-Off Switch. Suitable for lamps and small fans. 61-2713
1.19

Multi-Power Outlets

19.95

4-Outlet. Two-wire type.
61-2702
1.99

3-Outlet. Three-prong type.
61-2705
1.99

6-Outlet. Three-prong type.
61-2622
3.49

Cube Tap and 3-Prong Adapter

349

(1) 3-Outlet Tap.
61-2714
1.69

(2) Grounded Adapter. Converts 3-prong to 2.
61-2720
Pkg. 2/1.07

Light Dimmers

6.95

(6) Rotary. Push on/off. 120 VAC, 600 watts maximum. Incandescent only. Fits standard wall box.
61-2699
6.95

(7) Toggle. Full-range dimming between on/off. Rated as above.
61-2694
6.95

All Products on This Page Are UL Listed for Electrical Safety
LET RADIO SHACK LIGHT UP YOUR LIFE

Our Best Flashlight—Halogen Bulb

- Brighter Beam for Better Visibility
- Sturdy Construction for Long Life

300% brighter than ordinary flashlights. Designed for durability, its water-resistant housing and lens are virtually unbreakable. Keep one in your glovebox and one in your tacklebox. 61-2737 .................. 10.88

Dispensable Krypton Handi-Lite

- Automatically Lights When AC Power Fails
- Handy Wall Bracket and Charger Included

Emergency lighting for power failures! No need to hunt for candles or flashlights when the lights go out because of storms or interruptions in electric service. Automatic light provides extra safety. Also doubles as a powerful cordless lantern—just remove from bracket and use up to two hours. Built-in nickel-cadmium batteries recharge automatically. Extra bulb is stored under lens cover. LED "power-on" indicator. With UL listed charger. 61-2740 ...... 19.95

Hands-Free Utility Headlight

- Puts light where you look and where you need it! Superb for working on the car or checking out the attic. Pivots up and down to illuminate specific work areas. Requires 2 "AA" alkaline batteries. 61-2510 .................. 3.99

Low-Cost Flashlights

- Requires 3 "D" batteries. 61-2635 .... 2.99
- Requires 5 "D" batteries. 68-1022 .... 1.98
- Requires 2 "D" batteries. 61-2640 .... 2.99
- Requires 2 "D" batteries. 61-2639 .... 1.99
- Requires 2 "D" batteries. 61-2624 .... 99c
- Requires 2 "D" batteries. 61-2625 .... 1.49

(1) Searchlight. Throws bright, concentrated beam. Requires 3 "D" batteries. 61-2520 .... 8.99
(2) Five-Cell Flashlight. Brighter than 2-cell types. Requires 5 "D" batteries. 68-1040 .... 1.98
(3) Magnet Light. Holds securely to metal. Requires 2 "D" batteries. 61-2641 .... 1.99
(4) Heavy-Duty "D" Cell. Requires 2 "D" batteries. 61-2625 .... 1.49
(6) Six-Volt Floating Lantern. Projects a quarter-mile beam. Popular for home, car or boat. 61-2520 .... 8.99
(7) Four-Cell Flashlight. Requires 4 "C" batteries. 61-2641 .... 1.99
(8) Heavy-Duty "C" Cell. Requires 2 "C" batteries. 61-2626 .... 1.99
(9) Metal Penlite. Pocket clip. Requires 2 "AA" batteries. 61-2626 .... 1.99
(10) Disposable Cliplite. With battery. 61-2625 .... 1.49

Use Dependable ENERCELL® Alkaline Batteries—See Pages 148-149
**MICRONTA® MULTITESTERS—YOUR BEST VALUE**

### 28-Range FET VOM

- Works Like a Solid-State VTVM
- Jumbo 5-Inch 3-Color Scale
- "Bleep" Continuity Function

Incredible 10-megohm input sensitivity! Well-suited to electronics testing. Measures to 1000 VDC in seven ranges, 1000 VAC in five ranges, DC current to 10 amps, resistance to 100 megohms. Decibels: -20 to +82 dB. Fuse protected. 7¼ x 5½ x 2¼". Requires one 9V, one "C" battery. 22-220.

**49.95**

### 43-Range Multitester

- Range Doubler
- "Bleep" Continuity Function
- Low DC Ranges: 125mV and 25μA

Sensitivity: 50,000 ohms per volt DC. A hobbyist's best friend. Fuse and overload protected. Measures to 1000 VDC in 12 ranges, 1000 VAC in 8 ranges, DC current to 10 amps, resistance to 20 megohms. Decibels: -20 to +82 dB. 8½ x 4¾ x 2¼". Requires one 9V, one "AA" battery. 22-221.

**39.95**

### Rugged 25-Range Foldup Multitester

- Mirrored 3-Color 4" Meter with Shunt Protection When Shut
- Folds for Traveling

Fuse/surge-absorber protected. Sensitivity: 20,000 ohms per volt DC. Measures to 1200 volts DC in seven ranges, 1200 volts AC in five ranges, DC current to 300 mA in four ranges. Resistance to two megohms. Decibels: -20 to +63 in five ranges. Accuracy ± 3% DC, ± 4% AC. Open 7¼ x 4¾ x 1½". Requires "AA" battery. 22-211.

**29.95**

### 18-Range Multitester

Features 3" meter, color-coded and mirrored scale. Sensitivity: 20,000 ohms per volt DC. Measures to 1000 volts DC in five ranges, 1000 volts AC in four ranges, DC to 250 mA in two ranges. Resistance to 2 megohms in three ranges; 0 to +62 in four ranges. Accuracy: ± 3% DC, ± 4% AC. 5¼ x 3½ x 1¾". Requires "AA" battery. 22-201.

**19.95**

### Pocket Multitester

Incredibly easy to use! Fine for a beginner or as a 2nd meter. Sensitivity: 2000 ohms/volt DC. Has 2" meter, color-coded mirrored scale, "off" position for protection during transit. Measures to 1000 volts AC/DC in six ranges. DC current to 150 mA. Resistance to 100,000 ohms. 3½ x 2 x ¾". Requires "AA" battery. 22-212.

**10.95**

### Deluxe Battery Tester

Accurately measures almost any type of battery under load conditions. Ranges: 1.5 volts (1-150 mA), 3, 6, 9, 12, 15, 22.5 volts. 1¾ x 3½ x 5¼". For battery tests only. 22-032.

**10.95**

### Dual-Tracking DC Power Supply

- Offers Choice of Independent or Slave Operation
- Variable 0-15 VDC or Series Up to 30 VDC

The Micronta bench supply delivers rock-stable DC that's easy to adjust to the precise voltages you need. In tracking mode, a single control lets you adjust both voltages simultaneously. Independent mode lets you adjust voltages separately. Switchable volt/amp meter for monitoring the voltage or current of either output. Front panel ground terminal, fuse protected and vented steel cabinet. Maximum current output: 1 amp. 6¼ x 6½ x 4½". UL listed AC. 22-121.

**69.95**

### Clamp-On AC Ammeter And Voltmeter

Includes Inductive Pickup/Multiplier

Measures AC current without direct connection to circuit, and measures AC voltage with included test leads. Clamp jaws permit easy insertion into tight spaces. Lock-switch freezes pointer so you can remove meter for easy reading. Plug-in dual-function inductive pickup/multiplier tests devices with AC cord. Provides 10 readings for low-current tests. Measures to 300 amperes AC in five ranges, to 600 volts AC in two ranges. 4 x 2 x ½". 22-181.

**49.95**

---

All Micronta Multitesters, Digital Multimeters and Clamp-On AC Volt/Ammeter are UL 1244 Listed.
OUR EASY-TO-USE DIGITAL MULTIMETERS

Benchtop Digital LCD Multimeter

99.95 Low As $15 Per Month*

Manual or Autoranging
Minimum/Maximum Hold

Our best! The 31-segment analog bar graph display makes input peaks and trends easier to follow. Transistor checker measures hFE (gain), diode check for semiconductor junctions. Memory function and buzzer continuity checker. Measures to 1000 volts DC, 750 volts AC. AC/DC current to 10 amps. Resistance to 30 megohms. Input impedance: 10 megohms on DCV/ACV ranges, more than 100 megohms on DC 300 mV range. 21/4 x 8 x 43/8" Fuse and overload protected. Requires 4 "C" batteries.

Precision Digital 23-Range Multimeter

59.95

Full Autopolarity Operation
Diode Check Function
"Beep" Continuity Test

The latest in IC technology has gone into the designing of a rugged, accurate and handsome test instrument. It's versatile too—at home on the workbench tracing circuits, in the garage checking auto electrical systems or around the house working on appliances. Input impedance: 10 megohms for DCV/ACV (more than 100 megohms on 300 mV DC). Diode-check mode tests semiconductor junctions for open/short/normal condition. High-contrast 3-2/3-digit LCD display with over-range indication. Measures to 1000 volts DC in five ranges, 750 volts AC in four ranges. DC and AC current to 10 amps in four ranges, each. Resistance to 30 megohms in six ranges. Frequency range: 10 kHz at 30 volts. Built-in stand for hanging or benchtop. Overload and surge-protected. 61/4 x 35/8 x 11/2". With fuse and banana-type test leads. Requires 4 "AA" batteries.

Foldup Autoranging VOM

69.95

Has auto-shutoff, autoranging, diode check mode and "beep" continuity checker. Measures to 1000 volts DC, 500 volts AC, AC/DC current to 10 amps. Resistance to 2 megohms. 107/8 x 53/4 x 11/2", open. It's fused and overload protected. Requires 2 "AA" batteries.

Autoranging Digital VOM

34.95

Just select the function and it does the rest. Diode check mode for testing semiconductor junctions. Measures to 1000 volts DC, 500 volts AC, DC current to 200 mA. Resistance to 2 megohms. 47/8 x 21/4 x 1 3/4". Fused and overload protected. Requires 2 "AA" batteries.

Pocket Autoranging VOM

24.95

Autopolarity
Diode-Check Function

The mighty midget! Big-meter features in a pocket size. "Beep" continuity, pushbutton range selection, low-battery indicator. Measures to 400 volts AC/DC, resistance to 2 megohms. 41/4 x 21/8 x 3 1/2". With 2 RS-357A batteries, miniprobes, folding case.

Test Leads & Clips

(1) Insulated Alligator Clips. Slip over probe tips. 270-354 27.99
(2) Mini Hook Test Clip Adapter. 270-334 27.99
(3) Mini Clip Test Leads. 20" long. Mini clip to banana plug. 278-1160 27.99
(4) Mini-Clip Jumper. 20" long. Mini-clip at each end. 278-016 27.99
(5) NEW! Micro-Test Clip Jumppers. 278-017 27.99
(6) Pin-Tip Test Leads. 36" long. 4 1/4" probe to pin-tip plug. 278-705 27.99
(7) Right-Angle Pin-Tip Test Leads. 36" long. 4 1/4" probe at one end. 90° pin-tip plug at other. 278-712 27.99
(8) Right-Angle Banana Test Leads. 36" long. Probe at one end. 90° banana plug at other. 278-713 27.99
(9) Banana-Plug Test Leads. 36" long. 4 1/2" probe to banana plug. 278-704 27.99
(10) Coiled 6-Foot Leads. Probe at one end. Banana plug at the other. 278-750 27.99
(11) Coiled 30-Foot Leads. Probe at one end. Banana plug at the other. 278-931 27.99
(12) Test Line Cord. 10', round. 278-357 27.99
(13) Insulation Jackets. 278-038 27.99
(14) Wiring Harness. 278-039 27.99
(15) Banana-Plug Replacement. 36" long. 278-710 27.99
(16) Banana-Plug Connector. 278-711 27.99

Handy Tester Case

5.95

Protects Your Meters

Organizes and protects your multimeter and accessories. Provides room for test leads, manuals, spare fuses, extra batteries and probes. Stain-resistant vinyl. Inside measurement: 8 x 51/4 x 2".

All Micronta Multitesters and Multimeters Include Color-Coded Test Leads and Easy-to-Understand Owners’ Manuals.
## Fix It with Soldering Tools and Helpers

### 75-Watt Gun
Pull the trigger for full temperature in seconds. Easy-to-hold molded pistol grip.
UL listed AC.

- **Price**: $10.95

### Switchable Dual-Heat Soldering Iron
Changes from 15 to 30 watts at the flick of a switch. Handles most electronic and electrical projects.
8¼" long. UL listed AC.

- **Price**: $7.95

### Desoldering Iron
Easy-to-Hold "One-Hand" Design

- **Price**: $6.95

### 10-Piece Electronic Tool Set
Includes UL listed AC 30-watt soldering iron, stand, solder, soldering helper, needle-nose pliers, diagonal cutter, three screwdrivers, and a heat sink.

- **Price**: $14.95

### Soldering Irons and Guns

<table>
<thead>
<tr>
<th>Fig</th>
<th>Description</th>
<th>Watts</th>
<th>Cat No</th>
<th>Each</th>
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<tr>
<td>6</td>
<td>Handle</td>
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<td>64-2080</td>
<td>5.99</td>
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<tr>
<td>7</td>
<td>600-650°F Heating Unit</td>
<td>23</td>
<td>64-2081</td>
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<td>8</td>
<td>750-850°F Heating Unit</td>
<td>33</td>
<td>64-2082</td>
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<td>9</td>
<td>Light, Med., Heavy Duty Tips (3 Pack)</td>
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<td>64-2084</td>
<td>2.99</td>
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<td>10</td>
<td>Iron-Clad Light-Duty Tips (2 Pack)</td>
<td></td>
<td>64-2089</td>
<td>4.49</td>
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</table>

### Project Holders and Soldering/Desoldering Helpers

- **Vacuum-Base Mini Vise**: Instantly mounts on smooth surfaces. 2¼" x 2¼" x 2½" (64-2094) $3.29
- **Soldering Iron Holder and Cleaner**: Coils holds iron. Sponge pad keeps tip clean. (64-2095) $2.99

- **Desoldering Bulb**: Teflon tip. Instantly mounts on any position. (64-2093) $7.49
- **Desoldering Braid**: 64-2090 $1.39
- **"Helping Hands" Project Holder**: Holds work in any position. (64-2098) $4.95
- **Vacuum Desoldering Tool**: Spring-loaded design. Includes extra tip. (64-2120) $6.95

### Multipurpose Self-Contained Pocket Gas Torches

- **Gas Torches**: Butane and two micronox cylinders, two tips.

<table>
<thead>
<tr>
<th>Fuel</th>
<th>Price</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butane cyl. 64-2166</td>
<td>$25.95</td>
<td>Heats to 5000°F</td>
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<td>Butane cyl. 64-2166 Pkg.</td>
<td>$23.95</td>
<td></td>
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<tr>
<td>Butane cyl. 64-2166 Pkg. 2/2.59</td>
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</tbody>
</table>

### Solder-Weld
Silver bearing solder paste. Works with a lighter or soldering iron.

- **Price**: $2.59

### Soldering Set
Everything you need! UL listed AC 30-watt iron, stand, rosin core solder, soldering helper, heat sink and instructions.

- **Price**: $5.95

### Rosin Core Solder

- **Standard, Light or Special PC**
- **Meets QQ-571E Federal Requirements**

<table>
<thead>
<tr>
<th>Description</th>
<th>0.5-oz</th>
<th>1.0-oz</th>
<th>1.5-oz</th>
<th>2.5-oz</th>
<th>5.0-oz</th>
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<tbody>
<tr>
<td>Handy Pak</td>
<td>062</td>
<td>062</td>
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<td>032</td>
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<td>Standard</td>
<td>062</td>
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<td>032</td>
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<tr>
<td>Light Duty</td>
<td>032</td>
<td>050</td>
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<tr>
<td>PC Work</td>
<td>050</td>
<td>050</td>
<td>050</td>
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<td>050</td>
</tr>
</tbody>
</table>

### Prices Apply at Participating Radio Shack Stores and Dealers
### Screwdrivers

**6" Locking Forceps**

- **Stainless Steel**
- Use as a Wrench
- Three-position lock. Use as temporary heat sink and for holding parts. Curved, serrated tip.
- 64-1864, 4.95

**4" Locking Pliers**

- **Stainless Steel**
- Use as a Wrench
- A must for your tool box. Cut wire, bend light-gauge sheet metal, pull cotter pins, hold parts. 6" long.
- 64-1866, 4.79

### Electronic STUDFINDER

- Locates Studs Without Punching Holes
- LEDs Help Find Exact Center of Wall Studs And Ceiling Joists
- No more guesswork! It's easy to use and finds studs fast. STUDFINDER operates electronically and measures changes in wall density to accurately locate wooden studs or metal frames. Finds exact center for safe and secure hanging of shelves, clocks and pictures. Even use it to find ceiling joists for hanging lights and ceiling fans. Also locates pipes, electrical wires, conduit and braces.
- Requires 9V battery.
- 64-2825, 19.95

### TV Tool Sets

- **5-Piece**
- Two slot and eight hex tips fit most color TVs.
- 64-2220, 2.99
- For most RF/IF transformers.
- 64-2223, 1.99

### Nibbling Tool

- Neatly cuts up to 18-gauge steel, 1/16" copper, aluminum and plastic.
- 64-8238, 9.50

### Hex Key Set

- **2-Piece**
- Two temper-steel keys to fit popular hex nuts. Complete range of short and long arm sizes.
- 64-1849, 2.49

### Mini Drill

- Two Extra Bits In Handle
- For PC boards and light material.
- 3/8" long.
- 64-2097, 3.29

### Reamer

- Carbon Steel
- Cuts holes up to 1/2 diameter in light-gauge aluminum and plastic.
- 64-815, 3.49

### Knife Set

- Ten interchangeable steel blades for delicate cutting.
- 64-1801, 3.99

### Mini Screwdriver Set

- For Delicate Work
- Set of three.
- 64-1982, 1.49

### Tool Sets for Detail Work

- **16-Pc. Tool Set**
- Deluxe Set
- Has Phillips, nutdrivers, hex keys, screwdrivers and a torque bar.
- 64-1961, 8.95
- Thumbwheel focus. 5 1/2" long. Requires 2 "AA" batteries.
- 63-850, 9.95

### Magnifier

- **Illuminated 30-Power Microscope**
- Puts Light Directly Onto Object
- Examine jewelry, microcircuits, stamps and other small objects. Excellent pocket-size field microscope for school science classes. Thumbwheel focus. 5 1/2" long. Requires 2 "AA" batteries.
- 63-850, 9.95
WIRE IT WITH ARCHER® TOOLS & ACCESSORIES

Spring-Action

(1) 5¼" Long-Nose Pliers. 64-1812 5.99
(2) 4¼" Diagonal Cutters. 64-1813 5.99

Good Quality

(1) 3¾" Long-Nose Pliers. 64-1841 3.79
(2) 4¼" Diagonal Cutters. 64-1841 3.79

Super Value

(1) 6½" Long-Nose Pliers. 64-1844 3.29
(2) 6" Diagonal Cutters. 64-1845 3.29

All-Purpose Wiring Tool

6" long-nose pliers with built-in wire stripper, cutter, crimpler and nut wrench. 64-1847 3.99

Nippy Cutters

Flush-cutting design lets you trim leads close to printed circuit boards. 5¼" long. 64-1833 2.99

"Pro"-Quality Wire Stripper

You get nick-free strips every time with this spring-action tool. 7¼" long. 64-1919 9.95

"Dial" Stripper

Just set the dial to perfectly strip 12 to 24-gauge wire. Insulated grips. 64-1952 3.59

Crimping Tool

Cushioned Handles 4.49 Pkg. of 10 1.69 Per Pkg.

Insulated Wire Staples

(9) Mini. Suitable for modular phone wiring. 64-2876 Pkg. of 50/79¢
(10) Standard. For alarm and speaker wiring. 64-2875 Pkg. of 40/79¢

Phone Wiring Crimp Tool

Cushion Grips 5.99 Pkg. of 10 1.69 Per Pkg.

Insulated Wire Splices

(1) 3/16" x 4/5" x 1/8" 5 of 16 1.69
(2) 5/32" x 4/5" x 1/8" 6 of 18 1.69
(3) 5/32" x 5/32" x 1/8" 6 of 20 1.69
(4) 1/16" x 5/32" x 1/8" 6 of 24 1.69

Radio Shack Phone Wire Crimper

64-410 64-3073

Crimp Lugs

Ring, Hook, Large and Small Spades. Five types 64-406 Pkg. of 100/1.69
Insulated Lugs. Three types 64-407 Set of 75/1.69

Storage Boxes

Low As 1.19 Each

Wire Tap-Ins

Pkg. of 10 1.69

Handle Assortment

Bargain bag! One pound of popular electrical hardware items. 64-2890 1.69

Hardware Handy-Packs

Only 99¢ Per Pack

(1) Round-Head Machine Screws. 14 each of 2-56 x 1¼", 1/8" and 3/16" 64-3010
4-40, lengths as above 64-3011
6-32, lengths as above 64-3012
(2) Pan-Head Sheet Metal Screws. Five each of these types: #4 x 3/8", #6 x 3/8", #8 x 1¼", #10 x 3/8" 64-3016
(3) Steel Machine Hex Nuts. 40 each: 2-56 64-3017
30 each: 4-40 64-3018
30 each 6-32 64-3019

Metric Control Nuts. Seven each of 13.0 x 2.4 and 15.0 x 2.0. Six each: 15.0 x 1.5 64-3063
(5) Steel Flat Washers. 20 each of #4, #6, #8, #10 64-3022
(6) Aluminum Spacers. Pack of 24 64-3024
(7) Vinyl Grommets. Seven each. ½", ¾", 1". Five each. ¾", 1" 64-3025
(8) Wire Connectors. 16 assorted, for sizes 18-12 64-3026
(9) Polypropylene Cable Clamps. Pkg. of 15 64-3028
(10) Solderless Ring Tongue. Pkg. of 24 64-3030
(11) Solderless Spade Tongue. Pkg. of 24 64-3031
(12) Solderless Insulated Ring Tongue. Four each: #6 (22-18), Two each: #8 (22-18), #6 and #8 (16-14) 64-3032
(13) Solderless Insulated Spade Tongues. Assorted as above 64-3033
(14) Solderless #10 Spade Tongues. 12 each (22-18), (16-14). 64-3034
Same as above, but five each 64-3035
(15) Butt Connectors. 10 each: (22-18) and (16-14) 64-3036
(16) Insulated Butt Connectors. Pkg. of 10 64-3037
(17) Male Quick-Connectors. Pkg. of 8 64-3038
(18) Female Quick-Connectors. Pkg. of 8 64-3039
(19) Insulated Large Ring Tongues. Pkg. of 6 64-3040
(20) Nylon-Insulated Closed-End Connectors. Five each: (22-14), (16-10) 64-3041
(21) Solderless Spade. Pkg. of 10 60-3042
(22) Solderless Flanged Spade. Pkg. of 24 64-3043
(23) Solderless Insulated Flanged Spade. Pkg. of 8. For 22-14 wire size. 64-3044
(24) Female Flag Quick-Disconnect. Pkg. of 10 64-3046
(25) Bullet Connectors. Insulated. Pkg. of 10 64-3047
(26) Solderless Insulated Male/Female Quick-Disconnects. For 22-14 wire size. 64-3049
(27) Single Female to Dual Male Quick-Disconnect. Three right angle, three offset. 64-3051
(28) Insulation-Piercing Telephone Spade Lug. 24 for #22-26 AWG wire. Use Radio Shack Crimper #64-410 64-3070
(29) Telephone Insulated Butt Connectors. 24 for #22-26 AWG wire. Use Radio Shack Phone Wire Crimper #64-410 64-3073
(30) Telephone Insulated Butt Connectors. 24 for #22-26 AWG wire. Use Radio Shack Phone Wire Crimper #64-410 64-3073

See Page 92 for Information on Large-Quantity Discounts
CHEMICALS, ADHESIVES, TAPES, MAGNETS

Handy Aerosol Sprays
(1) TV Tuner Cleaner. Cleans dirty contacts in mechanical TV tuners. Also effective on "scratchy" volumes and tone controls. 6 oz. 64-2315 1.69
(2) Dust Remover. For cleaning circuits, cameras, key-boards, copiers, projectors. 6 oz. 64-2325 1.99
(3) Rosin Flux Remover. Removes soldering flux de posits from electronic circuits. 6 oz. 64-2324 1.89
(4) Cleaner/Degreaser. Sprays away oil, dirt and grime from circuits and components. 8 oz. 64-2322 1.99
(5) Color-TV Tuner Cleaner. Our concentrated formula for mechanical color-TV tuners. 6 oz. 64-2320 2.29
(6) Component Cooler. Spray on components to spot thermal defects. Net weight 6 oz. 64-2321 2.29

Bonding Adhesives
(7) NEW LOW PRICE! Twin-Tube Epoxy. Easy to use. Meters out resin and hardener simultaneously in the proper amounts. Bonds wood, metal, glass and most plastics. Was $2.59 in '87 catalog. 64-2313 2.49
(8) Instant Bonding Glue. Just a drop bonds most non porous materials in seconds. 64-2308 1.49
(9) NEW LOW PRICE! All-Purpose Adhesive. Suitable for china, glass, wood and metal. No-clog applicator. Was $1.49 in '87 catalog. 64-2307 1.39
(10) NEW LOW PRICE! Rubber Sealant. Silicone sealer bonds and caulks. Applies evenly with handy applicator tip. Moisture resistant. Was $3.29 in '87 catalog. 64-2309 1.39

10 kV Dielectric Tape
Low As 49c
1/4" Wide. 12 1/2-foot roll. 64-2348 49c
3/4" Wide. 20-foot roll. 64-2349 79c
3/4" Wide. 66-foot roll. 64-2350 1.29

Heat-Shrinking Tape
2 49
10-Foot Roll
Use where shrink tubing can’t be used. This 3/4"- wide tape shrinks 30% lengthwise at 275°F. 64-2335 2.49

Copper Foil Shielding Tape
2 99
10-Foot Roll
For RFI/EMI shielding of computer equipment and hookups, motors, RF cir- cuits, 1/2" wide. 64-2341 2.99

Reinforced Tape
2 49
30-Yard Roll
Embedded nylon fibers for super strength. Ideal for strapping heavy boxes and moving jobs. 1" wide. 64-2351 2.49

Packaging Tape
2 49
165-Ft. Roll
For sealing packages, boxes and envelopes. Strong 2" wide tape forms an air-tight seal against moisture and dust. 64-2339 2.49

Two-Sided Foam Tape Assortment
1 49
40-Inch Roll
The quick way to attach accessories to car dash, TV or phone. 1/4" wide. 64-2343 1.49

Electrical Tape
1 89
Five Colors
PVC vinyl tape. Includes five 3/4"-wide by 12-foot rolls. 64-2340 Set 1.89

Two-Sided Foam Tape Strips
1 89 Pkg. Of 8
These 1" x 3" strips are a great choice for attaching car and phone accessories. 64-2344 1.89

Hook-and-Loop Fasteners
1 89 Pkg. Of 4
Self-stick 3" strips are excellent for attaching speaker grille cloth. 64-2345 1.89

Ceramic Magnets
1/2" Button 84-1880
1/4" Round 84-1885
1" Rect. 84-1875
10-24 16-20 25-99 100-Up
16 Each Each Each
15 Each Each Each
13 Each Each Each
19c Each

High-Energy Magnet
1 99
You’ll find many uses for this powerful ceramic magnet. 1/8" x 1/8" x 1/8" 64-1877 89c

Precision Oiler
1 49
Use on electronic equipment, tools, toys, appliances. Needle applicator tip eliminates waste. Resists dust and doesn’t coagulate. 64-2301, 1.49

Lube Gel
2 49
Formulated for small motors, tools and door hinges. With Teflon*. Water resistant and dust resistant. 64-2326 . 2.49

Hot Melt Glue Gun
8 99
Built-In Stand
With Three Glue Sticks
There’s no better way to repair broken or torn items, glue ceramic tile, seal windows and assemble models. UL listed AC. 64-2891 8.99

Five Hot Melt Glue Sticks.
64-2866 Pkg. of 5/1.39

Self-Sticking Cushion Feet
8 99 Pkg. Of 12
Protect countertops and furniture. Just peel and stick to radios, calcula tors, test equipment. 64-2846 89c

Self-Sticking Clear Feet
9 99
Protect furniture and countertops. Just peel and stick. Package of 12. 64-2365 99c

Jumbo-Size Cushion Feet
1 29 Pkg. of 8
Self-sticking ¾" square cushions. Just right for VCRs, computers, other big items. 64-2342, 1.29

Magnetizer
1 99
Magnetize screwdrivers so you can pick up small screws. 64-1870 1.99

Magnetic Tape
1 99
Use this self-stick tape to attach signs and small tools to iron or steel surfaces. 64-1890 99c

There’s a Radio Shack Store or Dealer Near You—Wherever You Are
RADIO SHACK IS YOUR 1-STOP PARTS SOURCE
We Can Supply Popular Tubes, ICs, Semiconductors and Crystals

Fast “Hotline” Service From Our Warehouse
Your nearby Radio Shack store can special-order thousands of parts and accessories not listed in this catalog. These items include Realistic® long-life tubes, linear and digital ICs, microprocessors and support chips, transistors, diodes, plus modules for TV/audio equipment. Also available are phono cartridges and styli, crystals for CBs, scanners and microprocessors, paper refills for calculators, remote controls for phone answerers, and selected computer accessories.

No Minimum Order! No Postage Charges!
Our store manager will check our special in-store substitution list and place your order on our telephone “hotline”. Your order will be sent directly to your nearby Radio Shack store and we’ll notify you when it arrives. Delivery time for most items is approximately one week. This service gives you convenient one-stop shopping and there’s never a handling charge or minimum order requirement. Come in and order today—we’re ready to serve you!

Computer/Game Joysticks

Jet Fighter. “Fire” buttons on handle and base. Four-foot cable, 9-pin connector. 270-1701 10.95

NEW! Super-Deluxe Competition Joystick. Two “fire” buttons plus an auto-fire control for releasing a continuous stream of “bullets”. Six micro-switch actuators. Stabilizing suction cups on base. Ideal replacement/upgrade joystick for a variety of non-Radio Shack computers and games. 270-1703 14.95


Replacement Antennas

(1) General Purpose
(2) Cordless Phone Base
(3) Cordless Phone Handset
(4) Universal Handset

Restore original range and performance to cordless phones, walkie-talkies and portable radios. #270-1409 is New for ’88 and has an L-mounting bracket.

Audio Amp With Built-In Speaker

11.95

Ideal for Use as a Test Amplifier or in Computer Voice-Synthesis and Sound-Output Circuits

This compact, ready-to-use audio amplifier features high-gain IC design and 200-milliwatt output. Dozens of uses, one belongs on every test bench! Has rotary on/off/volume control, 1/8” phone jack for input, 1/8” phone jack for connecting an external speaker or earphone. Durable molded case. 3⅛ x 3⅛ x 1⅜”. Requires 9V battery. 277-1008...

SPST Reed Relays

1.69 Each

Approx. 1” x ¾”. Contacts rated 1 amp at 125 VAC.

Micromini Relays

1.89 Each

Only ⅝” x ⅝” x ⅛”. SPDT contacts: 1 amp at 125 VAC.

SPDT DIP Relay

1.99 Each

Fits 14-pin DIP socket or PC board. ⅛” x ⅝” x ⅛”. Contacts rated 2 amps at 125 VAC.

Mini SPDT Relay

2.79 Each

Great for limited-space projects. ⅛” x ⅝” x ⅛”. Contacts rated 10 amps at 125 VAC.

10-Amp DPDT Relays

5.49 Each

For plug-in use or chassis mounting. ⅛” x ⅜” x ⅜”. DPDT contacts rated 10 amps at 125 VAC.

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1.99 Each

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Mini SPDT Relay

2.79 Each

Great for limited-space projects. ⅛” x ⅝” x ⅛”. Contacts rated 10 amps at 125 VAC.

10-Amp DPDT Relays

5.49 Each

For plug-in use or chassis mounting. ⅛” x ⅜” x ⅜”. DPDT contacts rated 10 amps at 125 VAC.
Panel-Mount Switches—Complete With Hardware and Pin Diagram

**Lighted AC Switches**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Features</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 VAC SPDT Push-On/Off</td>
<td>3 amps at 120 VAC, 12-volt lamp. Body size: 3/4 x 1/8 x 3/4&quot;. UL listed.</td>
<td>275-676</td>
<td>1.99</td>
</tr>
<tr>
<td>SPST Center-Off</td>
<td>1.99</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPDT</td>
<td>2.19</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPDT Center-Off</td>
<td>2.39</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPDT Center-Off, 275-653</td>
<td>2.49</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Momentary and Push On/Off Switches**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Features</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPDT</td>
<td>3 amps at 125 VAC. With on/off label plates. Body: 1/2 x 1 1/4 x 1&quot;. Mount in 7/16&quot; hole.</td>
<td>275-602</td>
<td>1.19</td>
</tr>
<tr>
<td>SPDT, 275-666</td>
<td>1.39 Toggle Switch Set. Includes one DPDT and two SPST.</td>
<td>275-322</td>
<td>3.59</td>
</tr>
<tr>
<td>DPDT, 275-635, 2.69 SPST.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPDT, 275-636, 2.99 DPDT Momentary. Returns to center off position.</td>
<td>275-637</td>
<td>3.19</td>
<td></td>
</tr>
</tbody>
</table>

**Car Switch Panels**

Ready-to-mount underdash panels include SPST switches rated for 12 VDC use only. Perfect for switching car accessories and lighting, and can be used in low-voltage projects. Quick disconnect terminals. Lighted switches include long-life 12-volt bulb/bulbs.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Features</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual Lighted Flip Switch</td>
<td>Switches rated 16 amps at 12 VDC.</td>
<td>275-707</td>
<td>4.99</td>
</tr>
<tr>
<td>Lighted Rocker Switch</td>
<td>Rated 20 amps at 12 VDC.</td>
<td>275-704</td>
<td>3.99</td>
</tr>
<tr>
<td>Single Lighted Flip Switch</td>
<td>Rated 16 amps at 12 VDC.</td>
<td>275-703</td>
<td>2.99</td>
</tr>
<tr>
<td>Dual Flip Switch, Switches rated 16 amps at 12 VDC.</td>
<td>275-702</td>
<td>2.89</td>
<td></td>
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</tbody>
</table>

**Automotive Switches**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Features</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lighted SPST</td>
<td>Handle lights when on.</td>
<td>275-706</td>
<td>2.19</td>
</tr>
<tr>
<td>20 amp Switches</td>
<td>2.19</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPST, 275-708</td>
<td>1.89</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPDT, 275-407</td>
<td>2.79</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy-Duty, Rated 3 amps at 125 VAC.</td>
<td>275-704</td>
<td>1.99</td>
<td></td>
</tr>
<tr>
<td>SPST, 275-406</td>
<td>2.69</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPDT</td>
<td>275-407</td>
<td>2.79</td>
<td></td>
</tr>
<tr>
<td>Rotary-Style Switches</td>
<td>275-408</td>
<td>3.19</td>
<td></td>
</tr>
<tr>
<td>Kit, 0.5 amp at 125 VAC.</td>
<td>275-603</td>
<td>1.19</td>
<td></td>
</tr>
<tr>
<td>SPDT</td>
<td>275-602</td>
<td>1.19</td>
<td></td>
</tr>
<tr>
<td>DPDT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPDT Center-Off</td>
<td>275-601</td>
<td>1.29</td>
<td></td>
</tr>
<tr>
<td>SPDT Center-Off</td>
<td>275-602</td>
<td>1.29</td>
<td></td>
</tr>
<tr>
<td>SPST</td>
<td>275-603</td>
<td>1.29</td>
<td></td>
</tr>
<tr>
<td>SPST Center-Off</td>
<td>275-604</td>
<td>1.29</td>
<td></td>
</tr>
<tr>
<td>SPDT Center-Off</td>
<td>275-605</td>
<td>1.29</td>
<td></td>
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</tbody>
</table>

**Rocker-Type Switches**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Features</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 amp Switches</td>
<td>2.19</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPDT</td>
<td>275-690, 1.89</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPDT Center-Off</td>
<td>2.49</td>
<td></td>
<td></td>
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</tbody>
</table>

**Lever-Type Switches**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Features</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roller Lever</td>
<td>Operating force 5 grams. 3 amps at 250 VAC. 3/8 x 1/8 x 1/2&quot;. UL listed.</td>
<td>275-017</td>
<td>1.59</td>
</tr>
<tr>
<td>Lever</td>
<td>275-016, 1.49</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DIP Switches**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Features</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-Position SPST switches for digital and low-current use.</td>
<td>275-018</td>
<td>1.69</td>
<td></td>
</tr>
<tr>
<td>Each</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>8</td>
<td>275-1300</td>
<td>1.69</td>
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</tr>
<tr>
<td>4</td>
<td>275-1304</td>
<td>1.29</td>
<td></td>
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</tbody>
</table>

**Slide Switches**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Features</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>Submini, Rated 0.3 amp at 125 VAC</td>
<td></td>
<td>275-011</td>
<td>1.29</td>
</tr>
<tr>
<td>SPST</td>
<td>275-401, 0.99</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPDT</td>
<td>275-402, 1.39</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kit</td>
<td>0.5 amp at 125 VAC.</td>
<td>275-603</td>
<td>1.19</td>
</tr>
<tr>
<td>One each: DPST, DPST</td>
<td>275-604</td>
<td>1.19</td>
<td></td>
</tr>
</tbody>
</table>

**Underdash Bracket**

Mounts two switches with 1/8" bushing. 275-705 | 69c

Quantity Discounts Available at Participating Stores and Dealers—See Page 92
PLAY IT SAFE! ARCHER' FUSES AND HOLDERS

Fast-Acting, 11/4 x 1/4"  

<table>
<thead>
<tr>
<th>Amps</th>
<th>Cat. No.</th>
<th>Amps</th>
<th>Cat. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4</td>
<td>290-785</td>
<td>1/2</td>
<td>290-786</td>
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Slow-Acting, 11/4 x 1/4"  

<table>
<thead>
<tr>
<th>Amps</th>
<th>Cat. No.</th>
<th>Amps</th>
<th>Cat. No.</th>
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<tbody>
<tr>
<td>1/4</td>
<td>290-785</td>
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<tr>
<td>4</td>
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<td>290-790</td>
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<tr>
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<td>290-791</td>
<td>11</td>
<td>290-792</td>
</tr>
<tr>
<td>12</td>
<td>290-793</td>
<td>15</td>
<td>290-794</td>
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</tbody>
</table>

Fuses for TVs, VCRs, HiFi, CBs, Appliances and Testers

(1) Panel-Mount. Modern look square bezel. AV long, requires UL recognized. 270-1256

(2) Slow-Acting, 11/4 x 1/4"  

<table>
<thead>
<tr>
<th>Amps</th>
<th>Cat. No.</th>
<th>Amps</th>
<th>Cat. No.</th>
</tr>
</thead>
<tbody>
<tr>
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<td>290-785</td>
<td>1/2</td>
<td>290-786</td>
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<td>8</td>
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</tr>
<tr>
<td>12</td>
<td>290-793</td>
<td>15</td>
<td>290-794</td>
</tr>
</tbody>
</table>

(3) Ceramic Fuses. For microwaves. Pkg. of 2/1.99

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Amps</th>
<th>Cat. No.</th>
</tr>
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<tr>
<td>270-1256</td>
<td>10</td>
<td>270-1257</td>
</tr>
<tr>
<td>270-1265</td>
<td>15</td>
<td>270-1267</td>
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</table>

(4) Fast-Acting, 5 x 20 mm  

<table>
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<th>Cat. No.</th>
<th>Amps</th>
<th>Cat. No.</th>
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<tbody>
<tr>
<td>0.315</td>
<td>270-1249</td>
<td>0.4</td>
<td>270-1250</td>
</tr>
<tr>
<td>0.5</td>
<td>270-1252</td>
<td>0.6</td>
<td>270-1254</td>
</tr>
<tr>
<td>0.75</td>
<td>270-1256</td>
<td>1</td>
<td>270-1258</td>
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</table>

(5) Slow-Blow, 5 x 20 mm  

<table>
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<th>Cat. No.</th>
<th>Amps</th>
<th>Cat. No.</th>
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<tbody>
<tr>
<td>1</td>
<td>270-1171</td>
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<td>270-1173</td>
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<td>270-1175</td>
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<tr>
<td>5</td>
<td>270-1176</td>
<td>6</td>
<td>270-1177</td>
</tr>
</tbody>
</table>

Vehicle Fuse Tester & Tool  

199 Tests "Blade" and Glass-Tube Fuses  

99c Easy Insertion And Removal  

Vehicle Fuse Tester. Easy to use! Tests automotive fuses without removing them from holders. Indicator lamps light if fuse is blown. 12 VDC only. No driver should be without it!

Universal Fuse Tool. Non-conductive tool lets you remove fuses from holders and install them without damage. Works great with plastic blade and glass fuses. A "must" for every car! 270-1199

AC-Surge Absorbers  

Low As 1.59

Low-Cost "Insurance"

Metal Oxide Varistors. Divert power-line voltage "spikes" before they can damage computers, VCRs and other sensitive electronic equipment. Easy to install

Standard MOV, 276-570 1.59

Heavy-Duty MOV, 276-568 1.99

Precision Panel DC Voltmeter  

795 0 to 15 Volts DC

Just right for monitoring car electrical system or power supply volat-

gage. Jeweled movement. Accuracy, ± 5% full scale. 2 3/4 x 2 1/4 x 1/2" round mtg. hole. 270-1754 7.95

Hi-Fi Electret Mike Elements  

Upgrade Old Mikes

(23) PC-Mount Omnidirectional. Operates 210 VDC with low current drain. Response 20 to 15kHz, 6.8 mm high 270-090 1.19

(24) Omnidirectional. With leads. 4-10 VDC. 30 to 15,000 Hz response. 1/4 x 1/4" dia. 270-092 2.79

Large-Quantity Discounts Available—See Page 92
Our Quiet Fans Help Preserve Equipment

Low As 14.95

Solve Heat Problems in Computers, Audio Amps and Ham Equipment

UL Recognized Power Transformers

Seven popular values for new equipment or replacement. Mini types may be PCB-board mounted. Standard and heavy-duty types have lugs for chassis mounting. All primaries are for 120 VAC. 60 Hz. CT = center tap.

<table>
<thead>
<tr>
<th>Type</th>
<th>Volts</th>
<th>Current</th>
<th>Size in inches</th>
<th>Cat. No.</th>
<th>Each</th>
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<tr>
<td>Miniature</td>
<td>12.6</td>
<td>300 mA</td>
<td>2 1/4 x 1 1/4 x 1 1/4</td>
<td>273-1355</td>
<td>3.29</td>
</tr>
<tr>
<td>Miniature</td>
<td>12.6 CT</td>
<td>450 mA</td>
<td>1 1/4 x 2 1/4 x 1 1/4</td>
<td>273-1356</td>
<td>3.95</td>
</tr>
<tr>
<td>Miniature</td>
<td>25.2 CT</td>
<td>450 mA</td>
<td>1 3/4 x 2 1/4 x 1 1/4</td>
<td>273-1357</td>
<td>4.69</td>
</tr>
<tr>
<td>Standard</td>
<td>12.6</td>
<td>1 2/4</td>
<td>1 3/4 x 2 1/4 x 1 1/4</td>
<td>273-1358</td>
<td>5.79</td>
</tr>
<tr>
<td>Heavy-Duty</td>
<td>12.6</td>
<td>3.0 A</td>
<td>2 1/4 x 2 1/4 x 2 1/4</td>
<td>273-1359</td>
<td>7.99</td>
</tr>
<tr>
<td>Heavy-Duty</td>
<td>18.0</td>
<td>2.0 A</td>
<td>2 1/4 x 2 1/4 x 2 1/4</td>
<td>273-1360</td>
<td>7.99</td>
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<tr>
<td>Heavy-Duty</td>
<td>25.2</td>
<td>2.0 A</td>
<td>2 1/4 x 2 1/4 x 2 1/4</td>
<td>273-1361</td>
<td>7.99</td>
</tr>
</tbody>
</table>

Color-Coded Test Cables

Secure Connections for Easy Testing

(9) Set of Ten Test Cables. 14" long, insulated mini 'gator clip at each end. 278-1156 3.99
(10) Set of Four Test Cables. 30" long, with insulated clip at each end. 278-001 3.49
(11) Set of Eight 24" Cables. Four colors, insulated clip at each end. 278-1157 3.95
(12) Set of Six Heavy-Duty Cables. 40" long, Claw-type clip at each end. 278-002 3.99

Audio Transformers

(7) NEW! 1:1 Audio Transformer. For telephone interconnects, interstage coupling, remote broadcasts, more. Impedance, 600 to 900 ohms. Isolation, 100 meg-ohms at 250 VDC. 273-1374 3.49
(8) Audio Output. 1000-ohm center-tapped primary, 8-ohm secondary. 3/4 x 3/4 x 3/4. 273-1380 1.29

Banana Plugs, Binding Posts and Test Clips

(18) Solderless Banana Plugs. Insulated. fit standard banana jacks. Knurled collar. 2" long One red, one black. 274-721 $2.29
(19) Flexible Banana Plugs. With flexible insulation and strain relief. Solder-type. One red, one black. 274-730 $1.00
(20) Banana Jacks. Insulated. Requires 1/8" mounting holes. Fiber washers, solder lugs. One red, one black. 274-735 $2.49
(21) Insulated Binding Posts. Versatile—they accept spades, phone lugs, banana plugs, wire Two red, two black. 274-661 $1.89
(22) Nylon Binding Posts. Insulated. For 1/8" mounting holes. Accept up to 14-gauge wire One red, one black. 274-662 $1.39
(23) Micro Flat Test Clips. Thin design and 90° hook bend make these perfect for IC testing. Spring action. 1/16" long. One red, one black. 270-336 $1.29
(24) Rainbow Pack of Micro Test Clips. Use when you need more than red and black for tests and temporary hookups. Spring action. 1/16" long. 270-335 $1.29
(25) Micro Test Clips. Great for tests on high-density boards. Spring action. 1/16" long. One red, one black. 270-370 $1.29
(26) Mini Test Clips. Like (24) above, but 1/8" long. Set includes one red and one black. 270-372 $1.29
(27) Test Clips. 1/16" long, open to 3/16" Brass-plated steel. Five red and five black. Solder type. 270-1540 $2.09
(28) Test Clips. 1/16" long, open to 3/16" Brass-plated steel. Five red and five black. Solder type. 270-1539 $2.09
(29) 1/8" Test Clips. Open to 3/16" Screw terminals. Five red, five black. 270-375 $1.29
(30) 1/8" Test Clips. Open to 3/16" Screw terminals. Five red, five black. 270-376 $1.29
(31) Mini Clips. 1/16" long, open to 3/16" Screw terminals. Five red, five black. 270-377 $1.29
(32) 1/8" Mini Clips. Open to 3/16" Screw terminals. Five red, five black. 270-378 $1.29
(33) Heavy-Duty Clips. Rated 10 amps. 2 1/2" long, open to 1 1/4" Screw terminals. Two black, two red. 270-349 $5.49
(34) "Regular" Car Battery Clips. Rated 10 amps. 2 1/2" long, open to 1 1/4" One red, one black. Solder or crimp. 270-348 $4.95
(35) "Jumbo" Clips. 30 amps. Ideal for hookup to car battery posts. 3 4/5" long, open to 1 1/4" One red, one black. Solder or crimp. 270-347 $5.49
(36) 50-Amp Clips. For heavy-duty jobs such as repairing jumper cables or battery chargers. 4" long, open to 1 1/4" One red, one black. Solder or crimp. 270-346 $5.49
SHOP THE SHACK® FOR YOUR WIRE AND CABLE

2-Conductor Speaker Wire

Zip Cord Specials
(2) Twin-conductor stranded copper wire with plastic jacket.


Shielded Cable
Spiral or Braided Shield
Low-loss cable for mikes, audio and consumer electronics. All copper conductors.

249 Each
Solid or Stranded
3 Spools, 3 Assorted Colors

Hook-Up Wire Packs

Telephone Cable
(8) 4-Conductor Cable. Solid 24-gauge copper conductors. Color-coded. 50 Feet. 278-372 5.49 100 Feet. 278-373 10.95 4-Conductor Bulk. Sold by the foot. Price Per Foot/10ft 10 Feet. 278-3120 13.95 (9) 6-Conductor. For phones and alarms. 100 Feet. 278-374 19.95 (10) Modular Cable. Four conductors. 25-gage, color-coded insulation. 50 Feet. 278-365 5.49 100 Feet. 278-366 10.98

Intercon Cable
24-Gauge, Color-Code Insulation
Stranded 3-conductor. 50 feet. Gray flexible plastic jacket. Red, black and white. 278-371 4.39

Cable Management Accessories for Neater Wiring

Replacement Cords for AC-Operated Equipment
(25) 6-Ft. Line Cord. 18-gauge wire with molded two-prong AC plug at one end, stripped leads at the other. UL listed. Keep several handy. 278-1255 79c (26) 6-Ft. AC Power Cord. Two-prong AC plug to female connector. Replaces power cords for many tape recorders, radios, portable televisions. UL listed. 278-1256 1.59

Solid Bus Wire
50 Feet. Pretinned 24-gauge copper wire on spool. 278-1341 1.49

Magnet Wire
Three-spool set—22, 26 and 30-gauge for winding coils. 278-1345 4.49

SW Antenna, Accessories
(29)(31) Complete Shortwave Antenna Kit. Everything you need for an outdoor receiving antenna. Includes 75 feet of copper antenna wire, 50 feet of lead-in wire, window feed-through and insulators. 278-758 8.49 (30) Heavy-Duty Antenna Wire. 65 feet of high-strength, seven-strand, 22-gauge bare copper wire. Perfect for constructing Ham and SWL antennas. 278-1329 4.99 (31) Insulators. Strong, low-loss material. For antenna center and end insulators or guy wire installation. 278-1333 Pkg. of 2/69c

Prices Apply at Participating Radio Shack Stores and Dealers


Prices Apply at Participating Radio Shack Stores and Dealers
COAX, RF/TV CONNECTORS AND ADAPTERS

RF Connectors and Adapters

| (1) | SO-239 Chassis Mount Socket, UHF-type. 278-201 | 1.19 |
| (2) | Solderless PL-259 Plug. For RG58/U cable 278-196 | 1.19 |
| (3) | PL-259 Plug. 278-205 | Pkg. of 2/2.19 |
| (4) | UG176/U Reducer. For RG59/U cable 278-204 | Pkg. of 2/9.99 |
| (5) | Solderless Push-On PL-259 Plug. Pushes onto jack, connector on cable. For RG58/U cable. 278-190 | 1.69 |
| (6) | Solderless PL-259 Connector for SO-239/224 and Mini-8 coax. Twists onto cable. 278-191 | 1.29 |
| (7) | Inline Splicer for RG58/U Cable. Join or extend cable. No special tools needed. Positive contact maintains impedance. 278-202 | 1.79 |
| (8) | Solderless Phono Plug. Handy for video and RF applications. For TVI filters, SWR meters, antenna switches. 278-193 | 2.19 |
| (9) | Double PL-259 Adapter. Joins two SO-239 connectors. For use with phasing lines. 278-198 | 2.19 |
| (10) | M-358 "T" Adapter. Two SO-239 sockets to PL-259 plug. Useful for splitting lines. 278-199 | 2.19 |

75-Ohm TV/FM Antenna Connectors

| (12) | 75-Ohm TV/FM Antenna Connectors | |

| (13) | Gold-Plated, Type CF-59. For RG-59/U cable. Long-life crimping. For RG-59/U cable. 278-224 | Pkg. of 2/1.99 |
| (14) | Gold-Plated, Type CF-59. For RG-58/U cable. Long-life crimping. For RG-58/U cable. 278-224 | Pkg. of 2/1.99 |
| (15) | Type F-59. For RG-59/U cable used in TV antenna systems. 278-224 | Pkg. of 2/9.99 |
| (16) | Solderless Push-On Connector. For RG-59/U cable. 278-215 | 2.49 |
| (17) | F-59 Crimp Rings. 278-216 | Pkg. of 2/4.99 |
| (18) | F-61 Connectors. Mate with F-59 connector. 278-212 | Pkg. of 2/8.99 |
| (20) | Female "F" Screw-On to Male "F" Push-On. 278-218 | 1.19 |
| (21) | "F" Male to Male Adapter. 278-219 | 1.69 |
| (22) | "F" Female to Male Right-Angle Adapter. 278-221 | 1.69 |

Wide Selection of Convenient Video and RF Adapters

| (23) | Female "F" to PL-259 Plug. 278-254 | 2.49 |
| (24) | Female "F" to Phono Plug. 278-252 | 2.49 |
| (25) | Female "F" to BNC Male. 278-251 | 2.49 |
| (26) | Female "F" to Phono Plug. 278-252 | 2.49 |
| (27) | Phono Jack to Male "F". 278-255 | 2.49 |
| (28) | Phono Jack to Male "F". 278-255 | 2.49 |
| (29) | Phono Jack to Male "F". 278-255 | 2.49 |
| (30) | Phono Jack to Male "F". 278-255 | 2.49 |
| (31) | Phono Jack to Male "F". 278-255 | 2.49 |
| (32) | Phono Jack to Male "F". 278-255 | 2.49 |
| (33) | Phono Jack to Male "F". 278-255 | 2.49 |
| (34) | Phono Jack to Male "F". 278-255 | 2.49 |
| (35) | BNC Female to Male "F". 278-256 | 2.19 |
| (36) | BNC Female to Male "F". 278-256 | 2.19 |
| (37) | Phono Jack to Male "F". 278-255 | 1.19 |
| (38) | Female "F" to Phono Plug. 278-252 | 1.39 |
| (39) | Female "F" to BNC Male. 278-251 | 2.49 |
| (40) | Female "F" to "F" Mini Plug. 278-257 | 1.79 |
| (41) | Female "F" to PL-259 Plug. 278-258 | 2.49 |
| (42) | "F" Right-Angle "F" to Mini Plug. Just the thing for portable TV sets. 278-259 | 2.19 |
| (43) | Phono Jack to Male "F". 278-255 | 1.19 |

Crimping Tools and Coax Cutters

| (44) | Crimping Tool. For "F" connectors. 278-222 | 2.19 |
| (45) | Heavy-Duty Hex Crimp Tool. For "F" connectors. 278-222 | 5.95 |
| (46) | Professional Crimp Tool. 278-222 | 12.95 |

NEW! Coax Cable Cutter. Blades do not flatten cable, preserve impedance. 278-244 | 4.95 |

New! Coax Cable Stripper. Adjustable blades give perfect strips with RG6, 59, 58, 8/5 and 62 cables, other cables from 1/4" to 5/8" dia. 278-244 | 11.95 |

High-Grade Archer® Coaxial Cable—Made in Our Own Factory

Low As $16¢ Per Foot

Made in USA by Radio Shack and the popular choice for Amateur radio, CB, TV and FM use. Features low-loss polyethylene dielectric and all-copper conductors.

<table>
<thead>
<tr>
<th>Cat No.</th>
<th>Price</th>
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<tbody>
<tr>
<td>278-123</td>
<td>36</td>
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<tr>
<td>278-124</td>
<td>21</td>
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<tr>
<td>278-126</td>
<td>18</td>
</tr>
<tr>
<td>278-127</td>
<td>16</td>
</tr>
</tbody>
</table>

NEW! 95% Shielding and Lower Loss

Coax Assemblies for Communications

<table>
<thead>
<tr>
<th>Cat No.</th>
<th>Price</th>
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<tbody>
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<td>11.95</td>
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<td>4.29</td>
</tr>
<tr>
<td>278-973</td>
<td>6.19</td>
</tr>
</tbody>
</table>

Large-Quantity Discounts Available—See Page 92
HOOK UP WITH ARCHER® PLUGS AND JACKS

1/4", 1/8" and 3/32" Phone Plugs

- (1) Three-Conductor (Stereo) 1/4" Plugs, 1/8"-dia. barrel. 274-139. Pkg. of 2/1.59
- (2) Three-Conductor 1/4" Shielded Plug. 274-254. Pkg. of 2/1.99
- (3) Three-Conductor 1/4" Shielded Plug. 274-142. Pkg. of 2/1.59
- (4) Two-Conductor (Monaural) 1/4" Plugs. Screwdriver terminals. 274-284. Pkg. of 1.59
- (5) Two-Conductor 1/8" "Big Barrel" Plugs. Screwdriver terminals. 274-1539. Pkg. of 1.59
- (6) Two-Conductor 1/4" Shielded Plugs. All-metal "grip" barrel. 274-249. Pkg. of 2/1.99

Enclosed Jacks

- Low As 89¢ Each

<table>
<thead>
<tr>
<th>Fig.</th>
<th>Size</th>
<th>Cond.</th>
<th>Circuit</th>
<th>Cat. No.</th>
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<tr>
<td>31</td>
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<td>2</td>
<td>Open</td>
<td>274-280</td>
<td>89</td>
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<tr>
<td>32</td>
<td>1/8&quot;</td>
<td>2</td>
<td>Open</td>
<td>274-297</td>
<td>2/1.69</td>
</tr>
<tr>
<td>33</td>
<td>1/8&quot;</td>
<td>2</td>
<td>Closed</td>
<td>274-296</td>
<td>2/1.79</td>
</tr>
<tr>
<td>34</td>
<td>1/8&quot;</td>
<td>3</td>
<td>Open</td>
<td>274-249</td>
<td>2/1.59</td>
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<tr>
<td>35</td>
<td>1/8&quot;</td>
<td>3</td>
<td>Closed</td>
<td>274-250</td>
<td>2/1.99</td>
</tr>
</tbody>
</table>

Inline Jacks

Ideal for Making Your Own Extension Cords

- (22) Two-Conductor (Mono) 1/4" Phone Jacks. 274-340. Pkg. of 2/1.99
- (23) Three-Conductor (Stereo) 1/4" Phone Jacks. 274-141. Pkg. of 2/1.99
- (24) Three-Conductor Shielded 1/4" Phone Jack. Heavy-duty extra-durable metal type featuring "grip" finish. 274-142. 2.79
- (26) Three-Conductor 1/4" Jacks. 274-274. Pkg. of 2/1.69

Plug and Inline Jack Set

- Set includes two plugs, two jacks, 274-283. 4-Piece Set/2.29
- Set of 4/1.39
- Set of 6/1.99

"Car Radio" Connectors

- (45) Motorola-Type Plugs. Fit car radios and many scanners. 274-709. 1.29
- (46) Inline Motorola-Type Jack. 274-711. 1.29
- (47) Solderless Motorola-Type Plug. 274-710. 1.29
- (48) Solderless Motorola-Type Jack. 274-710. 1.29

Adapts in a set

- Set of 7.29

See Page 31 for More Audio Plugs, Adapters and Patch Cables

---

See page 147 for complete adapters. 274-1501. 7.29
Adapters on this page provide reliable hookups between different connector formats. Many are Radio Shack exclusives and all (except XLRs) will handle line and speaker-level signals.

### NEW! Accepts 1/8” Stereo Plug. Plugs Into 1/4” Mono Jack. Use lightweight headphone and dubbing adapters with monaural scanners, radios, 274-386 1.79

### NEW! Accepts 1/8” Stereo Plug. Plugs Into 1/8” Mono Jack. 274-381 1.79

### Accepts 1/8” Stereo Plug. Plugs Into 1/4” Stereo Jack. Use stereo headphones having a 1/8” (submini) plug with stereo portables having 1/4” jack. 274-377 1.69

### Accepts 1/8” Stereo Plug. Plugs Into 3/32” Stereo Jack. 274-381 1.69

### Accepts 1/8” Mono Plug. Plugs Into 1/8” Stereo Jack. Use to dub from monaural to a stereo recorder. Combines UR channels. 274-374 1.99

### Accepts 1/8” Mono Plug. Plugs Into 1/4” Stereo Jack. Use to dub from personal portable stereo to a home deck. Outputs are L/R coded. 274-375 3.19

### Accepts One 1/8” Stereo Plug. Plugs Into 1/8” Stereo Jack. Share your music! Y-adapter lets you use two stereo headsets with one personal stereo. 274-313 3.19

### Accepts One 1/8” Stereo Plug. Plugs Into 3/32” Mono Jack. 274-381 1.99

### Accepts 3/32” Stereo Plug. Plugs Into 1/8” Mono Jack. Use lightweight headphones with monaural scanners, recorders, walkie-talkies, scanners. 274-368 1.29

### Accepts 1/4” Stereo Plug. Plugs Into 1/4” Mono Jack. Use stereo headphones with monaural CB, ham, shortwave and scanner radios. 274-348 1.89

### Accepts 1/8” Stereo Plug. Plugs Into 1/4” Stereo Jack. Excellent for use with dub-out jack on stereo receivers. Outputs are L/R coded. 274-308 3.59

### Accepts 1/8” Stereo Plug. Plugs Into 1/4” Stereo Jack. 274-302 2.99

### Accepts Two Phono Plugs. Plugs Into 1/4” Stereo Jack. 274-307 3.99

### Accepts Two Phono Plugs. Plugs Into 1/4” Stereo Jack. 274-309 3.99

### Accepts Two Phono Plugs. Plugs Into Phone Jack. 274-387 1.99

### Accepts 1/8” Mono Plug. Plugs Into 1/4” Stereo Jack. Use to dub from monaural portable to a stereo recorder. Combines L/R channels. 274-374 1.49

### Accepts 1/8” Stereo Plug. Plugs Into 1/4” Stereo Jack. 274-366 1.99

### Accepts 1/8” Stereo Plug. Plugs Into 1/4” Stereo Jack. 274-361 2.99

### Accepts Two Phono Plugs. Plugs Into 1/4” Stereo Jack. 274-313 2.99

### Accepts Two Phono Plugs. Plugs Into 1/4” Stereo Jack. 274-309 2.99

### Accepts Two Phono Plugs. Plugs Into Phone Jack. 274-387 1.99

### Adapter for Various Hookups

- **(25)** Three-Piece Monaural Adapter Set. Adapts 1/8” submini plug, 1/4” phone plug or phone plug to plug into 1/8” monaural jack. 274-359 2.99
- **(26)** Accepts Two 1/4” Monaural Phone Plugs. Plugs Into 1/4” Mono Jack. Use two mixes with one mike input on recorder or amplifier. 274-309 2.99
- **(27)** Accepts Two Phono Plugs. Use to connect two cables with phono plugs. 274-1555 2.19
- **(28)** Accepts Two 1/8” Stereo or Mono Plugs. Coupler. 274-1555 Pkg. of 2 1.29
- **(29)** Accepts Phono Plug. Plugs Into 1/4” Mono Jack. 274-320 Pkg. of 2 2.59
- **(30)** Accepts Two 1/4” Stereo or Mono Phone Plugs. Coupler. 274-1556 2.19
- **(31)** Signal Reducer. Accepts phono plug. Plugs Into 1/8” monaural jack. Built-in 40 dB attenuator lets you use a portable recorder's mike input to tape from line-level aux or tape-out sources without distortion. 274-300 2.59

### Shielded Monaural Adapters

- **(32)** Accepts 1/4” Plug. Plugs Into 1/4” Jack. 274-325 1.49
- **(33)** Accepts 1/4” Plug. Plugs Into Phone Jack. 274-326 1.59
- **(34)** Accepts 1/8” Submini Plug. Plugs Into 1/4” Jack. 274-328 1.69
- **(36)** Accepts 1/4” Phone Plug. Plugs Into 1/4” Jack. 274-047 1.39
- **(37)** Accepts 1/4” Phone Plug. Plugs Into Phone Jack. 274-389 Pkg. of 2 2.89
- **(38)** Accepts Phono Plug. Plugs Into 1/4” Jack. 274-330 1.69
- **(39)** Accepts Two Phono Plugs. Plugs Into Phone Jack. Y-adapter for combining or dividing monaural signals. 274-304 1.89
- **(40)** Accepts Two Phono Plugs. Plugs Into 1/4” Phone Jack. Y-adapter for combining or dividing signals. 274-304 1.89
- **(41)** Accepts Phono Plug. Plugs Into Phone Jack. 90° bend is ideal for tight spaces—helps prevent broken jacks and cable damage. 274-306 2.19

### XLR Connectors and Adapters

- **(42)** Three-Pin Plug. All-metal die-cast body for durability and shielding. 274-010 3.29

### XLR Connectors and Adapters

- **(43)** Three-Pin Inline Socket. Mates with Figs. 42 and 46. 274-013 3.29

### XLR Connectors and Adapters

- **(44)** Three-Pin Panel Socket. Latching type with push release. Accepts Figs. 42 and 46. 274-013 3.69

### XLR Connectors and Adapters

- **(45)** Adapter/Transformer. Accepts XLR plug. Plugs Into 1/4” phone jack. Use a mike having a “pro” plug with amplifier or recorder that has 1/4” jack. Adapts low-Z to high-Z unbalanced input. 274-016 11.49

### XLR Connectors and Adapters

- **(46)** Adapter/Transformer. Accepts 1/4” phone plug. Plugs Into XLR jack. Lets you use a high-impedance unbalanced mike with equipment that requires low-impedance balanced input. Use with Fig. 45 to minimize high-frequency loss in long cable runs. 274-017 11.49

- **(47)** 1/4” Hi/Lo Matching Transformer. Accepts 1/4” phone plug. Plugs Into 1/4” phone jack. Use a low-impedance mike or balanced line with high-impedance unbalanced inputs. Great for PA and recording equipment. 274-023 8.99

---

**Extraordinary**

*Revolving Credit Available*

See Page 135 for TV/VCR, Video and RF Plug Adapters

---
### RS232 Testing and Connections

#### Radio Shack - America's Parts Place for 67 Years

- **138**
- Programmable Data Lines: 276-1405
- RS-232 Modular Jack Adapter Kit: Use each EIA port to stop spikes cold. Shielded.
- RS232 Surge Absorber: AC line protection inline 276-1401
- RS232 Mini Tester: Diagnose interface problems yourself, sans costly repair calls. Includes dual-color LEDs indicating status of TD, RTS, DSR, CD, RD, RTS and DTR lines. 276-1402
- RS232 Surge Absorber: AC line protection inline 276-1401
- RS232 Surge Absorber: AC line protection inline 276-1401
- RS232 Surge Absorber: AC line protection inline 276-1401
- RS232 Surge Absorber: AC line protection inline 276-1401
- RS232 Surge Absorber: AC line protection inline 276-1401

### Speaker Terminals

- **19**
- **20**
- **22**
- **23**
- **24**
- **25**
- **26**

### Button Terminals

- **19**
- **20**
- **22**

### Terminal Strips

- **19**
- **20**
- **22**
- **23**

### Cord Connectors

- **19**
- **20**
- **22**
- **23**

### Speaker Terminals

- **19**
- **20**
- **22**
- **23**

### Button Terminals

- **19**
- **20**
- **22**

### Terminal Strips

- **19**
- **20**
- **22**
- **23**

### Cord Connectors

- **19**
- **20**
- **22**
- **23**

---

### Down-to-Earth Prices!

- **Radio Shack** - America's Parts Place for 67 Years

---

### Get the Connections You Can Count On

#### Solder-Type D-Sub

- Male 9: 276-1537 1.49
- Female 9: 276-1538 2.49
- Hood 9: 276-1539 1.99

#### Solderless RS232 Connectors

<table>
<thead>
<tr>
<th>Type</th>
<th>Positions</th>
<th>Cat. No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-Sub 25 Male</td>
<td>276-1559</td>
<td>3.99</td>
<td></td>
</tr>
<tr>
<td>D-Sub 25 Female</td>
<td>276-1558</td>
<td>3.99</td>
<td></td>
</tr>
</tbody>
</table>

#### For Ribbon Cable

- **11**
- **12**
- **13**
- **14**
- **15**
- **16**
- **17**

#### Dual-Color LEDs

- **19**
- **20**

#### Quick Connection of Bare Wires

- Eight-Position: 274-623 2.69
- Four-Position: 274-622 1.69
- Two-Position: 274-621 1.19

#### Coaxial DC Power Jacks

<table>
<thead>
<tr>
<th>D.O.D</th>
<th>3.5 mm</th>
<th>5.0 mm</th>
<th>5.0 mm</th>
<th>5.0 mm</th>
<th>5.0 mm</th>
<th>6.3 mm</th>
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</thead>
<tbody>
<tr>
<td>I.D.</td>
<td>1.3 mm</td>
<td>1.6 mm</td>
<td>2.1 mm</td>
<td>2.5 mm</td>
<td>2.5 mm</td>
<td>3.0 mm</td>
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<td>Cat. No.</td>
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<td>274-1570</td>
<td>274-1567</td>
<td>274-1568</td>
<td>274-1569</td>
<td>274-1572</td>
</tr>
<tr>
<td>Pkg. of 2</td>
<td>1.69</td>
<td>1.19</td>
<td>1.19</td>
<td>1.19</td>
<td>1.19</td>
<td>1.39</td>
</tr>
</tbody>
</table>

---

### Terminal Strips

- **19**
- **20**
- **22**
- **23**

### Cord Connectors

- **19**
- **20**
- **22**
- **23**

---

### Low As 89c

- **20**
- **22**

### Low As 19

- **22**

### Low As 19

- **22**

### Low As 19

- **22**

### DC Power Connectors

- **19**
- **20**
- **22**
- **23**

---

### Multiconductor Connectors

- **19**
- **20**
- **22**
- **23**

---

### Radio Shack - America’s Parts Place for 67 Years
**BUILD IT WITH THESE ARCHER® PC BOARDS**

### PC and Perfboards

1. **Plug-In Board With Ground Plane.** Premium quality. Masked on both sides to prevent solder bridging. 2066 indexed, solder-ringed holes arranged in a multipurpose grid array. 4½ x 5½" component area.

2. **Multipurpose Plug-In Board.** 4½ x 4" with ¼" grids. Three buses: 276-154

3. **44-Position Card-Edge Socket.** 276-1551

4. **4-Position Card-Edge Socket.** 276-1551

5. **Extra 4-Position Card-Edge Socket.** 276-1560

6. **Extra 4-Position Card-Edge Socket.** 276-1560

### Predrilled PC Boards

7. **Grid Boards.** Accept DIP ICs, sockets and headers. Columns and rows are indexed to identify component pin outs. Solder-ringed holes.

<table>
<thead>
<tr>
<th>Size</th>
<th>Holes</th>
<th>Cat. No.</th>
<th>Ea.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4½ x 6&quot;</td>
<td>2200</td>
<td>276-147</td>
<td>3.49</td>
</tr>
<tr>
<td>2¼ x 3¼&quot;</td>
<td>750</td>
<td>276-158</td>
<td>2.29</td>
</tr>
<tr>
<td>12½x 2½ x 2½&quot;</td>
<td>356</td>
<td>276-149</td>
<td>0.99</td>
</tr>
</tbody>
</table>

8. **Universal PC Board.** Accepts ICs up to 40 pins. Has a total of 750 indexed, solder-ringed holes, two buses, one grounding strip. 3½ x 2½".

9. **IC/LSI Board.** For LSI ICs up to 40 pins. Has 750 solder-ringed holes, indexed on both sides. DIP centers. 2½ x 3½".

10. **Multipurpose Board.** Two bus strips at the center. PC pattern printed on component sides speeds building. 417 solder ringed holes, indexed on both sides. DIP centers.

11. **PC Board Kit 9.99**

12. **Design Custom PC Boards.** Includes two 4½ x 3" solid copper-clad boards, resist-ink pen and solvent, etchant, layout strips and circles, tank, ¼" drill bit and instructions. 276-1576

### Etch Your Own PC Board

- **Extra Pen.** 276-1530
- **Extra Etching Solution.** 16 ounces. 276-1535

### PC Board Accessories

13. **PC Board Standoffs With Screws.** 22lox high metal studs hold boards in place. A must-have for the serious builder. 276-195

14. **PC Board Wire Terminals.** Two-position. Our builder. 2½ x 2½" studs hold boards in place. A must-have for the serious builder. 276-195

15. **Circuit Symbols Template.** Helps you draw accurate and easy-to-read schematic diagrams. 276-180

### Electronic Instrument Case

- **NEW FOR 88**

- **Set 2.79**

### Metal Cabinets

- **NEW FOR 88**

### Box/CPC Combos

- **NEW FOR 88**

### Experimenter Box Bargains

- **Low As**

### Economy Case

- **Low As**
DYNAMIC TRANSISTOR CHECKER WORKS IN OR OUT OF CIRCUIT

Tests PNP s, NPN s, Silicon And Germanium Types

An inexpensive yet very useful addition to your workbench! With it you can make fast going-go tests on small-signal and power transistors, and match similar transistors. Lamp indicates relative current gain, "opens" and "shorts." Has a front-panel pin socket plus color-coded hook clip leads for in-circuit tests. Output jacks let you connect to an external meter or scope for more in-depth tests. 2 x 4 1/4 x 1 1/4". With instructions. Requires "AA" battery.

14.95

"How To" Books for Builders, Technicians and Students

A Wealth of Electronics Information

Semiconductor Reference Guide. New 1988 edition! Exclusive cross-reference and substitution section lists over 80,000 types and their low-cost Radio Shack equivalents. Also provides detailed data on Radio Shack linear and digital ICs, modules, SRRs, LEDs, diodes and more. Illustrated. 298 pages.

276-4011

Getting Started in Electronics. By Forrest Mims III. We think it's the perfect "hands on" introduction to the exciting world of electronics. Features large schematic diagrams and easy-to-understand text by one of America's most popular technical authors. Learn as you build! 128 pages.

276-5003

We're Your Replacement Transistor Source

Includes Data and Pin-Out

Refer to Semiconductor Reference Guide (above) for complete data and cross-reference list.

N-Channel Field-Effect Transistors (FETs)

Cat. No.

Direct Commercial Equivalent

Use

Diss.

gfs

Case

Type

Pin-Out

Type

Pol.

Type

SK

Ge

Sylvania

RCA

Each

SK

Each

2N3919

GP

VHF Amp, Mixer

360mW

310mW

2.0/8.5

TO-92

TO-220

276-2035

276-2062

.79

.79

In most circuits. See product package for exact device specifics. D = Darlington, GP = General Purpose. P = Audio Power Amp, Switch SW = Switch. NOTE: Parameters are at 25° C.

Low-Profile Sockets

Low As .49c

High-quality non-wicking solder-type sockets for PC board use.

<table>
<thead>
<tr>
<th>Type</th>
<th>Cat. No.</th>
<th>Pkg. of 2</th>
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<tbody>
<tr>
<td>8-Pin</td>
<td>276-1995</td>
<td>.59</td>
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<td>14-Pin</td>
<td>276-1999</td>
<td>.89</td>
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<tr>
<td>16-Pin</td>
<td>276-1988</td>
<td>.89</td>
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<tr>
<td>Type</td>
<td>Cat. No.</td>
<td>Each</td>
</tr>
<tr>
<td>18-Pin</td>
<td>276-1992</td>
<td>.49</td>
</tr>
<tr>
<td>20-Pin</td>
<td>276-1991</td>
<td>.59</td>
</tr>
<tr>
<td>24-Pin</td>
<td>276-1989</td>
<td>.79</td>
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<tr>
<td>26-Pin</td>
<td>276-1997</td>
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<tr>
<td>40-Pin</td>
<td>276-1996</td>
<td>.99</td>
</tr>
</tbody>
</table>

Jumper and Header

Make Projects Go Faster

(10) 16-Pin DIP Jumper. Simplifies interconnection of digital projects. Two 16-pin DIP plugs connected by an 18" long color-indexed ribbon cable. 276-1976


(12) Conductive Foam Mat. 5 x 5". For workbench or shipping. Protects sensitive ICs and components from static discharge. Drains static charge slowly and safely. Easily cut. 276-2490

(13) Static-Draining Wrist Strap. Easily adjusts to fit any wrist. 24" ground lead with clip. 276-2399

1.49

TV and Power Types

(14) 2SC1308. NPN transistor used as TV and power types. Replaces ECG-238, GE-38, SK-3115. TO-3 case. 276-2055

.95

(15) IRF-511 Power MosFET. Up to 60 VDC, 3 amps. "On" resistance: 0.6 ohm. TO-220 case. 276-2027

.99

(16) BS170 MosFET. N-channel MOS transistor is excellent for high voltage, high-speed jobs. Handles up to 80 VDC at 0.5 amp. Rated 0.83 watt. TO-92 case. 276-2074

1.19

*GE is a Trademark of General Electric Co. ECG is a Trademark of Phillips ECG. SK is a Trademark of RCA Corp.
### VALUES IN ICs AND SEMICONDUCTORS

#### Voltage Regulator ICs for Replacement and Projects

<table>
<thead>
<tr>
<th>Type</th>
<th>Output VDC</th>
<th>Cat. No.</th>
<th>Each</th>
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<tbody>
<tr>
<td>7805</td>
<td>5</td>
<td>276-1770</td>
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<tr>
<td>7812</td>
<td>12</td>
<td>276-1773</td>
<td>1.19</td>
</tr>
<tr>
<td>7815</td>
<td>15</td>
<td>276-1772</td>
<td>1.19</td>
</tr>
</tbody>
</table>

Fixed Regulators. Feature built-in overload protection and thermal shutdown. When control lead is grounded, regulated voltage is available at the output. Maximum input: 35 VDC. Heat sink (#276-1363 or similar) is required for full current rating of 1 amp. TO-220 case. 276-1778 1.99

### Logic Probe and Pulser

#### For TTL/LS/CMOS Testing

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Cat. No.</th>
<th>Each</th>
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</thead>
<tbody>
<tr>
<td>Probe</td>
<td>16.95</td>
<td></td>
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</tr>
<tr>
<td>Pulser</td>
<td>17.95</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Both have 36" leads with clips to obtain power from tested circuit.

Digital Logic Probe. The fast way to "peek inside" TTL, LS and CMOS digital circuits, memory, microprocessor and peripheral chips. Color-coded LEDs indicate high, low or pulsed logic states (up to 10 MHz). Simultaneous tone output frees your eyes for faster testing. Has switches for normal or pulse modes, CMOS or TTL/LS testing. Input: 100,000 ohms. Minimum detectable pulse width: 50 ns. Operates from 4.7 to 15 VDC. With instructions. 22-303 16.95

Digital Logic Pulser. Together, the Pulser and Probe make an effective diagnostic team for testing today's digital circuits. Produces single 5 us pulse or a continuous 5 Hz pulse train at the push of a button. Features overload protection and low output impedance. Operates from 4.7 to 15 VDC. 22-304 17.95

### Switch & Signal Diodes

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1N914/1448</td>
<td>99c</td>
</tr>
</tbody>
</table>

Silicon switching type. 75 peak inverse voltage (PIV). 276-1122 Pkg. of 10/99c

1N34A. Hard-to-find general-purpose germanium. 60 PIV. 276-1123 Pkg. of 10/99c

#### One-Watt Zener Diodes

<table>
<thead>
<tr>
<th>Type</th>
<th>Voltage</th>
<th>Cat. No.</th>
<th>Each</th>
</tr>
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<tr>
<td>1N4733</td>
<td>5.1</td>
<td>276-565</td>
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</tr>
<tr>
<td>1N4735</td>
<td>6.2</td>
<td>276-561</td>
<td>1.99</td>
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<tr>
<td>1N4739</td>
<td>9.1</td>
<td>276-562</td>
<td>1.99</td>
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<tr>
<td>1N4742</td>
<td>12.0</td>
<td>276-563</td>
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<tr>
<td>1N4744</td>
<td>15.0</td>
<td>276-564</td>
<td>1.99</td>
</tr>
</tbody>
</table>

One-Watt Zener Diodes. 1.5 Amp Full-Wave Bridge Rectifiers. TO-220 case. 276-1778 1.99

### SCR, Triacs

<table>
<thead>
<tr>
<th>Type</th>
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<td>2000</td>
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</tr>
<tr>
<td>4000</td>
<td>276-1020</td>
<td>1.19</td>
<td></td>
</tr>
</tbody>
</table>

6-Amp Silicon Controlled Rectifiers (SCRs). Ideal for motor speed control. With Data. 276-1000 1.49

### Rectifiers & Bridges for Power Supplies/Replacement

<table>
<thead>
<tr>
<th>Type</th>
<th>Voltage</th>
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<tr>
<td>1N4001</td>
<td>50</td>
<td>276-1101</td>
<td>49</td>
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<tr>
<td>1N4002</td>
<td>200</td>
<td>276-1102</td>
<td>59</td>
</tr>
<tr>
<td>1N4004</td>
<td>400</td>
<td>276-1103</td>
<td>69</td>
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<tr>
<td>1N4005</td>
<td>600</td>
<td>276-1104</td>
<td>79</td>
</tr>
</tbody>
</table>

6-Amp Triac. For light dimmers, heat element control. Immune to transient damage. Rated up to 400V. With data. 276-1000 1.49

### IC Inserter/Extractor Set

<table>
<thead>
<tr>
<th>Type</th>
<th>Voltage</th>
<th>Cat. No.</th>
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<td>276-562</td>
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<td>1N9406</td>
<td>12.0</td>
<td>276-563</td>
<td>1.99</td>
</tr>
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<td>1N9407</td>
<td>15.0</td>
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</table>

Handle 6-pin to 40-pin DIPs the safe way! Helps you install and remove DIP ICs without bending pins. Extractor works with LSI, MSI and DIP devices. Both tools are groundable to protect static-sensitive MOS devices. 276-1581 8.95

### Data Transfer

<table>
<thead>
<tr>
<th>Type</th>
<th>Cat. No.</th>
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<tr>
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New for IC Inserter/Extractor Set 6.95

### TTL Digital ICs

<table>
<thead>
<tr>
<th>Type</th>
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<tr>
<td>Quad 2-Input NAND Gate</td>
<td>4011</td>
<td>276-2411</td>
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<tr>
<td>Dual Type-D Flip Flop</td>
<td>4013</td>
<td>276-2413</td>
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<td>Quad 2-Input NOR Gate</td>
<td>4011</td>
<td>276-2411</td>
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<tr>
<td>4049 Inverting Hex Buffer</td>
<td></td>
<td>276-2449</td>
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<tr>
<td>Quad 3 -Input Switch</td>
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<td>276-2466</td>
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</table>

With Pin-Out And Specs 99c

### 4000-Series CMOS ICs

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<td>Dual Type-D Flip Flop</td>
<td>4013</td>
<td>276-2413</td>
</tr>
<tr>
<td>Decade Counter/Divider</td>
<td>4017</td>
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<tr>
<td>Inverting Hex Buffer</td>
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<tr>
<td>Quad 3 -Input Switch</td>
<td>4066</td>
<td>276-2466</td>
</tr>
</tbody>
</table>

With Pin-Out And Specs 99c

### Revolving Credit

Available See Page 3

Radio Shack — America's Electronics Parts Place Since 1921
BREADBOARD AND OPTOELECTRONICS VALUES

Big and Bright LEDs

(1) NEW! Super-Jumbo Red LED. Six LED elements in a huge 20mm display. 276-033 3.49
(2) Jumbo Red LED. Two LED elements in a 10mm diameter housing. Three-lead pinout lets you use separate current-limiting resistors. 276-066 1.19
(3) Jumbo Bright Red LED. Outputs 300 mcd at 20 mA, yet runs cool. Point-source type in a clear T-13/4 package. 276-116 1.99
(4) NEW! Multi-Colored LED Display. Ten-segment array with red, yellow, and green LEDs. 276-083 .3.79

Bar Graph Displays

(4) NEW FOR 88
(5)

LED Digital Displays

(6) NEW! Jumbo Seven-Segment. Common cathode. Extra-large 0.56” display is easy to read—even from across the room. 276-077 1.99
(7) Seven-Segment Displays. Fit 14-pin DIP sockets. See chart for connections. 276-037 2.89

LED Flasher IC and Triac Optocoupler

(8) LM3509 LED Flasher. Pulses LEDs with minimum of current and external parts. 8-pin DIP. 276-1705 1.69
(9) MOC3040 Optocoupler. Use for interface between logic-level signals and 120 VAC circuits up to 100 mA. 1000 V isolation, min. 6-pin DIP. 276-134 1.99

Solar Power Values

(10) Solar Energy Project Set. Just what you need for your solar science projects. Includes solar cell wired to DC motor, color wheels, propeller and informative booklet with projects. 276-129 9.95
(11) Silicon Solar Cell. 2.5 x 5 cm cell delivers about 0.2 amp at 0.42 VDC in full sunlight. Use several to charge batteries or power projects. Manufacturer’s prime (not a surplus cell), made exclusively for Radio Shack! 276-124 3.95

Infrared LEDs and CdS Photocell

(12) SE8703-1. Low-power design, high-output infrared (IR) LED. 276-143 1.69
(13) TIL414. IR phototransistor. High-speed NPN. 50 mW. T-1/4 case. 276-145 89C
(14) IR Pair. LED infrared transmitter, sensitive phototransistor detector. 276-142 1.99
(15) CdS Photocell. Wide resistance range photoresistor rated 200 mW at 170 volts, maximum 1/4” wide 276-116 1.79

Panel-Mount LEDs

(16) NEW! Super-Bright LED With Holder. Incredible 500 mcd ruby-red light will really surprise you! Only 20 mA current required. 276-088 1.79
(17) Two-Color. Outputs red and green. Requires 3 VDC at 10 mA per segment. 1/8” mounting hole. 276-025 1.49
(18) Chrome Holders. 1/4” mtg. hole. 276-018 Pkg. of 2/1.99

Books by Forrest Mims

Build and Learn About Electronic Circuits

Timer IC Mini Notebook. Learn to use the versatile 555 and 556 ICs. 276-051 .49
Op Amp Mini Notebook. 48 pages with over 40 circuits. 276-501 .49
Optoelectronics Mini Notebook. 48 pages. Projects range from simple LED circuits to light communications. 276-502 .49
Basic Semiconductors Mini Notebook. 48 pages of basic circuits using resistors, capacitors, diodes, transistors and more. 276-503 .49
Basic Logic Circuits Mini Notebook. 48 pages explain gates, truth tables and logic families. 276-504 .49
NEW! Communications Projects Mini Notebook. Learn by building Morse code telegraphs, light-wave communications, radio receivers. 276-505 .49

NEW! Communications Projects Mini Notebook. 48 pages explain gates, truth tables and logic families. 276-504 .49
NEW! Communications Projects Mini Notebook. Learn by building Morse code telegraphs, light-wave communications, radio receivers. 276-505 .49

Experimenters Solderless Breadboards

(20) Experimenter’s PC board. Layout matches modular breadboard sockets. 550 predrilled, indexed connection points. 21/2” x 7 1/4”. 276-170 2.79
(21) Modular IC Breadboard Socket. Silver-nickel contacts accept 30 to 22-gauge solid wire. Features two bus strips and 550 indexed connection points. Snap together horizontally or vertically for more complex designs. 2 1/2” x 6”. 276-174 11.95
(22) Modular IC Breadboard Socket. Smaller version of Fig. 21 with 270 indexed connection points. 2 1/2” x 3 1/4”. 276-175 7.49
(23) Universal Breadboard. Our finest! The 2 1/2” x 6 1/2” breadboard is mounted on a 7 1/4 “stay-put” steel base with rubber feet. Accepts DIPs, discrete components and up 22-gauge wire. Provides a total of 640 plug-in tie points and has three binding posts for external power connections. Recommended for students and professionals alike. 276-169 19.95

Brighten Your Projects With Quality LEDs

(24) Jumbo Red LED. T-1/4 case. 276-041 Pkg. 2/69c
(25) Jumbo Yellow LED. T-1/4 case. 276-021 Pkg. 2/79c
(26) Jumbo Green LED. T-1/4 case. 276-022 Pkg. 2/79c
(27) Mini Red LED. T-1 package. 276-026 Pkg. 2/69c
(28) Mini Green LED. T-1 package. 276-037 Pkg. 2/89c
(29) TLR-107 High-Brightness Red LED. Fresnel lens. Mounts in 3/16” hole. 2 VDC at 20 mA typical. 276-033 2/89c
(30) Blinking Red LED. MOS IC driver and LED in a T-1/4 case. Approximately 20 mA at 3 VDC. Can drive several extra LEDs in series. 276-036 1.29
(31) Blinking Green LED. Flash rate 1 Hz, typical. T-1/4 size. 55 mA at 3 VDC. 276-039 1.29
(32) T-1/4 LED Holders. Fit 1/4” mounting holes. 276-079 Pkg. 5/59c
(33) Chrome LED Panel Lamp Holders. Dress up the face panel of your project. Accept standard T-1/4 (jumbo-size) LEDs. 276-080 Pkg. 2/1.19

Prices Apply at Participating Radio Shack Stores and Dealers
**Voice Synthesizer Team**

1. **16.95**
   - CTS256-AL2 Text-to-Speech IC. Preprogrammed 8-bit processor translates ASCII characters into control data for Fig. 2. With data, schematics. Requires 10 MHz crystal (special order). 28-pin DIP. 276-1784

2. **12.95**
   - SPO256-AL2 Speech Synthesizer. Built-in program makes it easy to interface with most computers. With data, circuit examples. Requires 3.12 MHz crystal (special order). 28-pin DIP. 276-1784

**CMOS and Bipolar Timers**

**TLC555**
- Low-power CMOS design. Same pinout as 555 but operates up to 2 MHz. 8-pin DIP with data.
  - 276-1718

**TLC548**
- Complete data acquisition system on an 8-pin DIP. Single 5 VDC supply, internal clock, single analog input and an on-chip sample-and-hold circuit. Maximum sample rate of 40,000 Hz. With data.
  - 276-1796

**Quality Audio Amplifier Integrated Circuits**

**TDA1520A**
- At last! A 20-watt high-power high-fidelity audio power amp in a 9-pin single inline package. Very low distortion, short-circuit and thermal protection. 20 to 20,000 Hz response. Requires 15 to 50 VDC. With data.
  - 276-1305

**TA7205AP**
- Used in many import auto radios and tape players. 5.8-watt output, 4-ohm load. 9-18 VDC.
  - 276-1712

**LM383/TDA2002**
- Up to 8 watts RMS at 13.8 VDC. 4-ohm loads. Adjustable 20-200 VDC supply. 8-pin DIP. 276-1713

**LM386**
- Amplifier for 8-ohm loads is highly recommended for battery-powered projects. Low distortion and current drain. 400 mW output. Adjustable 20-200 VDC supply. 8-pin DIP. 276-1713

**Top-Quality Memory Chips**

**4164 64K Dynamic RAM**
- Factory-fresh. 150 ns access, low-power design. Single 5 VDC supply. Why gamble with mail order? 276-2506

**4256 256K Dynamic RAM**
- 150 ns maximum access time. Low-power design (230 mW, typical), single 5 VDC supply. 16-pin DIP. 276-1252

**Operational Amplifiers**

**741**
- General-purpose workhorse. Frequency compensated 8-pin DIP. 276-007

**LM324 Quad Op Amp**
- Internally compensated. Low power consumption. Two 741 op amps in an 8-pin DIP. Split supply, 5 to 16 VDC. 276-038

**LM339 Quad Comparator**
- Four independent voltage comparators in a 14-pin DIP. Single 2 to 32 VDC supply. 276-1712

**LM657 Tone Detector**
- Use for Touch-Tone, remote control, and many other applications. Sinusoidal to one hour. Operate from 4.5 to 16 VDC.

**Programmable Sound Generator**

**AY-3-8910A**
- Produces an incredible variety of sounds. Three independently programmable analog outputs, two general-purpose 6-bit I/O ports. Single 5 VDC supply. 40-pin dip. With data.

**8-Bit A/D Converter Integrated Circuit**

**TLC548**
- Complete data acquisition system on an 8-pin DIP. Single 5 VDC supply, internal clock, single analog input and an on-chip sample-and-hold circuit. Maximum sample rate of 40,000 Hz. With data.

**12-Tone Melody Synthesizer IC**

**UMC 3482**
- Use for musical doorbells, clocks, games, phone music-on-hold. Has an on-chip audio preamp and operates on 1.5 VDC. 16-pin DIP with data, circuit examples.

**Programmable Optocouplers**

**15 One-Amp Triacs**
- Use as a light-duty, solid-state AC relay or controller. Rated 1 amp, 50 volts. TO-92 package.

**Package of 5 Diodes**

**1N914/4448**
- Silicon. Popular for logic. Switching time low as 4 ns. PIV: 90 volts. TO-92 package.

**5 One-Amp SCR s**
- You'll find lots of uses for these! Rated 1 amp, 50 volts. TO-92 package.

**5 One-Amp Triacs**
- Cadmium-sulfide photoresistors. Excellent for experiments. Various grades and ratings.
SUPER SELECTION OF QUALITY CAPACITORS

Electrolytic Capacitors

<table>
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Hi-Q Ceramic Discs

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Non-Polarized Capacitors

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<td>22</td>
<td>272-1070</td>
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Tantalums

Maximum capacity in an extremely small package. Standard IC pin spacing, 20% tolerance.

<table>
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For Printed Circuits

Low As 59c Pkg. Of 2 WDC

Mini size. Long leads permit point-to-point wiring, etc.

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Tantalum Assortments

Low As 79c

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<tr>
<td>100</td>
<td>2 kHz</td>
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</tbody>
</table>

TV Colorburst Crystal

3.579545 MHz

Precision frequency standard in HC18/W package. 272-1310

Sound Off! Buzzers for Alerters, Security, Timers and Fun

Tri-Sound Siren

5.95

Three Unique
Extra-Loud Outputs

You've never heard a buzzer like this! Contains an IC, driver circuit and 8-ohm speaker in a compact 11/16" x 11/16" molded case. Wiring options three different sounds. 80 db sound pressure. 3 VDC. 272-072

Piezo Buzzers

(5) Two-Tone. Loud—100 dB minimum at 2500 Hz. Requires 130 mA at 12 VDC. 273-070
(6) Pulsing or Continuous. Easily panel mounted. Great as a pre-alarm buzzer for security systems. Screwdriver terminals. Approximately 2800 Hz. 1.95
(7) Pulsing, Approximately 2800 Hz at 95 dB. 1.95
(8) With Leads. Attenutated sound, 85 dB, 3 kHz signal. 1.95
(9) PC-Mount. Loud—78 dB. Cost only $7.79 at 12 VDC. 272-1440

Electronic Chime

7.95

Pleasant "Ding-Dong" Output

This melody-synthesizing IC and mini-speaker combo is just the thing for door entry alarms. Operates 6 to 20 VDC. Sound pressure: 80 db at 12 VDC. Mounting holes: 11/16" apart. 54" leads. 273-071

Electronic Buzzers

Low As 1.89 Extra Loud

(12) Pulsing Buzzers. Pulsing 80 dB output with 2 Hz pulse rate. Requires 12 VDC at 20 mA. Mounting holes: 11/4" apart. 44" leads. 273-058

See Page 92 for Information on Large-Quantity Discounts
### Pocket Guides

- **Color Codes**: Handy! Match colors to get accurate readout of resistor, capacitor, inductor values. 271-1210
- **Ohm’s Law**: Easy to use — quickly answers Ohm’s law and parallel resistance calculations. 271-1211

### Thermistor

**19c**

With 10% Tolerance

- High Precision
- Converts temperatures to proportional resistances. Ideal for any circuit relying on temperature sensing over 50 to 110°C range. 10kΩ± resistance at room temperature (25°C).

**29c**

With 5% Tolerance

- 100 kilohms. 271-1310
- 10 kilohms. 271-1311
- 100 kilohms. 271-1312

### Resistor Kits

- 1/2 Watt Carbon Film, 5% tolerance. 100 ohm with 13 popular values from 10 ohms to one megohm.
- 1/2 Watt Precision Metal Film, 1% tolerance. 50 piece set with 12 popular values ranging from 10 ohms to one megohm.
- 1/2 Watt Carbon Film, 5% tolerance. 100 piece set with 13 popular values ranging from 10 ohms to one megohm.
- 1/2 Watt Carbon Film, 5% tolerance. 500 piece set with 54 popular values from 10 ohms to 10 megohms.
- 1/2 Watt Carbon, 10% tolerance. 100 piece set with 21 popular values ranging from 100 ohms to one megohm.

### 1/2-Watt Resistors

**19c**

- 10% Tolerance

### 1/4-Watt Resistors

**39c**

- 5% Tolerance
- Ohms Cat. No. 271-031 4k 271-032 4.7k 271-033 5.6k 271-034 10k 271-035 15k 271-036 22k 271-037 220k 271-038 330k 271-039 470k 271-040 1meg 271-041 2.2meg 271-042

### Pocket Guides

- **Color Codes**: Handy! Match colors to get accurate readout of resistor, capacitor, inductor values. 271-1210
- **Ohm’s Law**: Easy to use — quickly answers Ohm’s law and parallel resistance calculations. 271-1211

### Thermistor

**19c**

With 10% Tolerance

- High Precision
- Converts temperatures to proportional resistances. Ideal for any circuit relying on temperature sensing over 50 to 110°C range. 10kΩ± resistance at room temperature (25°C).

### 1/4-Watt Resistors

**39c**

- 5% Tolerance
- Ohms Cat. No. 271-031 4k 271-032 4.7k 271-033 5.6k 271-034 10k 271-035 15k 271-036 22k 271-037 220k 271-038 330k 271-039 470k 271-040 1meg 271-041 2.2meg 271-042

### Panel-Mount Controls

- **15-Turn Potentiometers and Trimmers**: Assorted styles
- **PC-Board Pots**: 1/4 Watt
- **Miniature PC Pots**: 1/4 Watt

### Audio Taper

1. 5. 10 220 470 1000
2. 1.5. 2.2 3.3 4.7 10
3. 5. 10 220 470 1000
4. 1.5. 2.2 3.3 4.7 10

### Linear Taper

1. 0.1. 0.2 0.3 0.4 0.5
2. 0.1. 0.2 0.3 0.4 0.5
3. 0.1. 0.2 0.3 0.4 0.5
4. 0.1. 0.2 0.3 0.4 0.5

### SPST Pot Switch

- On/off switch mounts on rear of audio taper and linear taper potentiometers in charts above and many others. Rated 3 amps at 120 VAC. With instructions. 271-174-1215 1.59

### Wirewounds

- 10% Tolerance

### 8-Ohm Non-Inductive

- Rated 20 Watts, 5% Tolerance
- Handy as an impedance-matched power-absorbing element in any audio installation — PA, car and home stereo.

### Resistor Kits

- 1/2-Watt Carbon Film, 5% tolerance. Set of 100 with 13 popular values from 10 ohms to one megohm.
- 1/2-Watt Precision Metal Film, 1% tolerance. 50 piece set with 12 popular values ranging from 10 ohms to one megohm.
- 1/2-Watt Carbon Film, 5% tolerance. 100 piece set with 13 popular values ranging from 10 ohms to one megohm.
- 1/2-Watt Carbon Film, 5% tolerance. Jumbo 500 piece set with 54 popular values from 10 ohms to 10 megohms.
- 1/2-Watt Carbon, 10% tolerance. 100 piece set with 21 popular values ranging from 100 ohms to one megohm.
LAMP BULBS, ASSEMBLIES & HANDY TESTERS

Wide Selection of Long-Life Lamps

Premium lamps for projects and replacement in flashlights, dials, pilot lights and panels. Fig. 2, #272-1124, is prefocus type that replaces #222 used in penlights. Fig. 6 is high-intensity. All are incandescent type, except Fig. 10, which are neon.

### 12V Lamp Assemblies

**Include Bulbs**

- (15) "Jumbo" Red. 105 mA. Mount in 3/16"-diameter (15mm) panel hole. Solder tabs. 272-336. Pkg. of 2/5.29
- (16) High-Brightness Red. Mount in 3/16" hole. Metal plate recommended. 272-331. Pkg. of 2/1.49
- (17) Green Micro. 60 mA. Mount in 3/16" hole. 272-334. Pkg. of 2/1.49
- (18) NEW! Green Snap-In. Mounts instantly in 1/8" hole. With leads. 272-337. Pkg. of 2/1.69
- (19) Red Snap-In. 272-332. 2/1.69
- (20) Blue Snap-In. 272-335. 2/1.69

- (25) "Jumbo" Red. Mounts in 5/8" diameter hole. 272-710. 1.99
- (26) Amber, Mount in 7/16" hole. 3" leads. 272-707. Pkg. of 2/1.79
- (28) Green. With leads. For 5/8" mgd hole. 272-708. Pkg. of 2/2.39
- (29) Red, 272-703. Pkg. of 2/2.19
- (30) Red, Square Lens. 7/16" mgd hole. 272-704. Pkg. of 2/1.79
- (31) Amber, Round Lens. 7/16" mgd hole. 272-705. Pkg. of 2/1.79

### 120-Volt Neons

- (25) "Jumbo" Red. Mounts in 5/8" diameter hole. 272-710. 1.99
- (26) Amber, Mount in 7/16" hole. 3" leads. 272-707. Pkg. of 2/1.79
- (28) Green. With leads. For 5/8" mgd hole. 272-708. Pkg. of 2/2.39
- (29) Red, 272-703. Pkg. of 2/2.19
- (30) Red, Square Lens. 7/16" mgd hole. 272-704. Pkg. of 2/1.79
- (31) Amber, Round Lens. 7/16" mgd hole. 272-705. Pkg. of 2/1.79

### Automotive Lamps

- (11) Backup License, Turn Signal. 272-1159. 1.49
- (12) License, Parking. 272-1160. 1.59
- (13) License, Parking. 272-1161. 1.29

**Now Over 7000 Radio Shack Locations in the USA—We're Near You**

---

**Home and Vehicle Wiring Testers**

- **High-Voltage AC/DC Quick-Tester**, 90 to 500 volts. For quick checks on house wiring, electrical, and electronic devices. Neon bulb glows to indicate live circuit. **272-201** 1.09
- **Low-Voltage AC/DC Quick-Tester**, 5 to 50 volts. Just right for checking automotive wiring and battery-operated devices. LED glows to show live circuit and indicates DC polarity. **272-202** 1.49
- **120 VAC Grounded Outlet Analyzer**, Plug in before using tools or appliances. Readout warns if a grounded (3-wire) outlet is miswired. **22-101** 5.95

**Miniature Lamps**

- **(21) 12-Volt Flashing Lamps**, 95 mA. **272-1097** Pkg. of 3/69c
- **(22) Colored Mini Lamps**, 60 mA. **272-1098** Pkg. of 6 Volt. 272-1099 Pkg. of 3/69c
- **(23) 12-Volt, 1.5-Volt, 15-Milliamp Micro-lamps**, 272-190 Pkg. of 2/1,19

**Halogen Lamp**

- **NEW** FOR 88!
- **HPR52**, The really bright one! Hard-to-find original equipment replacement for flashlights and camping lanterns. Rated 2.8 volts, 0.85 amp. **272-1190** 3.95

**Xenon Strobe Tube**

- **359** 100,000 Flash Life

For photo flash replacement or use in projects. Trigger: 4 kV Anode: 200 volts minimum, 300 volts maximum. With data. **272-1145** 3.29

**Lamp Holders**

- **(32) E-10 Base**, Mounts on flat surface. **272-1139** 69c
- **(33) Bayonet Base**, **272-355** 89c
- **(35) Mini Panel Lamp Holders**, Include one red and one green lens. **272-355** 89c
- **(34) Bayonet Base**, **272-355** 89c
- **(36) E-5 Base**, Two red and two white lenses. **272-340** Pkg. of 2/1,69
POWER CONVERTERS & AC/DC ADAPTERS

Foreign AC Power Converters and Plug Adapters

Use 120 VAC Personal Appliances In Places With 240 VAC Power

Low As 13.95

- Your Best Travel Companion
- Compact Size
- Overload Protected

(1) 50-Watt Converter/Transformer for Electronic Equipment. Converts 240 VAC to 120 VAC to operate most cassette recorders, radios, photoflash units, battery rechargers, calculators, razors, lens sterilizers and appliances up to 50 watts. 9½ oz. 3½ x 1½ x 1¼". 273-1401 13.95

1000-Watt Converter. Allows use of 120 VAC nonmotorized heating appliances from 240 VAC. For most irons, curlers, curling iron, heating pads, steamers, manicure sets, immersion heaters, incandescent lamps and food/bottle warmers. 3 oz. 3½ x 1½ x 1¼". 273-1402 14.95

1600-Watt Converter. Allows use of 120 VAC heating appliances from 240 VAC. For hand-held hair dryers with universal (AC/DC) motors, most irons, electric blankets, steamers, manicure sets, immersion heaters, incandescent lamps and food/bottle warmers. 3 oz. 3½ x 1½ x 1¾". 273-1404 18.95

(2) Plug Adapters. Let you connect power converters, above, to almost any wall outlet in the world. Vinyl pouch. Must be used with one of the converters, above. Set of 4. 7.95

IMPORTANT NOTE! These converters can NOT be used with clocks, TV sets, high-fidelity equipment, typewriters, computers, hooded hair dryers, slide projectors or permanently installed equipment. NOT for continuous use. Will NOT work with DC (direct current). 1600-watt and 1000-watt converters should NOT be used with transformer-operated equipment.

(3) U.S.-Outlet Plug Adapter. Lets you to connect dual-voltage appliances with European plugs to U.S.-type 120 VAC power outlet. 273-1406 1.95

120 VAC to 9 VDC Adapter

For AC operation of many battery-powered portables with external DC jack. Includes two Adapta-plugs. UL listed. 273-1651 9.95

120 VAC to 12 VDC Adapter

For AC operation of many battery-powered video games, radios, recorders and small TVs. With four Adapta-plugs. UL listed. 273-1652 10.95

120 VAC to 12 VDC High-Current Adapter

Delivers up to one amp to power most 12 to 15-volt portable TVs, portable VCRs and cassette portables. UL listed. 273-1653 18.95

Personal Portable Adapter

Hum-free circuit designed for personal portable stereos. Switch selects 1.5 or 3 VDC output. With two Adapta-plugs. UL listed. 273-1654 12.95

AC Adapters for Radio Shack Equipment

And Most Other Brands

Low As 4.95

(8) 9 VDC, 300 mA max. Connector: coaxial "barrel-type" plug with outside diameter of 5.5 mm and inside diameter of 2.1 mm. 273-1455 7.95

(9) 6 VDC, 150 mA max. Coaxial-type connector as above. 273-1454 6.95

(10) 9 VDC, 25 mA max. Connector is a 3⁄8" submini-type phone plug. 273-1431 5.95

(11) 3 VDC, 200 mA max. Connector is a 3⁄8" submini-type phone plug. 273-1435 5.95

(12) 9 V Battery Eliminator, 25 mA max. Connector is snap-type as used on 9-volt rectangular batteries. 273-1552 4.95

120 VAC to 12 VDC Power Supplies

For Operating or Servicing Mobile CBs, Ham Transceivers and Autosound at Home

Regulated 12 VDC Power Supply. Operates most devices requiring 12 to 14 volts DC. Also a good choice for workbench power supply. Features push-to-reset circuit breaker, on/off switch, LED "on" indicator, heavy-duty finned heat sink for cool operation. Rated 2.5 amps continuous. 2¾ x 6½ x 6¼". UL listed AC. 22-120 39.95

12 VDC Supply. Same function as above but non-regulated and rated 1.75 amps continuous. UL listed. 22-127 26.95

Radio Shack—67 Years of Value, Service and Reliability
**RADIO SHACK FILLS ALL YOUR BATTERY NEEDS**

**Premium-Quality Alkalines With Long-Lasting Power and Shelf Life**

- Our Best, Longest-Lasting Non-Rechargeable Batteries
- Long Shelf Life • High Output at Low Temperatures
- Anti-Corrosion Contacts • Cost Less in the Long Run

These exclusive alkalines retain full power during long-term storage and give you top performance even under high current drain. For all standard uses.

<table>
<thead>
<tr>
<th>Fig.</th>
<th>Cell Type</th>
<th>Replacement for</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;C&quot;</td>
<td>814 E93 MN1400</td>
<td>23-551 Pkg. 2/2.49</td>
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<td>3</td>
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<td>815 E91 MN1500</td>
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<td>813 E95 MN1300</td>
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<td>824 E92 MN2400</td>
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<td>6</td>
<td>&quot;N&quot;</td>
<td>81C E90 MN9100</td>
<td>23-023 Pkg. 2/1.49</td>
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**Values in Calculator and Watch Batteries**

<table>
<thead>
<tr>
<th>High-Energy Lithiums</th>
<th>1.79 Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outperform alkalines! High energy density, extra-long life, lighter in weight.</td>
<td></td>
</tr>
</tbody>
</table>

**Heavy-Duty Alkalines | 89¢ Each**

Outperform and last longer than standard carbon-zinc batteries, even under high current drain conditions.

<table>
<thead>
<tr>
<th>Easy-to-Use Battery Checkers</th>
<th>Low As 4.59</th>
</tr>
</thead>
<tbody>
<tr>
<td>(7) Handy Checker. Checks batteries quickly and accurately. For &quot;D&quot;, &quot;C&quot;, &quot;AA&quot;, &quot;AAA&quot;, &quot;N&quot; and 9V in zinc-carbon, alkaline, nickel-cadmium. 22-096...6.95</td>
<td></td>
</tr>
<tr>
<td>(8) Radio Shack Checker. Tests &quot;D&quot;, &quot;C&quot;, &quot;AA&quot;, &quot;AAA&quot; advantageously. 22-098...4.59</td>
<td></td>
</tr>
</tbody>
</table>

**ENERCELL Hearing Aid Battery Packs**

1.45V Air-Activated Packs

Light, yet have about twice the capacity of other types. Air-seal-protected for long shelf life.

<table>
<thead>
<tr>
<th>Quality Calculator And Watch Batteries</th>
<th>Extra Protection Against Leakage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keep working longer and harder than comparable batteries. Store at room temperature for longer life.</td>
<td></td>
</tr>
</tbody>
</table>

---

**Fig.**

- Type W. 543. SR926
- Type E. 503. SR927
- Type M. 504. SR928
- Type P. 505. SR929
- Type A. 506. SR930
- Type B, 509.
- Type C. 506.
- Type G. 510.
- Type H. 511.
- Type I. 512.
- Type J. 513.
- Type K. 514.
- Type L. 515.
- Type L. 516.
- Type M. 517.
- Type N. 518.
- Type O. 519.
- Type P. 520.
- Type Q. 521.
- Type R. 522.
- Type S. 523.
- Type T. 524.
- Type U. 525.
- Type V. 526.
- Type W. 527.
- Type X. 528.
- Type Y. 529.
- Type Z. 530.

---

Radio Shack—67 Years of Value, Service and Dependability

---

**Fig.**

- Type A. 506.
- Type B. 509.
- Type C. 506.
- Type G. 510.
- Type H. 511.
- Type I. 512.
- Type J. 513.
- Type K. 514.
- Type L. 515.
- Type M. 516.
- Type N. 517.
- Type O. 518.
- Type P. 519.
- Type Q. 520.
- Type R. 521.
- Type S. 522.
- Type T. 523.
- Type U. 524.
- Type V. 525.
- Type W. 526.
- Type X. 527.
- Type Y. 528.
- Type Z. 529.

---

**Radio Shack**

- Type A. 506.
- Type B. 509.
- Type C. 506.
- Type G. 510.
- Type H. 511.
- Type I. 512.
- Type J. 513.
- Type K. 514.
- Type L. 515.
- Type M. 516.
- Type N. 517.
- Type O. 518.
- Type P. 519.
- Type Q. 520.
- Type R. 521.
- Type S. 522.
- Type T. 523.
- Type U. 524.
- Type V. 525.
- Type W. 526.
- Type X. 527.
- Type Y. 528.
- Type Z. 529.
YOU CAN DEPEND ON ENERCELL® BATTERIES

Battery Charger

Charges Two or Four

The Archer® charger lets you reuse ENERCELL General-Purpose or Extra-Life batteries. For "C", "D", "AA", and 9V. Protected against overcharging. 2 1/4 x 8 1/2 x 3 3/4". UL listed AC.

23-120 ........................................... 12.95

Reliable Batteries for General-Purpose Use

- Cost Less Than Most Brands
- Protected Against Leakage
- Always Fresh and Strong
- Recharging Capability Without The Cost of Rechargeables

Our most popular batteries! We sell millions each year so our stock is always fresh and strong. Compare the other brands and you'll see what a great value these batteries really are. Stock up now!

<table>
<thead>
<tr>
<th>Fig</th>
<th>Cell Type</th>
<th>Replacement for Eveready</th>
<th>Ray-O-Vac</th>
<th>Cat No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;C&quot;</td>
<td>935</td>
<td>14</td>
<td>23-467</td>
<td>.37</td>
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<tr>
<td>2</td>
<td>&quot;D&quot;</td>
<td>950</td>
<td>13</td>
<td>23-466</td>
<td>.37</td>
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<tr>
<td>3</td>
<td>9V Rect.</td>
<td>216</td>
<td>1804</td>
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<td>.59</td>
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<td>4</td>
<td>&quot;AA&quot;</td>
<td>915</td>
<td>15</td>
<td>23-468</td>
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<td>5</td>
<td>6V</td>
<td>509</td>
<td>941</td>
<td>23-006</td>
<td>2.89</td>
</tr>
</tbody>
</table>

Get a FREE Battery Card

Up to $7.08 Value!

Join our Battery-A-Month Club and get one General-Purpose "D", "C", "AA" or 9V ENERCELL each month for a year! No obligation, nothing to buy!

At participating Radio Shack stores and dealers. 6V lantern battery excluded.

ENERCELL Extra-Life Batteries for Heavy-Duty Use

- "Miracle Seal" Provides Greater Leak Protection Than Most Batteries
- Up to Three Years Shelf Life
- Rigid Steel Case

Specially processed electrolyte core provides longer service life than ordinary batteries.

<table>
<thead>
<tr>
<th>Fig</th>
<th>Cell Type</th>
<th>Replacement for Eveready</th>
<th>Ray-O-Vac</th>
<th>Cat No.</th>
<th>Each</th>
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<td>6</td>
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<td>1250</td>
<td>6D</td>
<td>23-580</td>
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<td>8</td>
<td>&quot;C&quot;</td>
<td>1235</td>
<td>4C</td>
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<td>1222</td>
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<td>10</td>
<td>&quot;AA&quot;</td>
<td>120</td>
<td>5AA</td>
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<td>11</td>
<td>&quot;N&quot;</td>
<td>125</td>
<td>5AA</td>
<td>23-584</td>
<td>39</td>
</tr>
</tbody>
</table>

Portable Power for Video And Phones

59.95

For Cellular Telephones, TVs, VCRs, Lights and Cameras

ENERCELL Rechargeable Power Pack. Includes DC charger with 5-foot cord that plugs into 12VDC neg. gnd. vehicle lighter socket, and a UL listed AC charger that plugs into 120VAC household outlet. Delivers 12 volts at 5 amper-hour. With heavy-duty carry case and strap. 23-182 ........................................... 59.95

"Hard-to-Find" Batteries

<table>
<thead>
<tr>
<th>Fig</th>
<th>Volt</th>
<th>Equivalent Types</th>
<th>Eveready</th>
<th>Ray-O-Vac</th>
<th>Dura- cell</th>
<th>Cat No.</th>
<th>Price</th>
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<tr>
<td>13</td>
<td>12</td>
<td>3732</td>
<td>926</td>
<td>M926</td>
<td>23-007</td>
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<td>14</td>
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<td>304116</td>
<td>304116</td>
<td>TR431</td>
<td>23-670</td>
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<td>15</td>
<td>11.2</td>
<td>E4318P</td>
<td>TR431</td>
<td>23-671</td>
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<td>16</td>
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<td>23-181</td>
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<td>17</td>
<td>1.45</td>
<td>AOC675</td>
<td>R675ZDA</td>
<td>DA675</td>
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<td>18</td>
<td>5.6</td>
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<td>22</td>
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<td>23</td>
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<td>E175</td>
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<td>24</td>
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<td>E401</td>
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<td>RM401</td>
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<td>25</td>
<td>22.5</td>
<td>505</td>
<td>221</td>
<td>M505</td>
<td>23-510</td>
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<td>RPX28</td>
<td>23-469</td>
<td>3.99</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Apply for Revolving Credit Today and Increase Your Buying Power—See Page 3

MONEY-SAVING ENERCELL® RECHARGEABLES

Nickel-Cadmiums Give You Reusable Power

1.25V "D" Cell
1.25V "AA" Cell
1.25V "C" Cell
1.25V "AAA" Cell
1.25V "N" Cell

You can recharge these ENERCELL batteries with one of our chargers on this page. Although nickel-cadmiums cost more than ordinary batteries, they actually cost much less in the long run because they are reusable over and over again!

<table>
<thead>
<tr>
<th>Fig</th>
<th>Cell Type</th>
<th>Volts</th>
<th>Amp Hour</th>
<th>Replacement for</th>
<th>Cat. No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;D&quot;</td>
<td>1.25</td>
<td>1.1</td>
<td>Eveready GC3</td>
<td>23-123</td>
<td>Pkg. of 2/$5.99</td>
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<tr>
<td>2</td>
<td>&quot;AA&quot;</td>
<td>1.25</td>
<td>0.450</td>
<td>GE NC13</td>
<td>23-124</td>
<td>Pkg. of 2/$3.99</td>
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<tr>
<td>3</td>
<td>&quot;C&quot;</td>
<td>1.25</td>
<td>1.1</td>
<td>Duracell NC15</td>
<td>23-125</td>
<td>Pkg. of 2/$2.99</td>
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<tr>
<td>4</td>
<td>9-Volt*</td>
<td>7.2</td>
<td>0.065</td>
<td>GC2 NC1604</td>
<td>23-126</td>
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<td>1.25</td>
<td>0.150</td>
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<td>23-127</td>
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<td>Pkg. of 2/$2.49</td>
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*9V applications

<table>
<thead>
<tr>
<th>Fig</th>
<th>Cell Type</th>
<th>Volts</th>
<th>Amp Hour</th>
<th>Replacement for</th>
<th>Cat. No.</th>
<th>Price</th>
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<td>1.8</td>
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<td>23-141</td>
<td>4.95</td>
</tr>
</tbody>
</table>

HI-CAPACITY™ Heavy-Duty Cells

Outperform Regular Nickel-Cadmiums
Always Dependable

For high-current-drain equipment where dependability is a must. HI-CAPACITY batteries last much longer than regular nickel-cadmium batteries before requiring a recharge.

<table>
<thead>
<tr>
<th>Fig</th>
<th>Cell Type</th>
<th>Volts</th>
<th>Amp Hour</th>
<th>Replacement for</th>
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<tbody>
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<td></td>
<td>23-141</td>
<td>4.95</td>
</tr>
</tbody>
</table>

Battery Chargers to Fit Any Budget

(10) Standard. For use with "D", "C", "AA" and 9V batteries.
23-132 .................................. 12.95

(11) Deluxe. Charges up to 10 "C", "D" or "AA" batteries. Also charges "AAA" or "N" sizes when you add Modules below.
23-134 .................................. 29.95

"AAA"-Size Module.
23-135 .................................. Pkg. of 4/1.95

"N"-Size Module.
23-137 .................................. Pkg. of 4/1.95

UL listed AC
Batteries not included

Chargers for "AA" and "AAA" Batteries

(14) "AA"/"AAA" Charger. Regulated to prevent overcharging. Charges up to six batteries.
23-136 .................................. 11.95

(15) "AA" Charger. Economical choice for charging personal portables and camera accessories. Charges up to four batteries.
23-133 .................................. 5.95

Special-Purpose Chargers

(16) Portable Charger. Plugs into vehicle lighter socket and recharges "C", "D", "AA" and 9V nickel-cadmiums. 12VDC neg. or pos. gnd.
23-139 .................................. 12.95

(17) Transistor Charger. For nickel-cadmium transistor batteries only. UL listed AC.
23-131 .................................. 4.29

REPLACE-A-CELL™ Ni-Cds

Now you don't have to wait for "exact replacement" battery packs for cordless devices! REPLACE-A-CELL is available in two popular sizes. Also for making your own battery packs.

(18) "Sub C" Size. 1.10 Ah, 1.25V.
23-190 .................................. Pkg. of 2/5.99

(19) "AA" Size. 0.45 Ah, 1.25V.
23-191 .................................. Pkg. of 2/3.99

(20) Cordless Phone Pack. 500 mAh, 3.75V.
23-170 .................................. Each/9.95

Prices Apply at Participating Radio Shack Stores and Dealers
**EXCITING ROBOTS & METAL DETECTORS**

**Robie Jr.® Remote Control Robot**

- **79.95**
  - He Really Talks!

Amazing entertainment for the entire family. Turn him on and he greets you by saying "hello." Use the ultrasonic remote control to move Robie Jr. forward, backward and right or left—he'll even follow after you on his own! He also speaks nine different phrases, is 10½" high and has movable arms and a removable carry tray. Requires one 9V and 4 "D" batteries.

60-2397 ........................................... 79.95

**Armatron® Mobile Robot With Remote**

Moves Forward And Backward, Left and Right

- **39.95**
  - Moves Forward And Backward, Left and Right

Advanced robotics! Use the wired controller to rotate the arm and hand in the proper direction to grasp, pick up and release objects, plus move and turn. You can move game board pieces or even add sugar to your cereal! Rubber-coated pincers. Speed control. 14" high at max. arm extension. Requires 4 "D" batteries.

60-2396 ........................................... 39.95

**Robie Sr. Programmable Robot**

- **179.95**
  - Low As $15 Per Month*

Program His Moves On the Built-in Cassette

- Speak Through Built-in Mike
- Built-in Clock/Timer With LCD Display

Use the remote control to move Robie Sr. forward, backward, right and left at your command. Or program him to move, make robot sounds and speak in your own voice, and even play prerecorded tapes. Transmitter mike picks up your voice and projects it through his built-in speaker. Robie Sr. has headlight eyes and his mouth flashes when he talks. Built-in clock/timer with LCD display, detachable tray and lockable grasping hand. Battery check and power indicators. 19" high. Includes rechargeable battery with UL listed AC charger. Also requires 6 "AA" batteries.

60-2398 ........................................... 179.95

**You Can Strike It Rich for Fun or Profit With Our Metal Detectors**

**Very Low Frequency Metal Detector**

Very Low Frequency circuitry identifies buried, valuable metals even in highly mineralized ground. Waterproof 8" search coil even detects objects in shallow water. Auto-tune for optimum sensitivity. Built-in meter and speaker for visual and audible indication. Volume, sensitivity, tuning and discrimination controls, ¼" headphone jack. Adjustable shaft extends to 26½". Requires 3 9V batteries. 63-3003 ........................................... 89.95

**Discriminator Detector**

Discriminator-type circuit identifies "junk" like bottle caps and pull-tabs to avoid useless digging. Speaker and meter for visible and audible indication. Auto-tuning. Volume and discriminator controls. Battery test switch. Sensitive 6" search coil. Has ¼" headphone jack. Adjustable shaft extends to 24". Requires 6 "AA" batteries. 63-3002 ........................................... 59.95

**"Standard" Detector**

Spots metal under soil, wood and dry sand. Water-resistant coil has a Faraday Shield to cut false readings. Large meter, peak and volume controls. Ferrous/nonferrous control helps identify valuable objects. Has ¼" jack for lightweight-type headphones. Adjustable shaft extends to 24". Requires 6 "AA" batteries. 63-3001 ........................................... 39.95

**Treasure Finder**

Spots anything metallic up to one-half foot underground! Easy-to-use tuning and fine-tuning controls. Speaker tone changes when search coil detects metal. Adjustable shaft extends to 27½". Requires 9V battery. 60-3003 ........................................... 19.95

Use Dependable Radio Shack ENERCELL Batteries in All Your Battery-Operated Products
RADIO-CONTROLLED TOYS FOR YOUNG AND OLD

Digital Proportional Super 959 Racer

For $39.95

Nestle this sleek stock car into position at the starting line and get ready for action! Shift into high for speed, or into low when taking steep hills on a cross-country rally. Sturdy front suspension. 13" long. Requires 2 9V and 6 "C" batteries. 27 MHz. 60-4066

Available Sept. 30, 1987

Off-Road Wild Champ With Dual Stick Control

For $34.95

Wild Champ delivers pure off-road exhilaration at scale speeds of 50-75 mph! Takes the dunes even at 30° inclines. Oversized air-filled knobby tires. 10½" long. 49 MHz. Requires 9V and 6 "AA" batteries. 60-4064

Low-Priced Wireless RC Vehicles

(1) Lamborghini. Fast aerodynamically designed car cuts through the wind. 9" long. 27 MHz. Requires 2 9V and 4 "AA" batteries. 60-4051

(2) Chevy Truck. Rugged road-machine with rollbar and authentic body styling in 1/20 scale. 9" long. 27 MHz. Requires 2 9V and 4 "AA" batteries. 60-3093

(3) Zebra Frame Buggy. Wide, angled bumper. Controller is built into a hand-held steering wheel. Air-filled tires. 10½" long. 49 MHz. Requires 9V and 6 "AA" batteries. 60-4065

Streamlined High-Speed Ferrari

For $29.95

You'll turn heads when you drive this beauty into the stadium! Dual frequencies let you race against a friend. Multifunction control. 11" long. Requires 2 9V and 4 "C" batteries. 49 MHz. 60-4063

Climbs 45° Hills Action Sound

 WW-II Sherman Tank Replica

For $39.95

Get rolling with the famous 2nd Armored Division and win the battle for the Allies. Working searchlight for night maneuvers. 13" long. 27 MHz. Requires 2 9V and 4 "C" batteries. 60-4059

Turbocharged Nissan 300ZX

For $19.95

Pop it into high gear on the open straight and leave the competition behind! 8" long. Requires 2 9V and 3 "AA" batteries. 27 MHz. 60-3094

Talking Robot

For $21.95

Robie® brings the future to you! Hand control/mike makes him "talk" with your voice. Moves forward, turns in reverse. 9" high. 49 MHz. Requires 2 9V and 4 "AA" batteries. 60-4061

Lovable Puppy Pal

For $15.95

This RC pup's no dog! He'll move forward, spin or heel without obedience school. 9" long. 27 MHz. Requires 9V and 3 "AA" batteries. 60-4060
RC FUN OFF THE ROAD AND ON THE WATER

Rechargeable Turbo Racer With Power-Off

*NEW FOR $88* 69.95 Available Sept. 30, 1987

Auto Power-Off Saves Batteries

Lay some rubber when the light turns green! Jack for charging nickel-cadmium batteries. 12½” long. 27 Mhz. Requires 9V and 8 “AA” batteries. 60-4069 69.95

AC Charger. UL listed. 273-1652 10.95

Rechargeable Turbo Beetle

*NEW FOR $88* 49.95 Available Sept. 30, 1987

Conquer the treacherous Baja! Jack for charging nickel-cadmium batteries. 12” long. 49 Mhz. Requires 14 “AA” batteries. 60-4071 49.95

AC Charger. UL listed. 273-1651 10.95

Digital-Proportional Off-Roader With Dual-Stick Transmitter

*NEW FOR $88* 159.95 Available Sept. 30, 1987

Digital Proportional Steering for Gradual And Sharp Turns in Forward and Reverse

Friction Damper Front And Rear Shock Absorbers Reduce Bounce to Keep Buggy on Track

Rechargeable Battery Pack & Charger

The fully assembled, 2-channel Golden Arrow Buggy has a powerful Mabuchi RS-540S electric motor that blows the competition away! You’ll enjoy the excitement of real RC racing. Wide, angled bumper lets you “catch waves” at the beach. Features FET motor drive system, trailing arm front suspension and rigid axle rear suspension. With 120V UL listed AC charger, 7.2V 1200 mAh nickel-cadmium battery pack. 15½” long. 27 MHz. Transmitter requires 10 “AA” batteries. 60-4072 159.95

AC Charger. UL listed. 273-1652 10.95

Malibu 4 x 4 With Selectable Two or 4-Wheel Drive

*NEW FOR $88* 119.95 Available Sept. 30, 1987

Digital Proportional 2-Channel Working Headlights Rechargeable

Looks and drives like the real thing! High/low switch for real climbing power. Or switch over to the true 4WD system to tackle the roughest terrain. Authentic styling in 1/10 scale. Jack for charging nickel-cadmium batteries. 17” long. 27 MHz. Requires 4 HI-CAPACITY “C” nickel-cadmium and 10 “AA” alkaline batteries. 60-4071 119.95

AC Charger. UL listed. 273-1651 9.95

4 x 4 Off-Roader With Four-Wheel Drive

*NEW FOR $88* 44.95

Dual-Stick Transmitter For Fast Response

High-traction 4-wheel drive with super-size tires for mud-stomping action. Two frequencies let you make an off-road challenge to see which truck and driver is toughest. High gear for speed and low gear for real climbing power. 12½” long. Requires 2 9V and 4 “C” batteries. 49 MHz. 60-4067 44.95

27 MHz. 60-4057 44.95

AC Charger. UL listed. 273-1652 10.95

Use Dependable ENERCELL® Alkaline Batteries—See Pages 148-149
Turn Learning Into Fun With Electronic Games

Show 'N Learn. Fascinating game show for children and it's also educational. Includes 100 quiz panels in 10 categories. Slide a card into question-and-answer slot, push the button of the letter you think is right. If you are correct, letter lights up. For ages four and up. Requires 9V battery.

Play 'N Learn. Learning with the Clown can be fun. Has addition and subtraction quizzes, game key and multiplication tables. Includes two calculator functions. LCD display. On/off switch plus automatic shutoff to prolong battery life. Requires 2 "AA" batteries.

Spell 'N Math. Teaches youngsters five and up ABCs and numbers. Has 15 mode functions including prespelling activities, full spelling activities, guessing games for letters or words. Math activities include matching numbers and multiplication quiz. Easy-to-use keyboard. Requires 2 "AA" batteries.

Mickey Mouse® Calculator

Large 8-Digit LCD Display
Mickey makes math merry for ages four and up. Auto-power off. With manual. Requires 2 "AA" batteries.

Wireless FM Microphone

Built-in Speaker
25 Keys
Talk or sing over nearby FM radio. Even works in a car. Requires 2 "AA" batteries.

Programmable Electronic Organ

Built-in Speaker
25 Keys
Compose and play your own songs or eight preprogrammed tunes. Requires 4 "C" batteries.
ELECTRONIC GAMES TO TEST YOUR SKILLS

Deluxe Fast-Response Sensory Chess

99.95
Low As $15 Per Month
For Advanced Or Beginning Players

Radio Shack 1850. Sensitive playing board with LED position indicators. Takeback and setup capabilities. 17 play levels. Solves mate in ten. Memory stores unfinished games. 1 1/2 x 14 11/16 x 9 9/16". Requires 4 "C" batteries. 60-2201

Portable Companion Bridge Game

NEW FOR 88
59.95
LCD Display Shows Your Hand and The Dummy’s

Play bridge against a computer. Recall tricks made, contract of current game and scores anytime. Allows rebidding of same deal. 1 3/4 x 7 3/16 x 4 3/8". Requires 9V battery. 60-2202

Electronic Sea Battle Strategy Game

29.95
Four Exciting Games of Military Strategy

Play an opponent or against the computer! Fire at enemy ships hidden on the opposite grid-pattern sea. Electronic sound effects and lights indicate if you’ve scored a “hit” or a “miss.” The last ship afloat, wins the game. 2 1/4" high. Requires 4 "AA" batteries. 60-2193

Pocket Games to Go

Highway Plane & Tank Repeat
12.95 12.95 10.95
(1) NEW! LCD Highway Game. Can you avoid the obstacles while trying to pick up the hitchhiker and take her to the bus stop? If you can, you’ll get a chance to pull into the gas station and win the jackpot. Two game speeds. Built-in alarm clock. 2 1/4 x 3 3/8 x 7 1/8" With RS386A battery. 60-2222

(2) LCD Plane & Tank Battle. Your mission: get your tanks across the bridge, but watch out for enemy bombers. Two game levels—play at normal or fast speeds. Sound effects. Built-in clock 2 1/4 x 3 3/8 x 1/2" With RS386A battery. 60-2196

(3) Pocket Repeat. The portable memory game that plays a random series of notes. Then, you must play them back in the same order or you lose. Two skill levels. 1 11/16 x 3 1/8 x 3 1/8". Requires 9V battery. 60-2152

All Radio Shack Chess Games Endorsed by Garry Kasparov—The World Champion
SAFE AND SOLDERLESS SCIENCE FAIR® KITS

200-in-1 Electronic Project Kit
For Adults and Children Alike

44.95 NEW 88
Includes Complete 108-Page Project Manual

- Learn Basic Electronic Circuitry
- 100% Safe Battery Operation
- Easy-to-Use Coil-Spring Assembly

Available Sept 30, 1987

Build a burglar alarm, telegraph, AM broadcast station, digital timer, electronic organ, radios and much more. Also includes integrated circuits with "OR," "AND," "NOR" and "NAND" gates that help teach computer fundamentals. All parts are premounted in the molded case. Features outfront controls and speaker. Connect, disconnect and reconnect all circuits using the spring-clip connectors—no soldering needed, never anything to clean up afterwards. Requires 6 "AA" batteries.

129.50
Learn the basics of electronics as you build a radio, beacon light, alarm, timer and simple computer circuits. With earphone. Requires 2 "AA" batteries.

199.50
Features a central processing unit (CPU) and hexadecimal input keyboard. Seven preprogrammed games. Built-in audio amplifier and speaker. Requires 6 "AA" batteries.

60-Project Electronic Lab

19.95

- Built-In Piezo Buzzer
- Coil-Spring Connectors

Premounted transistors, capacitors, resistors and diodes let you build computer circuits, a radio, Morse Code system and magnetic noise detector. Built-in electric motor and radio antenna coil. Includes everything you need to build all 60 projects again and again. With earphone and easy-to-read illustrated manual. Requires 9V and 2 "AA" batteries.

100 Programs! Microcomputer Trainer

29.95

- 20 Control Switches
- LED Display
- Includes 180-Page Programming Manual

Use Powerful Radio Shack ENERCELL® Extra-Life Batteries in All Your Science Fair Kits
**PROJECT KITS ARE FUN FOR ALL AGES**

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<th>Kit Name</th>
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<tr>
<td><strong>30-in-One Mechanical Lab Kit</strong></td>
<td>$14.95</td>
<td>Learn What Makes Machinery Run Discover the fascinating world of mechanical physics. Build projects using gears, cams,</td>
<td>Create Working Models</td>
</tr>
<tr>
<td><strong>Physics Lab Project Kit</strong></td>
<td>$19.95</td>
<td>Experiment with liquids, simple machines, heat, sound, pressure, magnetism and more. Requires 2 &quot;AA&quot; batteries.</td>
<td>280 Projects In 10 Fields</td>
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<tr>
<td><strong>100-Project Aviation Lab Kit</strong></td>
<td>$19.95</td>
<td>Build a helicopter, flyable model airplane, helium balloon and rocket with parachute recovery system. Lab-type manual.</td>
<td>Learn the History And Principles Of Flight</td>
</tr>
<tr>
<td><strong>Science 3 Lab Kit</strong></td>
<td>$19.95</td>
<td>Discover the exciting world of science. Do experiments dealing with the laws of mechanics. Learn the secrets of solar energy.</td>
<td>Available Oct 30, 1987</td>
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<tr>
<td><strong>ArcherKit® for Advanced Hobbyists</strong></td>
<td>$7.95</td>
<td>No tubes or transistors. Like the first radios, a crystal converts RF to audio. Covers the 550-1600 kHz AM band. Solderless.</td>
<td>Plays Without AC or Batteries</td>
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<tr>
<td><strong>Solar Energy Lab Kit</strong></td>
<td>$14.95</td>
<td>The energy source of tomorrow! All you need is sunlight or another source of bright light to power solar radio receivers, a</td>
<td>25 Exciting And Educational Projects</td>
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<tr>
<td><strong>Communications Lab</strong></td>
<td>$12.95</td>
<td>AM broadcaster, AM receiver, code practice oscillator. With code key, LED, antenna, speaker and manual. Requires 9V battery.</td>
<td>Includes AM broadcaster, AM receiver, code practice oscillator. With code key, LED, antenna, speaker and manual. Requires 9V battery.</td>
</tr>
<tr>
<td><strong>AM/SW Kit</strong></td>
<td>$12.95</td>
<td>Listen to distant shortwave stations or local AM stations. Three bands: 520-1625 kHz, 5.5-10, 9-16 MHz. With earphone. Requires 2 &quot;AA&quot; batteries.</td>
<td></td>
</tr>
<tr>
<td><strong>Crystal Radio Kit</strong></td>
<td>$4.95</td>
<td>No tubes or transistors. Like the first radios, a crystal converts RF to audio. Covers the 550-1600 kHz AM band. Solderless.</td>
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</tbody>
</table>

When in Fort Worth, Visit Tandy Center Mall — The Downtown Shopping Place
PRINTING CALCULATORS FOR RECORD KEEPING

Two-Color, 12-Digit Fluorescent

Radio Shack EC-3015. Prints subtractions in red and commas after every third digit. Features 4-key memory, last-digit correction and round-off. Has percent, total, subtotal and paper feed keys. $79.95

Fluorescent 10-Digit With 4-Key Memory

Radio Shack EC-3011. Has round-off and nonprint controls. Oversize "+" and double "0" keys. Bright, easy-to-read display. 1 1/4 x 6 3/4 x 9 1/2. Includes sample paper roll. $59.95

Mini Desktop Printer

Radio Shack EC-2009. Get a permanent record anywhere. Features auto-constant, decimal placement, percent, subtotal, total and paper feed keys. 39.95

Hand-Held 10-Digit LCD

Radio Shack EC-3016. Mini size with fold-out holder for standard 2 1/4" paper. Has profit margin and decimal point keys. 1 3/4 x 6 3/4 x 9 1/2. Requires 4 "AA" batteries or AC adapter. 34.95

Desktop Calculators With Large Keys for Fast Figuring

Fluorescent 10-Digit With Exchange Key

Radio Shack EC-2010. Excellent for buyers and salespeople. Four-key memory, gross profit margin, exchange, percent and item count keys. 7/8 x 4 1/8 x 7/16. Requires 2 "D" batteries or AC adapter. 29.95

Dual-Powered 10-Digit Portable

Radio Shack EC-2013. Solar/battery power. Auto-shutoff and 3-key memory. Decimal and round-off switches, sign change, square root and percent keys. 7/8 x 3 1/4 x 6 1/16. Vinyl pouch. With RS 357A battery. 17.95

With Review Memory

Radio Shack EC-2015. Remembers up to 32 entries, so you can check your calculations. Mini-size with full 4-key memory, percent, square root, mark-up, and sign change keys. Auto-constant, 3-digit commas in display. Auto-shutoff prolongs battery life. 7/8 x 4 1/4 x 4 7/8. With RS 386A batteries. 15.95

Solar 10-Digit


Prices Apply at Participating Radio Shack Stores and Dealers
VALUES IN DUAL-POWERED CALCULATORS

Figure Anywhere! Solar to Battery Auto-Switching in Dim Light


Radio Shack EC-426. Lightweight, horizontal folding style with extra-large keys and display. Four-key memory and square root and percent keys. Double size "+" key for quick addition. 2-1/8 x 4-1/16 x 1/2" (folded). With RS 389A battery. 65-913 .......................... 12.95


Radio Shack EC-444. A deluxe pocket calculator featuring 4-key memory and square root and percent keys. Billfold case. 4-1/4 x 2-1/8 x 3/8". With RS 386A battery. 65-888 .......................... 8.95

Radio Shack EC-414. Our lowest priced full-featured model. LCD display is canted for desktop viewing. Percent, square root and sign-change keys. Auto-constant for repeating operations. Three-digit commas in display. Double size "+" key. 4-1/2 x 2-1/8 x 3/4". With RS 389A battery. 65-560 .......................... 6.95

Radio Shack EC-430. Checking made easy! Billfold case has room for storing checks and register, pen and five credit cards in card holder (not shown). Features deposit check, charge payment, and balance keys for keeping track of expenses. Remembers calculations even when "off": Key-lock security code. Auto-constant and auto-shutoff. 2-3/4 x 6-13/16 x 4-13/16". With RS 389A battery. 65-570 .......................... 14.95

Ultrathin Pocket and Multipurpose LCD Calculators

Alarms Clock/Stopwatch Calculator 19.95

Clock Displays Hours, Minutes and Seconds With P.M. and Alarm-On Indicators

Radio Shack EC-307. More than just a full-featured calculator, it's a timepiece to keep you on schedule. Stopwatch has lap and total time functions and its 24-hour alarm sounds for 60 seconds. Has auto-constant and percent key. 3-1/16 x 2-3/8 x 9/32". Billfold case. With RS CR2025 battery. 65-691 .......................... 19.95

Folding Solar-Thin™ 17.95

Only 1/8" Thin When Folded
Never Needs Batteries

Radio Shack EC-418. Elegant, classy and slim enough to go anywhere. Fits in a billfold or purse. Features 3-key memory and square root and percent keys. Has touch-sensitive "film face" keys and metal back. 2-1/8 x 3-1/4 x 9/16" (folded). Textured carrying case. 65-911 .......................... 17.95

Micro-Thin™ Solar 9.95

1/8" Thin
Runs on Almost Any Light

Radio Shack EC-413. Just slip it into your wallet or purse with your credit cards. or use the handy billfold vinyl case included. Touch-sensitive "film face" keys. Features 3-key memory, auto-constant and square root and percent keys. 2-1/8 x 3-1/8 x 1/4". 65-910 .......................... 9.95

Ruler/Clock/Calculator 9.95

Separate Time/Calculator Displays

Radio Shack EC-325. The ultimate in desktop organization. Three-key memory, auto-constant and percent key. Metric conversion chart. 2 x 12-1/4 x 3-1/8". With RS 389 and RS 392 batteries. 65-551 .......................... 9.95

All Calculators Are Covered by Our One-Year Limited Warranty
## Calculators for Science and Engineering

### 110-Function Engineering And Physics Scientific

**Radio Shack EC-4035.** Accepts input and displays answers for the most popular engineering and electrical equations using common symbols! Alphanumeric display with contrast control. Functions for trig, statistics (with regression analysis), base-number math and logic, fractions. Engineering keys. Has 10-digit mantissa, 2-digit exponent. With billfold case. Two RS-CR2032 batteries. 5 3/8 x 2 3/8 x 3/4. **37.95**

Available Sept 30, 1987
- Complex Number Calculations
- Gamma Functions

### 76-Function Solar-Power Scientific Calculator

**Radio Shack EC-4018.** Horizontal design with large, easy-entry keys and extra-large display. Does base-number math and logical operations. Memory, random number, trig and standard deviation functions. Has 10-digit mantissa, 2-digit exponent. 4 3/4 x 3 3/8 x 1 1/2. **34.95**

- Works in Almost Any Light
- Nine Physical Constants

### 79-Function Scientific


- Memory
- Physical Constants
- Standard Deviations
- Random Number

### 71-Function Scientific Dual Powered

**Radio Shack EC-4014.** Nine levels of parentheses, plus standard deviations and memory. Base math, logical operations, 10-digit mantissa, 2-digit exponent. 5 3/8 x 3 x 3/8. With carry pouch. RS-399 battery. 65-979... **24.95**

- Random Number
- Trig Functions
- Solar, Battery

### Big-Key 98-Function Dual-Powered Scientific

**Radio Shack EC-4013.** Dual keyboards with large, widely spaced keys make operation easy as pi. All the built-in functions you'd expect in a top-quality scientific calculator—trig, statistics, fractions, engineering keys, random number, memory. Metric conversions include weights, areas, volumes, temperatures and atmospheres. Base-number conversions, calculations and logic functions. Has 10-digit mantissa, 2-digit exponent. 5 x 3 3/8 x 7/16. With built-in lithium battery. 65-930... **34.95**

- 16 Metric Functions
- Standard Deviations
- 13 Physical Constants
- Solar/Battery

### 40-Step Programmable Scientific

**Radio Shack EC-4021.** Low-cost programming. One independent and two constant memories. Has 8-digit mantissa, 2-digit exponent. 5 3/8 x 2 3/16 x 1 9/16. With billfold case, two RS-357A batteries. 65-984... **17.95**

- 46-Function Scientific
- Standard Deviations
- Auto-Shutoff

### Big-Value Scientific

**Radio Shack EC-4008.** Forty single-function keys. Features DEG/RAD/GRA switch, slide-rule functions. Has 5-digit mantissa, 2-digit exponent. 4 3/8 x 2 1/8 x 1/4. Billfold case. With two RS-357A batteries. 65-977... **12.95**

- Memory
- Auto-Off Conserves Battery
- True Algebraic Logic

### Convenient Desktop 68-Function Scientific

**Radio Shack EC-4030.** Handy folding support for comfortable viewing angle. Trig functions allow input of up to 10 digits! Coordinate conversion feature. Standard deviations, memory. Base-number calculations and conversions. Auto-shutoff conserves batteries. Has 8-digit mantissa, 2-digit exponent. 6 3/8 x 3 3/8 x 3/4. With two RS-357A batteries. 65-989... **27.95**

- Complex Numbers Function
- 15 Levels of Parentheses

Solar Power Calculations Are Not Lost by Momentary Interruptions of Light
Programmable Scientific
With 83 Functions

49.95

- 550-Step Programming
- Up to 94 Memories
- Branch/Condition Statements


73-Function Scientific Programmable Calculator

34.95

- 135-Step Programming
- Seven Memory Registers
- Base Number Conversions And Calculations

Radio Shack EC-4019. Stores up to four programs, 135 steps total. Trig and statistics functions including regression analysis and standard deviations. Random number, auto-power off. Has 10-digit mantissa, 2-digit exponent. 5 3/16 x 2 7/16 x 3/8". With manual, billfold case and RS-CR2025 battery. 65-986

Business Analysis and Financial Calculator

34.95

Built-In Functions Provide An Easy, One-Button Solution To Financial Problem Solving

Radio Shack EC-5100. Real estate, retail and personal calculations such as mortgages, lease/buy options and more can be calculated instantly! With statistics, memory and automatic constant. Manual with over 175 pages of business applications and a handy pocket guide. Has 8-digit display, 11 calculating digits. 5 3/4 x 2 9/16 x 7/8". With billfold case, two RS-357A batteries. 65-875

Super-Value Business and Financial Calculator

24.95

Available Oct. 30, 1987

- Statistical Functions
- Memory Contents Protected When Power is Off

Radio Shack EC-5010. Functions speed up calculations of amortization, bond yield, interest, annual/effective rate conversions and much more. With mean, summation, standard deviation. Manual includes more than 30 real-life applications. Has 8-digit display, 10 calculating digits. 5 1/8 x 2 9/16 x 7/8". With billfold case and two RS-357A batteries. 65-870

All Radio Shack Calculators Are Covered by Our One Year Limited Warranty

NEW! Radio Shack EC-317 Solar-Power Calculator for Yard-Foot-Inch Units. Makes measurement calculations a snap—just enter a value in yards, feet or inches (with YD, FT or IN keys); then press SO or CUB key to display square or cube measurement! Other linear calculations are just as easy. Single key converts decimal to fraction and reverse. Chain-calculation feature lets you make running-tally computations—handy when you’re figuring material requirements. Has 8-digit display. 5 1/16 x 2 3/4 x 9/16". With billfold case. 65-935


Radio Shack EC-309, Data Memory Pocket Calculator. Easy-to-use data bank stores important phone numbers, bank and credit card numbers for you. Memory accepts up to 20 items with six alphabetic and 12 numeric characters per item. Select the function and the number of the entry you want—that item is then displayed. Password protection of sensitive data. Contents can be edited. Calculator features 4-key memory, percent and square root keys. 4 5/16 x 2 1/4 x 4/8". With billfold case, RS-CR2016H battery. 65-994

Calculator Stand. (Not shown.) For desktop use. 65-705

Our Specialty Calculators Offer You a “Pocketful of Electronic Miracles”

27.95

Available Sept. 30, 1987

14.95

14.95

1.99

All Radio Shack Calculators Are Covered by Our One Year Limited Warranty
AFFORDABLE TANDY COLOR COMPUTERS

Our Most Powerful!
Color Computer 3" With Razor-Sharp Graphics!

199.95 Was $219.95
In Cat. RSC-17B
Low As $15 Per Month •
Monitor and platform not included

- Produce Sharp, Crisp Graphs and Illustrations
- Display 32 x 16 Text Using a TV, 40 x 24 or 80 x 24 Text With a Monitor
- 160 x 192, 320 x 192 or 640 x 192 Resolution
- Expands Easily as Needs and Skills Grow

128K Extended BASIC Color Computer 3. Ideal for graphics, programming, budgets, word processing, database management, spreadsheet analysis and many other applications. The Color Computer 3 comes with 128K memory (expandable to 512K), and gives you the advantage of greater programming and data-processing power, as well as higher-resolution graphics. Simply connect the Color Computer 3 to a high-resolution monitor—like the CM-8 (sold separately, below)—and you can create incredibly detailed charts, graphs and engineering drawings in vivid colors. The 21 additional commands featured in the Color Computer 3's Extended BASIC language allow you to switch between screens, colors and backgrounds at a higher resolution and in a greater variety of colors. Best of all, the Color Computer 3 is compatible with most software and accessories designed for the Color Computer 2. Expands easily with disk drives, printer, telephone modem and more. UL listed AC. 26-3334

CM-8 RGB Analog Color Monitor. 80 x 24 text, 640 x 192 graphics. 13" diagonal screen. Built-in speaker with volume control. Includes cable. UL listed AC. 26-3215

The Ever-Popular Color Computer 2®

99.95 Low As $15 Per Month •
TV not included

- Built-In Extended BASIC Language
- Uses a Variety of Plug-In Program Paks
- Create Your Own Color Graphics

64K Extended BASIC Color Computer 2. An affordable way to start computing for the whole family. There are hundreds of personal-productivity, educational, and game programs to choose from. Access 32,000 characters of memory using the built-in Extended BASIC language. Or add a disk drive and optional OS-9 operating system to access the full 64K memory. Attaches to any TV. Easy to expand. UL listed AC. 26-3127

Color Computer Upgrade Kits

16K RAM Upgrade Kit. Converts a 4K Color Computer to 16K to take advantage of larger, more sophisticated and powerful programs. 26-3015 • 29.95

Low-Profile Keyboard Kit. Upgrades any Color Computer with the older keyboard style to our newer version. 26-3016 • 24.95

64K RAM Upgrade Kit. Converts a 4K, 16K or 32K Color Computer to the same memory used in 26-3127. 26-3017 • 59.95

New Low Price! Extended BASIC ROM Kit. Upgrades a Color Computer for advanced graphics capabilities or to use disk drives. Requires 16K RAM. Was $39.95 in RSC-17B. 26-3018 • 14.95

Color Computer 3 512K Upgrade Kit. 26-3335 • 149.95

*Installation required (not included). Some installations may require additional-cost hardware.
COLOR COMPUTER ACCESSORIES

Increase Data Storage Capacity
With a Color Disk Drive

299.95
Low As $15
Per Month*

NEW FOR 88

156,672 Characters of User Storage Per Diskette

FD-502 Color Thinline Disk #0. Turn any Color Computer with Extended BASIC into a complete disk system and store over 156,000 characters of data. You can write your own sophisticated disk applications or add ready-to-run software. The drive plugs into the Program Pak port or Multi-Pak Interface. Includes 5½" double-sided, double-density, 40-track floppy disk drive; Program Pak cartridge containing the Disk Operating System; cable; one blank 5½" diskette; reference manual and operating instructions. When using OS-9 Level Two, full 40 tracks on both sides of the diskette can be used—increasing data storage even more. UL listed AC.

26-3133 Second Drive for FD-502. Adds 156K of storage. Requires installation (not included). 179.95

Special Savings When You Buy DeskMate® and a Disk Drive

Save $69.95
329.95
Reg. Separate Items 399.90
Low As $15 Per Month*

Complete package includes the FD-502 Floppy Disk Drive for an additional 156K of storage. and DeskMate 7-in-1 software featuring Text, Ledger, Paint, Index Cards, Telecom, Calendar and Calculator.

For the Color Computer 2. 329.95
For the Color Computer 3. 329.95

Deluxe Joystick
29.95

Get accurate cursor control and quicker response. Select "spring-centering" or "free-floating" operation. 26-3012 29.95

Deluxe Color Mouse
49.95

Simply "roll" across tabletop to position the cursor. Two buttons for Tandy 1000-compatible software. 26-3125 49.95

Joysticks
19.95 Pair

Our lowest priced joystick. Now two players can experience the fun. Fast 360° movement! Single-shot button. 26-3008 Pair/19.95

Multi-Pak Interface
99.95

Low As $15 Per Month*
Connects up to four Program Pak™ cartridges or disk drive and other accessories to your Color Computer at once! 26-3124 99.95

DC Modem Program Pak
89.95

RS-232 Interface and 300-bps Modem
Transfer/receive ASCII files or access information services by phone. 26-2228 89.95

High-Res Joystick Interface
9.95

Plugs into the cassette and one joystick port to allow standard or deluxe joystick to address higher-resolution modes on the Color Computer 2 or 3. up to 640 x 640. 26-3028 9.95

Hard Disk Interface
129.95

Low As $15 Per Month*
Utilize Primary Drives
Requires 64K, Multi-Pak Interface, floppy disk with controller and OS-9 (2.0 or later). 26-3145 129.95

Stock Up Now on Cassette Tapes

Certified Free of Drop Outs and Defects

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There's a Radio Shack Near You—Wherever You Are
OS-9 Unleashes the Full Potential of Your Color Computer

New! King's Quest III. Battle the evil wizard Manannan of Llewdor! Discover the wizard's secret spells, and use his magic to free yourself from his thrall. Then embark on a dangerous voyage to another land, scale snowy peaks and free a kingdom from the ravages of a terrible monster. A breakthrough in animated adventures! (Available 9/30/87.)

26-3285 ............................................. 39.95

New! Sub Battle Simulator. Direct one of six WWII U.S. Navy Subs or German Kriegsmarine U-Boats in the most detailed, realistic all-encompassing war simulation ever created. It's a challenge of unbelievable depth—but can you handle the pressure? Requires joysticks. (Available 10/15/87.)

26-3272 ............................................. 29.95

New! Home Publisher. Turn your computer into a personal print shop, with professional-looking results every time. With just a few keystrokes, you can enliven and enhance all kinds of printed pieces—everything from memos and cards to flyers, bulletins and banners. Your communications will become more personal and more memorable.

26-3273 ............................................. 39.95

New! The Color Computer Artist. Select 2,4 or 16 colors from a palette of 64 colors and create sophisticated drawings. A user-friendly picture editor for the Color Computer 3. Select paint, spray, draw, stamp and other features from menu icons.

26-3265 ............................................. 39.95

New! Donald Duck's Playground. Whether working at the produce stand, stocking toy-shelves or sorting cargo, you're sure to learn a lot from Donald Duck and his Disney friends! Learn to recognize and match shapes, colors and letters. Requires 64K and joysticks.

26-3244 ............................................. 39.95

Mickey's Space Adventure. You, Mickey and Pluto can help put back together the shattered "memory crystal" of a far-off planet. Requires 64K.

26-3247 ............................................. 39.95

D.L. LOGO. Programming language based on LOGO developed by M.I.T. Includes "MUSIC" to play songs with up to four voices, "SAY" for support of Speak/Sound cartridge, and joystick support.

26-3033 ............................................. 99.95

Phathomograph. Turn numerical data into easy-to-understand graphs and charts. Lets you print several graphs—plus text—on a single sheet. Graph data from database or user input.

26-3267 ............................................. 39.95

TSEDIT. A high-resolution screen editor that allows upper and lower case in lines from 32-80 columns.

26-3264 ............................................. 39.95

TSWORD. A format program that forms a powerful OS-9 word-processing package when combined with TSEDIT. Illustrated menus. Requires 64K disk system.

26-3268 ............................................. 39.95

TSSPELL. A spelling checker/corrector designed to run in conjunction with TSWORD.

26-3265 ............................................. 39.95

New! OS-9 Level Two Development System. Complete editor/assembler with full-screen editing and specially input/output drivers for the Color Computer 3. Requires OS-9 Level Two. 26-3032 ............................................. 99.95

New! Multi-Vue. A user-friendly graphics interface for OS-9 Level Two programs. "Window" and access multiple applications on your Color Computer 3 in a manner similar to the operations of our popular DeskMate® software. You'll be able to run and use separate programs simultaneously, saving both time and trouble. Insert programs like Dynacalc, TSWORD, TSEDIT, TSSPELL, OS-9 Screen Print and OS-9 Profile (below) to create your own integrated applications package. Multi-Vue even includes two handy built-in applications of its own: calculator and scrappad. 26-3035 ............................................. 49.95

OS-9 Screen Print. Print high-resolution Color Computer graphics. Requires dot-matrix printer with bit-image mode for B&W. Requires OS-9 DOS. 26-3221 ............................................. 14.95

Make the Most of Your Color Computer With Disk Software

New! Where is Carmen Sandiego? Carmen Sandiego and her gang have stolen the Statue of Liberty's torch! Pursue the diabolical thieves in an international chase through the great cities of the world.

26-3243 ............................................. 34.95

New! Flight Simulator II. Do you have the "right stuff"? Put yourself in the pilot's seat of a Piper Cherokee and head for the skies! High-speed color 3D graphics provide a spectacular panoramic view. Fly to over 80 airports in New York, Chicago, Seattle and Los Angeles. Or, test your skills in the "World War I Ace" aerial battle game! Requires joysticks.

26-3242 ............................................. 34.95

New! Microscopic Mission. Pilot a microscopic probe through a human body from the leg to the brain—without destroying the probe or the patient—and cure the malady that endangers the patient's life. As a Microscopic Surgeon (MSS), you'll have access to the latest in microsurgical technology! (Available 9/30/87.)

26-3271 ............................................. 29.95

New! Koronis Rift. Take part in a daring raid to claim the exotic technologies of a magnificent ancient civilization!

26-3298 ............................................. 29.95

New! Rescue on Fractalus. As a member of the elite Rescue Squadron, your mission is to rescue downed pilots. An exciting adventure.

26-3299 ............................................. 29.95

New! Cave Walker. Do you have what it takes to find the fabulous treasure of the ancients? Watch out for steam vents, fireballs, bullets and the Great White Bat! Requires joysticks.

26-3246 ............................................. 24.95

Flight Simulator I. Learn the basics in instrument recognition, manual control and more. Exciting graphics and realistic action add up to high-flying fun. Requires 64K.

26-3108 ............................................. 24.95

Robot Odyssey. A highly sophisticated program to help develop skills in logical problem solving while the concepts of electronic circuitry, circuit design and logic are explored.

26-3284 ............................................. 34.95

Zone Runner. You're an interstellar trade merchant and crackjack space pilot. Your mission: to transport goods between outposts across the galaxy. Be careful, and keep an eye out for patrols, pirates, escorts and mines!

26-3286 ............................................. 29.95

The Interbank Incident. A role-playing graphic adventure. Players become secret agents trying to find thieves, their hideout and the code book to regain control of a lost satellite!

26-3296 ............................................. 29.95

Rescue on Fractalus and Koronis Rift/TM Lucasfilm Ltd King's Quest III/TM Sierra On-Line Where in the World is Carmen Sandiego?/TM Broderbund Microscopic Mission/TM Activision

Get More Power With OS-9™

OS-9 Disk Operating System. A real-time operating system that accesses the entire memory of the 64K Extended BASIC Color Computer. OS-9 includes a powerful editor/assembler, plus functions for disk and terminal input/output, software memory management and multitasking. 26-3030 ............................................. 69.95

OS-9 Level Two Disk Operating System. A multitasking real-time operating system similar to OS-9, but with enhancements to support 512K RAM and dual speed on the Color Computer 3. Requires standard input/output drivers and BASIC-9. 26-3031 ............................................. 79.95

New! OS-9 Level Two Development System. Complete editor/assembler with full-screen editing and specially input/output drivers for the Color Computer 3. Requires OS-9 Level Two. 26-3032 ............................................. 99.95


OS-9 Component Library is distributed with OS-9 and OS-9 Level Two.

OS-9 Lease Agreement. A two-year lease for the Color Computer 3. 20-1010 ............................................. 49.95

OS-9 Component Library is distributed with OS-9 and OS-9 Level Two.
**Fun-Filled Games for the Whole Family**

**Downland.** Become a spelunker! Alone in a secret cave, you jump and climb from chamber to chamber, collecting keys, gold and diamonds. Each chamber is different—so beware! Requires joysticks.

26-3046 ................................................ 19.95

**Dungeons of Daggorath.** You’re pitted against an assembly of awesome beasts and cruel monsters. Every hard-fought victory brings you closer to your ultimate opponent—the evil wizard!

26-3093 ................................................ 29.95

**Color Baseball.** Now you can play America’s great old sport! The exciting Color Computer game plays like the real game. You control pitching, running and defense—all in spectacular graphics. Make big-league decisions in this one. Requires joysticks.

26-3095 ................................................ 19.95

**More New Games to Choose From**

**New! Thexder.** For Color Computer 3. Wear the hyper-duel armor and intrude into the huge underground fortress of the planet “Nediam.” Battle enemy robots with state-of-the-art weaponry. Joysticks recommended. (Available 10/15/87) 26-3072 ............... 24.95

**New! Shanghai.** For Color Computer 3. Smoke hangs thick in the steamy alley backroom in Shanghai. Tension grips as fortunes ride on the clicking tiles of a game—Mah Jongg—the 3,000-year-old obsession of sailors, warriors, scoundrels and kings. Joysticks recommended. 26-3084 ............... 24.95


**Personal Applications Programs**

**Personal Finance II.** An easy-to-use household budget program. Personal Finance II lets you keep track of up to 9 bank accounts and 26 budget categories. Balance your checkbook and maintain accurate records of your expenditures in each budget category. You can review your expenditures on a monthly or yearly basis.

26-3106 ................................................ 29.95

**Spectacular.** Do your planning, forecasting and problem solving with this electronic spreadsheet. Just enter numbers and formulas, and Spectacular will calculate and display the results on command, saving you time and effort. Up to 99 rows and columns.

26-3104 ................................................ 29.95

**Color File II.** With Color File II you can easily and quickly store, retrieve and use various types of important data, such as addresses, warranties and personal records. You can easily alphabetize, select, examine, print, change and save your information, then store it with an optional cassette recorder.

26-3110 ................................................ 24.95

Software above comes on instant-loading ROM cartridges unless otherwise indicated. Thexder licensed from Game Arts. Shanghai/TM Activision. 165
AFFORDABLE TANDY PORTABLE COMPUTERS

Tandy 200 Portable Computer

799.00

Low As $40 Per Month

- Six Built-in Programs, Plus Alarm and Calculator
- Highly Legible Display

Tandy 200. A powerful problem solver running on batteries or AC (adapter not included). For complex spreadsheet analysis and calculations, you'll find the large, 40 x 16 flip-up display and the built-in Multiplan software are indispensable. Five other "instant-on" programs include a more powerful version of the Tandy 102's word processing program. You also can use your Tandy 200 as an electronic appointment calendar with alarm, address/phone directory and telephone auto-dialer. The Tandy 200 can even generate tone dialing signals for use with long-distance services. And you can write your own programs using the built-in BASIC.

SPECIFICATIONS:
- Microprocessor: 8-bit 80C85 CMOS
- Clock Speed: 2.4 MHz
- Memory: 72K ROM, expandable to 104K
- Keyboard: Full-sized 56-key typewriter-style with embedded data pad, plus 8 programmable function keys
- Display: 40 x 16 liquid crystal display, upper and lower case ASCII characters, 240 x 128 dot-matrix graphics
- Modem: Built-in 300 baud direct-connect modem with auto-dialer
- FCC registered
- Input/Output: Parallel printer interlace, RS-232C serial communications interface, cassette tape interface, standard bar-code reader interlace
- Dimensions: 24" x 113/4 x 8'/s
- Weight: 4.5 lbs.
- Power Supply: Up to 16 hours on 4 "AA" alkaline batteries, and can use nickel-cadmium rechargeable batteries with minor additional-cost modification. Optional UL listed AC/DC charger/adapter available. Internal rechargeable nickel-cadmium batteries will retain memory for up to 15 days with power off.

Lightweight Tandy 102 Portable

499.00

Low As $25 Per Month

- Five Built-in Programs
- Full-Size Keyboard
- 40 x 8 LCD Display

Tandy 102. The slim, lightweight Tandy 102 is a Micro Executive Workstation that's ideal for business people and students. Plus, the Tandy 102 features five instant-on programs, a 40 x 8 display and a modem—all built in. Use the Tandy 102 as a personal word processor, address/phone directory, appointment calendar and telephone auto-dialer. Access other computers or national information services by phone with the built-in modem and communications program. You can even write your own programs in BASIC. Includes parallel, RS-232C, cassette and bar code reader interfaces. Only 3 lbs.

SPECIFICATIONS:
- Microprocessor: 8-bit 80C85 CMOS
- Clock Speed: 2.4 MHz
- Memory: 32K ROM, expandable to 64K
- Keyboard: Full-size 56-key typewriter-style with embedded data pad, plus 8 programmable function keys
- Display: 40 x 8 Liquid Crystal Display, upper and lower case ASCII characters, 240 x 64 dot-matrix graphics
- Modem: Built-in FCC-registered direct-connect modem with auto-dialer, 300 baud
- Input/Output: Parallel printer interface, RS-232C serial communications interface, cassette tape interface, standard bar-code reader interface
- Dimensions: 9'/2 x 11'/2 x 8'/s
- Weight: 3 lbs.
- Power Supply: Up to 20 hours on 4 "AA" alkaline batteries or optional UL listed AC power supply. Internal rechargeable nickel-cadmium batteries will maintain memory intact for up to 30 days with power off.

Accessories Turn Your Portable Into a Complete System

(1) Disk/Video Interface. 184K disk drive stores files on 5¼" diskettes. Get 40 x 25 display using a TV or 80 x 25 using a monitor. Cables included. Model 100/102 requires 16K. (Computer, monitor and second disk drive shown not included). UL listed. 26-3806

26-3806

(2) NEW! Portable Disk Drive 2. 200K of data on 3½" floppies. Weighs 1½ lbs. Requires four "AA" batteries or AC Adapter (not included). 26-3814

26-3814

(3) NEW! Acoustic Coupler 2. Ideal for use when direct phone connection isn't possible. Accepts round or square handsets. 26-3818

26-3818

(4) Bar Code Wand. Use for billing, couponing and retail-item control. (Computer shown not included.) 26-11839

99.95

Tandy 102/200 Carry Case. 26-3811

39.95

Portable Disk Drive Carry Case. 26-3815

24.95

Printer Cable. 26-1409

14.95

Direct-Connect Modem Cable. One free hour on CompuServe and Dow Jones News/Retrieval. 26-1410

19.95

AC Adapter. UL listed 26-3804

5.95

100/102/200/600 Legs. 26-3812

3.99

Tandy 102 8K RAM Upgrade. Installation recommended. 26-3817

14.95

Tandy 200 24K RAM Upgrade. Installation recommended. 26-3866

199.95

Available But May Not Be Stocked in All Participating Radio Shack Stores and Dealers.
Low-Cost PC-8 Pocket Computer

- Computing Power That Fits In a Shirt Pocket
  - BASIC, Statistical, Scientific Commands
  - 2K RAM
  - 16-Character Display

PC-8 Pocket Computer. Big features in a little computer! Use the built-in scientific functions, or write your own programs in the easy-to-use BASIC programming language. The PC-8’s 53-key keyboard features alphabetic and numeric characters, special symbols, special functions, and user-defined keys to make programming easier. Includes trigonometric, logarithmic, exponential functions and more. 5 1/2 x 3 3/4 x 2 1/4". Includes batteries. 26-3655

Cassette Interface/Printer

- 119.95 Low As $15 Per Month
- Shown with PC-8 (not included)
- Prints Up To 24 Characters Per Second

PC-8/PC-3 Cassette Interface/Printer. Use a cassette recorder (sold separately) to load software and store programs and data. 1 1/4 x 3 3/4 x 3 3/4". Includes UL listed AC adapter/charger, paper and cable. 26-3591

PC-8 Travel Case. 26-3608

PC-7 Pocket Scientific Computer

- Performs Up To 72 Scientific And 17 Statistical Calculations
- With 2K RAM Built In
- Ideal for Engineers and Students

PC-7 Pocket Scientific Computer. Keep track of important data and calculations anywhere you go with the PC-7. This incredible compact unit performs up to 72 scientific and 17 statistical calculations, making it perfect for engineers and others who need exact mathematical data rapidly. The PC-7 features 35 BASIC commands so you can write your own special programs. Mathematical functions include: trigonometric, logarithmic/exponential, absolute value, permutations and many others. 12-character display. 5 1/2 x 3 3/4 x 2 1/4". Includes batteries. 26-3673

Advanced PC-6 Pocket Computer

- 119.95 Low As $15 Per Month
- Programs in BASIC and Assembly Language
- Easy-to-Read 24-Character Display
- 65 Built-In Scientific Functions

PC-6 Scientific Pocket Computer. The PC-6 combines the best features of a powerful scientific calculator and a programmable pocket computer. Perform scientific calculations, or write your own programs in BASIC or Assembly Language. Retains programs and data even when power is turned off. Uses PC-4 Cassette Interface and Printer with PC 5/6 Cable (all sold separately). 8K RAM (expandable to 16K). Folds up to 3 1/4 x 11 3/4 x 5 3/4". Includes batteries. 26-3672

Expand Your Tandy 102/200 Portable With Applications

NEW! Bar Code Generator. 2 Takes input from TEXT files and produces bar codes. Requires 24K, a cassette recorder, printer and cable. 26-3680

NEW! Bar Code Reader. 2 Allows bar code wand to read Interleaved Two of Five, Codabar and UPC-E bar codes. Requires 16K, cassette recorder and bar code wand. 26-3896

NEW! Tandy Code Read/Write. 2 Generates and reads modified NATI code. Requires 24K, cassette recorder, printer, cable and bar code wand. 26-3897

SCRIPSIT*. 1 Provides far more word processing power and features than TEXT. Features advanced formatting capabilities. 26-3830

Interactive Solutions. 1 This ROM module provides the user with three integrated programs: Data Manager, Data Calc and Word Processor. 26-3844

Multiplan. 1 A ROM version of the popular Multiplan spreadsheet analysis program. 26-3829

Text Power 200. 2 Provides far more word processing power and features than the TEXT function. Includes advanced formatting capabilities and print features. 26-3881

Multi Solutions. 2 Fits in the ROM socket of the Tandy 200. Features a word processor, a time manager, a data manager and a mail merge function. 26-3894

Data Manager. 2 A personal filing system which can easily store, examine and list a wide variety of information. Each record can have up to 20 fields. Reports can be formatted to list all or selected records. 26-3886

Romulus Chess. 2 Choose from seven playing levels. Reset the board at any stage or take back a move. 26-3890

Assembler/Debugger. 1 Debug, write and assemble machine language code. 26-3823

Remote Disk. 1 An easy-to-use file storage program. 26-3839

Data Manager. 2 A personal filing system which can easily store, examine and list a wide variety of information. Each record can have up to 20 fields. Reports can be formatted to list all or selected records. 26-3886

Romulus Chess. 2 Choose from seven playing levels. Reset the board at any stage or take back a move. 26-3890

Assembler/Debugger. 1 Debug, write and assemble machine language code. 26-3823

Remote Disk. 1 An easy-to-use file storage program. 26-3839
QUALITY COMPUTER SUPPLIES/ACCESSORIES

Unformatted, Soft Sectored, Certified Error Free

Certified 3½", 5½" and 8" Diskettes

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Most At NEW LOW PRICES

Diskette Library Boxes

Low As $2.95

Convenient Diskette Storage

3½", Holds 5. 26-1380 . . . . 2.95
5¼", Holds 10. 26-1452 . . . . 4.95
5¼", Holds 5. 26-1348 . . . . 2.95
8", Holds 10. 26-4952 . . . . 5.95

Diskette Boxes

Low As $12.95

Dust-Free Protection

3½", Holds 30. 26-1381 . . . . 12.95
5¼", Holds 50. 26-1362 . . . . 14.95
8", Holds 50. 26-4953 . . . . 24.95

Dust Covers

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Handy Binders

(1) $7.95

(2) $2.99

(1) 5½" Envelopes for 3-Ring Binder. An excellent system that is ideal for easy organization and filing.
(2) 14½" x 11" Printout Binder. For future reference and storage of important printouts.

Printer Roll Paper

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<th>Printers</th>
<th>Cat. No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGP 115</td>
<td>26-1428</td>
<td>3.95</td>
</tr>
<tr>
<td>CGP 220 (roll)</td>
<td>26-1333</td>
<td>Pk of 9.95</td>
</tr>
<tr>
<td>CGP 220 (sheets)</td>
<td>26-1341</td>
<td>250/6.95</td>
</tr>
<tr>
<td>TP 10</td>
<td>26-1332</td>
<td>2.95</td>
</tr>
<tr>
<td>PT 210/FRP 100</td>
<td>76-1003</td>
<td>6/2.95</td>
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<tr>
<td>PC 1</td>
<td>26-3506</td>
<td>6/1.75</td>
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<tr>
<td>PC 2</td>
<td>26-3506</td>
<td>6/2.49</td>
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<td>PC 3/8</td>
<td>26-3592</td>
<td>5/2.49</td>
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<tr>
<td>PC 4/5/6</td>
<td>65-711</td>
<td>5/1.99</td>
</tr>
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<td>Quick Printer</td>
<td>26-1405</td>
<td>3/24.95</td>
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<tr>
<td>Quick Printer II</td>
<td>26-1412</td>
<td>2/19.95</td>
</tr>
<tr>
<td>LP 1/IV/IV/II/200</td>
<td>26-1412</td>
<td>2/19.95</td>
</tr>
<tr>
<td>Plotter/Printer</td>
<td>26-1407</td>
<td>4.95</td>
</tr>
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</table>

Fanfold Computer Printer Paper

9½" x 11" "invisible" perforated margins.

<table>
<thead>
<tr>
<th>Size</th>
<th>Design</th>
<th>Sheets</th>
<th>Cat. No.</th>
<th>Price</th>
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<tr>
<td>14½&quot; x 11&quot;</td>
<td>Greenbar</td>
<td>500</td>
<td>26-1300</td>
<td>11.95</td>
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<td></td>
<td>Greenbar</td>
<td>1500</td>
<td>72-300</td>
<td>9.95</td>
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<td></td>
<td>Greenbar</td>
<td>3500</td>
<td>26-1417</td>
<td>69.95</td>
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<td></td>
<td>White</td>
<td>1500</td>
<td>72-303</td>
<td>39.95</td>
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<td></td>
<td>White</td>
<td>1500</td>
<td>72-304</td>
<td>39.95</td>
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<td></td>
<td>White</td>
<td>1500</td>
<td>26-1403</td>
<td>54.95</td>
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<td>White</td>
<td>1500</td>
<td>26-1423</td>
<td>8.95</td>
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<td>9½&quot; x 11&quot;</td>
<td>Greenbar</td>
<td>500</td>
<td>26-1387</td>
<td>12.95</td>
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<td></td>
<td>White</td>
<td>1250</td>
<td>26-1427</td>
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<td>White</td>
<td>2500</td>
<td>72-311</td>
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<td>White</td>
<td>750</td>
<td>72-305</td>
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<tr>
<td>9½&quot; x 11&quot;</td>
<td>Red/Blue/Gold</td>
<td>100 each</td>
<td>26-206</td>
<td>14.95</td>
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<tr>
<td>9½&quot; x 11&quot;</td>
<td>3-Color Pastel</td>
<td>100 each</td>
<td>26-207</td>
<td>14.95</td>
</tr>
</tbody>
</table>

168 Radio Shack Is Your Complete Computer Accessories Headquarters
COMPUTER FURNITURE AND ACCESSORIES

Space-Saving Stands

- Computer Stand
  - Easy to Assemble
  - Computer Stand. Monitor platform and storage shelf. 26 x 32 x 19 3/4". 26-1354. $49.95.
  - Computer Stand. Bottom-feed paper slot and storage shelf. Adjustable glides. 26 x 26 7/8 x 19 3/4". 26-1355. $49.95.

- Printer Stand
  - Easy to Assemble
  - Printer Stand. Bottom-feed paper slot and storage shelf. Adjustable glides. 26 x 26 7/8 x 19 3/4". 26-1355. $49.95.

Printer Supports

- Fanfold Paper Fits Right Underneath
  - Elevates printer so fanfold paper can easily be placed underneath. Use with any 80-column printer. Easy to assemble. 26-1367. $16.95.

- Fits Tandy and Other PCs
  - Saves desk space! Durable steel construction and non-skid rubber feet. Easy to assemble. 26-201. $29.95.

Universal Monitor Pedestal


Computer Stand

- 29.95
- Fits Tandy and Other PCs

Anti-Glare Screen

- Increases Contrast
  - Elevates printer so fanfold paper can easily be placed underneath. Use with any 80-column printer. Easy to assemble. 26-1367. $16.95.

Disk Drive Clean Kit


- Low As 7.95
- 3 1/2". Single-Sided Only. 26-419. $9.95.
- 3 1/2". Double-Sided Only. 26-420. $9.95.
- 5 1/4". Single or Double-Sided. 26-408. $7.95.
- 8". Single or Double-Sided. 26-4957. $8.95.

Power Protector Switch and Power Supply

- Swivels for Monitor Viewing
  - Power Switching System. Six outlets. Filters transients/line noise. UL listed AC. 26-203. $79.95.

- Also Provides Spike Protection
  - Standby Power System. Provides up to 7 minutes of full power operation (250 watts). UL listed AC. 26-250. $349.95.

Handy Tools

- Printview Ruler. 26-1313. $3.50
- Anti-Static Spray. 16 oz. 26-515. $5.95

Disk Drive Analyzer

- 29.95
- Check the integrity of your disk drives for yourself—without having to call in a technician. Analyzes drive-head alignment, rotational speed, index timing, clamping ability and write/read accuracy. For Tandy 1000/1200/1000 EX/SX/HX/TX. 26-1370. $29.95.
- NEW! For Tandy 3000/3000 HLU/4000. 26-217. $29.95.

Deluxe Power Center

- 69.95
- Protects Computer Against Power Surges and Line Noise
  - Automatically turns on accessories when CPU is switched on. Common and differential mode transient protection and filtration. 15-amp rated. 6-ft. power cord. UL listed AC. 26-1396. $69.95.

- Twin Outlets
- With MOV Status Lamp

Power Protector

- 18.95
RADIO SHACK HAS PRINTERS FOR EVERY NEED

Our Best! Deluxe Laser Printer

$2199.00
Commercial Lease Available
For Only $80 Per Month
(Plus Applicable Use/Sales Tax)

- Complete—No Special Controller Board Required
- 1.5 MB Memory for 300 x 300 Dots-Per-Inch Quality

LP 1000. Excellent for desktop publishing—laser-sharp clarity rivals professional typeset quality! Features portrait and landscape modes, 10/12/16.7 characters-per-inch text and 300 x 300 dpi on a full page measuring 8½ x 11". Quietly prints up to six pages per minute. Optional downloadable custom fonts available. Convenient front-panel selection of program, fonts and type styles—no cartridges to misplace. Tandy®, IBM® and HP LaserJet Plus® compatible. UL listed AC. Includes Kit A (26-2805) and toner (26-2807). Centronics parallel interface. 26-2804

Kit A. Drum/cleaner/maintenance kit. 26-2805 $199.95
Kit B. Cleaner/maintenance kit. 26-2806 $99.95
Toner. 26-2807 $24.95

Dot-Matrix Power for Business

$1599.00
Commercial Lease Available
For Only $60 Per Month
(Plus Applicable Use/Sales Tax)

- IBM PC Compatible
- Prints Up to 240 Characters Per Second

DMP 2120. Use the Font Editing Packages (sold separately) to load different type styles for print quality that rivals a daisy wheel printer! Includes data-processing, word-processing and graphics modes. Front-panel selection of fonts, character sets and type style. Prints up to 240 characters per second. Original plus two copies. Includes built-in "push-type" tractor so single form or individual fanfold sheets can be detached without waste. Precision 24-wire print head. Optional four-color ribbon available. Parallel interface. UL listed AC. 26-2811


Our Lowest-Priced Daisy-Wheel

$459.95
Low As $25 Per Month
- IBM PC Compatible
- Prints 200 wpm

DWP 230. Enjoy full-featured, letter-perfect printing. Select 10 or 12 characters per inch or proportional pitch. Uses interchangeable 96-character print wheels. Prints at 20 cps (200 wpm). Includes Courier 10 print wheel and carbon ribbon. Parallel and Color Computer-compatible serial interfaces. UL listed AC. 26-2812 $459.95

Bi-Directional Tractor for DWP 230. 26-2813 $99.95

Our Best Daisy-Wheel Printer

$995.00
Low As $50 Per Month
- IBM PC Compatible
- Prints 500 wpm

DWP 520. Provides that clean, crisp “electric typewriter” look. Print fixed 10 or 12 characters per inch or choose proportional spacing (using appropriate optional 96-character print wheels). Prints up to 43 cps. Forward and reverse paper feed and ½ line feed, backspace and underline. Supports boldface, strike-through, double-underline, super and subscripts. Parallel interface only. Includes Courier 10 print wheel and carbon ribbon. UL listed AC. 26-2800 $955.00

Bi-Directional Tractor for DWP 520. 26-2601 $149.95
MORE PRINTERS AND ACCESSORIES

300-Character-Per-Second Printer

NEW FOR 88 699.00 Low As $35 Per Month

- IBM® PC Compatible - Prints on 132 Columns


SPECIFICATIONS. Print Density: 10, 12 and 16.7 cpi, plus elongated, elite and condensed. Character Set: 96 ASCII, 64 special, and 30 block graphics characters. Horizontal Dot Resolution: 816-3264 dots per line. Vertical Spacing: 12, 6, 8 lines per inch. Line Feed: '/6, '/12, '/25". Dimensions: 3/16 x 153/8 x 97/16". Weight: 83 lbs. Power: 120VAC. 60 Hz.

Budget-Priced High Performer

NEW FOR 88 219.95 Low As $15 Per Month

- IBM PC Compatible - Bit-image Graphics - Prints 80 cps

DMP 106. Ideal for data processing and general-purpose use. Bi-directional—prints 80 upper and lowercase letters per line (8 x 9 matrix) at 43 lines per minute (at 10 characters per inch). Elongated and condensed modes. Removable adjustable tractor. Parallel and Color Computer-compatible serial interfaces. UL listed AC. 26-2802

Replacement Printer Ribbons

<table>
<thead>
<tr>
<th>Printer</th>
<th>Ribbon</th>
<th>Catalog No.</th>
<th>1-11</th>
<th>12-Up</th>
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<tbody>
<tr>
<td>DMP 130, 130A</td>
<td>Cartridge</td>
<td>26-1236</td>
<td>10.95</td>
<td>8.20</td>
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<tr>
<td>DMP 130, 130A</td>
<td>Refill (3/Pk.)</td>
<td>26-1238</td>
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<td>DMP 105, 106</td>
<td>Fabric Cart.</td>
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<td>DMP 430</td>
<td>Fabric Cart.</td>
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<tr>
<td>DMP 210, 230, 520</td>
<td>Multi-Strike (3/Pk.)</td>
<td>26-1445</td>
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<td>DMP 210, 230, 520</td>
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<td>DMP 2120</td>
<td>Fabric Cart.</td>
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<td>DMP 2120</td>
<td>Fabric, Blk.</td>
<td>26-2835</td>
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<td>DMP 2120</td>
<td>Refill, Blk.</td>
<td>26-2836</td>
<td>17.95</td>
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<tr>
<td>DMP 2120</td>
<td>Refill, Colors</td>
<td>26-2837</td>
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<td>DMP 120, 200, 430, 500</td>
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<td>DMP 440</td>
<td>Fabric Cart.</td>
<td>26-2809</td>
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Additional ribbons are available for other Tandy/Radio Shack printers—see the RSC-19 Printer Catalog for a complete listing.

Additional Daisy Print Wheels Are Available

Print wheels (whether a replacement or a different type/style) are available by special order through our exclusive Consumer Mail service for all Tandy and Radio Shack daisy-wheel printers. If not in stock at the Radio Shack Computer Center or participating Radio Shack store or dealer near you, the item will be shipped to your local store for you to pick up in a few days. No extra charge for this service.

Available But May Not Be Stocked at All Participating Radio Shack Stores and Dealers.
TANDY COMPUTERS MEAN BUSINESS

Automate With the Multiuser Tandy 6000

3499.00

- Built-In 15-Meg Hard Disk
- 512,000 Characters of Internal Memory—Expandable to 1 MB
- Four Slots for Easy Expansion

Only $125 Per Month On Our Commercial Lease
(Plus Applicable Use/Sales Tax)

512K Tandy 6000 HD With Built-In 1-Megabyte Hard Disk. Ideally suited for today's offices, the Tandy 6000 uses the XENIX® multiuser operating system (sold separately) allowing simultaneous job handling in accounting, spreadsheet analysis, database management and more. By adding low-cost display terminals, up to three people (expandable to six) can perform different tasks at the same time. The Tandy 6000 handles complex tasks with ease. The advanced 16/32 bit technology lets the Tandy 6000 utilize much more memory and process data at a much higher speed than a conventional 8-bit micro. Includes 12" green monitor, detachable keyboard and 8 function keys. UL listed AC. 26-6022

New Low Price! DT-100 Data Terminal. Was $795.00 in RSC-176.

Model 4D Computer With DeskMate®

- Two Built-In Double-Sided Disk Drives for 736,000 Characters of Internal Storage
- Includes DeskMate® 6-in-1 Multifunction Software to Get You Started Right Away

1199.00

Low As $60 Per Month*

64K Model 4D with DeskMate. The perfect desktop computer for busy managers, professionals, educators and home users. The Model 4D comes with DeskMate software featuring six programs on one diskette: Text, Filer, Spreadsheet, Telecom, Mail and Calendar. A Model 4D runs most TRSDOS® and LDOS® software designed for the Model 4 and 4P, as well as for Model III (in the Model III mode). A built-in RS-232C serial interface lets you communicate with other computers and give you access to national information banks (requires modem). The Model 4D is easy to expand—add more memory, one or two floppy drives and a hard disk. UL listed AC. 26-1070

Connect MS-DOS®-based computers in your office with a Tandy Workgroup Solution and watch productivity improve as people work together in a group—a workgroup.

3Com® Workgroups

Versatile ViaNet™ Workgroups

A typical ViaNet configuration lets you link various MS-DOS computers and peripherals in a peer-to-peer relationship. You'll be able to share information—and hardware. Pull the latest sales figures from one computer and print a report on your printer or the letter-quality printer at another computer. ViaNet does not require a dedicated file server—any one of your hard-disk based MS-DOS computers can be used as a file server and for other tasks. That makes Tandy's ViaNet the most cost effective small network available today. Boards include software and user's guide. Installation is required (not included). ViaNet requires 128K more RAM than is required for applications and MS-DOS.

New Low Price! Tandy 1000/3000/4000 ViaNet System. Was $499.95 in RSC-17B. 26-1221

399.95

Passive Hub. Connects four computers to each other up to 200 feet apart. Two passive hubs cannot be connected in series. 26-6504

69.95

Coaxial Cable. RG62 with BNC connectors on each end. 26-6510

15.95

People and PCs Working Together: Tandy Workgroup Solutions

Now you can use your PC to share information with your colleagues, update files in a common database and route messages and other mail—electronically. A Tandy 4000 computer with a hard disk acts as the file server, providing the information for all of the computers in the workgroup. 3Com will support multiple MS-DOS machines, so the Tandy 1000 SX, 3000 HL, 3000 and IBM®-compatible PCs can be used as workstations.

Let one of our representatives arrange a no-cost, no-obligation meeting with you to explain how you can benefit from a Radio Shack/3Com Workgroup. Learn how 3Com's competitive edge with workgroup solutions, the complete line of Tandy computer products and Radio Shack's superior support and service will work together for your business.

New Low Price! Etherlink Network Interface Board. Was $595.00 in RSC-17B. 26-5501

3+ Share. Network system software for up to 5 users. 26-5510

1045.00

3+ Mail. Electronic mail and messaging software. 26-5511

495.00

*DeskMate communications require modem, sold separately. XENIX and MS-DOS/Registered TM Microsoft Corp. 3ComReg. TM 3Com Corp. ViaNet/TM VIANETIX. IBM/Registered TM International Business Machines Corp. LDOS/TM Logical Systems, Inc.
### Value-Priced Direct-Connect Modem

**59.95**

Affordable Communications

Ideal for Use in the Home

Direct-Connect Modem DCM-6. Our lowest-priced direct-connect modem! Plugs directly into modular phone outlet. Works with either DB25 or 8-pin connector (for the Acoustic Coupler 2, below). Includes modular phone cable. Operates at 300 bps, with full duplex and originate/answer modes. Bell 103 compatible. FCC registered. UL listed AC.

26-1393

### Auto Dial/Answer Intelligent Modem

**99.95**

Low As $15 Per Month*

Switchable Between Tandy and Hayes® Command Sets

Intelligent Modem DCM-7. An easy-to-use modem featuring full duplex, originate/answer and 300 bps. Includes modular phone cable. Bell 103 compatible. FCC registered. UL listed AC.

26-1394

### Acoustic Coupler For Portable Computers

**49.95**

Telephone handset not included.

Acoustic Coupler 2. Ideal for use when direct connection isn’t possible. Accommodates round or square handsets. 8-pin plug for portable computers or the DCM-6 Modem (above). Full or half-duplex.

26-3818

### RS-232C Selector Switch

**149.95**

Low As $15 Per Month*

Eliminate the Bother Of Reconnecting Multiple RS-232C Devices

SW-303. Connect three RS-232C devices to your computer. Two switched ports for modems, digitizers, plotters and more. UL listed AC power module. Cables not included.

26-1499

### 2-Line Phone/Modem

**99.95**

Low As $15 Per Month*

Modemfone™ 300. Full duplex, originate/answer, 300 bps modem. Telephone features switchable Touch-Tone/Pulse dialing. Hearing aid and Bell 103 compatible. FCC registered. UL listed AC adapter.

26-1375

### Access Information by Phone With Your Computer

**CompuServe™ Information Service**

No matter what kind of personal computer you have, CompuServe Information Services will help you get the most out of it. Get "on line" with this exciting information service—and the first hour is free! CompuServe offers local, national and international news (you can read headlines before they’ve gone to press!), weather and sports from major newspapers like The New York Times and The Washington Post, plus the full newswire service of the Associated Press.

Get historical information and updates on over 32,000 stocks, bonds and securities. There’s also a home and educational reference, computer games and various Computer Bulletin Boards. Communicate with other subscribers nationwide via the "electronic mail" service.

All this available at CompuServe’s low hourly rate (additional charges for some services).

**Dow Jones News/Retrieval™**

A "direct line" to Wall Street—and the first hour is free! Dow Jones News/Retrieval gives you current market quotes (subject only to the mandatory 15-minute delay) on all stocks, bonds and options traded on the major exchanges—plus selected U.S. Treasury issues. Detailed financial statistics compiled by Media General Financial Services are available for all NYSE and AMEX traded companies. There are also "electronic editions" of The Wall Street Journal, Barron’s and the Dow Jones "Broadtape," as recent as 90 seconds and as far back as 90 days.

**Universal Sign-Up Kit.** Includes an information kit for CompuServe and Dow Jones. Requires communication software and modem.

26-2224

The Tandy 3000 HL gives you more power for less money. Only $55 per month on our commercial lease (plus applicable use/sales tax). Monitor and display adapter not included.

- Includes Protective Keylock and Chassis Lock
- 101-Key Enhanced Keyboard
- Ready to Run Tomorrow's OS/2 software

Tandy 3000 HL. The Tandy 3000 HL provides the power and expandability you need to create an efficient MS-DOS® based computer system for less. The 512K 3000 HL operates at 8MHz and has an advanced 16-bit 80286 microprocessor that gives you high performance for today's software—and even better performance later on. Why? Because the Tandy 3000 HL is capable of using the upcoming OS/2® operating system. Programs that are designed for the OS/2 will allow greater utilization of memory. As for expansion needs, the Tandy 3000 HL will grow with your business. It comes with seven expansion slots: four 8-bit/XT compatible slots and three 16-bit AT compatible data-bus slots. You'll have fast, low-cost expansion. The Tandy 3000 HL comes with a real-time clock with battery backup and a chassis and keylocking feature for security purposes.

New Enhanced Version of the Tandy 3000 has greater power. Only $75 per month on our commercial lease (plus applicable use/sales tax). Monitor and display adapter not included.

- 12 MHz Clock Speed for High Performance
- Features 640K Memory, Expandable to 16 MB
- Keylock and Chassis Lock for Security
- OS/2 Ready—Runs Next Generation Software

Tandy 3000. Now you can have the power to manage your business or create a multiuser system for your office affordably. The Tandy 3000 is compatible with software designed for the IBM Personal Computer AT™ and the PC XT™. And the 80286 microprocessor will let you run the next generation of software (designed for the soon-to-be-released OS/2 operating system). The Tandy 3000 is also designed to use the XENIX® System V/286 multiuser operating system. Multiple display terminals will be able to take advantage of the 80286's power simultaneously. Users can share the Tandy 3000's accessories, saving you money by eliminating the need for a printer or modem at each station. The Tandy 3000's 16-bit architecture operates at 12MHz, switchable to 6MHz. Features include an enhanced keyboard and high-capacity, 5½" slim-line floppy disk drive that reads 1.2 megabyte and 360K formats for use with IBM PC diskettes.
32-Bit Technology! 16 MHz Clock Speed! OS/2 Ready!

NEW FOR 88 \$2599.00

- A Price Breakthrough in 80386-Based Technology
- 16 MHz Clock Speed and 32-Bit Data Path
- Provide Minicomputer Performance in a PC
- Races Through Today's Software, Ready for the Next Generation in Software, Such as OS/2
- 3½" Disk Drive Stores 1.4 Million Characters Per Disk

Tandy 4000. Put a Tandy 4000 on your desk and unleash the raw power of the 80386 microprocessor. The 4000 is so cost effective you can actually configure a 386 system for less than you'd pay for a competitor's 286 model. The 80386 is a 32-bit microprocessor operating at a 16MHz clock speed (ordinary PCs poke along at 4.77 MHz with an 8-bit data path). The Tandy 4000 features a 1.4-megabyte 3½" disk drive, with room for two more internal drives—either 3½" or 5¼" floppy disks, hard disks or disk cartridge. There's a real-time clock, enhanced keyboard and keylock, plus a socket for an 80287 math co-

processor. One megabyte of memory is standard, and you can expand with another megabyte on the main board, plus 2 megabytes using a dedicated memory slot (bringing total memory to 4 megabytes). Using one megabit memory chips, the system can be expanded to 16 megabytes.

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
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<tbody>
<tr>
<td>2-Megabyte Memory Expansion Board, 25-5030</td>
<td>799.00</td>
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<tr>
<td>1-Megabyte Kit, 25-5031</td>
<td>429.95</td>
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</table>

Operating Systems

- MS-DOS 3.2/BASIC/DeskMate II for the Tandy 3000 HL/3000/4000. 25-4103 $99.95
- XENIX Multiuser Operating System. 25-4201 $595.00
- XENIX Development System. 25-4201 $595.00

TANDY 1400 LT PORTABLE PC COMPATIBLE

Get MS-DOS" Power in a Portable Computer

1599.00
Low As $80 Per Month

- Full-Function IBM® PC Compatible
- High-Quality Supertwist Backlit LCD Display
- 7.16 MHz Clock Speed
- Comes Complete With 768K RAM
- Features Two 3½" Built-In Disk Drives
- Removable, Rechargeable Battery Pack

Tandy 1400 LT. Introducing a PC-compatible laptop computer with standard features no one else offers. The Tandy 1400 LT is the perfect solution for people who spend most of their time travelling—like sales personnel, reporters and business people. You'll be able to finish reports and memos, organize your presentation materials—whatever your needs—at anytime or place. Or you can use it in your office and get all the advantages of a fully configured desktop computer.

The Tandy 1400 LT represents a remarkable breakthrough in portable computer technology. Its 8088-equivalent microprocessor (NEC V-20) has a 7.16 MHz clock speed (vs. 4.77 MHz for most other PC-compatible laptops). The 768K RAM is enough memory to run all of your important applications. And because the 1400 LT comes with MS-DOS®/BASIC 3.2 and is IBM PC compatible, you'll never have trouble finding sophisticated programs to increase your productivity. Another important advantage is the 1400 LT's two built-in 3½" disk drives. The 3½" drives give you twice the storage capacity for program and data files (720K each) than older 5¼" disk drives.

The remarkably clear backlit liquid-crystal display is the ultimate in clarity and readability. It features an 80-character by 25-line resolution (same as a full-sized monitor) is remarkably clear and features the latest in "supertwist" LCD technology. The keyboard features 76 typewriter-style keys and special-function keys. The 1400 LT weighs less than 14 pounds, and it even comes with a handle for easy transportation.

The 768K RAM gives you a tremendous amount of portable-computing power. With 640K addressed by MS-DOS, you'll have 128K left over for a RAM-based disk drive or print spooler. The Tandy 1400 LT also features a real-time clock and includes a parallel printer adapter, an RGB monitor output, composite monitor output, an RS-232C serial interface and a handy removable battery pack. It also supports an external PC-compatible keyboard and an internal 1200-baud modem.

The Tandy 1400 LT offers you a clear advantage in portable-computer technology. It gives you the efficiency and power of a desktop computer, while at the same time giving you the advantage of mobility. Don't settle for anything less than the best in laptop computers—the Tandy 1400 LT. (Available 10/31/87.) 25-3500

1599.00


Get the Most Out of Your Portable With These Tandy 1400 LT Accessories

1200-Baud Modem. An auto-dial/auto-answer modem that allows your Tandy 1400 LT to run the most popular communications software at higher speeds, reducing the cost of on-line time. (Available 10/31/87) 25-3510

MS-DOS/GW-BASIC Reference Guide. Complete guide to all MS-DOS and GW-BASIC commands. Covers syntax, switches and all utilities. Handy for novices and experienced users alike. 25-1508

Carrying Case. For the Tandy 1400 LT. Attractive, modern design. Makes it easy to carry your 1400 LT anywhere. 25-3511

Replacement Battery Pack. A handy item for long trips where recharging the internal battery is difficult. 25-3520

Apply for Revolving Credit Today and Increase Your Buying Power—See Page 3

IBM/Reg TM International Business Machines Corp. MS-DOS/Reg TM Microsoft Corp.
Get The Right Monitor For You

Choosing the appropriate monitor for your computer system is almost as important as choosing the computer itself. Radio Shack offers a variety of high-resolution monochrome and color monitors that help you make the right choice. Are your needs strictly text-oriented and basic, or is a colorful graphics display critical? Will you be creating presentations that require extensive detail, or are you simply storing information? Ask a sales representative which monitor is best suited to your requirements.

(1) CM-5 RGBI Color Monitor. 13" screen displays 80 x 25 text, 320 x 200 graphics. (Monitor style may vary from photo.) 25-1023/25-1043 299.95

Powerful Storage Upgrades

20-Megabyte Hard Disk Card. Get 20 megabytes of storage on a user-installable card! Mounts in a 10" card slot on the Tandy 1000 SX or a 13" slot on the Tandy 1200, Tandy 3000 HL, IBM PC or PC compatible. Operates as either first or second hard disk and can run a second hard disk drive. 25-1029 799.00

20-Megabyte External Hard Disk Drive. Expand your Tandy 1000's storage affordably (up to 20 million characters). Add two to the Tandy 1000 or one to the Tandy 1000 HD. (Cable Kit and installation required for secondary unit). 25-1041 699.00

5 1/4" 1.2 Megabyte Floppy Disk Kit. For Tandy 3000/4000. Requires floppy dual-speed controller (25-4036). Installation recommended (not included). 25-4050 299.95

5 1/4" 360K Floppy Disk Kit. For Tandy 3000/4000. Installation recommended (not included). 25-4051 199.95

New Low Price! 40-Megabyte Hard Disk Kit. For Tandy 3000/4000. Ideal for multimedia networking. Was $1799 in RSC-17B. 25-4061 1399.00

New Low Price! 20-Megabyte Hard Disk Kit. For Tandy 3000/4000. Increase storage by 20 megabytes. Installation recommended (not included). Was $799 in RSC-17B. 25-4062 599.00

New Low Price! 70-Megabyte Secondary Hard Drive. For Tandy 3000/4000. Add 70 million characters of power. Requires cable kit 25-4063 (not included). Was $3299 in RSC-17B. 25-4174 2999.00

Our Deluxe Joystick

29.95

Take Control!

You'll be able to feel the difference immediately. Get accurate cursor control and quicker response. Dual-axis trim controls adjust to your touch. 26-3012 29.95

Deluxe Color Mouse

49.95 NEW FOR 88

Works Just Like Joysticks

Adds speed, versatility and ease to games and graphics creation. Simply "roll" the mouse across the tabletop to accurately position cursor. Use it alone or with a joystick. 26-3125 49.95

Take Advantage of Radio Shack's Extended Service Plan—See Page 3

Serial Mouse

49.95 NEW FOR 88

Tandy Serial Mouse. Plugs into any 9-pin serial port. Use with Tandy 1000 TX or any PC compatible with optional serial adapter. 25-1040 (Avail. 10/31/87.) 49.95

9-Pin to 25-Pin Adapter. 26-1388 7.95

Add a Disk Drive To Your System

- Expand the Power of Your Computer With an External Drive
- Allows Your Tandy Computer to Store More Information

3 1/2" 720K External Disk Drive for 1000 EX/HX. Provides twice the storage of a 5 1/4" drive and uses smaller, more durable diskettes. Special features in the Tandy 1000 EX allow you to store programs on this disk drive and load them directly. 25-1061 279.95

5 1/4" External Disk Drive for Tandy 1000 EX/HX. Makes backing up diskettes much easier. 25-1060 249.95

5 1/4" Disk Drive Kit. Mounts internally. Installation recommended (not included). For Tandy 1000 SX/TX. 25-1063 169.95

3 1/2" Disk Drive Kit. For use with Tandy 1000 HX (installation recommended). Or use in Tandy 1000 SX/TX and PC Compatibles with 3 1/2" and 5 1/4" adapter (below). 25-1065 169.95

3 1/2" to 5 1/4" Adapter Bracket for 3 1/2" Disk Drive Kit. 25-1066 29.95

High-Resolution Video Boards

New Low Price! Dual-Display Graphics Adapter. Combines the functions of 3 boards in one. Uses VM-5 and CM-11 monitors. Displays up to 640 x 200 in 16 colors with special software. Features Hercules-compatible graphics mode. Was $249.95 in RSC-17B. 25-3045 199.95

New Low Price! Enhanced Graphics Adapter. Get 640 x 350, 16-color enhanced graphics on our EGM-1 monitor. Also compatible with the CM-1 and monochrome displays. Includes 256K video memory. Not for use in Tandy 1000 series. Was $349.95 in RSC-17B. 25-4037 299.95

Monitors, Drives and Accessories
CHOOSE THE BEST IN MS-DOS® BASED SOFTWARE

Programs to Boost Your Personal Productivity

New! The PFS:Professional Series. This popular and easy-to-use series includes a sophisticated user interface for direct access to the full range of available features in each application. Advanced data-interchange capabilities enable each product to share information with each other and with other software programs. User-defined keyboard macros record and play back keystrokes to automate program functions and improve efficiency. Local Area Network support lets you share data among computers in an office environment.

NEW! PFS:Professional Write. A complete word-processing program to quickly write, edit, proof and print business reports, proposals, memos, letters and other correspondence with professional results. User-defined keyboard macros record and playback keystrokes to automate program functions and improve efficiency. Requires 384K and two disk drives. 25-1172

NEW! PFS:Professional File. A complete management-and-reporting program to quickly organize, update, retrieve, analyze and report information with professional results. Requires 384K and two disk drives. 25-1171

NEW! Varsity SCRIPSIT™. A word-processing program with a built-in spelling verifier and corrector to help create correction-free documents. Other features include splitting the screen into two windows, creating a table of contents, footnoting and more. Requires 256K (for MS-DOS 2.11) and 384K (for MS-DOS 3.X). 25-1174

HomeWord Plus. For the Tandy 1000 Series only. Incredible easy to use—it’s a snap to print, edit, delete or move copy. With HomeWord Plus adults or children can start word processing almost immediately. Instructions on cassette tape and an easy-to-follow instruction manual take you through basic word-processing functions. Use the Speller to automatically search for misspelled and unknown words. Correct a word once, and the Speller corrects it throughout the text. Includes 45,000 words. 25-1161

HomeWord Plus Word Processing

Professional and Personal Accounting Packages

Quartet™ Accounting
199.00
Low As $15 Per Month •
Fully Integrated System

New Low Price! Quartet Integrated Accounting. Includes four popular integrated accounting functions on one disk. Easy-to-read screen formats look similar to the real invoices, check registers and payroll registers that you’re already using. After you’ve posted entries in one module, all related data is automatically updated to the General Ledger. Prints invoices, monthly statements, payroll checks and expense checks. Includes well-defined audit trail. Uniformity throughout the program makes Quartet exceptionally easy to use. Requires two disk drives or hard disk. 25-1146

Managing Your Money
Low As $15 Per Month • 199.95
Take Control of Your Finances

Managing Your Money. Andrew Tobias’ program is seven applications on one integrated disk. It’s your own personal financial-management package that serves as a reminder pad and a complete budget and checkbook program. It also helps with tax estimates and can even print out your Schedule D. It evaluates your present life insurance needs and makes suggestions for the future. Managing Your Money records and analyzes investments, tallies realized and unrealized gains, suggests optimal tax strategies and more. Create an investment plan for the future, and determine where your money is going now. 25-1159

Graphics Application Software Programs

Great Software for Special Occasions

Great Software for Special Occasions

Make Creative Greeting Cards

CardWare. A unique greeting disk. CardWare joins in your birthday celebration with a musical story that unfolds on the screen. Print out a full-page graphic and personalize it with your own message or print a graphic on the front and your own personalized message inside. 25-1310

Fun Greetings

PartyWare. A complete planning kit that will help you throw a smashing party. Start with a data base of all your friends, their addresses, birthdays and other special dates. Then select a guest list, print invitations, banners, placemats, prizes, etc. Make an animated disk to send special invitations or greetings to your friends. A complete party-design kit. 25-1311

Plan Your Parties Easily

The Print Shop. Turns your personal computer into a personal print shop, with professional-looking results. It’s incredibly easy to use because there are no complicated commands—you can start right away designing announcements, invitations, signs, advertisements, business letterheads, birthday cards—whatever your printing needs. 25-1304

Express Yourself!

Thrilling Games of Fantasy and Adventure

NEW! Thexdor. The top seller in Japan comes to conquer America. Wear the hyper-duel armor and penetrate the huge underground fortress to explore the planet Nediam. Do battle with the enemy robots with state-of-the-art weaponry, a transforming mechanism, an energy supply system, autosaic beam and the part barrier. The honor of your home planet is at stake! 25-1183

34.95

F-15 Strike Eagle. Soar in an F-15 to meet the enemy in a variety of attack scenarios based on real combat missions. F-15 Strike Eagle was designed by fighter pilots and is the closest thing you'll get to flying a jet fighter without actually doing it. Good luck and happy hunting. 25-1125 34.95

Star Flight. Explore strange new worlds and new civilizations. Boldly go where no man has gone before—then figure out how to communicate with aliens you find there. A state-of-the-art role-playing adventure set in outer space. Develop and play six characters: Captain, Science Officer, Navigator, Medical Officer, Communications Officer and Chief Engineer. 25-1137

49.95

Black Cauldron. A Walt Disney 3-D animated adventure game. Defeat the forces of the Horned King by reaching the Black Cauldron and destroying its evil powers. Travel through eerie forests, perilous water and the hallways and dungeons of the King’s castle. The further along you get, the more dangerous the journey. 25-1133

39.95

NEW! Space Quest. Experience the ultimate in 3-D space adventure as you travel to worlds beyond imagination inhabited by strange alien beings. The space lab Arcadia is under siege by the dreaded Sariens. Your life is in danger as they are out to capture the powerful Star Generator. Travel to the planet Kerona and something even worse will face you...if you’re lucky enough to make it that far! 25-1150

49.95

NEW! Where in the World is Carmen Sandiego? The metropolis of New York awakens to discover the Statue of Liberty’s torch missing. The Mayor is up in arms and is looking for someone to recover this priceless bit of American history. You’re assigned to the case and off you go on a whirlwind chase through the great cities of the world—London, Paris, Moscow. Decipher clues along the way by looking for the world in The World Almanac. Catch Carmen and her gang and you’ll be assigned to even bigger and better things. 25-1151

39.95

Software For Fun and Education

Typing Tutor III. The most effective typing instruction program ever developed. Get the most out of your computer by learning to type quickly and easily. Includes LETTER INVADERS, a new arcade-style typing game. 25-1126

49.95

NEW! Donald Duck’s Playground. Help Uncle Donald build his three nephews, Huey, Dewey and Louie, a playground. Your child will work at four different jobs to pay for the different parts of the playground. Whether working at the produce stand, stocking toy store shelves, or sorting cargo at McDuck Airlines, your kid will be challenged to recognize and match shapes, colors and letters. With each purchase, a better understanding of money is attained. 25-1131

39.95

NEW! Term Paper Writer. A fantastic tool for organizing and writing term papers. It simplifies every step along the way—note taking, organizing ideas, outlining, footnoting and compiling bibliographies. Uses Turabian, APA or MLA styles. 25-1154

49.95

NEW! Microscopic Mission. Embark upon a fantastic journey through the human body—from the leg to the brain—and cure whatever condition is endangering the patient. Study the patient’s history, identify objects in the bloodstream and more. But don’t kill the patient while curing the disease! 25-1180

39.95

25-1132

NEW! Mickey’s Space Adventure. Join Mickey and Pluto on a journey through our solar system. Your children can help some friendly aliens regain lost memory crystals as they learn about our planetary neighbors. Stunning graphics, delightful characters and challenging activities capture your child’s imagination while developing skills and knowledge. Your child will be motivated to learn all about the solar system: the name of each planet, its relative size and position in the solar system, surface temperatures, atmospheric and planet composition and much more. 25-1130

39.95

Rocky’s Boots. Players explore concepts in electronic circuitry while developing skills in abstract reasoning and logical problem solving. Over 30 different games and challenges kids to build a “machine” to solve the problem. 25-1139

34.95

The FUNdamentals*. An exciting and simple introduction to computer, computer vocabulary and computer concepts. FUNdamentals uses tutorials, games and graphics to explain hardware, software, DOS, DeskMate®, communications and more. Features 16-color graphics, sound and animation. For Tandy 1000 SX. 25-1166

29.95

For Tandy 1000 EX. 25-1167

29.95

For Tandy 1000 HX/XT. 25-1186

29.95

TANDY 1000 UPGRADE & EXPANSION OPTIONS

Personal DeskMate™ 2 and Professional DeskMate™

**Personal DeskMate 2**
- 25-1077
- Features a Highly Graphic Screen Presentation, Plus More Power Than Ever
- New Applications: Music Composition And 16-Color Painting

**Personal DeskMate 2 for the Tandy 1000/1000 SX**
- 25-1177
- 99.95

**Professional DeskMate**
- NEW FOR 88
- Network Compatible
- Seven Applications: Text Processing, Spreadsheet Analysis, Electronic Filing, Calendar/Scheduler, *Telecom, Draw And Electronic Mail

**Professional DeskMate**
- 25-1178
- 149.95

*Telecom and E-Mail require modem. 3Com/Reg. TM 3Com Corp.*

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**Tandy 1000/3000 Expansion Options and Upgrades**

**Memory Boards and Kits**

- **Memory PLUS Expansion Adapter**
  - For Tandy 1000 EX/HX. Expands your Tandy 1000 EX/HX to 384K and adds DMA circuit to speed up computer operations. Sockets allow addition of another 256K. Also provides connectors for the addition of two PLUS Upgrade Boards. 25-1062
  - 129.95

- **New Low Price! 256K Parity Memory Kit**
  - For Tandy 1000/3000/PCs. Contains 9 ICs of 256K X1 memory. 120 ns speed. Was $99.95 in RSC-17B. 25-3062
  - 79.95

- **128K RAM Upgrade Kit**
  - For Tandy 1000 TX and 3000 HL. 25-4082
  - 99.95

- **Memory Expansion Board**
  - For Tandy 3000. Adds up to 2 megabytes of memory. Comes with 1 MB. In MS-DOS®, functions as RAM disk or print spooler. 25-4030
  - 499.95

- **128K RAM Upgrade Kit**
  - For Tandy 1000/2000/PCs. Contains 18 ICs of 64K X1 memory. 25-5162
  - 99.95

**Powerful Expansion Options**

- **New! SmartWatch**
  - For Tandy 1000 PCs. Sets MS-DOS date and time automatically! Fits BIOS ROM socket of most PCs. Does not require a card slot. 25-1033
  - 39.95

- **NEW! Universal Keyboard Adapter**
  - For Tandy 1000/1000 SX/TX. Connects your Tandy 1000 to an IBM-compatible keyboard. For use with special-purpose software. 25-1030
  - 99.95

- **TRACKSTAR 128**
  - For Tandy 1000 SX. Lets your 1000 SX run software designed for the Apple® II series of computers. Supports Apple DOS 3.3, Pro-DOS® and Apple Pascal. 25-1028
  - 399.95

- **1200-bps PC Modem**
  - 199.95

- **Hard Disk Controller Board**
  - For Tandy 1000/PCs. Allows you to add hard disk drives for up to 70 million characters of storage. Includes cable for use with 10, 20 or 35-megabyte hard disks. 25-1007
  - 299.95

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**Tandy 1000/3000 Expansion Options and Upgrades**

**PLUS Upgrade Options**

- **PLUS Upgrade Adapter Board**
  - Allows you to add PLUS Upgrade Boards and kits to your Tandy 1000/3000. 25-1028
  - 199.95

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**1000 EX/HX PLUS Upgrade Boards**

- These boards are specially designed for use with the Tandy 1000 EX/HX or our Memory PLUS Expansion Board. You can also use them with the Tandy 1000 SX, TX, or any other PC compatible with the PLUS Upgrade Adapter Board. All PLUS Upgrade Adapter Boards are user installable.

- **New! PLUS RS-232 Interface**
  - Connects serial devices like a mouse, modem, printer or plotter. 25-1031
  - 59.95

- **PLUS 300-bps PC Modem**
  - Switchable Hayes-compatible modes. FCC registered. Cable included. 25-1017
  - 99.95

- **PLUS 1200-bps PC Modem**
  - Runs communications software at higher speeds—reducing the cost of on-line time. Hayes compatible. FCC registered. Includes cable. 25-1018
  - 199.95

- **PLUS Network 4 Adapter**
  - Use the Tandy 1000 EX/HX as a low-cost system in an educational network. 25-1019
  - 299.95

- **PLUS Upgrade Adapter Board**
  - Allows you to use PLUS Upgrade Boards in a standard PC card slot. 25-1018
  - 14.95

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The 256K Tandy 1000 EX—
Ideal for Home or School

**NEW LOW PRICE**

$599.00

Low As $30 Per Month

- Get PC Compatibility at a Fraction of the Price of IBM
- Comes With MS-DOS 2.11 and GW-BASIC. Plus Personal DeskMate 6-in-1 Applications Software
- Choose From Thousands of MS-DOS Based Programs

Tandy 1000 EX. The Tandy 1000 EX is PC-compatible, ready to use the MS-DOS software you bring home from the office, as well as software designed for the home or classroom. Every Tandy 1000 EX comes with its own software—Personal DeskMate. This integrated program features six of the most widely used applications available today: TEXT, WORKSHEET, DESKTOP, FILER, PAINT, and TELECOM. Personal DeskMate is amazingly easy to use, with pull-down menus and pop-up boxes for selecting functions. You can start working right away! Inside the sleek, one-piece design there's a 5 1/4" disk drive and 256,000-character RAM. The integral 90-key keyboard is the same as the Tandy 1000 SX for easy learning. You'll find an advanced three-voice sound circuit for sophisticated sound and music generation through the built-in speaker. There's also a headphone jack with volume control for quiet listening—perfect for classrooms. The one-piece Tandy 1000 EX offers convenient portability—just plug in a monochrome or color monitor (or a TV set, using an optional RF modulator). Plug in a joystick or a printer without buying extra-cost adapters. Add the Memory PLUS Expansion Adapter for two additional connectors for more memory, modem, telecommunications, Digi-Mouse, and classroom networking options.

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Get Down to Business
With the Tandy 1000 SX

$849.00

Low As $43 Per Month

- 50% Faster Clock Speed Than the IBM PC
- Ready to Run—Includes DeskMate II Software
- IBM PC Compatible - Ideal for Professional Use
- Built-In 5 1/4" 360,000-Character Disk Drive

Tandy 1000 SX. The 1000 SX is centered around the 8088-2 microprocessor, ensuring compatibility with industry-standard MS-DOS software. But unlike other PC compatibles, you can run virtually all of your programs faster than a Tandy 1000 SX. The user-switchable speed control lets you finish spreadsheets, sort data, and display intricate charts and graphs faster than ever. The included DeskMate II software features six applications on one diskette: Text Processing, Spreadsheet Analysis, Electronic Filing, Calendar/Alarm, Telecommunication, and Electronic Mail. There's also a task-switching feature, so you can enter and exit applications with just a few keystrokes. The Tandy 1000 SX comes with 384K RAM (expandable to 640K on the main board) and a built-in 5 1/4" 360K disk drive, expandable with a second internal 5 1/4" or 3 1/2" disk drive anytime. And with five card slots, it's easier than ever to expand your system. Expansion boards are user-installable and you can choose from memory expansions, internal modems—even a 20-megabyte hard disk card! The “options” you expect to pay more for are included—at no extra charge: monochrome and color graphics adapters, printer adapter, joystick adapter, light pen adapter—even MS-DOS 3.2 and GW-BASIC software are included.
INTRODUCING THE TANDY 1000 HX COMPUTER

The Easiest-to-Use PC Compatible Ever! Perfect for Home and School

The Tandy 1000 HX. The first home computer with MS-DOS built in! MS-DOS (in ROM) loads automatically in seconds—just insert your program diskette and you’re ready! (With other PCs, you insert the MS-DOS operating system diskette, wait for it to load and then remove the diskette—all before you load your program diskette.) The Tandy 1000 HX even “remembers” your system configuration—number of drives, type of monitor, etc.—each time you turn it on. It’s the ultimate in ease of use for first-time users, the ultimate in time-saving convenience for experienced users! (And it’s ideal for classroom situations.)

A high-capacity, 3½” disk drive is built in—and there’s room for a second 3½” drive, too. The 3½” drive represents the latest trend in storage technology. You can store more data (720K) on a smaller, more durable disk. The Tandy 1000 HX is PC compatible so you can use all the popular MS-DOS programs available on 3½” diskettes. And for total flexibility, the 1000 HX supports our 5¼” 360K external disk drive. This allows you to run software in the standard 5¼” format.

The Tandy 1000 HX is loaded with features, including 256,000 characters of memory and a built-in keyboard with the same popular layout as the Tandy 1000 EX. There’s an advanced three-voice sound circuit for generating music through the built-in speaker and a headphone jack with volume control—a great asset in the classroom.

Your first program is included—a new, enhanced version of our popular Personal DeskMate six-in-one software. Personal DeskMate 2 is an easy to use, integrated program that lets you put your Tandy 1000 HX to work right away! Features include pull-down menus and “dialogue boxes” for selecting functions, applications like a 16-color PAINT program which lets you create drawings and designs, and a MUSIC program that lets you enter and playback songs of your choice. Personal DeskMate 2 also has other applications that you’ll find useful. TEXT is a word processor for preparing correction-free letters, school papers and reports. WORKSHEET is an electronic spreadsheet that is ideal for keeping a running budget. FILER is a very simple filing system for storing information like mailing lists, birthdays, etc. There is also a communications program and a CALENDAR, to remind you of those important dates.

The Tandy 1000 HX offers conveniences that you would have to pay extra for in other computers. You’ll be able to plug in joysticks, RGBI or Composite Video monitor, printer—even a second disk drive—without buying extra-cost adapters. It’s expandable, too! By adding the Memory PLUS Expansion Adapter you can have up to 3 boards for memory, modem telecommunications—even classroom network options. Select the personal computer that’s right for your family or classroom—as well as your budget—the Tandy 1000 HX.


Prices Apply at Participating Radio Shack Stores and Dealers
High-Performance 80286 Tandy 1000 TX

A Professional-Class MS-DOS® Computer For Home, School Or Business

New for $88

1199.00

Low As $60 Per Month • ESP Available

Monitor not included

- Over Six Times Faster Processing Speed Than a Standard PC XT™
- Built-In 3½” Disk Drive Stores 720,000 Characters
- Expandable With a Second 3½” or 5¼” Disk Drive
- 640,000 Characters of Memory
- Compatible With the IBM® PC
- Includes MS-DOS 3.2 and GW-BASIC Software
- Includes Personal DeskMate” 2

The Tandy 1000 TX comes with 640K RAM. Five card slots make it easy to customize the 1000 TX just the way you want. Add more memory, an internal modem, a hard disk card—or add an additional card for connecting the 1000 TX to your workgroup environment.

Now you can get 286 technology, new disk technology, the convenience of built-in features and easy-to-use software in one package—all at the price you’d pay for a less expandable, lower performance computer. And it’s backed by the best support in the business—Radio Shack.

See pages 177 and 180 for Tandy 1000 options.

Specifications:
- Microprocessor: Intel 80286, Clock Speed 8/4 MHz, software selectable
- Operating System: Includes Microsoft’s MS-DOS 3.2 with GW-BASIC Memory: 640K RAM, expandable to 768K (640K for MS-DOS, 128K for video memory)
- Includes power-up diagnostics
- Keyboard: Integral 90-key sculptured, including numeric-entry keypad. Special keys include HOME. ESCape. BREAK. CTRL, CAPS. INSERT. DELETE and HOME. Twelve programmable Function keys. Retractable legs, 6-ft coil cable. Video Modes: Text 80 or 40 characters per line by 25 lines, 256 character types. Reverse video, blank, blink, 16 foreground and 8 background colors. Graphics: CGA compatible with enhancements. CGA compatible with 16-color black. blue. cyan. magenta. red. green. yellow. high-intensity white. Disk Drives: One double-sided, double-density 720K (formatted) thin-line 3½” floppy, 96 tracks per inch. Internal Expansion: Five user-accessible IBM-PC compatible card slots: 10” maximum length). 80287 Math Co-Processor. Second internal or external 3½” or 5¼” disk drive
- External Connections: Standard parallel port, composite video out. line level audio out. RS-232C serial port, two joysticks. RGBI Color Monitor
- Shipping Weight: 31 lbs
- Power: Input 120 VAC, 50/60 Hz, Output 67 watts UL listed

Comparison based on Norton Utilities Computing Index Version 4.0. *Communications require modem. Personal DeskMate 2 requires 80-column monitor IBM/Reg. TM and XT/XTM IBM Corp MS-DOS/Reg. TM/Microsoft Corp

Ask for a Copy of Our New Radio Shack Software Reference Guide
The New Tandy® 1000 Family of Computers: Because there is no better value.

Every Tandy 1000 MS-DOS computer is designed, manufactured and quality tested in our own U.S. facilities. The new Tandy 1000 HX (top right) features MS-DOS in ROM for ease of use. The new Tandy 1000 TX (top left), delivers high-speed “286” performance. Both systems have a 3½” disk drive and complement our popular Tandy 1000 SX (bottom left) and Tandy 1000 EX (bottom right)—America’s best selling PC compatibles.