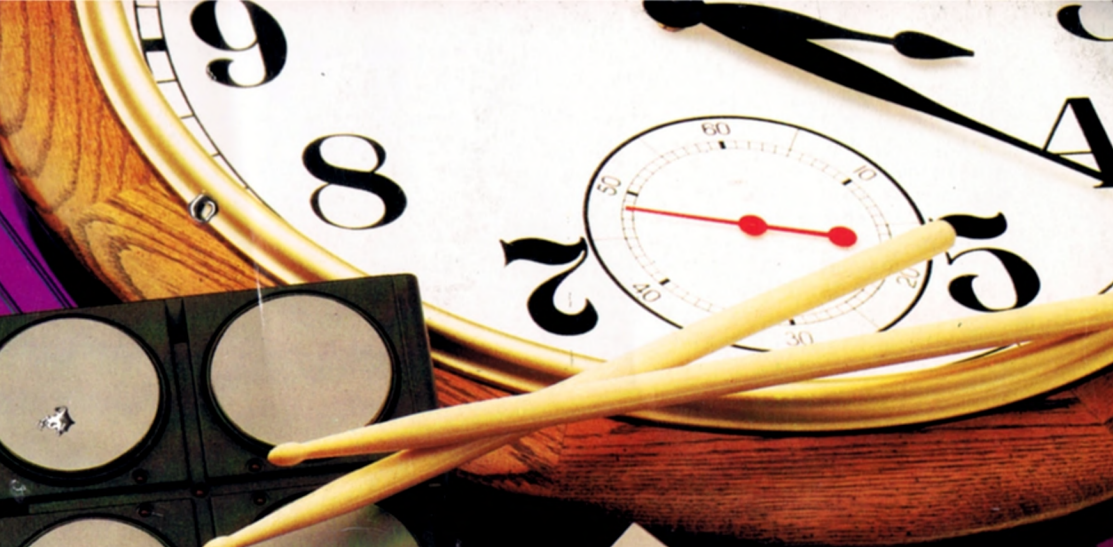
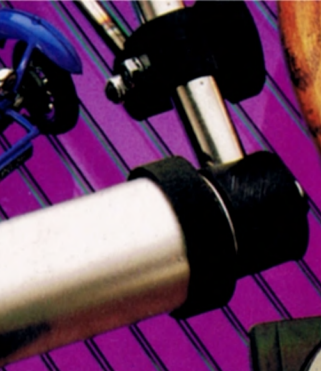
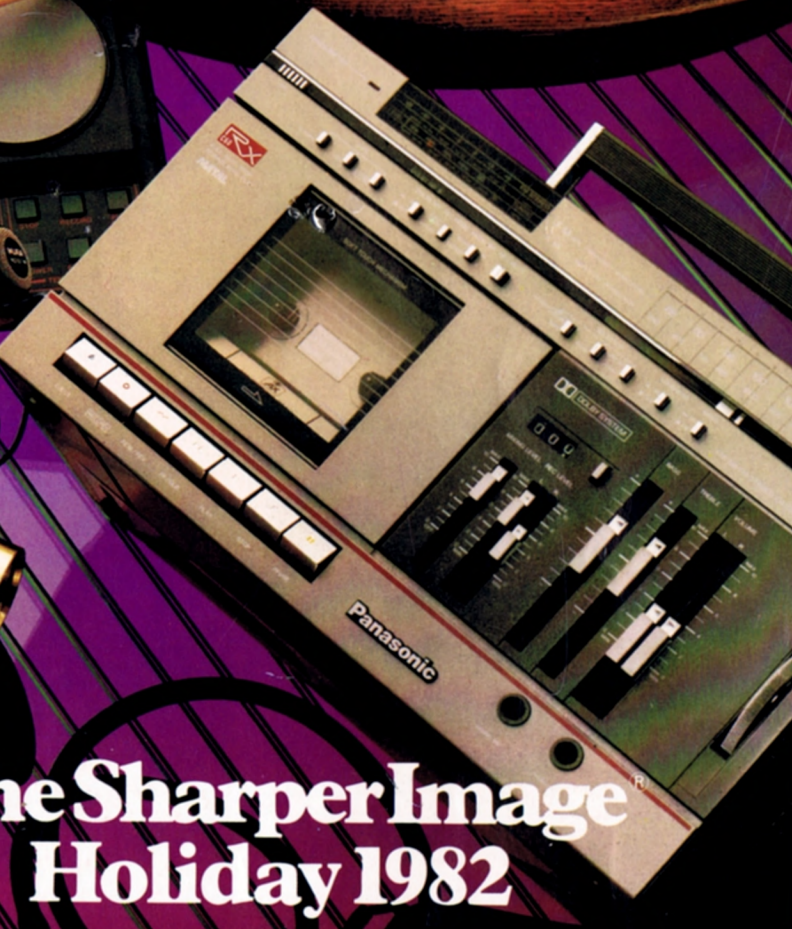




The Sharper Image[®] Holiday 1982



Welcome once again to the world's most magical collection of products. Where a toll free phone call brings you a mountain-climbing bicycle that doubles as the perfect commute bike. Or experience the joy of tension release in your own personal flotation tank. Choose from among the finest cordless phones. Or be the first to own an electronic security briefcase.

Best of all, after your order arrives, you have 30 days to make your final decision. If for any reason you're less than satisfied, simply return the item for a prompt, courteous refund, including delivery. We only ask that you keep merchandise in new condition.

On holiday gifts, our return privilege is extended to January 20th for exchange or credit.

How to order.

For quickest delivery, call our toll free line 24 hours a day, 7 days a week. Visa, BankAmericard, Master Charge/MasterCard, Diner's Club and American Express are welcome.

For more leisurely, personal attention, call later in the day or evening (our phones are very busy in the morning). To assist our order takers, please have the following information ready: product name and number, plus the key code appearing on the mailing label (on the catalog's back cover).

Or simply mail a check with the convenient order form and self-addressed envelope provided in the middle of this catalog.

Delivery charges within the continental United States are listed in parenthesis () directly after the purchase price. Delivery outside the continental United States may, in some cases require an additional freight charge. If an item is temporarily out of stock, you will receive prompt notice. Products can be sent to your home or office, or directly to someone on your gift list.

Order by December 10 for Christmas delivery.

But the earlier you order for Christmas, the better. For last minute shopping, we recommend our gift certificates. Available in denominations of \$50, \$100 and \$200, delivery time is only 3 to 4 days in most cases. See page 7 for more information.

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THE SHARPER IMAGE®

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In 60 seconds, turn your favorite slides into fabulous prints.

Now you can make professional quality color prints from your slides, instantly. Without messy chemicals, bulky equipment, or a

week of waiting. Now, when friends or relatives ask for a copy of a much admired slide, you can make it right before their eyes.

You probably agree 35 mm color slide film is an ideal format. It's cheaper to buy and process, it makes great wall-sized slide shows, and the slides store easily. And there are no negatives to lose.

The drawback has always been the time consumed in getting prints made—it takes a week, it's inconvenient, and costs a dollar per print or more.

Vivitar's amazing invention.

But now Vivitar® has developed an inexpensive, easy-to-use Instant Slide Printer™ that you can use at home. There's no skill required. Just insert your slide, push a button, and sixty seconds later you have a magnificent color print. It's that simple.

What's more amazing is the quality of reproduction. Just like other instant printers which sell for \$300 or more, the far-less-expensive Vivitar makes prints that are as good or better than the local photo finisher. The quality is superb. The colors are rich and pure. And because it uses the new style Polaroid® 669 film, the prints are just like ordinary printing paper (and don't need any coating).

At the heart of this sophisticated printer

is a precision enlarging lens from the same engineers who created the highly respected Vivitar Zoom camera lenses. Exposure is automatically set, or can be manually adjusted to improve a slide that's too dark or too light. The printer is 10" high, 6" wide, 4" deep, and is beautifully designed in black high-impact plastic with blue trim. It weighs only 3 pounds.

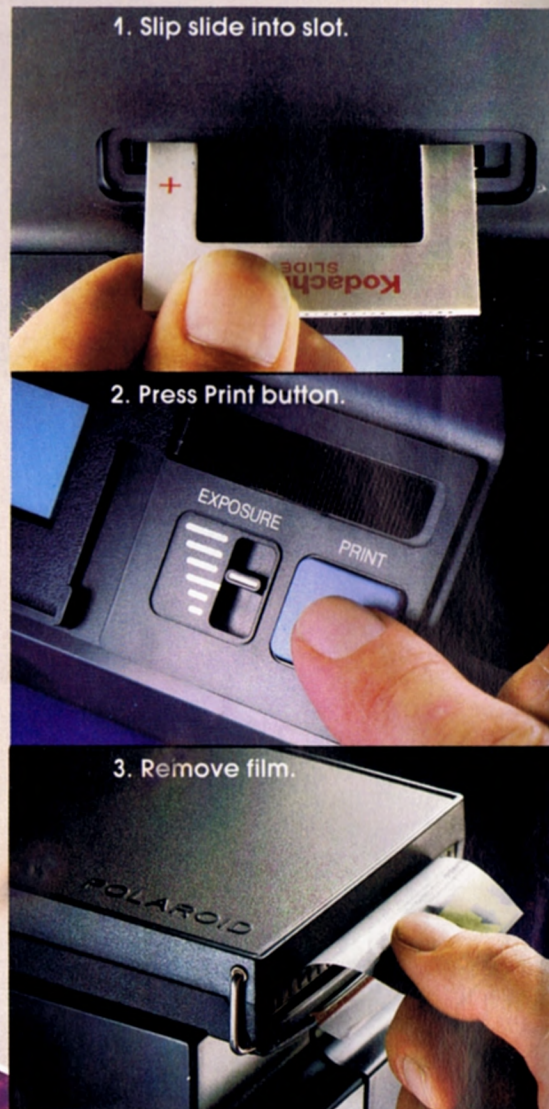
Color prints measure 3 1/4" x 4 1/4", with an image size of 2 1/2" x 3 1/4". The color Polaroid film is priced from \$7.50 to \$8.50 for a pack of 8 prints, depending upon store discounting. Now you can shoot color slide film for its economical costs and advantages. Then make selected color prints for as low as 93¢ each, saving hundreds of dollars.

As a system, it's far less expensive than using color print film—and has all the flexibility that slides give. Plus, your Vivitar printer can be tax-deductible if you use slides or prints in your professional occupation.

Experiment on us.

By ordering now, you'll receive a free roll of Polaroid film, good for eight beautiful prints. You'll even receive a free set of four Duracell "C" batteries. So you can make eight prints of your own, on us. Be as critical as you wish of the result. You must be satisfied. If not, simply return the Vivitar slide printer within 30 days, for a prompt, courteous refund. And keep the eight prints for your trouble.

This product amazes everyone that sees it, and is a fantastic gift for the holiday season. However, it is in short supply. To make sure of getting one for yourself, take a moment and call our toll-free number for your own home trial. Then prepare to enjoy an incredible advance in photography. Vivitar Print Maker #VV860 \$149 (4.50).



Polaroid film back accepts new Polacolor ER 669 and type 108 films, available at any camera store. Plus Polaroid 665 black and white film that produces both prints and negatives.

35mm slide slot is wide enough for two sandwiched slides, or 2 x 2" color filters for creative special effects.

Set your exposures automatically, or use manual settings to correct under or over exposures.

Illuminated slide preview allows adjustable horizontal cropping to improve picture composition.

LED light verifies accurate exposure. Built-in electronic timer beeps at 35 seconds for black and white, 60 seconds for color.





The portable cassette player/recorder reinvented.

He wants to be able to lug it back and forth from the ski cabin to his city condo. He demands quality sound—but portability as well.

Panasonic built their new "Platinum Plus" series for serious, space-saving audiophiles. The whole rig latches together in just 18 x 13 x 10" of space, weighs just 14 lbs. The separating speakers each have 4" woofers and 1" tweeters, though at home you might plug the tape deck into your larger speakers as well.

Cassette tape deck has Dolby® noise reduction, metal and Cr02 tape capacity. One touch recording from the high sensitivity AM/FM stereo tuner, or from the two built-in condenser microphones. Sound mix-

ing even lets you dub your voice over music. LED tuning meter helps in getting accurate FM reception. Separate LED meters show recording levels, automatically adjust volume.

Use 8 "D" cell batteries (not included) or house current with included cord. Universal voltage selector allows use internationally.

The suggested retail on this new series is \$349. But you can order it at the sharply discounted price of \$299 (find it for less, and we'll refund the difference—see order blank). Use your 30 day return privilege to convince yourself that Platinum Plus is the portable you want to own. Panasonic Platinum Plus #PA766 \$299 (9.50).

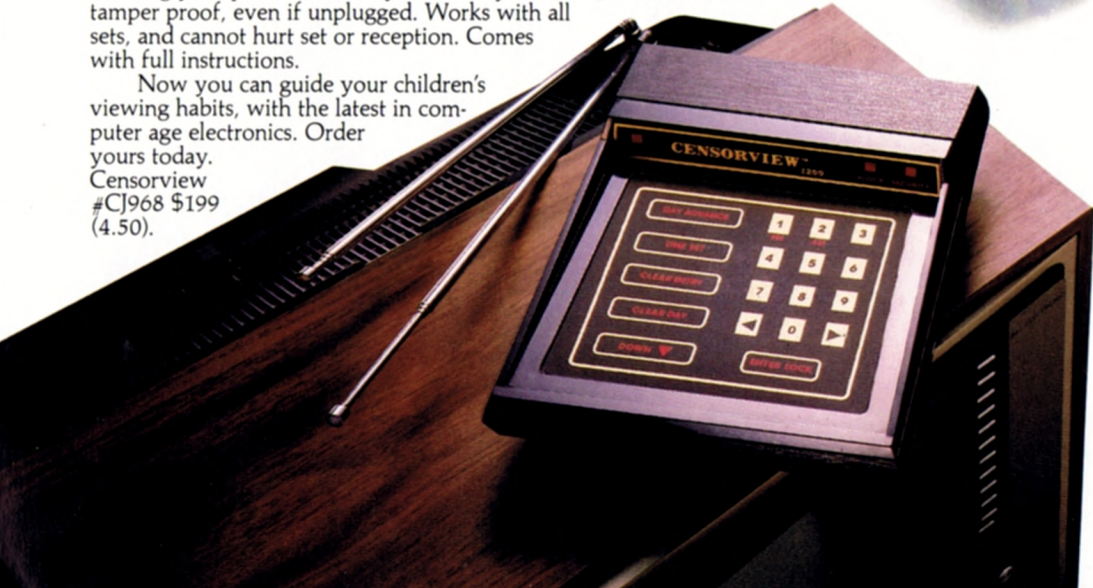
Now you can control your children's television viewing.

The new Censorview enables you to selectively control the programming that comes into your home, protecting your children from violent or x-rated material.

Using a personalized security code, Censorview can even restrict access to one or all of the TV sets in your home. Simple 24 hour programming blocks any specific show on any channel for one day—or indefinitely. Also works with pay cable channels, video recorders or games.

You gain access to any restricted program or channel by simply entering your personal security code. Easy to install, Censorview is tamper proof, even if unplugged. Works with all sets, and cannot hurt set or reception. Comes with full instructions.

Now you can guide your children's viewing habits, with the latest in computer age electronics. Order yours today. Censorview #CJ968 \$199 (4.50).



First personal FM stereo with television sound.

The new Mura Hi Stepper delivers not only huge sounding FM stereo, but AM and TV sound as well. Now you can listen to your favorite television shows anywhere—in incredible high fidelity, through the ultra light 1.6 oz headset. Television never sounded so good! In fact, you'll want to wear the foldable headset while you watch tv too. Turn your TV set sound down, and you have a personal listening experience that won't disturb others.

Switch to AM or FM stereo anytime. But be prepared to enter a world of your own. The samarium cobalt headset produces sound and separation that rivals the most expensive home system. The receiver measures 3 1/4 x 5 1/2 x 1 1/4" and weighs 8 ozs. Takes 3 AA batteries and comes with 90 day warranty. Clips to your belt. And no protruding antenna is necessary for FM or TV sound reception. Try the first personal stereo with high fidelity TV sound. Mura AM/TV/FM Stereo #MU959 \$59.95 (3.75).



Turn your TV into a roving electronic eye.

The unique Sentry video camera system uses your own TV set and the newest, most advanced lightweight mini-cam to tell you who's at the door, how the party by the pool is going, even how the baby is—any time day or night. Switch from normal channels to video surveillance at the touch of a button. Priced much lower than industrial security systems, it's as simple to install as attaching an antenna to your television.

Just plug in video cable (50 feet provided) and follow the clearly written instructions. Within 30 minutes you'll have your home or office secure and monitored.

The 1 1/2 lb. black and white mini-cam automatically compensates for lighting conditions to bring you sharp clear pictures day or night.

Easily mounted on wall, ceiling, or table. Its adjustable panning head swivels 360° horizontally and 90° vertically. Up to 3 cameras can be connected with optional switcher box (available from manufacturer).

The next time you relax in front of the television, relax with the security of Sentry. Sentry Video Camera #GB963 \$299 (6.50).



Float to relax. The most natural way to relieve stress.

At last there's a simple, effortless way to reduce stress. The Float to Relax™ tank is a light-free, sound-free environment that promotes deep, natural relaxation.

Installation is simple. Within an hour you can set up your own tank and float yourself or a friend into the deepest state of relaxation imaginable.

The closest thing to weightlessness this side of earth orbit.

Remove your clothes, open the smooth sliding door and step in. A ten inch solution of epsom salt and water (kept at 93°

skin temperature) makes you float like a cork, and keeps your head always above water.

Utterly relaxed and weightless, you're in total control. At any moment you can reach up and slide the door open. Sound baffled air vents provide fresh air for long floats.

The floating state is like the familiar sensation of laying half-awake in bed—only deeper and more enjoyable. This state of conscious relaxation is immensely pleasurable and can be prolonged for as long as you wish (typically, people float about an hour.)



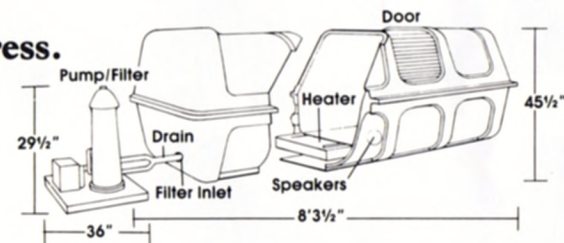
Portable electronic phone dialer.

The PortaTouch™ AutoDialer is a 3 ounce electronic phone dialer that fits in your hand. Only 2 1/2 x 4 1/2 x 1/2", it automatically dials ten 16-digit numbers from memory in fast, computer-compatible tone pulse signals.

Perfect for such services as Sprint, MCI, bank-by-phone, mobile radio or paging systems. Most importantly, it works even on rotary dial phones. Special pyramid-shaped keys make dialing easy, even with long fingernails or large fingers.

Three 1.5 volt alkaline calculator batteries (included) let you make 10 calls a day, each day for a year. Auto-shutoff after 15 seconds saves power and prevents accidental dialing. Comes with leatherette case, batteries, and full instructions.

Now carry Touch Tones™ and one button dialing in your pocket, thanks to PortaTouch—a product of California's famed Silicon Valley. PortaTouch #BM954 \$89 (3.50).



But the real pay off is what happens once you get out of the tank. Colors will seem more intense. Your vision sharper. Many floaters report a sense of freshness and intensity that they haven't felt since childhood. This relaxed, recharged feeling helps them think and work better. And most say this feeling stays for two days or more.

What's happened? The floater has experienced the beneficial effects of deep relaxation and sensory deprivation—effects that have long been documented by scientists and researchers.

The Float to Relax tank is used by doctors, stress clinics and professional football teams like the Dallas Cowboys and the Philadelphia Eagles. And current research is exploring the tank's usefulness for hypertension, lower back pain and sleep-learning.

Underwater stereo. The tank's built-in underwater stereo speakers connect to your home sound system—giving you the option of floating to your favorite music or learning from spoken word cassettes.

Constructed of durable fiberglass and fully insulated. 1 year warranty. Made in U.S.A. Included are the circulating pump, filter and stereo speakers. 8' 3" long, 3' 9" high, 4' 3" in diameter. Available in red or light blue. Call now and experience the joy of floating—with our 30 day return privilege. Or call for our free Float to Relax information packet. Float to Relax Tank #FO976 \$3495 (95.00).

Experience the ultimate rowing machine.

The Amerrec Rower/Exerciser goes far beyond conventional rowers in quality and exercise efficiency. One smooth motion develops all your major muscle groups. And gives a powerful aerobic workout to your heart and lungs. Plus, its award winning design lets you perform non-rowing exercises as well.

Footrests with Velcro® straps let you do slant board style sit-ups. Oars allow standing squats, deltoid-triceps pulls, and arm pulls. You can even do bench presses by resting your back on the seat.

But first, sit down on the comfortably padded seat and experience the *ultrasmooth*, quiet rowing motion. You'll marvel at the *remarkably silky* feel of the oars. Your seat slides smoothly on precision ball bearings. You control amount of resistance with the

simple turn of a knob on the hydraulic cylinders.

Row for your life.

Some researchers believe average life span can be increased by daily aerobic exercise. And Amerrec is built to last for a lifetime. Frame is light but remarkably strong anodized aluminum. The oars are rustproof stainless steel with cushioned grips for comfort. Non-skid pads give stability—even on slick floors. Bushings, bumpers and moving parts are space age Dupont Devlin®.

Measures only 50 x 30 x 9" (closed) and stands on end behind a door for storage. Weighs only 30 lbs. Five year warranty on frame, one year on moving parts. Absolutely no maintenance is required. Virtually no assembly. This compact, professional machine is used in health clubs and by the U.S.

Olympic Ski Team. Now you can own the world's finest rower/exerciser. Amerrec Rower/Exerciser #AM979 \$349 (14.50).



The phone that's making America cordless. At new savings.

These two Extend-A-Phones give you more quality and features than any other cordless phones in their price range.

They work by transmitting a crisp FM signal from the base unit (which plugs into your existing phone system) to the cordless phone. Letting you receive or place calls to anywhere in the world—just as you would on your conventional wired phone. But with no cords to trip over. Or ringing phones to run to. Take calls in your backyard or garage. Or place calls from the tub. It's exhilarating. And more fun than you ever thought a phone could be.

The long range solution. With AutoSecure.

The Extend-A-Phone 4000 (left) has a 700 ft. base-to-remote range. That's as much as ten acres (depending on terrain, steel obstructions, etc). With this powerful range, you can walk the dog or visit your neighbors—without missing a call.

But the 4000 also has a separate push-to-talk speakerphone in the base unit. So you can answer at the base no matter where you've left the cordless phone. And enjoy crisp, clear speakerphone conversation. Speakerphone also functions as a two-way intercom to the cordless handset. (For hands-free speakerphone capability built into the cordless handset, see the deluxe 5000 model on page 18). Other features include Soft Touch dialing. Two way tone paging. Automatic redial of last number called (great for getting through busy signals). Hi/Low

volume control. Low battery light and AutoSecure™ (keeps other phones off your line).

The short range solution. With AutoSecure.

Extend-A-Phone's new short range 1100 cordless (right) is the first with a dial pad in the handset (previous models allowed dialing out at the base only). Now you're free to roam up to 50 feet from the base—placing or receiving calls without bothersome cords. The 50 foot range is ideal for small apartments, kitchens, bedrooms, dens.

You can 'hang up' the 1100 without returning it to the base cradle. But when you do place it in the cradle, AutoSecure automatically shuts off the dial tone and insures no other cordless phone can use your line.

The Soft Touch Dialing Pad provides an audible confirming tone with each number your press. New Cancel Switch (on the keypad) brings you a new dial tone without having to hang up the phone. Also has Automatic Redial, Mute key (puts your caller on 'hold'), Hi/Low volume.

The most phones for your money.

Construction and quality of these new generation phones surpasses all previous models. New state-of-the-art electronics make sound both crisper and louder. Static is reduced to a minimum. Your callers won't even know you're using a cordless phone. And you'll save on monthly rental charges as one Extend-A-Phone takes the place of many extensions.

Permanent built-in batteries recharge for weeks of use, simply by placing the handset into the base unit overnight. Base plugs into any standard modular jack and AC outlet.

One year warranty from Uniden—the world's largest manufacturer of cordless phones. FCC and UL approved. Also works on multi-line office phones with the Multi-Line adapter on page 16.

Order your choice now, and experience the fun and freedom of cordless telephoning.

Long Range Extend-A-Phone #EX731 \$179 (4.50).
Short Range Extend-A-Phone #EX730 \$109 (4.50).



The long range model's base (shown at top) is also a separate push-to-talk speakerphone.

The short range Extend-A-Phone is shown in its trim recharging cradle. Otherwise, the handset looks just like the long range model pictured at left.

Third generation personal stereo.

Both these new Toshibas produce powerful, concert hall sound. Yet they're the smallest and lightest of their types.

The Stereo Cassette Player (left) comes with a 2 ounce drop-in AM/FM Stereo Tuner (lower left) and incredibly light 2 ounce headphones. All controls are easily accessible when you're on the move (belt clip is included).

Advanced, third-generation technology makes the player not much bigger than the cassette. Measures only 4 1/4 x 3 x 1". Weighs only 10 ounces with two AA batteries in place (not included).

Fast Forward and Rewind buttons are mounted flush with the brushed aluminum cabinet—so they take up less space and don't protrude. Sleek, light and versatile, you can enjoy rock-steady cassette stereo or concert quality AM/FM stereo. Headset folds up to palm size. One year limited warranty.

Wafer-thin personal FM with unparalleled sound.

Pictured right and lower right are Toshiba's wafer-thin FM Stereo Tuner and headset. Because this model is designed exclusively for FM stereo reception, it has no other circuits or connections to interfere with sound quality. The sound is nothing short of amazing; with crystal clear highs and deep, resonant lows. You'll feel like you're walking around in a concert hall. Measures only 3 1/2 x 2 1/4 x 1/2"—that's smaller than a deck of cards. Fits in your shirt pocket. Headset weighs 2 ozs and folds to palm size. Brushed aluminum tuner weighs a miniscule 2.5 ozs.

LED pinpoint best stereo reception and Slide Rule controls are top mounted for easy adjustment as you move. Comes with suede-like protective pouch.

Order your choice of these exciting third generation personal stereos now. Toshiba Cassette AM/FM #TS966 \$169 (3.50).
Toshiba FM Stereo #TS965 \$79 (3.50).



Desk top clock with a racing tradition.

VDO is Europe's oldest and most respected maker of automotive instruments. And now, this same style and precision is yours in a hand crafted leather desk clock.

Encased in high grade, hand-stitched leather, VDO features quartz technology that keeps it accurate to within 5 seconds per month. The brushed metal champagne dial is 4 inches in diameter. The clock is slanted for easy reading on your desk and keeps you on schedule with visitors without the awkwardness of looking at a watch.

The raised leather oval can be mono-grammed. Runs for over a year on a single C battery. One year warranty. Until now, this quality instrumentation was found only in fine European automobiles. Let VDO precision help organize your life with a racing tradition on your desk. VDO Leather Clock #BI980 \$45 (3.50).

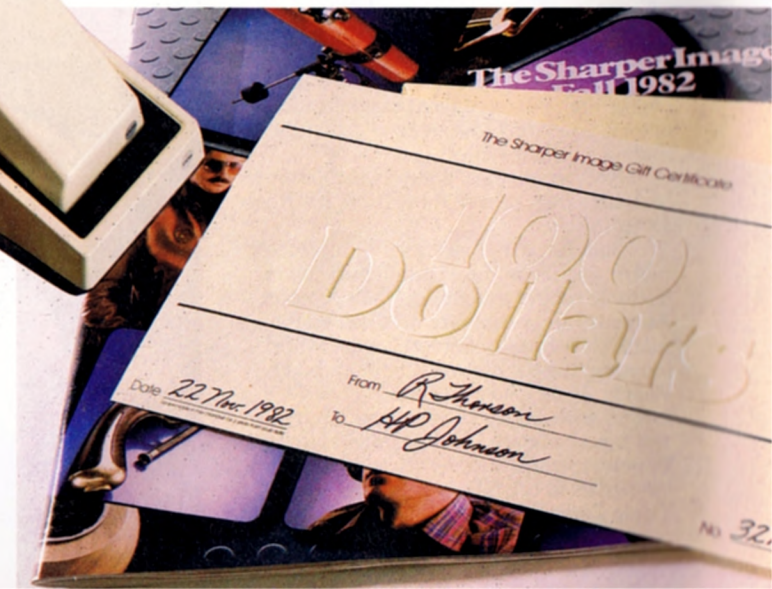
Your holiday gift list. Finished with a phone call.

Now you can give everyone on your list a unique and exciting gift. With the convenience of a free phone call.

The Sharper Image gift certificate is printed on richly textured, heavy Corsican cover stock. With your name (and the recipient's) hand-written on the face. Issued in \$50, \$100 and \$200 denominations.

Sent immediately, it arrives with our latest catalog in just a few days. What could be a more perfect last minute gift? If your recipient orders less than the amount of the certificate, we'll send the recipient a check for the difference. (You'll receive an acknowledgment when certificate is sent.)

Call toll free, or use the convenient order form and envelope in the center of the catalog. Surprise someone with a front-row ticket to the most unusual product show in the world. \$50 Gift Certificate, \$100 Gift Certificate and \$200 Gift Certificate.



Museum quality, firing replica of one of America's most coveted firearms.

This is an authentic working re-creation of one of America's most coveted military sidearms.

The Harper's Ferry Flintlock was one of the first military handguns issued to officers of the United States Army and Navy. Used against the British in the War of 1812, only 4,100 were produced at America's first national armory. The few originals that remain today are priceless collector's items. As perfect as human skills can make it, this replica shows exquisite detail. An actual working weapon, precision crafted to produce the same firepower as the original. Gunpowder and ball ammunition (available at sporting good stores) are required for firing.

Hand made in Italy by master gunsmith Aldo Uberti. Features a .58 caliber rifled barrel (10") with fixed sights. The choice, solid burl matched walnut stock is meticulously matched to the "browned" barrel with solid brass fittings. Case hardened lock is stamped

"Harper's Ferry 1807" with the American eagle and U.S. insignia—exactly like the original. Order this magnificent firearm separately, or in the handsome French-fitted walnut display case. Gun length is 14½", weight is 2½ lbs. Not available to residents of New Jersey.

This marvelous working replica of the historic Harper's Ferry Flintlock is available in limited quantities. Please order yours early, and allow 3-4 weeks delivery for this museum quality masterpiece.

Flintlock Pistol #NY846 \$175 (5.50).
Pistol and Case #NY847 \$245 (7.50).



Zoom smoothly from 6X to 18X or anywhere in between with a simple push of the zoom lever.



Triple Zoom Binoculars.

Tasco's powerful zoom binoculars make it easy for you to find and track a moving subject.

Great at a football game, where you can see the start of play with a medium powered 6X panorama. Then zoom smoothly in (up to 18X) to follow the movement of the ball. Unlike high powered fixed-magnification binocs, you won't lose or have difficulty finding a distant subject.

And where most zoom binoculars merely double their power, these triple it—from 6X to 18X.

Built for active viewing, with protective rubber guards on the 35mm lenses and retractable rubber eyecups on the eyepieces. All lenses and prisms are hard-coated for sharp, clear images. Smooth center wheel focusing; rugged diecast aluminum body. Weighs 24 oz. and measures 5¼" x 7". Comes with sturdy carrying case, strap, and tripod adaptor. And a Limited Lifetime Warranty, from Tasco—official supplier of binoculars to the NFL.

Triple Zoom Binoculars #TA816 \$119 (3.50).



Beat tension headaches without drugs.

Antache™ Biofeedback Headset lets you literally listen to the muscles that cause most tension headaches (head, neck, shoulders).

Minute levels of muscular tension are converted into an audio tone. The higher the tone, the greater your tension. Using the tone as a guide, you'll quickly learn to lower the pitch—untensing muscles that cause headaches. You get immediate, natural relief. And long lasting prevention with no drug side effects.

Just spend 5 to 10 minutes a day with Antache for two weeks. After that, you'll need to wear the headset only occasionally.

Recently, a team of researchers at Montreal General Hospital found Antache to be a convenient, reliable and useful adjunct to therapy. And test subjects who had no headache complaints found that Antache still reduced their overall tension level.

Features full volume and sensitivity controls, a soft stretch headband with EMG electrodes (no messy conducting jelly is needed) and comfortable leather ear pads. Takes one 9 volt battery. Comes with detailed instructions and one year warranty. Try science's natural method of headache control.

Antache Biofeedback Earphones #GL853 \$149 (3.75).

Own eight beautiful gemstones. At a price far below market.

Did you know that natural, colored gemstones have risen dramatically in price over the years? Not only have sapphires increased 300% in price over the past decade, emeralds increased 900% in the same time, but these gains have held despite the drop in other collectibles.

The strength in colored stones, despite the current recession, simply reflects supply and demand. Colored stones have become more popular than ever (for example, Lady Diana's large sapphire wedding ring). And the supply is less predictable than ever—there are very few mines, it is a disorganized industry (unlike the diamond cartel), output is meager, and most mines are located in very unstable, politically volatile regions. No wonder prices have continued to rise.

The Sharper Image is one of the largest purchasers of natural stones. By dealing directly with the master cutters in Germany, Israel, Brazil, and Bangkok, enough savings is realized to deliver this eight gemstone set to you at a price equal or below what a jeweler would pay at wholesale.

Everyone agrees the difficulty in investing in collectibles is that most of us can't buy below retail prices. But now you can take advantage of our huge quantity purchases and buy at a price far below retail. See for yourself by ordering the eight stone set. Then take it to a reputable jeweler for appraisal. You'll be amazed at the results!

Here's what our customers say:

"In the last few months I have ordered several hundred dollars worth of gemstones from your company. Not only am I very pleased with them but all my friends and co-workers have been astounded at the quality as opposed to the cost." E.S., Beaumont, TX.

"I am very pleased with the stones. I just got them back from having them appraised. The appraisal was done by the oldest and finest jewelers in West Virginia. The value of the stones was appraised between \$1200 and \$1400." S.M., Turtle Creek, WV.

If you can afford to put aside a modest sum, order your set today. The colors will dazzle your eye; the cutting is magnificent. The faceting of these stones is superb. You must be impressed with the extraordinary value—as thousands of our customers are—or return for a prompt, courteous refund. You're completely protected by our nationally recognized guarantee of satisfaction. You receive these 8 stones. Cuts may vary slightly. Occasionally larger stones may substitute.

1. Money October 1981

African garnet 3 carat, beautiful, large, red stone. Hand cut in Germany. A very striking gem.

Amethyst This purple stone is over 5 carats. Its large size commands attention. The medium purple color is superior.

Rhodolite Round, brilliant cut shows this fiery red stone to best advantage. From Africa, it resembles fine ruby. 1.5 carats each.



Shown approximately twice actual size.

Peridot Brilliant green color with yellow sparkle. Extremely bright, this one carat stone is hand cut in Germany.

Emerald From Zambia, this two-thirds carat emerald is meticulously hand cut in Israel in a centuries old tradition. Nice color with a few natural inclusions. Emeralds are very scarce, and their prices reflect increasing popularity.

Aquamarine 1 carat, 8 x 6mm oval. From Brazil. Beautiful light blue color.

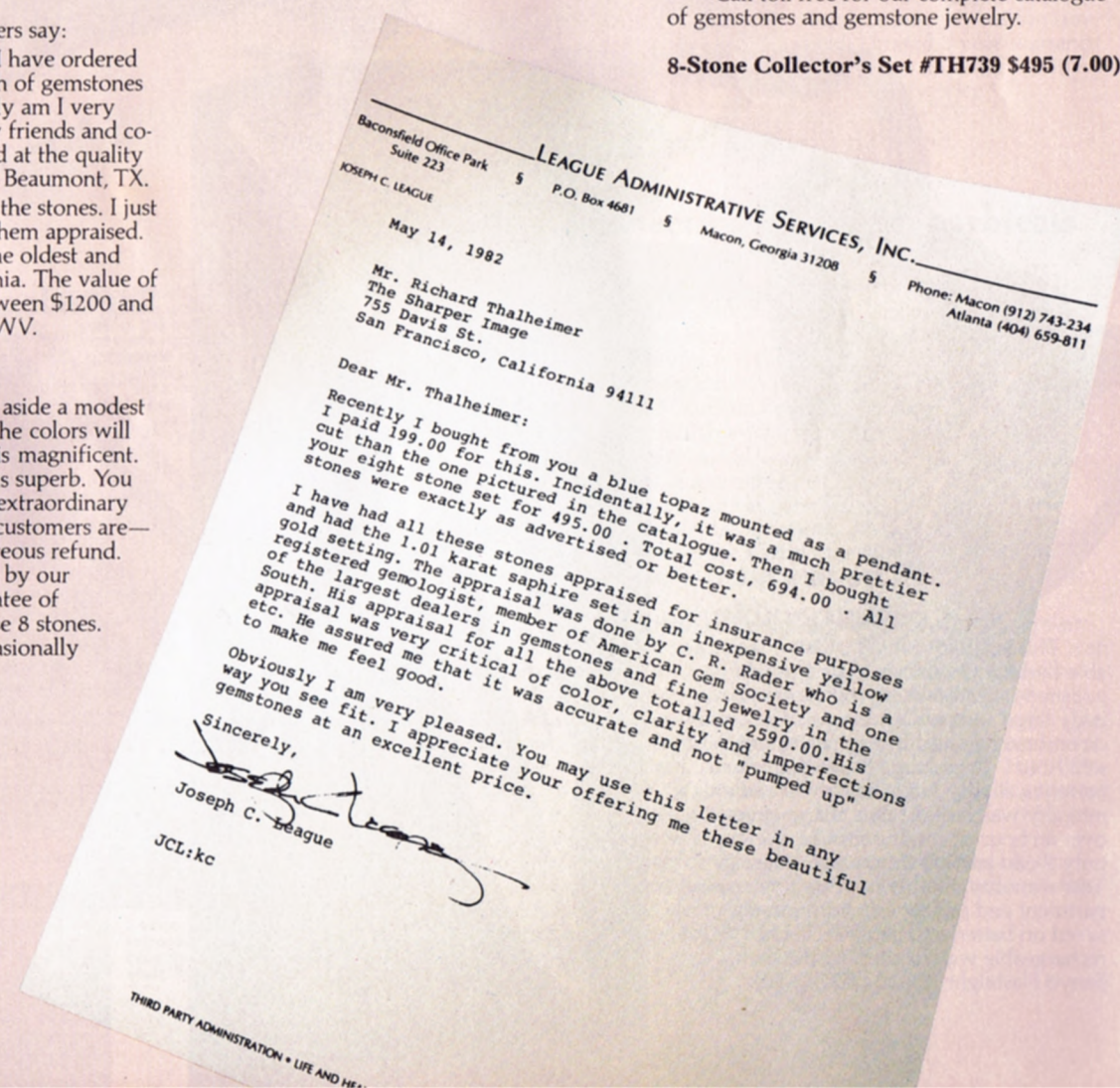
Sapphire A lovely deep blue stone from Australia, precision cut in Bangkok. One carat, perfect for mounting in a ring or neck pendant. Sapphire is more popular than ever, though better sapphires are increasingly difficult to find.

Citrine 3 carats or more, golden-orange citrines are one of the most unusual and desirable in the quartz family. Strongly dichroic, they change color in incandescent or natural lighting. The faceted oval cut is superb.

All eight stones come beautifully boxed in a handsome black presentation case. You'll also receive—with our compliments—the 150 page book, *Gems* by Joel Arem, a recognized authority. A certificate of authenticity accompanies your order. Please order early as prices are subject to increase depending on market conditions.

Call toll-free for our complete catalogue of gemstones and gemstone jewelry.

8-Stone Collector's Set #TH739 \$495 (7.00).





Now, the close shave wanders far from home.

Sanyo's travel shaver combines the precision and comfort usually found only in an electric home shaver—with the freedom of cordless engineering. Just plug its retractable power prongs into any wall outlet overnight. Two nicad batteries (included) recharge automatically, providing a week's worth of shaves—wherever you are. In waiting rooms, taxis, even airplanes. Perforated, ultra thin foil and 26 longlife cutting edges. Pop-up sideburn trimmer. 2 x 1 x 4", 6 oz. Year warranty. Great gift for the non-stop executive. Rechargeable Razor #SA425 \$45 (3.50).

Price breakthrough on the longrange cordless Muraphone.

This Mura Cordless phone is selling nationally at prices ranging up to \$199. Thousands of satisfied Mura customers have testified to its reliability and quality. And now, for the first time, you can own this 700 foot range cordless at an extraordinary savings. Just \$129. Compare our price on this Mura to anyone's. Then call us toll free to reserve yours.

Features excellent fidelity and full duplex electronics (which means two parties talking simultaneously can hear each other).

The Mura comes with a small hide away base station (plug it into your wall plug and phone jack and forget it). Its lightweight remote handset recharges while in use at any wall outlet. You can place or receive calls even while it's recharging. Its striking design serves as an impressive example of contemporary sculpture, while the angled tips make your phone conversa-

tion more comfortable. And the back-mounted pushbutton panel lets you dial single-handed. All Mura exclusives. And like most of our cordless phones, Mura has complete dial out, receive, and automatic one button redial features (but no intercom).

The Mura is FCC approved. Comes with 90 days warranty, full instructions, base and remote handset. Works on single or multiple line phones (with the Multi-Line adapter available on page 16).

Order yours early, and experience the luxury and freedom of cordless telephoning at outstanding savings. Muraphone #MU611 \$129 (4.50).



The bright rechargeable.

This small (6 1/2" x 4") Sanyo rechargeable flashlight is enhanced by specially polished reflectors that produce an amazingly large and powerful beam. The omnidirectional handle adjusts the angle of light a full 140°. To recharge the built-in nicad batteries, simply twist the handle and plug into any wall socket. One charge gives over an hour of continuous use. Weighs only 9 ozs. and has tough ABS housing. Year warranty. Stashes in your glove compartment and pays for itself with money saved on batteries. The one reliable, rechargeable way to conquer the dark. Sanyo Flashlight #SA424 \$27 (2.50).

Legendary blade.

Puma has a 200 year history of knife-making. Each knife goes through 22 stages of handgrinding with 26 quality controls. This 5" blade features the hammerforged, hot tempered Puma Stainless Super-Keen Cutting Blade—a special alloy of steel, high grade carbon, and chrome. Hand-crafted and finished, the knife rates an enviable 58-61 on the Rockwell scale.

The Puma-Lite™ handle is acid-resistant, with non-slip gunstock hatching. The lockback is extra strong for finger protection. Measures 5" closed, 10" open. Each knife is hand-stamped to warrant it for 3 years from purchase. Made in Solingen, West Germany.

All this quality becomes obvious when you open and close this precisely balanced knife. You can literally hear and feel the difference. Puma Knife 5" blade GT840 \$49 (3.50). Puma Knife 4 1/4" blade GT987 \$45 (3.50). Puma Knife 3" blade GT988 \$39 (3.50).



Turn any doorway into a private health club.

The In-Door Gym is like a gymnasium full of exercise equipment to work all your major muscle groups quickly and efficiently. You can perform more than 30 different body building and shaping exercises. That's as many as Nautilus, Universal, and other costly machines.

Clamps on your doorframe with little effort and never interferes with the use of the door. Removes in seconds. Weighs only 7 lbs. so you can take it anywhere.

Has a range from 5 to 300 lbs. and takes only 5 seconds to change to any of the 57 resistance levels. You can do bench or standing presses, military presses, squats, side bends, knee raises—virtually all exercises offered by expensive weight machines.

Made of chrome plated steel tubing, nickle plated and black anodized aluminum. Nylon rope tested to 2,000 lbs. Perfect for a total body workout or to improve your performance in sports like tennis, racquetball, running and golf. And unlike other portable exercisers, In-Door Gym gives you an exhilarating feeling similar to pumping real iron.

Order one for yourself, and bring the benefits of a health club home. In-Door Gym #MK977 \$79 (4.50).



Color tv/video that tailgates.

Used with your own portable VTR camera and recorder, this compact color monitor gives you complete tape-anywhere, see-anywhere ability.

Has an 83 channel UHF/VHF tuner, vivid 5" color picture and a high fidelity video monitor circuit for your VTR or camera. Plug your video accessory (VTR, disc, computer, game) directly into the video monitor jack, bypassing antenna and tuner. You'll get a crisper, more color-pure picture—without interference.

Lightweight, go-anywhere design has a handle that doubles as a stand. Measures 12 1/4 x 11 x 5 1/2", weighs 10 lbs.

Accepts rechargeable NiCad or ordinary D cell batteries (not included). Comes with both home wall plug and car/boat cigarette lighter adaptors (perfect for pre-game telecasts at tailgate parties).

High impact case, built-in sunshield. Limited 2 year warranty. Now own quality video, with modest Liberty price. Liberty 5" Color TV #LI827 \$299 (7.50).



Professional electronic briefcase protects you and your valuables.

The Courier Electronic Briefcase is the only briefcase that incorporates a 2,000 volt anti-theft shock system into its design. A deluxe Samsonite briefcase that has been invisibly modified, it's a low profile business case that protects you as well as its contents. One side is reinforced with a bullet resistant armour liner—and will protect you against pistol fire up to .357 caliber. Each Courier case also has an unnoticable high gain microphone built into the outside of the case.

In a situation where the case is taken from you, a pre-alert electronic beeper informs you of a possible theft situation. Immediately following the pre-alert beeper, an ear piercing 112 decibel electronic siren is activated. After the siren is activated, if the thief is still carrying the briefcase, he then becomes the victim of a stunning 2,000 volt electric shock through the handle. Though non-lethal, it forces the thief to drop the case.

You'll never be surprised, because a sophisticated warning system alerts you before any alarm systems are activated. You can disarm it with your own personal code, or it will automatically reset itself. An additional motion sensor protects your briefcase if you wish to leave it undisturbed in a hotel room—or use it as a personal alarm at night. The siren and shock systems can be operated independently, or turned off altogether. The entire system is undetectable, and takes only 4% of the interior space. Amazingly, two standard 9 volt alkaline batteries power the system for months. Weighs 9 pounds. Measures 14 1/2 x 4 x 18 1/2". One year warranty. Made in U.S.A.

If you carry documents or valuables, the Courier Electronic Briefcase is the ultimate in crime deterrence. Now, protect yourself with the world's most sophisticated electronic briefcase. Courier Electronic Briefcase #SB967 \$1195 (9.50).

Unnoticable outside high gain microphone is activated by simply folding the handle over. Your own cassette recorder (see micro-cassette recorders in this catalog) plugs into a modular jack inside. Now you can record memos, dictation or even seminars from your briefcase.



Electronics are shown exposed for detail, but are completely hidden—even when the case is open.



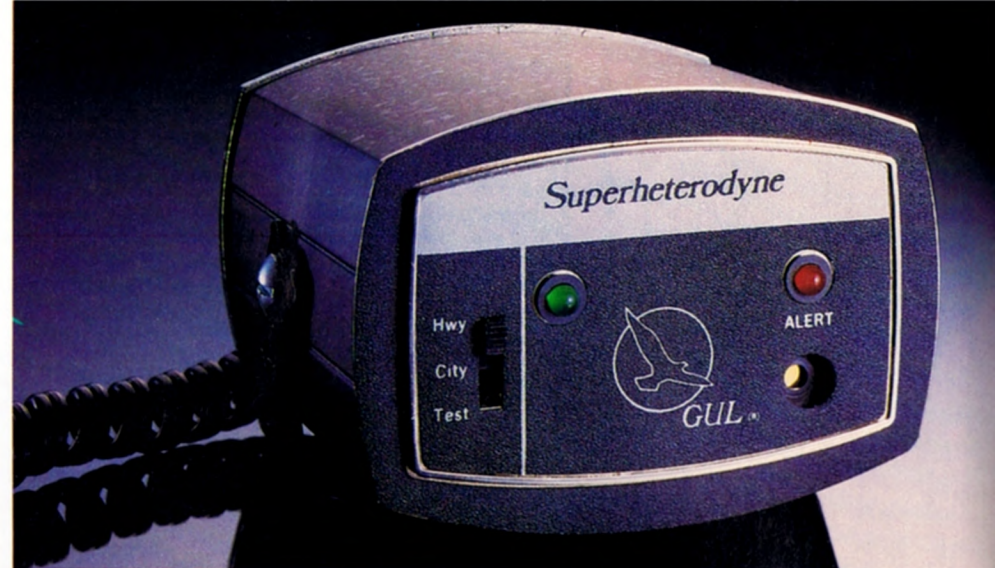
Heuer's black beauties.

Widely recognized as world leader in stopwatches, Heuer was Official Timekeeper at the 1980 Olympic Games and for 10 years official timer of the Ferrari Formula 1 team.

Their new diver's watches are meticulously hand assembled by Swiss craftsmen. Water resistance is to 660 feet. Both case and band were carved out of 100% stainless steel and given a black anodized finish to eliminate troublesome glare.

Accurate to within 10 seconds a month, Heuer's quartz movement runs on a single battery that will last up to two years. A rich 10 micron coating of 18K gold accents the numerals, hands, and center links. Rugged enough for ocean depths, yet light and attractive enough for everyday use. Both the man's and woman's versions feature double safety latches, tempered mineral glass crystals, unidirectional timing bezels that click into place when you turn them, and submarine hatch style screw-in crowns.

Like all fine Heuer timekeepers, these black sportswatches were designed and executed with an uncompromising eye for quality. One year warranty, battery and instructions are included. Service by mail is available in the United States, but it's unlikely you'll ever need it. Man's Black Heuer #HU725 \$375 (3.50). Woman's Black Heuer #HU726 \$375 (3.50).



Superheterodyne on sale. Today's most aggressive approach to radar detection.

The GUL Micro Scan (see page 60) is the world's finest 'passive technology' radar detector. It yields more than adequate warning for drivers going 60-65 miles per hour.

But if you drive faster, or drive a truck, or simply insist on the maximum warning time possible—the new GUL Superheterodyne is for you. GUL's 'active' superheterodyne circuit specially processes all incoming signals *twice*—to select out police signals from other bands and to pick up weaker signals sooner—resulting in more warning time and less false alarms.

Test results on the 5 leading superhets.

In May of last year, a remarkable show-down of the five leading superheterodyne detectors was conducted in Cincinnati, Ohio. To insure an honest test, presidents and chief engineers from most companies were present.

The Whistler, Super Snooper and Fox gave 1/2 to 2/3 less advance warning of radar than did the Escort and GUL Superheterodyne.



For those who desire total concealment, the GUL Superheterodyne remote unit (with 2 x 1" dashboard warning panel) installs easily under your hood.

Leaving the battle line clearly drawn. On the more difficult to detect, longer range X band—the band used by the latest Kustom K-10 police radar guns—GUL outperformed Escort by 185 feet, yielding two seconds more of warning. On the less critical K band, Escort gave only 1 second more of warning time than GUL.

The heavily advertised Escort had met its match. And the GUL Superhet even costs less. **Detects police radar like a geiger counter.** GUL's red light and beeper go faster the

closer you get to a police radar gun. Because the audio beeper can be annoying after a while, it automatically turns off after ten seconds—while the red light continues to blink until you're safely out of the field. City/Hwy. switch adjusts to rural or urban conditions.

Sturdy, shock resistant case is all diecast extruded aluminum—the best material for shielding against false alarms. The internal antenna is the largest of its kind. And a green power light indicates that the unit is receiving adequate power.

The dash model (pictured above) attaches with velcro and works off your cigarette lighter. The under-the-hood remote model provides maximum concealment and installs easily in under an hour. Both measure 1 x 3 x 4". Remote warning panel is 2 x 1". Full instructions and one year warranty.

The truck driver's choice.

Everyday, police are being better trained on more sophisticated radar equipment. If you're a fast driver, or live in an area where you're highly monitored, the GUL Superheterodyne can give you the extra margin of warning you need.

Truck drivers have turned almost exclusively to superheterodynes because their huge vehicles make bigger targets and take longer to slow down. Depending on terrain, the GUL Superheterodyne can give you from 7 to 20 times the warning on X band and 6 to 12 times the warning on K band—com-

pared to a conventional radar detector.

Consider the consequences of unnecessary speeding tickets to your driving record and car insurance premiums. Then call us and order the finest, farthest early warning system you can own.

GUL Dash Mount Superhet #GU622 \$199 (4.50).

Remote/Under Hood Superhet #GU623 \$269 (4.50).



Control panel for your wrist.

Citizen's newest creation is a cockpit-style time center for the international man.

Set the watch hands for one time zone and the LCD display for another (switchable to 12 or 24 hour time). Both formats are set with push buttons (no stem to turn) and quartz accuracy is ± 15 seconds a month. Day/date calendar is programmed to the year 2019 for month variations and leap years.

Features two separate timing functions: 1 hour stopwatch with 1/100 second increments and lap button. And 24 hour countdown timer. Split second measurements are graphically displayed on the upper two LCDs. And it's only 8 mm thin.

Also wakes or reminds you of important engagements with its 24 hour alarm. Plus optional hourly chime.

Comes in 100% stainless steel or covered with a generous 10 microns of real gold. The tightly sealed mineral glass crystal protects the four separate LCD panels and recessed analog face. Water resistant. Comes with full instructions, two-year battery in place and one year warranty from Citizen—the world's largest manufacturer of quality quartz timepieces.

Citizen Stainless Watch #CI832 \$129 (3.50).

Citizen Gold Watch #CI833 \$179 (3.50).

One of a kind collectors' knife

Patented Rolox design allows 2 1/2" blade to roll forward into locked position, even with one hand. Once locked, it is as secure as a one-piece knife. Maximum safety, as blade retracts away from fingers. Unique Coco Bola wood is more beautifully grained and harder than walnut—self-contained oils protect it from water, sun and age. Completely handmade in America in 50 steps. This precision instrument can be disassembled for cleaning. Stainless blade is hand ground with Rockwell hardness of 58.

Thick, oil tanned leather sheath is heavily stitched. Lifetime warranty from Benchmark, and first place winner, NAFLD Blade Division.

Benchmark Viper #BE556 \$79 (3.50).



Solid brass Captain's clock.

This extraordinary solid brass nautical clock is encased in an actual working porthole that opens up and locks down just like the original.

The metal face plate, protected by a heavy glass crystal, shows both AM/PM and 24 hour ship's time.

A sweep second hand counts off the seconds with quartz accuracy, varying no more than ± 10 seconds a month. The clock's electronic movement needs no winding and runs for over a year on a single alkaline battery (included).

Crafted from solid, hand buffed brass, the clock weighs a hefty 5 lbs, is 10" in diameter and 2" deep. Year warranty. The finest of its kind and a true collector's piece. Brass Porthole Clock #DN630 \$175 (5.50).



The keypad remote control measures only 5 x 3 x 1" and works up to 25 feet away. Takes two AA batteries.

105 channel remote control for any TV.

Why pay \$600 for a remote control TV when Teknika can give your present set the same capability for only \$189? And if you have cable (or want to get it) you should know that many cable hook-ups disable a television's built-in remote controls. But not Teknika. It gives you full wireless remote control for all UHF and VHF channels, or up to 105 cable channels.

And this is total remote control; not just channel-changing. Use the lightweight keypad/transmitter to turn your set on or off, fine tune, step through channels in either direction. Or tune directly to any channel by entering the number on the keypad.

Installation is very simple. Just connect four wires between Teknika's unobtrusive tuning module (13 x 5 x 10") and the back of your set. No internal connections necessary.

Quartz synthesizer tuning firmly locks in signals for maximum reception, and can dramatically improve your present picture. Since there are no mechanical parts, tuner performance will not deteriorate with age. UL and FCC approved. One year warranty.

Try the world's simplest and most sophisticated remote electronic television tuner for yourself. TV Remote Control #TK970 \$189 (5.50).

Superhet speed trap protection with a flip of your visor.

New superheterodyne Radar Intercept™ mounts on your passenger side sun visor. And flips completely out of sight—hidden from both overzealous police and passing thieves. Flip the unit down and Intercept automatically begins to search for police radar.

Performance is comparable to the GUL Superhet and Escort on both X and K bands (see page 12). Yet Intercept is no bigger than a paperback book.

The only detector with eyes in back of its head.

Radar Intercept has a unique printed circuit board antenna—making it the flattest, lightest superhet detector in the world. And ideal for visor mounting. Measures just 6 × 3" and is a mere inch flat. Weighs only 1.2 lbs.

Additionally, the printed circuit antenna receives radar signals equally well from front and back. So Intercept can give you simultaneous front and rear warning of either stationary or roving police radar.

Radar Intercept's semi-permanent installation leaves your dashboard uncluttered, and requires only 30 minutes to complete. Just attach the concealable cable to your car's fuse box using the clear and simple instructions provided—only a screwdriver is needed. Then run the cable up to the sun visor and snap Radar Intercept into place. Its spring steel visor clip assures a firm mount (velcro is included for even more stability). Cable installs permanently, but the radar detector itself can be unplugged from the cable—allowing use in any of your cars (all you need is an additional lead cable for each car—available from the manufacturer).

Flip your visor down and you're protected. Automatically.

Radar Intercept turns on automatically each time you lower your visor, or flip the hinged unit down. The unique internal mercury switch also turns it off when it's tipped up. Green pilot light indicates unit is fully operational. Red warning light and pleasant (but unmistakable) warning beeper activate at first sign of police radar. And continue to warn you until you are safely out of the radar zone. Comes with 10 ft. of cable and 90 day factory warranty with convenient service by mail.

How compact Intercept stacks up against the competition.

Radar Intercept has been tested against both the top rated GUL and Escort, (see page 12). Its long range is virtually identical.

Autoweek magazine says "Radar Intercept features a few tricks that have caused some drivers to shelve their Escorts."

CB magazine: "The ideal radar detector that watches your back door as well as front door... Exact same sensitivity to front as to rear of unit. We were favorably impressed with the high amount of superheterodyne sensitivity."

Wheel magazine sums it up: "Falsing is minimal, if not eliminated. And both X and K band detection is excellent. The circuit board antenna also means range is wider and potentially better around corners and over rises."

For the convenience of visor mounting, and the added protection of front/rear detection, order your Radar Intercept today. Then road test it yourself with a 30 day return privilege. Radar Intercept #LT713 \$269 (4.50).

Mounts on front of passenger-side visor (as shown) or on the back—where concealment is total.



Fingerprint in gold.

Your touch literally turns to gold with this unique pendant. Your finger or thumbprint impression is duplicated in 14K plumb gold by fine craftspeople. Each pendant is individually hand finished, filed and polished. The smaller pendant (for a finger) measures 5/8" × 1/2" and weighs 1/10 ounce. The larger (for a thumb) measures 1 1/4" × 7/8" and weighs 1/8 ounce.

When you order, you receive a small piece of jeweler's wax. Make five print impressions. Then mail them in the post-paid box back to our jeweler. Your custom pendant will arrive via insured mail in 4 to 6 weeks. It's a totally unique piece of jewelry—to keep or give to a special friend.

Fingerprint Pendant #PB825 \$139 (2.50).

Thumbprint Pendant #PB826 \$199 (3.50).

Put a seagoing compass on your desk.

When you'd rather be sailing than sitting at your desk, this handsome brass yachting compass will console you.

Accurate ship's compass is completely sealed in oil. All solid brass on a handrubbed teak base. It weighs a substantial 5 pounds. Stands 5" tall, 9 3/4" long. Very thick mineral glass crystal protects it.

The fully floating "gimball ring" assures a horizontal plane—even in heavy seas. Red and green handles identify port from starboard.

A significant piece of nautical art for your desk or coffee table. But please order early as supply is limited.

Brass Compass #LC818 \$99 (4.50).



Blood pressure the easy Swiss way.

Switzerland's PRESS-O-TEST is the only blood pressure unit that's totally self-contained. Its unique one-piece cuff is designed to slip on easily—no tubes, hoses, or leads. And it's so accurate you don't even need to roll up your sleeve. Just slip on the velcro cuff, pump it up, and read the large clear dial.

A microphone in the cuff converts your blood pulses into an audible beep; a flashing red light indicates systolic (high) and diastolic (low) pressures. Compared to most kits' one sensor, the PRESS-O-TEST has three, all covered by world patents. And the logical filtering system (similar to DOLBY™) picks up and transmits only blood pulse sounds.

Lightweight (10 oz.) and compact (6 × 7 × 2"), it's the perfect unit for the traveler. Comes with a handsome leatherette travel case, 9 volt battery, entry journal, instructions, and one year limited warranty.

Easy to use PRESS-O-TEST is the best friend your family's health can have.

PRESS-O-TEST #MD841 \$99 (3.50).

ORDER TOLL-FREE. 7 DAYS A WEEK.

800 344-4444

In Alaska and Hawaii 800 227-3826
Canadian/overseas orders 415 788-4747



An investment you can wear.

First commissioned in 1907 by Teddy Roosevelt to honor America's western heritage, the 2 1/2 dollar Indian Head is a gold bullion coin (21.6K) of remarkable beauty and value. Each coin is certified to be in excellent A.U. (almost uncirculated) condition.

Carefully hand mounted in a massive solid 14K gold ring, this unique collectible is custom sized for your second finger in men's sizes 9 to 13.

Also available in solid 14K gold pendant setting, ready for your own chain. Both settings protect your investment by holding the rare coin securely in place without damage.

You'll agree the 2 1/2 dollar gold coin is America's most distinctive and beautiful. Indian Head Ring #EC842 \$595 (5.50). Indian Head Pendant #EC843 \$355 (4.50).

It makes the sounds that soothe.

Marsona generates the primal sounds of nature—the surf, the rain, the rhythmic gushes of a waterfall. These sounds aren't recorded—but synthesized—by the use of advanced solid-state electronics.

Hospitals have long used sound conditioners like the Marsona to relax patients in the coronary and respiratory care sections. Controlled laboratory tests at a university sleep lab indicated that sound conditioned sleepers got to sleep quicker, slept longer and received about 50% more Delta (stage 4) deep sleep. And the same tests also noted that sound conditioning did not disturb the necessary stage 1 REM sleep (the dream state).

The Marsona 1200 is an improved electronic design that offers several advantages over earlier electromechanical models: more types of sound (2 surf, rainfall and waterfall). There are no moving parts, no tapes, nothing to wear out. It uses less electricity than a small night light. And you can fine tune sounds to exactly your likes; from a mere whisper all the way up to a strong masking sound. With the surf you can even vary the rhythm from slow to fast to random.

The Marsona 1200 uses "white noise"—long recognized by scientists for its ability to mask out unwanted noise that interferes with sleep, relaxation or work. The Marsona can deal with noise pollution problems like traffic, neighbors' stereos, barking dogs, equipment operation and snoring. All highly intrusive sounds that make rest and relaxation difficult.

We offer you the Marsona 1200 for a full 30 day trial. One year warranty. No batteries needed. 7 × 8 × 5". Marsona 1200 Sound Conditioner #MC643 \$129 (4.50).



Now connect single-line accessories to multi-line phone systems.

Multi-Line Controller lets you plug your cordless phone, automatic dialer, small business computer, answering machine—any telephone accessory made for 'single line use only'—directly into your multi-line office system. Unlike past adapters, this is a *full access system*—gives full ringing and lighting. Simple push buttons let you 'dedicate' your cordless phone (or any single line device) to any of the first five lines on your system—and you can switch from one line to another instantly. With a duplex jack the Multi-Line Controller can even accommodate two devices.

Installation takes less than two minutes. No professional help needed, no installation fees, no monthly charges. Just follow the cable that leads from your phone. Within 6 feet you'll find two attached metal connectors. Using a screwdriver, simply sandwich the Controller's connector between them. Needs no power. FCC approved (*not compatible with Com-Key, Horizon or some electronic phone systems*). Measures 2½ × 5" and weighs 1 lb. Order today. Bring the fun and efficiency of the new telephone accessories technology to your office—where it's needed most.

Multi Line Controller #TB834 \$49.95 (3.50).



Harpoon that lights your fire.

Four-foot, solid brass Blo-Poke makes log fire handling easy. No more scorched hands. With a few pieces of crumpled newspaper and a few easy blows down the tube you can start your fire without kindling wood. A lift or poke with the pointed hook arranges your logs. If your fire is almost out, throw on another log, and just a few blows will quickly rekindle it. Polished, lacquered finish needs no care.

Fire Harpoon #BL803 \$45 (4.50).



Price-conscious Germans now set their minds on thinness.

You've seen the Swiss version before—it costs \$4,800. But now German engineers have duplicated the world's thinnest watch technology at a surprisingly modest price. It's called Bifora (bye for' ah) and is being introduced to America by The Sharper Image.

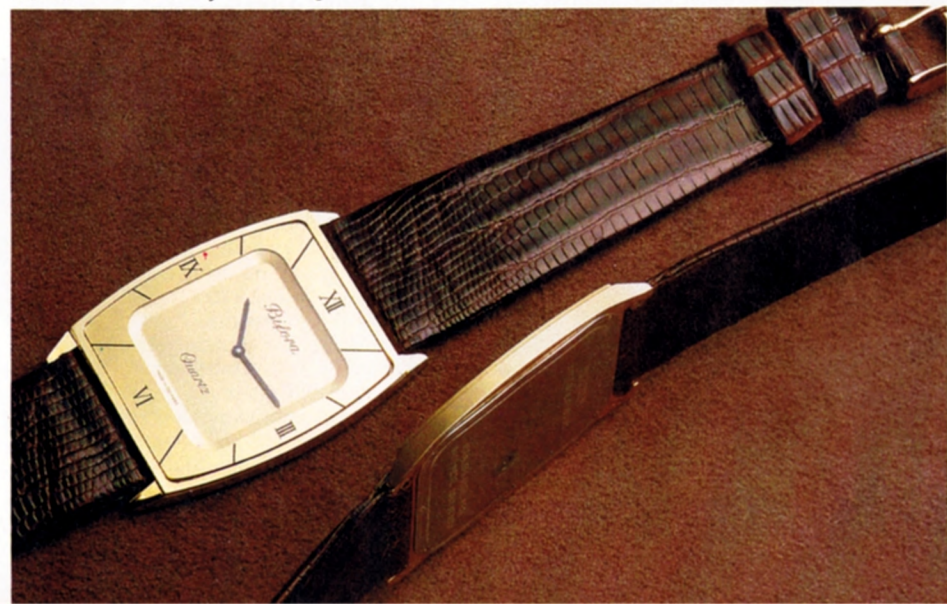
You'll marvel at the breathtakingly thin 2.98 mm case. Hand assembled out of solid brass, then generously plated with 10 microns of warm 18K gold. The synthetic sapphire face crystal is virtually scratchproof. The ultra thin battery gives three years of

dependable service, and is available at jewelers everywhere. The clever hidden setting button forwards the minute and hour hands. The conventional stem has disappeared in this sleek design. A quartz crystal vibrates 32,768 times per second, lasts a lifetime, and gives accuracy of ±3 seconds per month.

The brown lizard strap complements the extraordinary design. The watch is water resistant, so you needn't worry if you accidentally submerge it. It becomes a part of your life. Comes complete with three year battery in place, full instructions, year warranty, and prompt service-by-mail (in the rare event it is needed).

For casual afternoon wear or elegant evening attire, the Bifora quartz watch makes an impressive statement about you. Isn't it time you owned one of the world's thinnest water resistant watches?

Please order early. Availability of this Bifora watch will be limited. German Bifora Quartz #BI482 \$275 (3.50).



Your child will have a ton of fun, and develop new abilities.

This large, solid oak construction toy actually turns, lifts, moves and carries a variety of items—sand outdoors, or toys indoors. And most important it improves hand/eye coordination, three dimensional perception, attention span and muscle tone.

Architect-designed for rough use—it takes a beating. Two-lever scooping action lifts dirt or sand, and can even dig holes. It swivels a full 360°. Solid oak hardwood construction is engineered for total safety.

The rust proof bucket is galvanized sheet metal, and is actually operated by 2 large levers. The nuts and bolts are galvanized steel. Three pieces assemble in 15 minutes. Weighs 25 lbs. 24" × 19". Six month replacement warranty. For ages 6-12. A terrific, educational toy for active children.

Large Construction Shovel #CZ844 \$99 (9.50).

Japan's finest personal stereo. Now with auto reverse.

Aiwa's newest and most advanced personal stereo is the world's smallest recorder/player with Auto Reverse. Now you can listen to both sides without turning over the tape.

It records too: you tape directly from the built-in AM/FM stereo tuner, or via direct connection to another audio component. Or use the detachable one-point, three-sided microphone to capture the sounds around you in stereo.

A new noise reduction system provides enhanced sound quality on Dolby® encoded tapes. Also accepts metal tapes. Anti-roll mechanism prevents distortion while you jog. Twist-open 3 oz. headphones fold up in your pocket for easy storage. Comes with belt hook and deluxe case. Uses two AA batteries (not included). Or connect to the two-C battery pack (included) for 31 consecutive hours of entertainment. Measures 5¼ × 3¼ × 1½", weighs 15 ozs. One year limited warranty.

Aiwa also offers two perfectly matched full-range acoustic suspension Micro Speakers that work without batteries, or produce room-filling amplified sound when you insert 4 C batteries in each. They weigh only 1.3 lbs. and measure 3½ × 6½ × 3½". Great for car, patio or desktop. Give yourself the choice of personal stereo, with or without headphones. Aiwa is Japan's most respected maker of personal electronics. AutoReverse with AM/FM Stereo #AI960 \$225 (3.75). Mini-Speakers #AI961 \$65 (3.75).



Rich purple amethyst—remarkable price.

Gemstones have tripled in value during the last ten years. As *Forbes* magazine suggested in the cover story "The Boom in Colored Gemstones," industry experts expect this trend to continue. Clean, well cut stones have investment potential—and are beautiful to wear and display.

We purchase thousands of stones directly from the master cutters of Brazil. These amethysts are 10 carats each, and come in an assortment of cuts. Meticulously faceted and polished. These natural amethysts have the rich, purple color that is indicative of better stones—unlike the paler purple often seen.

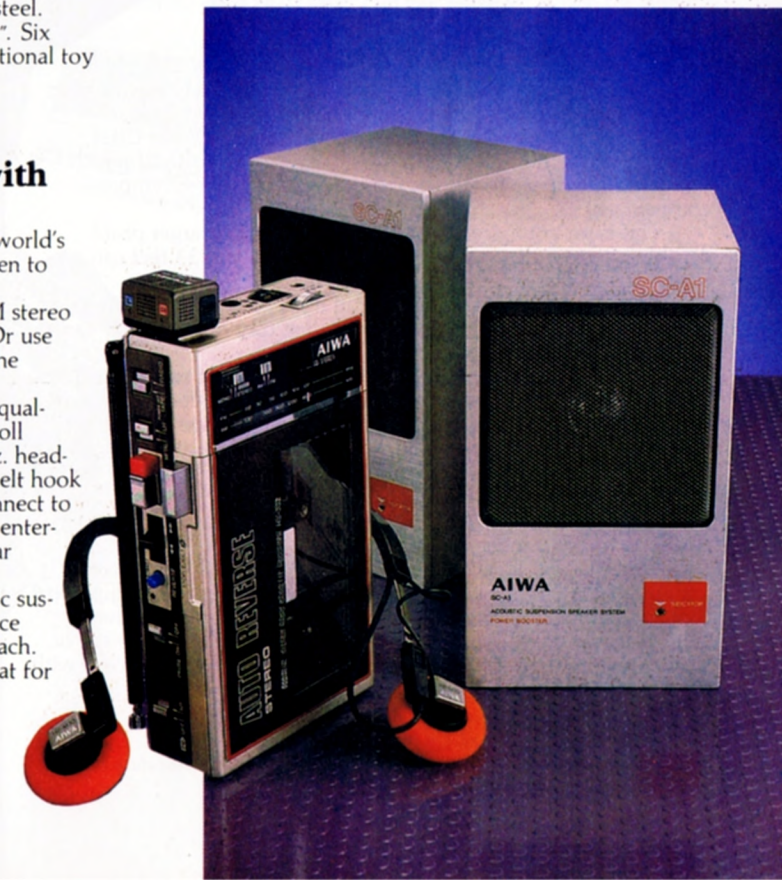
Amethysts like this sell in stores for \$20 to \$40 per carat—almost twice our price. But quantity buying enables us to pass along savings on these large, dramatic stones. Arrives loose (with display box), or mounted in solid 14K gold to wear on a chain. Comes with Certificate of Authenticity, and backed by our guarantee of satisfaction.

Unmounted Amethyst #TH756 \$135 (5.50).
14K Gold Mounted Amethyst #TH757 \$175 (5.50).

ORDER TOLL-FREE, 7 DAYS A WEEK.

800 344-4444

In Alaska and Hawaii 800 227-3826
Canadian/overseas orders 415 788-4747





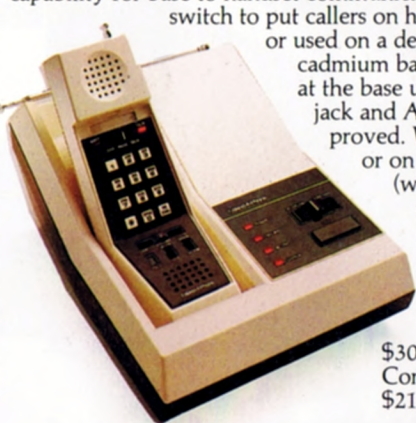
The cordless speakerphone. On sale.

The Extend-A-Phone 5000 has most of the features of the 4000 model (page 7)—with one striking difference.

The 5000 has a full duplex speakerphone built into the remote handset, rather than the base. Which means you can have hands-free speakerphone conversations anywhere within a 700 foot radius.

Just flick the handset's switch from NORMAL to SPEAKER and place on any surface (a platform slides out of the body to prop the phone up). Then enjoy crisp, clear conversations without needing to hold it to your ear. Powerful speaker and condenser microphone allow all in a room (or around the pool) to join in the conversation. Perfect for hands-free desktop work.

To use as a conventional handset-to-ear cordless, just flick the switch back to NORMAL. The graceful, angled design fits your head comfortably. And its cordless sound quality is the match of any phone on the market. Features a sliding volume control, automatic redialing to help you through busy signals, and two-way intercom capability for base to handset communication. There's even a MUTE switch to put callers on hold. Can be wall mounted or used on a desk. The handset's nickel cadmium batteries recharge overnight at the base unit. Plugs into your phone jack and AC outlet. FCC and UL approved. Works on single line phone or on multi-line office phones (with the optional Multi-Line adapter on page 16). One year warranty from Extend-A-Phone—world's largest manufacturer of quality cordless phones.



Order yours now and save \$30 off our \$249 price. Cordless Speakerphone #EX661 \$219 (4.50).

One lever stroke brings to full power.



Powerline 777. America's first Olympic class air pistol.

For many of us, the fun of target shooting with Daisy air rifles (like the famous Red Ryder™) was a part of growing up.

And now Daisy has produced America's first World Class Olympic air pistol. Powerline 777 is engineered to official match standards (like those for the proposed 1984 Summer Olympics competition).

This is no youngster's toy, but rather an adult target pistol capable of astounding accuracy. In fact, accuracy at 33 feet can actually exceed that of a .22 caliber firearm.

And Powerline is so quiet you can even practice inside your home or apartment! Simply place modeling clay or an inch of cardboard behind your target to catch the pellets.

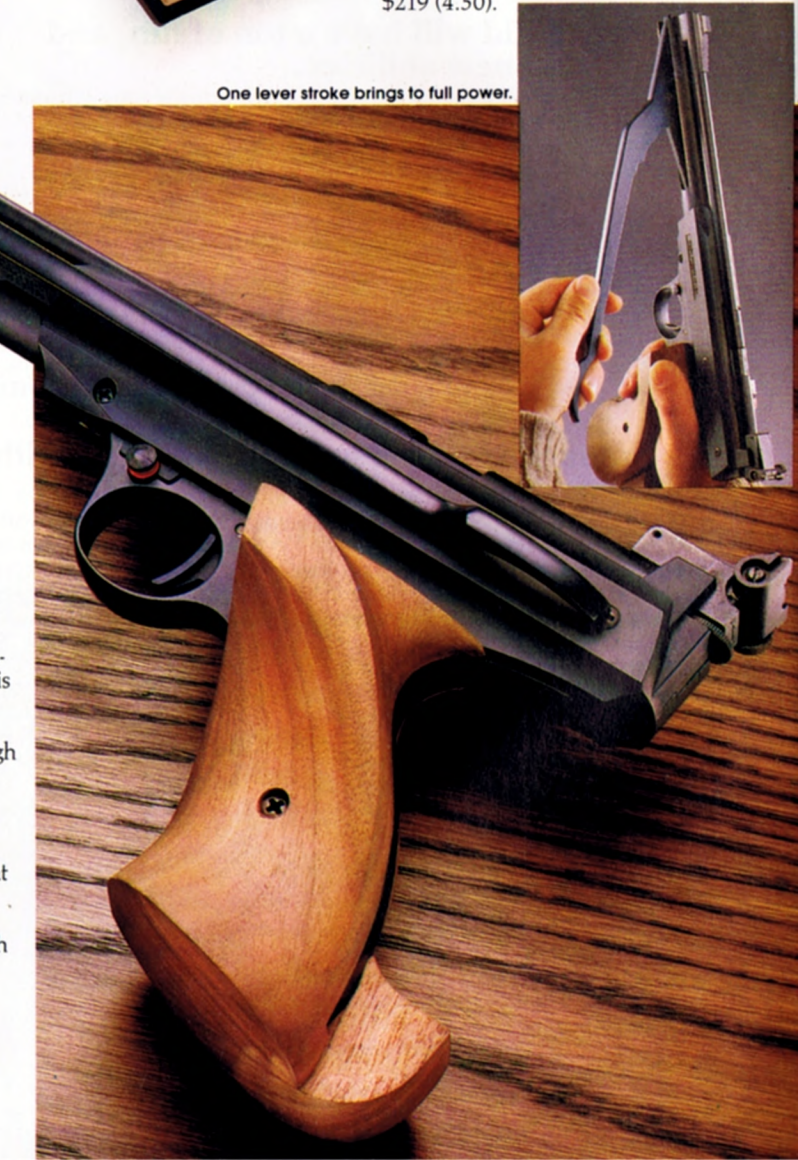
Powerline has all the looks and performance of expensive European imports—at one third the cost. The barrel is rifled steel. Body is die cast metal and the grip is oversized walnut (can be sanded to fit the exact contours of your hand). Trigger weight is adjustable to 3 lbs. Sights feature precise micrometer adjustment. Pistol goes through four inspections and individual test firings.

Muzzle velocity is 360 feet per second. Yet Powerline has virtually no recoil. Shoots .177 caliber pellets (not BBs).

This is an adult pistol that should be treated with respect and caution. Length is 13½". Weighs 3.1 lbs. Comes with cleaning kit, adjustment tool and 250 pellets (more available at any sporting goods store). One year warranty. Expert shooters have called it a masterpiece of quality and accuracy. Experience the exhilarating fun yourself—with the security of our 30 day return privilege. Specify right or left handed grips.

Daisy Powerline Pistol #DI807 \$199 (3.50).

Sale of air pistols may be subject to state and local ordinances. Please check with local authorities before ordering.



High performance pillows.

Every detail found on the original BMW 320i and Porsche 930 Turbo has been carefully preserved in these soft sculptures: taillights, grills, hubcaps (the wheels actually turn)—even the tire tread. Poly/cotton body makes a cushy headrest. 16" x 8" x 8". Park them anywhere, home or car. Sticker price: \$39. Blue BMW Pillow #TO464; Red Porsche Pillow #TO339 \$39 (2.50) each.



Most elegant seating.

The traditional New Orleans park bench has now been richly re-created in solid brass and hardwood. A faithful reproduction of the romantic past, over 100 of its 130 pounds are brass alone. Intricate cast scrollwork on sides frame a roomy seat, comprised of 12 gently contoured hardwood slats.

This lifesize collectible is 49" long, 31" high and assembles in just 20 minutes. Available in solid brass and walnut finish as shown, or with black cast iron.

Indoors or out, either design would make an exciting addition to your home or office. Brass Park Bench #DN676 \$595 (45.00). Cast Iron Park Bench #DN677 \$175 (45.00).



Desktop clock monitors every beat of your heart.

This newest pulse rate monitor is also one of the lightest and most compact. And the only one with a quartz clock built in. Designed for desktop, nightstand or pocket, it lies flat or stands up using the fold-out arm. Or slips in your shirt pocket to monitor pulse anywhere—even during vigorous physical activity.

Simply place thumbs on the two sensor pads and 2 seconds later you see (and hear) your heart rate. The Executive works on the same principle as a hospital electrocardiograph (EKG). Electrical impulses from your thumbs are interpreted by a sophisticated microcomputer which displays your pulse rate in extra large crisp LCD digits—along with an audible electronic beep at each heartbeat. Accuracy is strictly calibrated to ±3%.

Touch the clock button and AM/PM time is displayed—with accuracy of ±15 seconds per month. Both time and heart readings shut off automatically after 25 seconds to ensure literally thousands of readings from the two lithium batteries (included).

With the Executive you'll see how psychological stress, caffeine, cigarettes and alcohol effect your heart rate. And you'll also see dramatic improvement in heart rate as a result of a regular exercise program.

As thin as a pocket calculator, the Executive measures 5 x 2 x 1/8" thin and weighs a mere 3 ozs. 90 day warranty. This sophisticated monitor will sell for as much as \$150 in stores. But our price is just \$99—with the added assurance of your own 30 day home trial. Executive Pulse Monitor #BO658 \$99 (3.50).



Instant breath test.

Simply blow into the mouthpiece to check your alcohol intake: the red light indicates legal drunkenness (0.10 of alcohol in the bloodstream), yellow warns caution, green indicates safety. In tests conducted by the San Francisco Police Dept. and Eyewitness News, AlcoCheck repeatedly matched the readings of the official police Breathalyzer™. Designed in safety-conscious Sweden, where it's used by private citizens, businesses and law enforcement agencies. Weighs 4 oz. and measures 6" x 2½" x 1¼". Takes eight 1.5 volt penlight batteries. 90 day warranty. With AlcoCheck you'll know instantly whether it's safe for you—or a friend—to drive. AlcoCheck #CT569 \$78 (3.50).



Turn your bathtub into a Hydro Spa.

The latest, most expensive hot tubs and spas use high pressure whirlpool jets to provide stimulating and therapeutic water environments. They also cost at least \$2000. But now you can create this same environment in your own bathtub—without unnecessary expense or complicated installation.

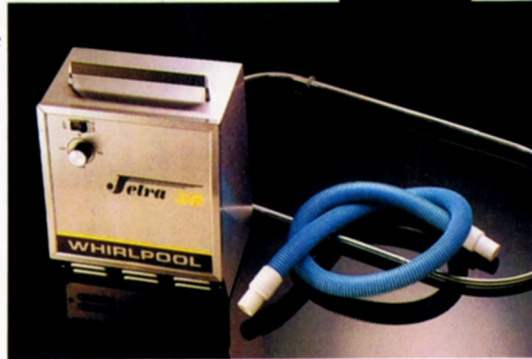
Don't confuse this new Jetra with less powerful tub-side motors. Jetra is a completely new concept in home hydro spas.

The powerful 1 hp. motor is self-contained and sits on the floor by the tub—so it's perfectly safe. No wires or electricity enter the water. A flexible hose connects Jetra to the adjustable chrome tubing that fits tightly against the perimeter of your tub. This exclusive design surrounds you with 50 jets, propelling over 200 gallons of water over your entire body, every minute.

Used extensively in locker rooms, clinics, and hospitals, Jetra is a valuable aid to the athlete. It's also wonderfully relaxing at the end of a busy day. Its invigorating massage rejuvenates and refreshes. The whirlpool bath is one of nature's most powerful therapies. Your entire family will enjoy having a private whirlpool spa in your own bathroom.

Completely portable (16 x 10"), weighs only 16 lbs. No assembly required. Plugs into any wall outlet. Comes with two speed motor drive, built in timer clock, and exceptionally strong five year warranty on parts and labor. A truly professional unit, available now for home use exclusively through The Sharper Image. Order yours today.

Jetra Hydro Spa #JE683 \$349 (12.50).



14K plumb Kote Gold™ bracelet. Guaranteed for life.

Compare this unique man's Kote Gold™ bracelet with any solid gold item—the difference is impossible to detect. Then compare the price—the difference is dramatic.

The secret is the quality of the gold alloy and the uniformity of the application. The exclusive Kote Gold™ process uses only 14K plumb gold, applied and sealed over a base of tombac—a metal alloy similar to brass but with much higher tensile strength. The lavish gold coating is guaranteed to keep its luster for a lifetime. Lifetime warranty also covers discoloration and failure of links or box locks.

Machine crafted in West Germany, measures 8½" and weighs nearly 1½ ounces. As always, you have 30 days to examine this rugged Kote Gold™ bracelet before making your final decision.

Man's Kote Gold™ Bracelet #CV573 \$149 (4.50).



Quick-draw personal stereo with remote control.

Panasonic's newest personal stereo vies for the title of world's smallest and lightest. Barely larger than the tapes it plays (4½ x 3 x 1¼"), it doesn't scrimp on features. Has anti-rolling mechanism, metal tape capacity and two headphone jacks so you can share listening.

The innovative single-cord headphones give you new freedom of movement. Unique remote On/Off switch is mounted on the cord—so you can turn the player off without fumbling with the deck controls. And the belt holster is slanted—which gives you quicker access to controls. You can whip out a tape and drop in another fast—without taking the player out of the holster. The Light Touch fast forward and rewind buttons are right out front in bold red and black. Takes 2 AA batteries (not included). One year warranty. Choose the Way for easy, one hand operation and great Panasonic sound. And enjoy it risk-free with our 30 day home trial. Panasonic Way #PA973 \$119 (3.75).



Blade of survival.

Precision ground from a solid block of rust-free vanadium stainless steel, this unusual knife was designed to withstand the brutal conditions of the sea. Yet it's equally at home in a backpack or on a kitchen cutting board. Unbreakable dual blade is honed razor sharp, the base serrated. Has a Rockwell hardness rating of 57-59. Indestructible high impact safety sheath (with spring loaded, quick release latch) may be clipped to belt or boot. 7½" (3½" blade); 5 ozs. with sheath. On land or in water—the ultimate survival tool. Survival Knife #TE363 \$39 (2.50).



Rugged rowing machine doesn't need an ocean of room.

Here's a professionally designed rowing machine for people who want to get a full-body workout at home—but who don't live in gymnasium-sized rooms.

Sit down on the padded seat, put your feet up on the non-skid rests and row away. Tension is adjusted by positioning the hydraulic cylinder high or low on the bar, and locking it in place with a simple turn of a knob. It's tremendously satisfying exercise—as you tone up your stomach, hips, thighs and arms. Strengthen your heart and lungs. Increase your endurance. Build your muscles. Get rid of nervous tension. And when you're through, stand the machine up on its end in a corner or closet. The entire unit measures L55", W15", H11", and weighs just 27 pounds.

Features include a welded, all-steel tubular body, variable-tension hydraulic cylinder and chromed stroking bar and seat rail. The smooth, quiet forward/backward movement of the seat is provided by nylon rollers. The stroking bar is fitted with heavyweight, free-turning vinyl grips. The steel foot rests have non-skid surfaces and quick-release, adjustable nylon straps. You achieve full body movement without strain or friction. (90-day warranty.) Rowing is a great all-around fitness program. And here's the machine that delivers it all—in one compact package. Compact Rower #VI692 \$129 (12.50).



The new science of speed listening.

The VSC SoundPacer plays back spoken word cassettes at up to twice normal speed—by electronically skipping over the blank spaces between words and syllables. Resulting in a fast paced but normal sounding voice that is easy to understand.

Now you can take advantage of the wealth of knowledge available on cassette tapes. Investment strategy. Foreign language instruction. Motivational and how-to programs. Even full length novels. And enjoy them in half the time.

Science has shown that the brain can comfortably process verbal information at two to three times normal speed. And that comprehension actually improves at such speeds. You'll not only learn faster, you'll learn better.

Fast talk without chipmunks.

Expensive speed listening machines have been used by university research labs for years. They speed up listening time without making the talker sound like a chipmunk. Now this costly technology is available in a \$199 microcomputer controlled deck.

Choose your listening speed—up to twice as fast—by using the sliding control. Then adjust the variable pitch to restore normal voice quality. The result is a riveting, fast-paced listening experience in which the 'fast-talker' retains his normal voice.

You can also plug other sources into SoundPacer (like a microcassette or turntable) and process the sound from them. Plays all standard audio cassettes and acts as standard recorder to make tapes of your own. Takes 4 C batteries and comes with AC adaptor. Measures 6 x 10 x 2". Weighs 2½ ozs. Fits in a briefcase. 90 day warranty.

Order now and enjoy speed listening for 30 days with no risk. SoundPacer #VS828 \$199 (4.50).



Sliding speed control lets you increase pace gradually. But most people are immediately comfortable at double speed. That's because normal speech rates are so slow they actually hinder comprehension.

From Israel, the ballistic jacket for maximum protection.

This bullet-resistant jacket combines action sportswear design with modern ballistic fiber.

The bulletproof inserts are virtually undetectable. Outer fabric is a sturdy polyester/cotton blend. Cropped shoulders and slash pockets are highlighted by grosgrain trim, while its deep-pleated back and elastic cuffs and waist provide comfort and easy movement. Jacket is fully lined.

The bulletproof Dupont Kevlar® inserts have five times the strength of steel, yet are flexible and lightweight. The jacket weighs only 4 lbs, yet it can stop pistol fire up to a .45 automatic. Three Kevlar panels (two in front and one in back) slide out of zippered compartments for easy dry cleaning of the outer garment. Panels overlap to prevent bullet entry at the zipper. You can also wear the jacket without the inserts.

Made in Israel by EMGO Ltd—the official supplier of bulletproof vests to the Israeli Armed Forces. Jacket conforms to tough Israeli standards, with 11 layers of Kevlar per panel. Available in beige or black. Please specify men's sizes S, M, L, XL. Now travel through a hazardous world with this handsome and useful jacket. Beige EMGO Jacket #EM808BG \$295 (4.50). Black EMGO Jacket #EM808BK \$295 (4.50).



Vest pocket swords.

Every executive needs a good pocket knife. And you won't find any more versatile—or more handsome—than these. The 1¼" blades are chiseled from virtually indestructible 440 stainless steel, achieving a Rockwell hardness of 56–58. And they lock open until you release them, a critical safety feature. 2" handles tuck away easily into any pocket, backpack, or glove box.

Choose between rich handcarved sandalwood trimmed with solid brass casing (right), or all stainless studded with three circular brass inlays (left). Only 1½ ozs. A very sharp executive gift. Sandalwood Pocket Knife #VA480, Stainless Pocket Knife #VA479 \$18 (2.50) each.



Brass ducks for your hearth.

You've seen this fireplace set before—but never for this price. The gleaming brass is functional and decorative. Its good looks date back to 18th century Flemish and English households, where the "duck motif" first became popular.

Iron-tipped poker, sturdy tongs, shovel and broom (of solid tubular brass) keep your fire going and your hearth free of ashes. Solid brass footed base is decorated with a cross sunburst, measures 5 x 9". The stand is 31" high. All four tools and the stand are topped with a solid brass duck's head. The set weighs 13 lbs.

For beauty and utility, this fire set is a true bargain. Duck's Head Fire Set #GT953 \$95 (6.50).

Pedal your way to fitness.

Indoor bicycling isn't just for your legs. It tones stomach, hips, buttocks, thighs, strengthens heart and lungs, improves endurance and relieves nervous tension. Regular, daily exercise is the key to your physical fitness program—and the Flywheel Exerciser is there when you want it, to use whenever you have the time or inclination.

The Flywheel Exerciser uses an extra efficiency flywheel instead of a wheel. While some indoor bikes are noisy, the Flywheel is super quiet. Pedaling is smoother, more efficient and more enjoyable.

And it saves space. The flywheel itself is ¼ the size of conventional indoor bike wheels. Handlebar and seat remove instantly for convenient storage in the smallest closet (weighs less too: 35 lbs). Perfect for apartment dwellers. Features include variable tension control (adjust for a mild or vigorous

workout), an accurate speedometer, 15-minute alarm timer, adjustable pedal straps, instant quick lock for handlebar and seat adjustment, and a comfortably padded seat. Indestructible all-steel construction. Comes with 90 day warranty. Assembles with simple hand tools.

Pedal a brisk 10 minutes each day with the Flywheel to look and feel better. Flywheel bike #VI421 \$139 (14.50).



Speed, mileage and elapsed time are always in full view.



The entertaining cube.

Compressed into this compact six inch cube are a 24 hour alarm clock, cassette playback deck and 5 bands of radio entertainment. You'll enjoy crisp FM or AM reception, government weatherband broadcasts or television sound bands 1 and 2. Or simply slip a cassette into the top loading playback deck. Wake to radio, alarm tone or your favorite cassette. Or program the cube for go-to-sleep music, followed by automatic shut-off.

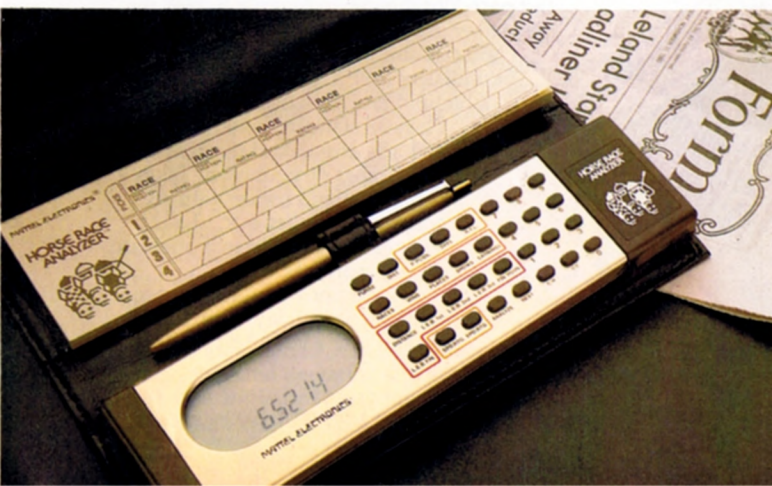
Also features Touch Sensor snooze bar for 9 minutes of extra sleep with repeats. The alarm tone volume is fully adjustable. Radio tuning dial is illuminated. No protruding antenna necessary for FM reception.

The Cube's sound is superlative for a unit this size, producing resonant bass through its compact 3" side-mounted speaker. UL listed. Plugs in—no batteries needed. Measures 6 x 6 x 6". 90 day warranty. Randix Cube #RX669 \$89 (4.50).



Computer science joins you at the race track.

Now, thanks to the latest microcomputer technology, there really is a better way to call a horse race. Mattel Horse Race Analyzer™ sifts through important data from any thoroughbred race and predicts the top 4 horses. 90% of the time one of the computer's 3 highest rated horses should finish 1st... 51% of the time the highest rated horse finishes 1st, 2nd or 3rd... 22% of the time the highest rated horse finishes 1st. (Results by Nationwide Consumer Testing, an independent testing company.) This handheld computer asks you questions in plain English about past performance of the horses. Just punch in Daily Racing Form® facts and see a complete prediction of race outcome in moments. Takes one 9 volt battery, includes leather-like case and 90 day warranty. Allow 6 weeks delivery. Horse Race Analyzer #MA615 \$69 (3.50).



Night and day burglar protection for under \$300.

Perim-A-Tron™ offers you and your family around the clock protection and peace of mind. By using wireless magnetic switches attached to doors and windows, it provides protection without complicated wiring. And unlike systems that work through sound or infrared waves, a pet—or a trip at night to the bathroom—won't set off a false alarm.

Easy to install without tools (transmitters are adhesive-backed, or screw-in). Once

an intrusion occurs at a protected window or door, the small radio transmitter activates an internal alarm to alert you, and an outside siren to alert neighbors and frighten off the intruder. The alarm will sound for 10 minutes, then shut off and reset automatically for continuing protection. Even during a power failure the system will work because of its battery back-up. The long 300 foot range of the tiny transmitters can even protect detached houses or sheds. A transmitter

can also be carried as a handy panic button.

You're allowed up to 45 seconds to leave your house after setting the alarm. And up to 45 seconds to enter and deactivate Perim-A-Tron with a secret code known only to you. Code can be easily changed by you at any time.

Also has two alarm channels that make different sounds, so you'll know where the intrusion has occurred. The handsome control receiver plugs into any wall outlet and has a 6 alkaline C battery backup. Transmitters take 9 volt alkalines that last up to a year. Comes with receiver and three transmitters to mount at doors or windows. 90 day warranty. This is the most reliable, and reasonably priced home system made. And you can expand it with additional transmitters. Start protecting your home and family now, with this day and night intrusion system. Perim-A-Tron with 3 transmitters and horn #UN958 \$275 (5.50). Additional transmitters #UN985 \$35 (1.75).





From Switzerland. The world's thinnest diving watch.

The traditional diving watch is very thick. And often preferred even by non-divers because of its remarkable sturdiness.

But now Dugena of Switzerland has engineered a deep water watch that's only 8.5 mm thin. It's the thinnest in the world, but still rugged enough to take diving punishment.

Hand assembled by Swiss craftsmen, each Poseidon is taken deep under water for individual testing at 12 atmospheres. Guaranteed waterproof down to 100 meters. Even the handsome black leather band is a specially sealed Nautic™ leather impervious to salt-water. The tightly sealed mineral glass crystal

is "luminized" so you can better see the large illuminated time indicators at darker depths. Inside minute dial with diving and sailing scale, protected against unintentional adjusting. Special black-coated steel case is strong, yet light. Poseidon weighs only 2 ounces. Two adjustment buttons lock-down like a submarine hatch.

The Swiss quartz movement is the finest available. Accuracy to 5 seconds a month. Comes with battery and one year warranty. This remarkable Swiss triumph sells briskly in stores for well over \$500. But our price brings Swiss perfection closer to home. Poseidon Diver's Watch #AG981 \$395 (4.50).

Living Catalog
The Sharper Image on Cable TV.
See order form for times in your area.

A computer and a worldwide communications network. For the price of a computer alone.

Now there's an entire world of computerized services waiting to go to work for you. And simply by plugging this new Commodore computer into your telephone line, you can see them all displayed in color on your own TV screen.

For example: Calling up flight schedules and making your own reservations by credit card. Or getting the latest stock and commodity quotations. You can even call up your choice of twenty newspapers—or leave a message on a nationwide electronic bulletin board.

The core of this computerized telecommunications network is the Commodore VIC-20 personal computer. It sets new standards in performance, price and user-friendliness. Until now, you had to spend \$1,500 or more for phone modems, terminal, program loader, etc. But now all these components are brought together in a unique package that not only saves money on hardware, but lets you try out—and join—many different computerized data bank services.

You'll receive free memberships, and a free hour of time use on the two most popular services: CompuServe and Dow Jones. CompuServe has many different sections, including clubs, weather, news, electronic post office and shopping at home. Dow Jones provides over ten different

features, ranging from fast breaking news, to free text search to analysis of the latest corporate financial reports.

You'll also receive a reduced rate membership and free time to General VideoTex, the world's largest reference library. And a free hour of communication time with The Source, which includes education, home and leisure time, astrological forecasts, sports, science, and travel features.

Commodore, one of the most respected names in home computers, also provides a full range of programs, including personal finance and word processing (starter programs available below). Plus an exciting selection of adventure, fantasy, and space games (in stores soon).

Installation is simple. Just plug phone line into modem, modem into computer, and load the access program with the included datacassette unit (local phone numbers available in 300 cities). Everything but the phone and TV screen are included. You'll be up and operating within minutes. Comes with clear, easy to follow instructions, and ninety day warranty.

By itself, the VIC-20 is the ideal personal computer. Comes with 5K RAM, expandable to 16K. BASIC language built in. With this unique communications package, you'll receive \$200 of free subscriptions and time. Now is the time for you to plug into the growing world of telephone computer services. Even if you don't know about computers—and don't want to take the time to learn—now you can enjoy all the benefits of microcomputer telecommunications. VIC-20 Telecommunications System #CW854 \$499 (12.50).

Optional 6-cassette program series: personal finance I and II, word processing, expense calendar, loan/mortgage calculator, home inventory. #CW859 \$59 (3.50).

The depth of luster distinguishes these pearls.

Pearls are more popular than ever. Unfortunately, they're also very expensive. A uniform 24" strand of cultured pearls of this quality would sell for at least \$1200 in stores. But now you can own them for less.

Cultured pearls are grown inside an oyster, under controlled conditions. And very often, they're taken out of the water after a short 1 to 2 year duration. But these pearls were left in the oyster for several years—to produce a culture very thick and lustrous. Color is the highly desirable pink tint. The deep, lustrous surface distinguishes these as premium quality.

Length is 24 inches, and each pearl is approximately 6½ mm in diameter. Also available in 32" length with pearls 7½–8 mm in diameter (sells for up to \$1600 in stores).

Their generous size and luster make them a stunning addition to your fine jewelry collection, and a fabulous gift. A solid 14K gold clasp completes this extraordinary presentation.

Use your 30 day return privilege to comparison shop. You'll be pleasantly surprised—and someone will be delighted! 32" Cultured Pearls #NA716 \$1200 (7.50). 24" Cultured Pearls #NA848 \$775 (6.50).



Solid brass and oak, at your service.

Our pick as the truly exclusive wardrobe organizer is this hand cast brass and solid American Oak valet. Its exceptional detail includes intricately ornamented brass legs and graceful scroll-style supports. Oversized oak coat rack and trouser-tie bar insures that your fine garments will retain their beauty. There's even a brass tray for keys and coins. 4½' tall, 15 lbs. For office or bedroom; assembles in minutes. At \$129, it's an impressive investment. Brass and Oak Valet #GT770 \$129 (6.50).

The Complete Personal Stereo System.

Now you can make live, professional sounding, stereo recordings with unbelievable sound separation using Technidyne's two external studio-type microphones. Each has 6 feet of cable for true stereo separation.

Or if you prefer, use its built-in condenser microphone instead—for unobtrusive recording of business meetings and dictation. Also comes with pop-in FM tuner cartridge to alternate with your pre-recorded cassette tapes. And a handsome silver padded shoulder bag to protect and carry it all.

This advanced model delivers all the punch of an expensive hi-fi. Frequency response is 40 to 12,000 cycles—a range unsurpassed by portable tape players of any size. And this new Technidyne accepts metal tape, for even higher quality sound. The stabilized tape mechanism minimizes wow and flutter while jogging or skiing. Measures 5½ × 3½ × 1½". Weighs 19 ozs.

The super light 3 oz headphones are collapsible, for convenient storage. Comes with full instructions and 90 day warranty. Requires 4 AA batteries. This unique, new Technidyne stereo is the most comprehensive personal stereo system available. Please order early to make sure of receiving yours.

Technidyne Deluxe Stereo #TY836 \$139.95 (4.50).



Sony's undercover microcassette recorder.

This shirt pocket Sony is the smallest, most concealable microcassette recorder we've ever seen. Not much bigger than a deck of cards, it records clearly even when out of sight in a coat pocket.

It has two recording speeds (2.4 or 1.2 cm) for up to 1 hour on a single side of a standard microcassette. The dual purpose LED monitors the recording level and indicates when the unit is on.

Features one-button recording, automatic shut-off, rewind, fast forward and volume control. The highly sensitive built-in microphone adjusts automatically. Measures 4¼ × 2¼ × ¾" thin and weighs only 7 ozs. Comes with two AA batteries and carry strap. One year warranty.

Count on Sony quality for taping business conversations, lectures or sales meetings. Or just to preserve your great ideas. Sony Microcassette #SY578 \$99 (3.50).



Powerful, deep serious massage.

Panasonic introduces an electronic massage system engineered to soothe and deeply stimulate every part of your body. Single-handedly.

New Panablator II combines a powerful motor, convenient oversized handle, and heavy duty housing all in one handheld instrument. With two specially designed surfaces—a contoured head for soft massaging over broad areas, and a harder ribbed perimeter for more concentrated action. Variable speeds let you adjust intensity (from a penetrating 5,000 rpm to a purring 7,000). 13" unit reaches places most vibrators can't—like those tight muscles in your shoulders and back. Quiet, reliable AC operation. Only 26 ozs. Year warranty, instructions.

Try it out—your body will be impressed. Panablator II #PA473 \$45 (4.50).



Carry big binocular performance in your smallest pocket.

Tasco Voyager II Mini Binoculars (below) are the most powerful palm sized binoculars we've tested. Folded they're 3½ × 2 × 1"—the size of a deck of cards. Weight is only 6 ounces. Yet they deliver performance equal to instruments five times their size. Magnification and crispness are virtually identical to the same size \$465 Leitz Trinovids. The fully coated 21 mm lens with roof prism gives bright, sharp 8X magnification, even in dim light.

Rugged, rubberized 10X binocs.

Only slightly larger than the Voyager, Tasco's 10X

Armoured Mini Binoculars (above left) have a thick rubber casing to protect from rain, sea or accidental drops. Great for rugged outdoor use. Magnification is 10X with a wider 24mm field of view. Weighs 12 ozs. Folded, measures a hand-sized 4½ × 2¼ × 1½".

Both have an easy focusing center wheel, rubber eye cups and soft pouch with belt loop. Limited lifetime warranty.

Armoured Binoculars #TA815 \$119 (3.75)
Tasco Voyager II #TA667 \$99 (3.50).



The four way outdoor kitchen.

Smoke 'N Pit is the finest self-basting outdoor cooker you can buy. Its unique design allows you to smoke, roast, steam or barbecue up to 25 lbs. of meat without tending, basting or refueling. Makes cooking virtually foolproof. It's a great charcoal grill—and much more.

The difference between Smoke 'N Pit and an ordinary grill is the pan of liquid placed between the heat source and the grill. As the meat begins to cook, the juices will drop into the pan. The liquid will then turn into a vapor, rise to the top, and drop back down on the meat—continuously basting it in its own juices and the liquid in the pan. Your meat will be more juicy and tender—never overcooks, never chars meat. Makes inexpensive cuts taste better, and cuts meat shrinkage by 15%.

The Smoke 'N Stack accessory (included) doubles your cooking capacity to 50 lbs.

Built of cold rolled steel with rust proof enamel finish. 17 × 17 × 11" (Stack adds 11"). 36 lbs. Comes with cooking instructions for every kind of meat and one year warranty. Made in the U.S.A. Smoke 'N Pit #BK727 \$99 (10.50).

Cut-away illustration shows continuous basting provided by the pan—which also can be removed for direct charcoal barbecuing.

The Stack accessory doubles your maximum cooking capacity to 50 lbs. Lets you cook several foods at once.



The fifteenth century 3-piece suit.

Commissioned for the Royal Court of Spain in the 15th century, this magnificent suit of armour offered superior protection for noblemen on the field of combat. Today, its life sized presence is an elegant reminder of an era of adventure and knighthood.

Hand assembled in Spain by master craftsmen. Made entirely of steel connected by thick, adjustable leather bindings. All joints are fully movable, as is the visor.

Designs from the Royal Court are richly engraved on the armour and woven into the hip fabric. Detail work is quite good, and representative of authentic suits worn by knights or higher ranks.

The sword (included) is hand forged at Toledo, and a true working piece of steel. Blunted for safety, it hones easily. The hilt is ornate, with sculpted miniature figures and royal crests in full relief.

You can position the armour in any number of poses or adjust the arms and torso to hold the sword. It arrives fully assembled and upright, fastened to an upholstered hardwood base, and vertically secured by a sturdy wooden framework inside. The suit (exclusive of base) weighs 50 lbs—the approximate weight of the original. Stands 6'2" with base. Total weight is 75 pounds.

Needless to say, this massive suit of armour is produced in very small quantities. We offer it to the man with a deep sense of history—and the baron's pocketbook to indulge it.

Please allow 6-8 weeks for delivery. Suit of Armour #CL621 \$2,450 (55.00).



Experience the excitement and power of a space age crossbow.

The magnum force Commando is the most fantastic crossbow ever invented.

Self-cocking Commando breaks, like a shotgun, exposing two levers which engage the string and draw it back into the trigger mechanism. This greatly reduces the effort required to cock the 150 lb draw weight and ensures exact alignment—resulting in greater accuracy.

Commando's fiberglass arrow travels at speeds of up to 150 miles per hour. Effective target range is 60 yards. Cocking mechanism is solid brass for maximum strength.

And the stock extends to fit any arm length. This is the same space age crossbow featured in the James Bond film, "For Your Eyes Only," and is used by British Commandos.

Your choice of two magnum force designs.

Without straying from proven, traditional concepts, the ultra-modern "Panzer" is the same powerful design without the brass cocking mechanism. It cocks in the conventional manner (place feet on bow, pull string toward chest). Strung with 125 lbs of draw weight for comfort and superb accuracy. Effective range is nearly 60 yards.

Bows are heat-cured laminated fiberglass. Stocks are rugged anodized cast aluminum. Cocking automatically engages safety. Use the micro-adjustable front and rear sights. Or mount your choice of the deluxe 4 × 32 mm cross hair scope (shown on both models) or the trim 4 × 20 mm scope.

Both are 30" long with 25"

bow spans, and come with two fiberglass target arrows—more available in stores. Self-cocking model weighs 8 lbs. Panzer model is 6 lbs.

Built by Barnett, the world's largest crossbow maker. And built by hand. 90 day warranty. Order your choice now, and be among the first to feel the excitement and power of this remarkable instrument.

Commando Crossbow #BN858 \$399 (8.50).
Panzer Crossbow #BN733 \$229 (6.50).
Deluxe 4 × 32 mm Scope #BN734 \$69 (3.50).
4 × 20 mm Scope #BN765 \$29 (2.50).



14K Kote Gold™ neck chains: you'll swear they're solid gold.

Everything about these Kote Gold™ neck chains says that they could be solid gold: Color. Luster. Weight. Everything—except the price. The exclusive Kote Gold™ process seals a thick layer of 14K plumb gold over tombac—a base metal similar to brass but much stronger.

The result is a bond so indestructible that a jeweler can cut and solder any part exactly like solid gold. The heavy 14K plumb Kote Gold™ layer is guaranteed to keep its color and luster for a lifetime. Lifetime warranty also covers failure of links and clasps. Developed in West Germany, this exclusive process has been the subject of many news articles, and has won worldwide acclaim for its mistakable appearance of solid 14K gold.

(1) Herringbone-link 20" neck chain. A timeless design in 14K plumb Kote Gold™. Approx. 3mm wide.

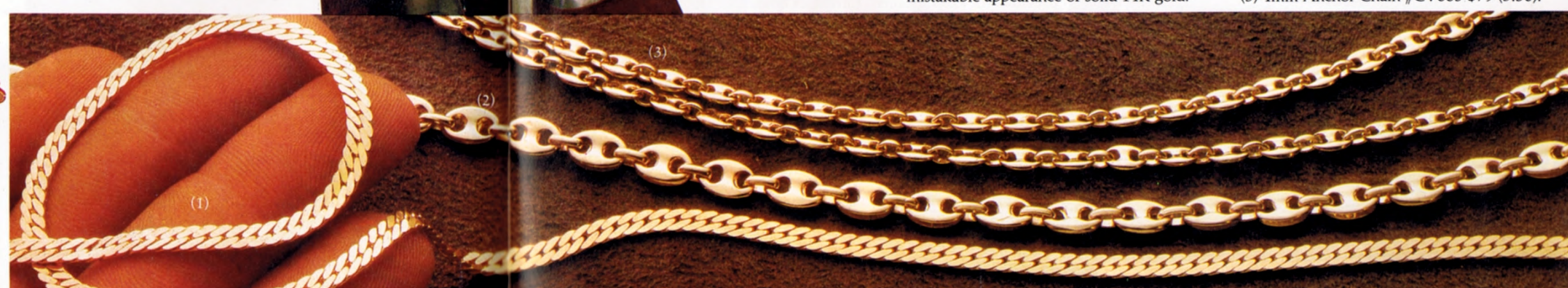
(2) Oval anchor chain-link 20" neck chain in 14K plumb Kote Gold™. If this looks exactly like the solid gold original of that very famous, very expensive Italian designer—you're right. Hand-assembled links. Approx. 6mm wide.

(3) Lighter-weight version of that famous designer's solid gold original—in 14K plumb Kote Gold™. 20" neck chain with hand-assembled links. Approx. 4mm wide.

(1) Herringbone 20" Neck Chain #CV663 \$59 (3.50)

(2) 6mm Anchor Chain #CV664 \$89 (3.50).

(3) 4mm Anchor Chain #CV665 \$79 (3.50).



The smallest, automatic phone dialer and more.

Store up to 40 frequently called numbers inside the Soft Touch Auto Dialer—a remarkable combination of portable instant dialer, Touch Tone® communicator, and telephone mouthpiece.

Dial MCI or SPRINT numbers of any length, complete with pauses and codes—thanks to Soft Touch's sophisticated stackable memory. Select memory positions by alphabet (i.e. Mary Jones = MJ) or by number.

Soft Touch also adds Touch Tone® signaling to rotary phones, giving you MCI, computer banking or credit card verification from any phone, anywhere.

Take Soft Touch wherever you travel. Its back-up lithium battery (included) preserves memory for five years. Weighs 2½ ozs. Installed, Soft Touch runs off telephone current. Works on both single and multi-line phones. You can even shut off its built-in microphone to put callers on 'hold.' 90 day warranty from Buscom, the leader in Touch Tone® technology since 1972. Soft Touch Auto Dialer #BM624 \$119 (3.50).

In 5 seconds you can simply unscrew your conventional Bell mouthpiece and replace it with Soft Touch.



Now. You don't have to buy a Mercedes to own these tools.

Some of the world's most famous auto makers agree that Heyco Plus automotive tools are the world's finest. This is why you will find Heyco Plus in Mercedes-Benz, BMW, Audi and Porsche cars.

Now these same precision-made tools from Germany are available for your car, whatever its make. Remember, there are no better tools anywhere at any price.

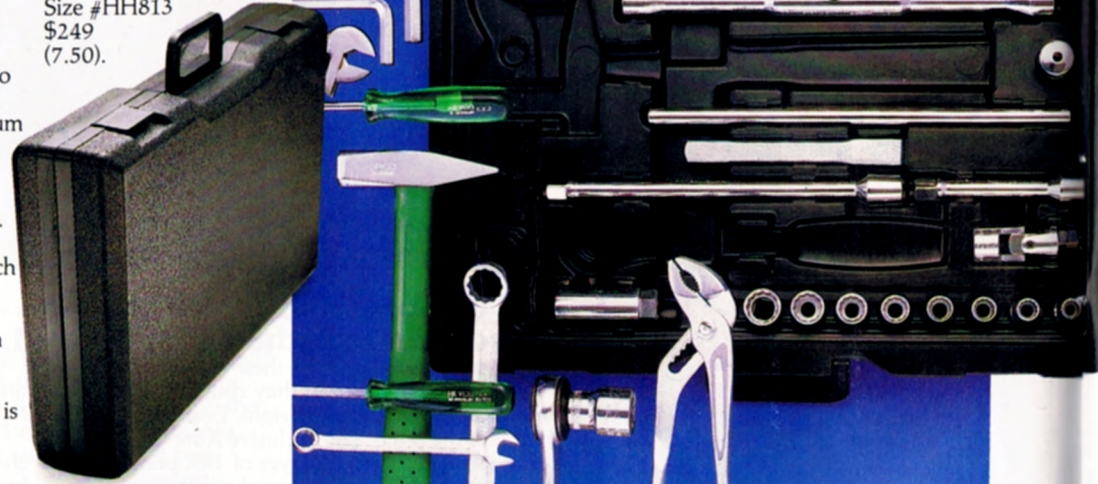
Made of super strong chrome-vanadium steel, workshop-tested to DIN 899. So durable, there's a lifetime guarantee with every kit.

Available in American or metric sizes. Included are 9 socket sets, 9 swivel wrenches, 9 combination wrenches, a lug wrench and continuity tester, plus: T-bar breaker, linesman's pliers, ratchet, 2 extender bars, water pump pliers, 5 screwdrivers, ignition feeler gauges, 6" adjustable spanner, hammer and chisel—42 tools in all.

Give your car the same attention that is lavished on the world's most respected automobiles, with Heyco Plus tools.

Heyco Tool Kit American Size #HH812 \$249 (7.50).

Heyco Tool Kit Metric Size #HH813 \$249 (7.50).



Beat the system. Copy your own cassette tapes.

Randix's two directly-linked tape decks give you superb direct stereo tape copying capability in one unit. Duplicate a favorite tape for a friend or a copy of a borrowed cassette.

Two built-in self-adjusting microphones record live events in dramatic stereo. Plus you get a sensitive tuner with AFC signal-locking to provide drift-free AM and FM stereo. High, Low and Loudness toggle switches let you tailor the sound, and inputs are provided for extra speakers, turntables or another tape recorder. A multi-function LED monitors record level, FM signal strength and battery level. Plus a tape counter, and convenient dial light. Takes 8 D batteries and comes with AC adaptor, full instructions and 90 day warranty. Measures 19 x 11 x 5". Two large 6" speakers produce big rich sound.

The Randix portable studio recorder quickly pays for itself by turning inexpensive blanks into pre-recorded music cassettes. It's like getting the high quality AM/FM stereo for free.

Randix Studio 2 #RX572 \$199 (8.50).



Voice activated microcassette frees your hands.

The slimmest and lightest unit of its type, the Aiwa Microcassette records automatically at the sound of your voice—preventing long gaps on tapes. Leaves your hands free for other tasks. And saves time when you playback.

The Sound Sensor level is fully adjustable. You can set it so background noises won't activate the recorder. Voice activation is an expensive add-on with most other makes. But Aiwa delivers this sophisticated technology in a unit slimmer than a pack of cigarettes. Weight is an amazingly light 6.5 ozs. Yet the case is sturdy metal, not plastic. Measures a pocket sized 5 x 2½ x ½".

Sound Sensor turns off for full manual

operation. Features 2 recording speeds for up to 2 hrs on one microcassette, built-in condenser mic, recording light, tape counter, fast forward and reverse with listen-in feature to quickly pinpoint recorded passages, electronic pause control, plus inputs for an extra microphone or AC adaptor (not included). 2 AA alkaline batteries give 17 hours of continuous recording. One year parts and labor warranty. Comes with microcassette carry strap and sturdy check book style holder. Now keep an exact record of legally-binding verbal contracts and business meetings. Turn commute time into productive time with this precision Aiwa microcassette.

Aiwa Microcassette Recorder #AI800 \$169 (3.75).



CELESTRON INTERNATIONAL

CELESTRON 8 TELESCOPE PHOTO M42 - ORION NEBULA

This beautifully resolved time exposure of the distant Orion Nebula was taken through the C8.

Deep space explorer.

If the Celestron C8 were a conventional reflector telescope, its optical tube would have to be over seven feet long to produce the same remarkable image. Yet the C8 is only 17" in length.

Compared to the Tasco Reflector on page 37, Celestron provides four times the light gathering ability. This superior light gathering ability (700 times the ability of the human eye!) is the most critical factor in astronomical observation, and is infinitely more important than magnification power. For example, with a conventional reflector you can see Saturn's ring. With the Celestron, you can distinguish the major divisions, and the distinct rosy color of the innermost ring. Chances are, you'll also see at least two cloud belts on the planet's surface and six of the moons! (See photo above, taken with the C8.)

And the superior quality of the Celestron's optics render even sharper detail. Computer ground lenses and mirrors are hand matched by expert opticians. Plus the optical tube is closed (a Celestron exclusive) to allow freedom from internal air turbulence—a major cause of distortion. Magnification powers are 80X, 160X and 480X. 2000 mm lens has 8" aperture.

Track the stars with motor drive.

Easy to set up and use, the locked triangle tripod (professional quality, eye level) and motor driven Equatorial Wedge (included) provide image stability for serious deep sky observation. There's no image drift with the C8—because the precision electrical clock drive automatically compensates for the earth's rotation; imperceptibly moving the telescope with the changing night sky. The Deluxe Latitude Adjustor (normally a \$40 accessory) lets you easily and quickly attach Celestron and wedge to tripod—and just as easily adjust for latitude.

And don't put your Celestron away when the sun comes up. The C8 is also a professional quality super telephoto lens, with near focus capability. You can actually see the antenna of a butterfly at 25 feet or the distinct features of a friend's face at half a mile! The Star Diagonal (included) turns the image right-side-up for earthly viewing. An inexpensive T-adaptor to fit your 35mm camera is available directly from Celestron.

Total weight of the set is 56 lbs. Everything fits in the trunk, except the tripod. Rugged die-cast aluminum optical tube is 17" long and 9" wide. One year warranty. Precision made entirely in the USA, under rigorous quality controls. For those who insist on the finest.

Celestron Telescope #CE804 \$1295 (25.00).



Custom foam-filled trunk (included) safely carries telescope and accessories.



Rugged die cast aluminum construction and superior Celestron optics give you a lifetime of deep space exploring.

Row and pedal your way into shape.

Dual Action bike lets you carry out an aerobic fitness program in the comfort of your home or office. Unique rowing and pedaling action (separate or combined) promotes circulation, improves muscle coordination, increases endurance and tones the entire body.

Equipped with variable tension controls for both pedaling and rowing. When used in conjunction with the odometer and speedometer with timer-alarm, it allows you to select and monitor the degree of effort, exercise pace and duration of training that's just right for you.

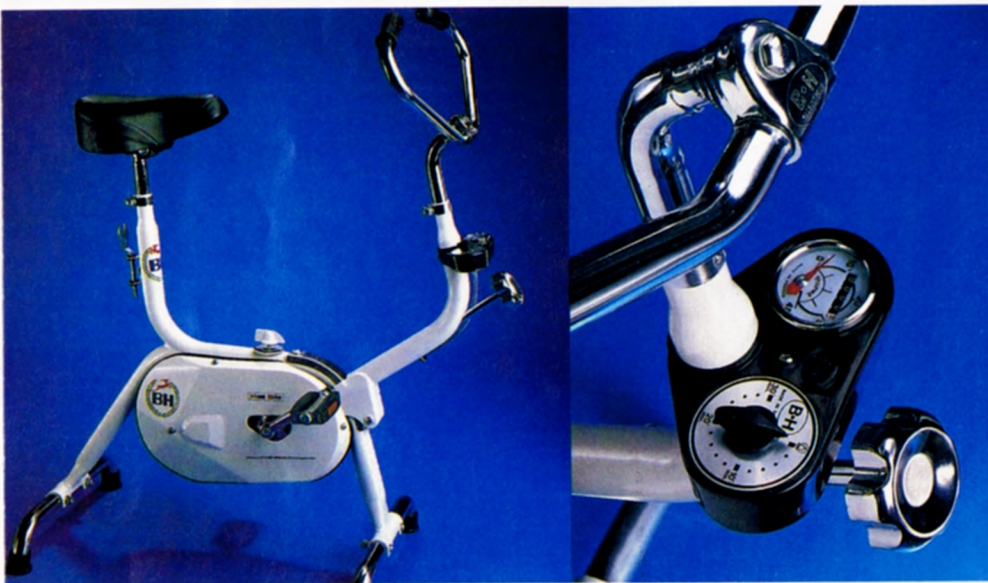
The extremely well-balanced and practically indestructible 1 3/4" tubular steel frame has sturdy arched steel stanchions. Designed to stand up to a lifetime of healthful exercise. Handlebars have comfortable fluted handgrips to complement the generously padded, oversize seat. Both are adjustable.

The efficient chain drive/flywheel assembly combines maximum strength building tension with an exceptionally smooth and silent pedaling motion. Adjustable pedal straps give you the exercise benefit of both the stretch and compression phases of the pedaling cycle. Non-skid rubber feet eliminate annoying lateral creep, protect floors.

A handsome 32 x 18 x 45" narrow profile design makes for easy storage when not in use. 49 lbs. Minor assembly required.

Now pedal and row your way into shape with this superb dual action exerciser.

Boat-Bike Exerciser #MB685 \$229 (19.50).



An auto vacuum that means business.

Car vacuums usually have weak suction and poor construction. But not Sanyo's new Auto Vac. Its 1/2 horsepower, 21,500 RPM motor even pulls in sand and gravel (plugs into your cigarette lighter). And the 15 1/2' cord provides extra reach. Includes two hose fittings and an attachment for inflating rafts and air mattresses—effortlessly. Reusable bin empties instantly. Virtually indestructible housing, 13 x 4 x 4 1/2", 2 lbs. Year warranty. Sanyo Car Vac #SA755 \$35 (3.75).



A doctor's scale for accurate weight loss.

Any serious weight loss program requires frequent and accurate weighing. But most home bathroom scales are notoriously inaccurate.

The Seca scale is used in doctor's offices, clinics and gyms. It meets the rigid standards set by the West German Bureau of Weights and Measures: accuracy is ± 1/2% of your total weight.

The large full vision dial is extremely easy to read—with both standard and metric gauges. All steel construction stands up under years of repeated stress. Maximum capacity is 320 lbs. The lens is virtually unbreakable and scratchproof; the mat is slip-proof. Completely mechanical movement is the world's best and requires no batteries ever. Measures 17 x 12" and weighs 10 lbs.

Made in Germany and warranted for 3 full years. The last scale you'll ever need to buy.

Seca Doctor's Scale
#PO620 \$139
(5.50).



At last. A filing cabinet you don't have to hide in the closet.

Shop for home filing systems and you'll see lots of dull green metal cabinets and flimsy (flammable) colored cardboard boxes.

Then consider the Chairside File. A smart looking piece of furniture—even doubles as an end or occasional table. Strong enough to hold a 19" television and sturdy enough for office use too.

Inside it holds either letter sized or legal hanging folders (not included). Store your tax returns, medical records, insurance policies, product warranties—all your most important records in this spacious, attractive cabinet.

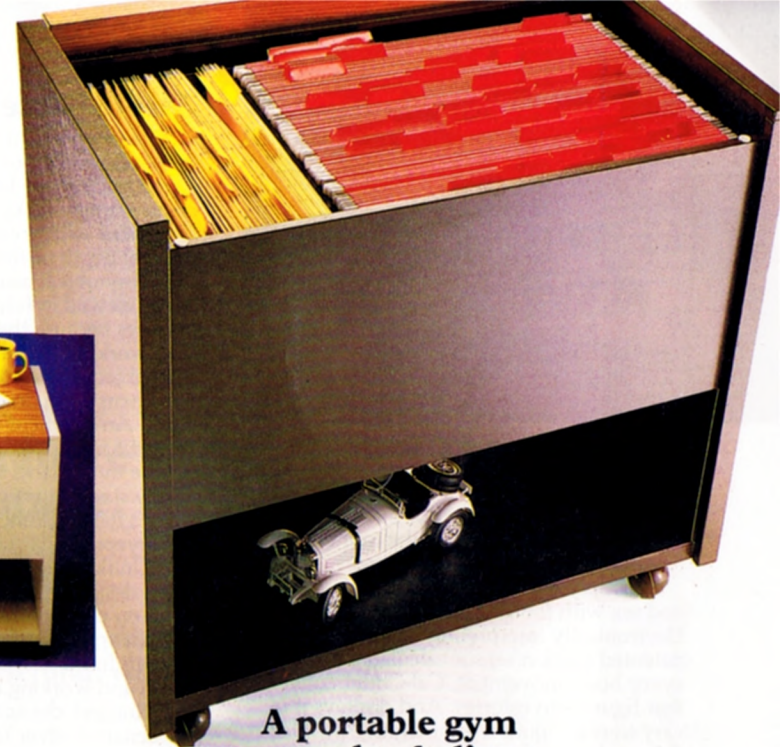
The file measures 23 x 15 x 24" and is constructed of enameled, textured steel to hide smudges and fingerprints. Comes in either a neutral almond shade or chocolate brown with an oak-look lockable security top. Easy roll casters allow mobility.

Comes fully assembled except for the screw-in casters.

We—like you—have been looking for the right file, at the right price. This is it.

Almond Chairside File #MV640A \$99.95 (14.50).

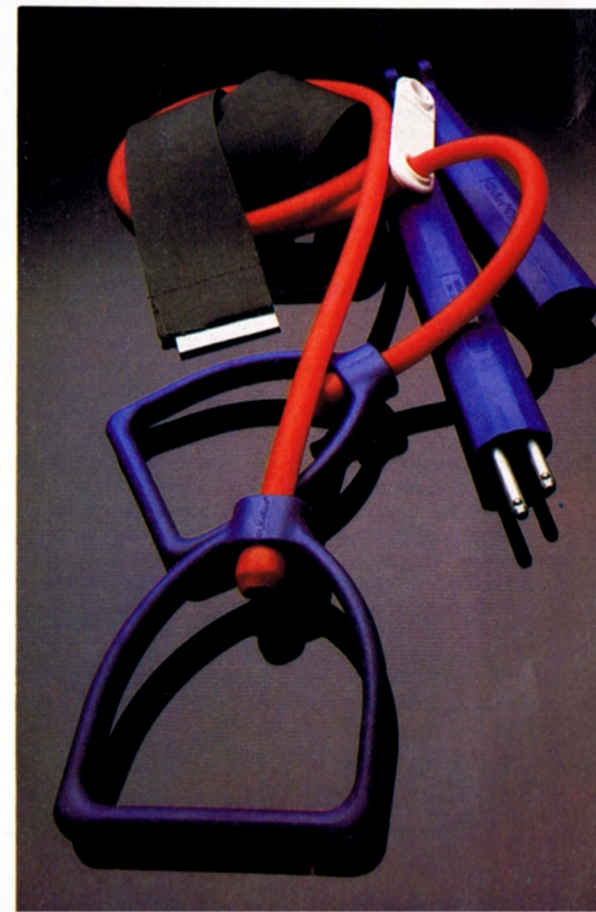
Brown Chairside File #MV640C \$99.95 (14.50).



A portable gym too good to believe.

Lifeline is a 2 lb gym that can tone and shape all the muscle groups in your body in 1/4 the time required by barbells or dead weights. The secret is *full range resistance* (isokinetics) supplied by its indestructible design that instantly adjusts from 3 lbs to 350 lbs of resistance (illustrated exercise booklet tells you how to move from one exercise to another instantly). Endorsed by exercise physiologists and used by the Philadelphia Eagles and Kansas City Chiefs football teams. Lifting bar is 27", breaks down in middle with stainless steel locking pins. Comes neatly packed in its own carry case or fits in an attache. For increasing strength or shaping figures, Lifeline is the best portable professional gym. Includes professional jump rope.

Lifeline Gym #LF469 \$34.95 (3.50).



An ear to the whole world.

Over 100 world wide stations have English language broadcasts. And with General Electric's new World Monitor II you need no outside antenna or technical expertise for good reception. Instantly, you become a world citizen. Ready to appreciate diverse cultures. Whether it's the latest pop music from Radio Brazil, or live cultural programming directly from the BBC in London.

As faraway events intrude forcefully into our lives, World Monitor II keeps you informed in a way no other medium can. During the recent Falklands war, world wide short wave radio provided both sides of the story—directly from BBC and Radio Argentina. And both in English. Many stations (like BBC and Radio Moscow) broadcast all day in English. Scores of others maintain daily English broadcasts.

New World Monitor II has all the latest refinements. A double superheterodyne circuit filters the signal twice for better clarity. The bright digital frequency display shows exact frequencies to 5 digits—essential for precise tuning. SW calibrator and RF control minimizes station drift. And voltage switches for 120 or 220V use. Also picks up ham and CB bands. Plus delivers crisp FM and AM reception. Cabinet top features time zone map. Carry strap included. Runs off 6 D batteries (not included) and comes with AC adapter. 14 x 11 x 6". Weighs 3 1/2 lbs. Since all short wave signals are affected by daytime sun conditions, listen after dark for best reception. Order now and get a world full of fascinating information. World Monitor II #GE835 \$229 (5.50).



Solid oak space saving desk.

Crafted from solid oak, this extremely compact writing desk is laboriously hand rubbed to yield a beautiful, natural finish. Clean, modern styling and ultra-compact design (40" high, 24" across and 12" deep when closed) squeezes this organizational wonder into the tightest spaces. When open, the sturdy drop leaf provides an ample 24 x 24" writing surface, with four spacious storage compartments and removable shelves.

Constructed by hand in the USA, with the finest smooth action hinges and leaf supports. Warranted for one year.

Allow three weeks for delivery. This private work space is a unique combination of looks, function, quality and price.

Oak Desk #SP689 \$175 (19.50).





A computer for losing weight.

Clipped to your belt or in a pocket, this new electronic genius tells the number of calories your body actually burns.

Simply enter your age, height, weight and sex with the touch of a few buttons. Electronically interpreting this data, while its patented motion sensor calculates each and every body movement, Cal-Count converts that figure into calories. And displays it in easy-to-read liquid crystal digits. You'll learn the precise number of calories worked off during any given activity, plus the total daily number (even counts calories burned during sleep).

Cal-Count also rates (on a scale of 0-9) the quality of your exercises, as you do them. Alternately displaying the number with your accumulated calorie use—and reinforcing activities most beneficial in shedding pounds. Instantly reprogrammable, so anyone can use it. Includes two year warranty and long life battery. 3/4" x 2" x 3". Cal-Count #CC233 \$69 (2.50).

Triple power stereo microscope.

Here's an exciting and valuable tool for the serious collector or student. Tasco's stereo microscope lets you examine gems, coins, stamps, rocks, microcircuits or natural specimens with greatly heightened detail and magical depth of field.

Any object assumes vivid new reality when viewed in full 3D. And it's easier on the eyes because there's no squinting. The long working distance between the lenses and subject gives you room to dissect specimens or to do delicate micro-assembly work. An excellent tool for model makers. Perfect for spotting delicate print overs or double mint marks that transform ordinary stamps or coins into valuable collector's items. Comes with 15X, 30X and 45X eyepieces.

Unlike other instruments in its class, Tasco designers have placed equal importance on user comfort: focusing adjustments are rack and pinion geared and eye lenses infinitely adjust to individual eye width and working distance.

Rugged, die-cast aluminum frame, hard enamel silver finish, stable low-center-of-gravity design and non-skid rubber base are of highest quality. And it's packed in a full color gift box.

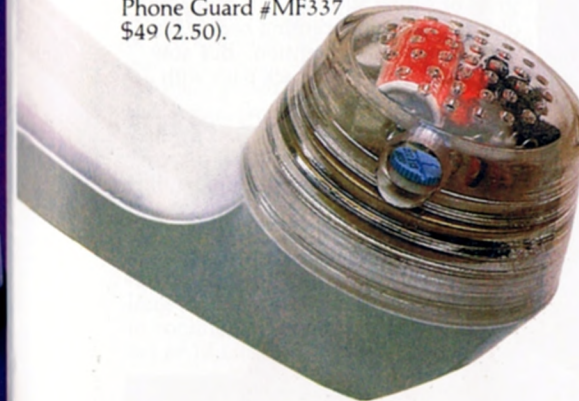
7 1/2" high, weighs only 1 1/4 lbs. Comes equipped with translucent ground glass stage, centering cross hair, and chromed spring-steel stage clips. Backed by Tasco's unique lifetime warranty. Tasco Stereo Microscope #TA814 \$129 (3.50).



When you're talking, who's listening?

If you hired a detective agency to find a tap on your phone, that one time operation would cost about \$300. But now, thanks to a patented breakthrough in microcircuit technology, you can guard the privacy of your calls forever. For a mere \$49.

Phone Guard replaces the mouthpiece of most Bell telephones. No wire to connect, no clumsy boxes to install. And it never interferes with normal phone operation. Its red light alerts you to outside taps, eavesdropping hotel or company operators, even when a home extension is lifted. Fits in your pocket, use it at home, office or wherever you travel. Weighs 2.7 oz., battery and 90 day warranty included. Get Phone Guard, and keep your private calls private. Phone Guard #MF337 \$49 (2.50).



The reversible entertainment center.

Panasonic Bisider is the world's first reversible entertainment center. On one side is a sharp 4" black and white television. Flip the television side down and Bisider becomes a sleek, FM/AM clock radio with 24 hour alarm.

It's a great space saving idea—and ideal for offices where a television set would appear unbusinesslike.

On your nightstand, Bisider is the ultimate alarm clock—since it wakes you with either a penetrating electronic alarm, FM or AM radio—or your favorite morning television show. You can even program the 24 hour alarm to turn the tv on automatically at any time of day or night—so you'll never miss an important program.

TV features an extremely sharp picture,

electronic varactor tuning (eliminates mechanical tuner breakdowns) and 5-second Quick-On picture (consumes no extra electricity while set is off).

The radio has a surprisingly resonant 3 1/4" speaker and the clock's large LED digits are bright enough to be read across a room (may also be dimmed at your discretion).

Bisider has no protruding antenna, so it's ideal for bookshelves or other tight spaces. A single internal antenna pulls in UHF and VHF TV, plus FM and AM. Comes with earphone for private listening. Measures 8 1/2" x 8 1/2" x 5" and weighs 6 1/2 lbs. Plugs into wall outlet; no batteries needed. One year warranty from Panasonic. A great value and space saver for a modest \$229.

Bisider #PA723 \$229 (6.50).



Living Catalog

The Sharper Image on Cable TV. See order form for times in your area.



Newest, sleekest home phone genius.

The Webcor ZIP 757 puts you in touch with the rest of the world without all that dialing, re-dialing, or waiting on the line. It does all this, and more, at a price far below other multi-function phones.

A memory dialer lets you store 16 frequently called numbers (up to 16-digits each) with a simple letter or number code. A switchable outpulse or true tone dialing feature gives you access to those long-distance economy services like MCI or SPRINT. A one-button automatic re-dial function will keep trying the last number dialed once per minute for 15 minutes—while a basemounted speaker lets you hear when your party comes on the line—without lifting the phone. This hands-free communications system also has a hold button, mute switch and on/off ringing switch for complete privacy.

Easily installs by plugging into modular phone jack and AC outlet. Full instructions and 90-day warranty.

Webcor quality has been proven by tens of thousands of our customers. And Webcor costs no more than an ordinary high styled phone—you'll feel like you're getting these amazing features for free. Webcor ZIP Phone #WE694 \$139 (4.50).



Park the world's finest classics in your office.

Ferrari built only 34 Testa Rossas. And this 1/18 scale metal replica (front) may be the closest anyone can come to owning one. Detail work is remarkably intricate, with spoke wheels, doors that open, decals, complete dash and lustrous red

enamel finish. Trunk opens to reveal a spare. Hood lifts to reveal fully detailed engine. 10" long, weighs 10 ozs.

For classic enthusiasts of a different era: consider the blue Type 59 Bugatti (1934), and the distinguished white Mercedes Benz SSKL (1931). Both are rendered in exact detail with functioning hoods, engines and removable spares. 10" long, 10 ozs.

Functioning steering linkages actually turn the front wheels. Hand assembled in Italy of diecast metal and plastic. True to life soft tires. All come fully assembled.

The perfect desktop accessories, and certain to stimulate conversation. Ferrari #BC796 \$29 (2.50).

Mercedes & Bugatti Set of Two #BC797 \$49 (3.50).



How gravity soothes an aching back.

At last, a method for relieving back pain without painful surgery, lengthy hospital stays or expensive therapies. The Gravity Guiding System exploits the force of gravity to counter many of the symptoms of aging.

Gravity relentlessly pulls us downward. In time, chin and stomach sag, skin stretches and the compressive force of upper body weight on the spinal column becomes unbearable. The result? Stooped posture, poor circulation and back pain.

But the Gravity Guiding System turns the very same force of gravity around, to restore the body to a condition of flexibility and vigor. The system was developed by Dr. Robert Martin, M.D., a specialist in orthopedic medicine.

Recommended by doctors and used in hospital clinics. The System safely and gradually tilts the body upside down, using the force of gravity to spread apart painfully compressed discs. It also provides a very enjoyable and relaxing over-all body stretch. Just a few minutes a day are sufficient.

Gravity flattens your stomach.

You can also enjoy a range of unique exercises. Horizontal balancing enhances your sense of balance and gives you a relaxing, weightless feeling. Back bends make your spine more flexible. And upside down situps are an incredibly fast and efficient method of flattening your stomach. Also strengthens your back and legs.

And you'll find the upside down position is quite invigorating. The benefits of inverted posture have been well documented since the time of Hippocrates. More recent studies at the University of Chicago have confirmed that inversion naturally stimulates you by pro-

viding more blood and oxygen to your brain.

The Boots are safe, comfortable and simple to use. A hinge at the side of each opens and then closes around the ankle. A draw pull latch secures the Boot in place. Soft, resilient rubberized foam inside gives total comfort. The padding adjusts to fit any size ankle. U-shaped hooks at the front solidly secure to the inversion bar. The ankle portions are zinc-plated for strength—just like ski boots.

The Gravity Guider (seat and bar assembly) is professional quality—sturdy and totally safe. Made of the highest



quality, heavily chromed steel. Comes pre-assembled in two parts.

Risk-free home trial.

Widely endorsed by experts in sports medicine, the System forms an integral part of the training program of professional athletes like the Boston Celtics, Baltimore Colts and Dallas Cowboys. Also provides a great pre- and post-workout stretch for runners. Comes with full instructions, programmed exercise manual, and 130 page book by Robert Martin, M.D. Unconditional three year warranty.

Heavy exercise—or just the subtle stress of sitting all day—can cramp and distort your spine, causing back aches and neck/shoulder tension. But now you can relieve your back pain with a safe and natural solution. Gravity Guiding System #GG709 \$479 (19.50).

Thickly padded ankle boots are comfortable and safe. Won't hurt feet or ankles.



1. Reversed gravity spreads apart painfully compressed discs and provides a relaxing over-all stretch.

2. You don't have to go totally upside down. Shifting your body's center of gravity controls angle and degree of stretch.

3. Inverted back bends give your spine more flexibility and tone back muscles.

4. Upside down sit ups flatten your stomach like no slant board can. Also tones leg muscles.

Start saving money and light bulbs.

Lite-Saver® is a solid state micro chip that converts alternating current (AC) to direct current (DC). Resulting in a cooler burning light bulb that lasts up to 100 times longer. So a normal bulb rated for 750 hours will burn for 75,000 hours—or 24 hours a day for 8 years! Used periodically, the same bulb may well last a lifetime.

To install, simply put self-adhesive Lite-Saver on the end of any one-way bulb and screw into socket. It replaces the harsh glare of a normal bulb with a soft, even glow—saving energy. Since the amount of light will be reduced, you may want to upgrade to a higher watt bulb. For example, based on customer preference, you'll get comparable light when you upgrade from a 100 watt bulb to a 150 watt bulb with Lite Saver. And you'll still save 10% in energy. And in those cases where you don't need a bright bulb—you'll save much more.

Bulbs also burn out because of heat, vibration and the initial surge of current into the bulb. Lite-Saver acts as a buffer against surges, lowers filament heat build up, and acts as a literal 'cushion' against vibration.

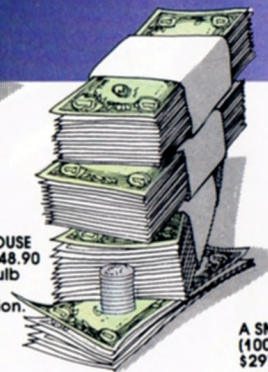
Lite-Saver saves thousands of dollars a year for major hotel and restaurant chains. For an idea of your possible yearly savings, see the chart at right. (Computations are based on 150-watt bulbs burning 12 hours a day for a year, with a bulb cost of 51 cents each. Labor costs of business conservatively estimated at \$1.02 per bulb change. Percentage energy saving represents what you'd save by using 150 watt bulbs with Lite Saver versus 100 watt bulbs without.) Comes with an unprecedented 8 year warranty. Try this set of 12 Lite-Savers risk free for 30 days.

You may be interested to know that Thomas Edison's home in Florida uses direct current lighting. No one knows how long the bulbs last there—they have been in continuous use since 1925! Set of 12 Lite-Savers #ME753 \$32 (2.50).

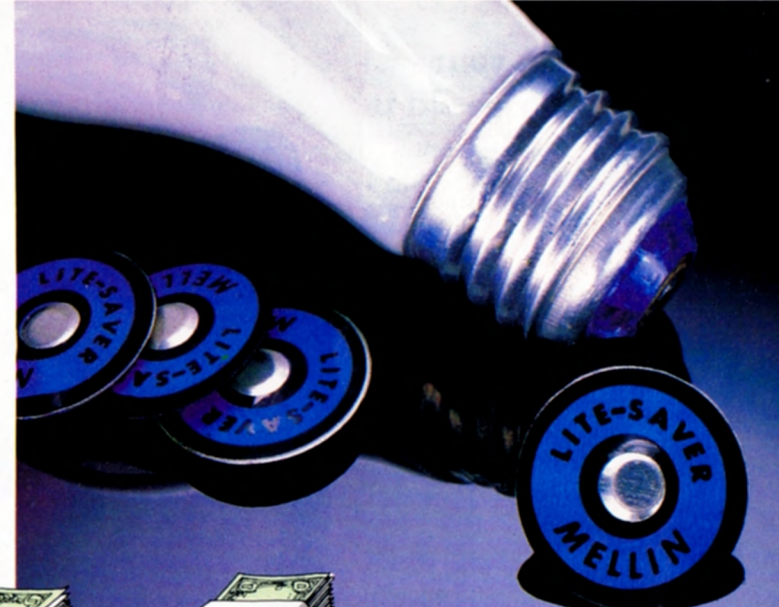
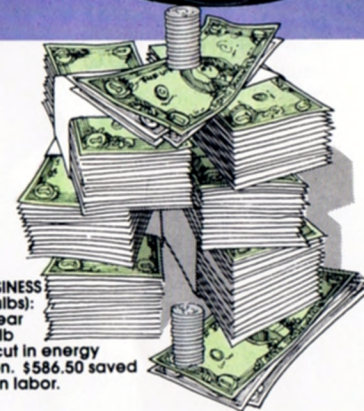
A SMALL APARTMENT (20 light bulbs): \$59.56 a year saved in bulb costs. 10% cut in energy consumption.



A MEDIUM SIZED HOUSE (50 light bulbs): \$148.90 a year saved in bulb costs. 10% cut in energy consumption.



A SMALL BUSINESS (100 light bulbs): \$297.80 a year saved in bulb costs. 10% cut in energy consumption. \$586.50 saved each year in labor.



The watch built like a space ship.

Scientists, in their quest to break the bounds of earth's gravity, created titanium, the space age metal. The titanium case and band of the Pioneer watch are 1/3 lighter and three times stronger than stainless steel. Both were carefully immersed in a liquid acid bath then chemically hardened by direct electrical current interacting with the acid and metal. Next, a steaming hot 184° non-acid solution slowly closed remaining microscopic pores in the metal. The result is the hardest, lightest, most corrosion-free metal casing known to man. The finish will resist scratches which make conventional watches look old before their time and is impervious to corrosion from sweat or sea water. The tough mineral

glass crystal is also hardened and sealed from the elements. Water tested to 132 ft.

The technology inside the Pioneer is just as sophisticated. The electronic quartz movement keeps accuracy of ±10 seconds a month. At the touch of a button, the fully automatic calendar shows the day and date in the crisp LCD display. Two different time zones can be set on the analog dial and digital display. A fast-set alarm provides wake up or appointment reminders. Comes with three year silver oxide battery and one year warranty.

The Pioneer watch is your invitation to join the space age. Pioneer Watch #PI605 \$129 (3.50)

Modern wine cooler for festive spirits.

Now you can enjoy wine chilled to the proper serving temperature no matter where you are. This attractively designed wine cooler/carrier is great for picnics, sports events, or taking wine to friends. You and your wine arrive in style.

Just remove and refrigerate the refillable coolant sleeve. Replace it and, voila! You've created a breakage-free environment for chilling 2 full size bottles of wine. Also holds a 6 pack of cans. 17 x 8 x 4". Rugged ABS outer shell.

Wine Cooler #TP641 \$40 (4.50).



High beam in your hand.

Service Spot is no bigger than a tennis ball. Yet its power is equal to a high beam headlight.

Magnetically secures to any metal surface inside or outside your car (also has adhesive pad for non-metal surfaces). Swivels on stand to provide light at precisely any angle.

Outside it gives emergency working light, or lets you check distant sign posts or hazards. Its two foot coiled cord stretches to 15 feet.

Inside, lets passengers check road maps or read magazines. Its bright light is surprisingly comfortable for reading, and won't interfere with driver's vision if used in back seat.

The quartz halogen bulb burns brighter and cooler than tungsten and has a longer life. Yet requires only 20 watts. Measures 2½" across and weighs 10½ ozs. Made in Germany, it's a coveted accessory in the finest BMW motor cars. Plugs into cigarette lighter on any American or foreign car. Made of brushed aluminum. Comes with one year total replacement warranty and carry pouch of real leather. Service Spot is the most compact and versatile auto utility lamp you can own. Service Spot #SM777 \$39 (3.50).



Tough, but helpful computer opponent.

SciSys Sensor Chess gives you the best of both worlds: beautifully crafted traditional chess players and a space age computer opponent.

LEDs on each square light up to signal the computer's moves. You move in the same fashion. Also teaches, lets you take back moves, and gives hints. Solves mate in 4 problems and has 8 levels of play from beginner to advanced.

Plus, it's the only chess computer in the world you can upgrade. The two 4K byte plug-in modules offered below increase power by 100%. The Super Hypermodern Module prefers the deceptive flank attack developed by the great masters Nimzovitch and Reti. The Super Classical Module has a deeper understanding of strategy. It won't quickly grab a vulnerable piece if such a move might interfere with ultimate strategy.

Plugs into house current. Measures 12½ × 9 × 1¼". 90 day warranty. Exclusively endorsed by the World Chess Federation. Whether you're a novice or master player, Sensor Chess is one tough, but sensitive opponent.

Sensor Chess Game #SS981 \$169 (4.50).
Two Upgrade Modules #SS986 \$59 (2.50).



Own the print projector that professionals use.

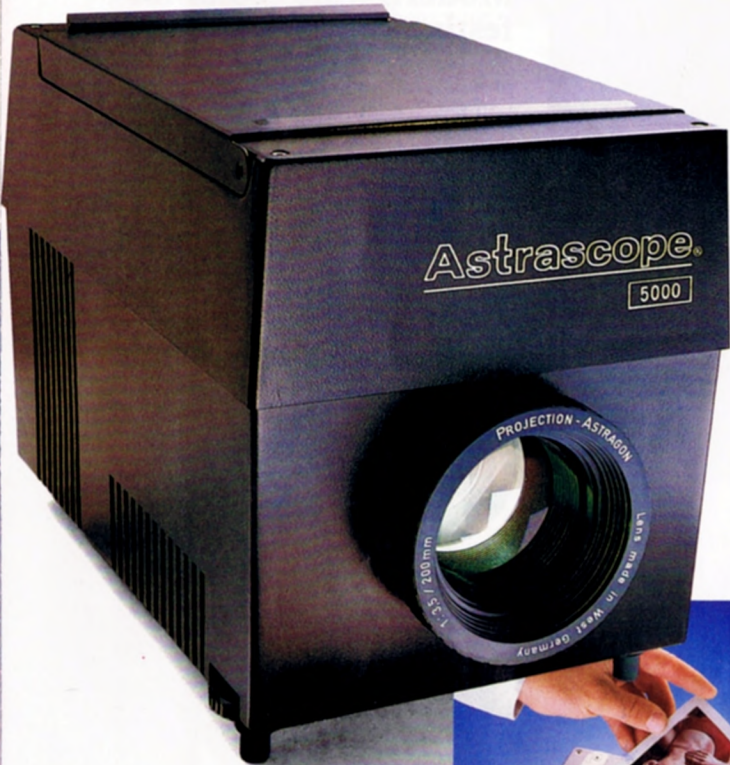
This commercial quality opaque projector provides big screen displays of photographs or printed material, in crisp black and white or fully saturated color. Because the light is undiffused—and intensified by mirrors—the projected light is actually brighter than a slide projector. Professional photographers use it to project backgrounds for portraits.

Use it at the office to project charts, graphs, and reports. When work is over the Astrascope projects snapshots, drawings, postcards, stamps, coins—everyone sees clearly without damaging the subject with constant handling. You can also turn the Astrascope upside down to scan larger printed matter.

The blower-cooled 650 watt quartz halogen bulb and the 200mm, triple coated f/3.5 Astragon lens will project any subject (up to 5½ × 5½") into a large (up to 7' × 7') picture that's razor sharp from center to edge. Levelling feet on the base of the projector make height adjustment easy. Weighs 6¼ lbs. Measures 8 × 11 × 7".

Made of heat resistant, high impact plastic. West German precision craftsmanship. One year warranty. Order the opaque projector that gives the performance of much more expensive units—at a much lower price.

Astrascope Opaque Projector #LM820 \$245 (5.50).



ITT wired the world. Now they cut the cord.

When one of the largest communications companies in the world designs a cordless phone, you know it's more than just a passing fad. This sleek phone is just what you'd expect from International Telephone and Telegraph—beautifully designed and extremely dependable. More expensive, but with unique features to justify it.

ITT is the only cordless phone with Call-On-Hold intercom. It allows the person at the base station to place an incoming call on hold, page and talk to the person with the portable handset—all while the incoming caller remains unable to hear the conversation. The outside call can then be switched over to the remote phone, or a three way conversation can ensue.

As an added conven-

ience, the intercom operates independently of the phone line—which means outside callers won't get a busy signal when you're using the intercom. Instead, a subdued ring alerts you to an incoming call. Flick a switch, and you've answered your outside call.

Works on single or multi-line phones (with the Multi-Line adapter on page 16) and features all the latest advances: range of up to 700 feet, full duplex electronics, push button dialing compatible with both Touch Tone® and rotary systems, transmitter block-out security, automatic redial, optional belt clip, Hi/Low volume control and a 90-day warranty.

Both phone and base offer exceptional contemporary styling, upholstered in a beautifully grained, leather-like material.

Call now, and order the first cordless designed to meet the rigid standards of ITT. ITT Cordless Phone #CU682 \$299 (5.50).
*Registered mark of AT&T Company.



450 times closer to the stars.

The craters of the moon, the rings of Saturn, the Andromeda galaxy—all leap into dramatic focus with the Tasco Reflector. The sharp 900mm lens brings distant objects 225 times closer. With the Barlow doubling lens—included—you can even boost power to 450X. Barrel length is 34 inches with 5¼" width.

And it's easy to use. Tasco has united two traditional mount designs—the alt-azimuth (moves north and south) and equatorial (moves east and west) in a unique combination that allows smooth maneuvering and easy adjustment. The star and moon maps from Rand McNally (included) make starfinding simple. (For even easier starfinding see the Bowl of Night, page 61.) Tasco's mount also has slow motion controls. Once you've got your object in view, adjust the scope manually—counteracting the earth's motion—to keep faraway objects in steady focus. (Also see the remarkable clock-driven Celestron telescope on page 25.) For simple moongazing, Tasco's 5 × 25 starfinder lets you easily and accurately align by sight.

Shoot the moon.

The Tasco comes with a photo tube adaptor. Its universal threader fits any camera. You also need an inexpensive T-mount, available at any photo supply store. You can be certain of beautiful clear photographs with Tasco's precision ground optics, polished mirror and color corrected lens.

Red baked-enamel aluminum tube houses 4½" primary mirror. Rack and pinion focus insures quick refocus when switching lenses. The eyepiece lenses are coated to give a sharp, wide and flat field—the H20 (45×) for first sighting, the SR4 (225×) for closer focus, and the Barlow doubling lens for maximum magnification (450×).

Weights 28 lbs. Comes with hardwood tripod (extends to 60"), accessory tray, the booklet "Key to Worlds Beyond" and Tasco's unique limited lifetime warranty.

Now you'll explore beyond the limits of your imagination with Tasco's unique new telescope that sets unrivalled standards of quality and price. Tasco Stargazer #TA799 \$349 (10.50).

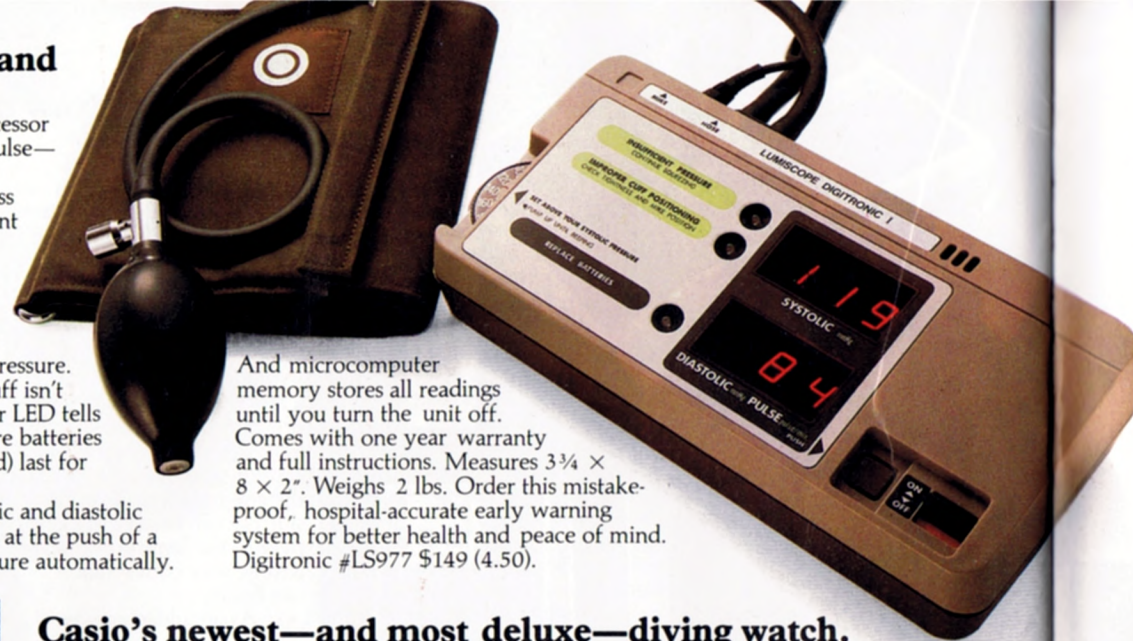


Goof-proof blood pressure and pulse monitor.

Digitronic employs solid state microprocessor technology to measure blood pressure and pulse—information that can reduce your chances of serious health problems, reinforce good fitness habits, and give graphic proof of improvement as you exercise and eat better.

While all the blood pressure monitors we offer are hospital-accurate, only Digitronic has a built-in reminder system that warns if you're taking the reading wrong. A bright LED tells you if you need more cuff pressure. Continue squeezing until it goes off. If the cuff isn't positioned on your arm exactly right, another LED tells you to move it. A third LED alerts you before batteries get too low. The 4 AA batteries (not included) last for hundreds of quick, easy readings.

Bright digital readout shows both systolic and diastolic blood pressure, and also gives you pulse rate at the push of a button. Air release valve bleeds excess pressure automatically.



And microcomputer memory stores all readings until you turn the unit off. Comes with one year warranty and full instructions. Measures 3 3/4 x 8 x 2". Weighs 2 lbs. Order this mistake-proof, hospital-accurate early warning system for better health and peace of mind. Digitronic #LS977 \$149 (4.50).

Casio's newest—and most deluxe—diving watch.

Casio's newest divers' watch provides the same submersible performance as watches costing hundreds more. Water resistance is to 200 meters—over 600 feet underwater. And what keeps it running smoothly at extreme depths will also give you years of trouble-free use on dry land. Case is stainless steel. Ribbed, oversized black band has adequate "stretch" for wet suits.

The quartz movement is accurate to 15 ± seconds per month. The easy-to-read oversized LCD display is protected by a rock hard mineral glass crystal. Functions include countdown timer, 24 hour alarm, and stopwatch (1/100 of a second accuracy). A single lithium battery (included) provides an amazing 7

year running time. Only \$59.95. And backed by one year parts and labor warranty from Casio. Casio Diver's Watch #CO845 \$59.95 (3.50).



Generic television saves you money.

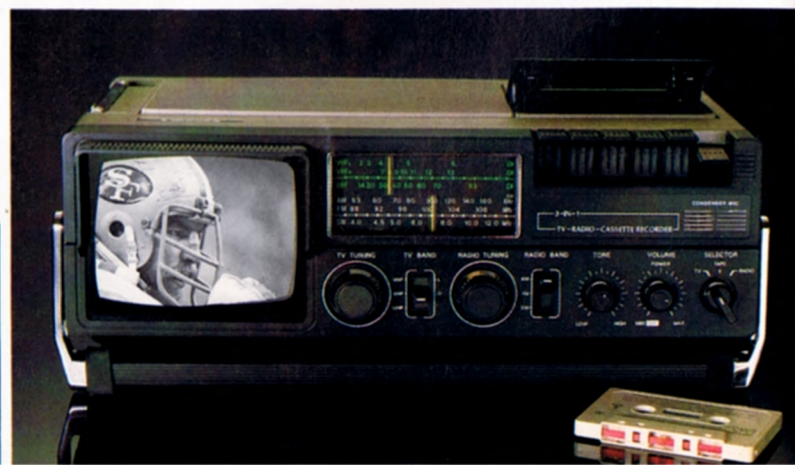
Few people have heard of Liberty Electronics. Yet they manufacture these same multi-functional TV decks for other, big name companies.

For excellent reception on 83 TV channels, and superb, high sensitivity AM/FM radio, we prescribe the 5" B&W TV/Radio (left). Features durable, impact resistant ABS plastic case with carry handle, tinted sunshield, and 300 ohm antenna. Its AC and 12 volt cords plug into walls or vehicle cigarette lighters, or use 8 "D" cell batteries (not included). 11 x 11 x 5", 11 lbs.

Liberty's deluxe model (right) adds a fully equipped cassette recorder/player with built in con-

denser mike, and a short wave radio band—ideal for listening to emergency information, road or weather information and police reports. 15 x 11 x 5", 12 lbs. Both models are guaranteed for 90 days, and come with instructions.

Buy Liberty, and get brand name quality without the big name price. Buy from us, and save even more. TV/Radio #LI413 \$139 (7.50). Cassette/TV/Radio #LI613 \$219 (7.50).



The difference is detail.

Our Marquis of London vest is crafted from one of the finest leathers in the world: soft *cabretta* lambskin. The color is Havana, and the French finish brings out the deep richness of the carefully chosen skins.

The tailoring is exceptional. Both front and back are leather. The pockets and the entire inside are completely lined. Seams are double-stitched, and the buttons are even reinforced with other buttons on the lining side.

Great to wear under your favorite blazer, or to dress up jeans. Please specify size (38, 40, 42, 44, 46). Man's Vest #MQ368 \$89 (3.50).



The racing watch fine tuned like a racing car.

This incomparable (and understandably expensive) Heuer (Hoy'er) Chronograph is worn by some of the fastest men in the world. It's a working accessory in the world's best European racing cars. Incredibly rugged, the case was carved out of pure stainless steel. The tightly fitted mineral glass crystal keeps the watch water tight. Its ingenious movement provides year after year of lasting accuracy without batteries or winding. Winding is accomplished by the slightest of wrist motions encountered in normal wear.

The 12 hour stopwatch function has a time-out provision, and a tachymeter scale that enables you to calculate the average speed of a car or boat. The day of the week and date are conveniently displayed alongside the three inner stopwatch faces.

Band and case are pure anodized black stainless steel. The handsome black dial has tritium coated markings for easy night reading.

Each Heuer Chronograph is meticulously hand assembled by Switzerland's finest craftsmen. Rigid quality controls, including individual water pressure tests for each watch, insure a lifetime of trouble-free use.

A one year warranty is provided and service is by mail within the United States, though it's unlikely you'll need it.

Heuer is the world's leading maker of highest quality stopwatches. A distinction they've held for over 120 years. This Heuer Chronograph sells internationally at prices exceeding \$400. But our price puts perfection closer in reach. Heuer Chronograph #HU530 \$325 (3.50).

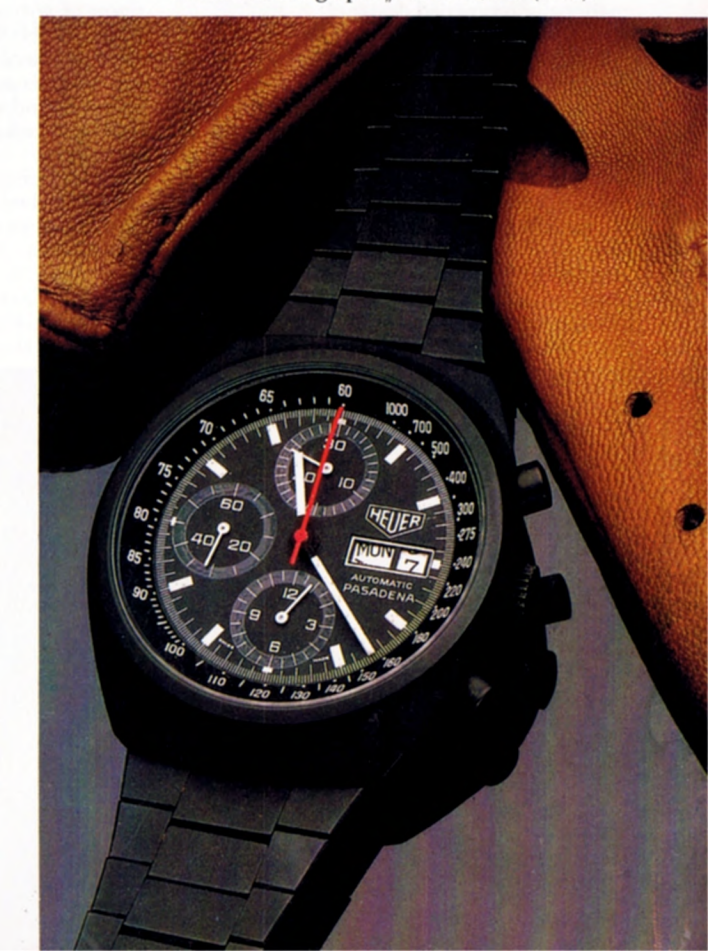


Model dirt racer so powerful, you need a license to drive it.

Modeled after Class 1 Baja racing cars, the 1/12 scale Hustler attains speeds up to an amazing 30 MPH on dirt or sand! And its radio control transmitter is so powerful (1/4 mile range) that an FCC license is required to drive it (no-cost application is included).

Features oversized Goodyear hollow rubber traction tires. Independent front suspension with shock absorbers. Digital proportional steering. Cooling fins. The rugged Lexan® body wrapped around its metal/fiberglass chassis is designed for roughest use.

The solid state electric motor needs no messy fuels and performs like gas engines costing three times as much. You control speed and steering from a lightweight radio transmitter (5 x 5 x 2") that takes 8 AA batteries. 5 function controls include reverse and 'stand.' Car measures 13 x 5 x 5", weighs 10 lbs. Comes with 6 ni-cad rechargeable batteries that charge in 15 minutes off your car cigarette lighter. Completely assembled and quality checked in the USA. Hustler Model Racer #BK728 \$219 (5.50).



Spy camera hiding in a lighter.

Now you can unobtrusively snap a photo while appearing to light a cigarette—or simply handling your expensive lighter. In fact, this new subminiature camera is the latest application of The Minox® film format technology.

The refillable butane lighter is just a small part of a remarkably complex—but compact Japanese precision camera called Minimax.

Now take candid snapshots unobserved. And always be ready for that once in a lifetime shot, because Minimax is so easy to carry. It's unnoticeable in a suit or jacket pocket. Measures just 4" long and less than 1 x 5/8".

Makes surprisingly sharp negatives that blow up into beautiful 3 x 5" color or black and white prints. Uses standard Minox film cartridges, in ASA speeds of 125 to 400 (available at any camera store). And there's no focusing; nothing to set. Just point and shoot.

Impressive enamel-like finish and gold trim are durable anodized aluminum. Comes with leather like case and one year warranty. Japanese-made Minimax is far less expensive than similar size cameras, yet has all the quality the Japanese have brought to the art of miniaturized photography. Minimax Camera #DN839 \$95 (3.50).



Shades of perfection. From \$39.

These exclusive Carrera/Porsche Design sunglasses combine the talents of Europe's leading eyeglass manufacturer and an internationally renowned designer.

The pair shown at left feature a sturdy yet lightweight aviator frame finished in black brushed chrome. With 15 hand-fitted soldering points. And precision ground, optically perfect wide-vision lenses (a special hinge allows for quick replacement). Brown lenses provide maximum protection against ultra-violet rays. Or interchange them with single gradient CR 39 grey lenses (they're darker at the top, to relax the eye). Also available with solid nickel frame—generously finished in gleaming 18K gold (center). Comes with handsome custom fitted case (above).

The sport glasses at right are precision molded from extremely lightweight epoxy resin—especially chosen to withstand the rigors of virtually any activity (even motorcycle sprints). It's hypoallergenic, too. Grey, single-gradient CR 39 lenses. Bold black racing design is accented by the gold Carrera insignia. And vented, on both sides of the bridge, to reduce drag. Comes with soft case, not shown.

All glasses are numbered and registered in a limited edition collection.

Whether you choose sunglasses or sport glasses, treat your eyes to the world's finest. Gold Sunglasses #CA290 \$179 (2.50). Black Sunglasses #CA195 \$119 (2.50). Sport Sunglasses #CA463 \$39 (2.50).



For your video and audio cassettes, a deserving home.

The larger video storage cabinet (20" x 8 1/2" x 6") fully organizes and protects costly video tapes (VHS or BETA) with easy to use interlocking cassette drawers. A touch of a finger and the cassette of your choice is gently ejected. And just as quickly returned. Each drawer has its own sturdy eject mechanism. The cabinet is crafted of hardwood with meticulously hand rubbed walnut finish. The smaller (12" x 14" x 5") audio cassette unit provides your music tapes with the same neat, dust-free protection. And any single stack can be removed and taken with you—perfect for car cassette players.

12 Cassette Video Organizer #PS333 \$79 (4.50).
24 Cassette Audio Organizer #PS334 \$49 (3.50).



Time for two.

All the virtues you expect to find in a famous designer watch—are now in these matched \$69 Quasatron quartz classics.

The stylish, octagon bezel is enriched with gleaming goldtone. 42 gold screws have been recessed into the adjustable stainless steel safety bracelet. The goldtone setting stem completes the rich design. Bold black Roman numerals and tapered hands dignify the analog dial. Along with an always visible, bi-lingual (English, Spanish) day/date calendar. Reliable ±10 second-a-month quartz accuracy.

Available in handsome man's model (left), or the smaller, more elegant Woman's version. Battery in place. Gift box, full instructions and year warranty included. Man's Designer Watch #AR442, Woman's Designer Watch #AR443 \$69 (2.75) each.

Living Catalog
The Sharper Image on Cable TV.
See order form for times in your area.

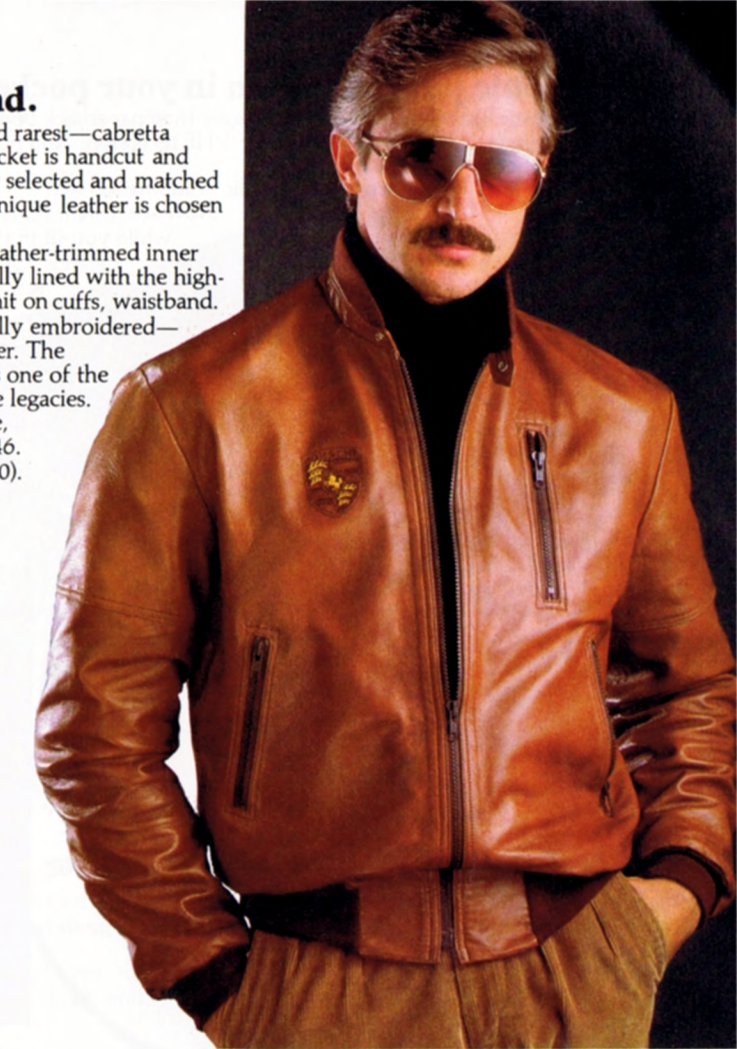
Jacket to match an automotive legend.

Crafted from the finest—and rarest—cabretta lambskin, this American-made jacket is handcut and tailored. Each skin is individually selected and matched for perfect chestnut color. This unique leather is chosen for its suppleness and durability.

Three outsized pockets. A leather-trimmed inner pocket, inside and pockets are fully lined with the highest quality satin. Double stitch knit on cuffs, waistband.

The Porsche symbol is actually embroidered—thread by thread—into the leather. The subtle but fully detailed design is one of the world's most coveted automotive legacies.

Test wear your own Porsche, today. Comes in men's sizes 38-46. Porsche Jacket #LH821 \$225 (4.50).



A bike that shows every beat of your heart.

With Huffy's new Pulse Data™ Exercise Bike, your pulse rate appears right before your eyes as you exercise. Its patented Automatic monitoring system is unique—no metal clips, electrodes, or wires.

Just grasp the handle bar grips and see your pulse continuously displayed and updated on the large LCD console. Its onboard computer also shows how far you've gone in tenths of a mile, how long you've been pedaling and your speed in miles per hour.

With Pulse Data, you'll immediately know if you're working too hard or too easy. Use the fitness manual to find your 'target' heart rate—the rate you should push yourself to, but not exceed. You can even grasp the handle bars when you're not pedaling, to monitor your resting pulse rate—or track your cardiac recovery time. Until now, equipment like this was only found in health clubs. It was too expensive for home use.

Huffy has always had a reputation for quality and durability. Sturdy welded tubular steel frame has an exclusive oval maintube. Extra wide stabilizer bars. Easy-to-adjust handle bars and extra large comfortable, padded seat. Caliper control quickly adjusts tension. Comes with instructions, fitness manual and 6 month warranty. Easily assembled with simple tools. 4 C batteries required. Measures 45 x 34 x 28" and weighs 42 lbs.

Order the only bike in the world that tells your time, distance, and pulse rate—by simply grabbing the handlebars. Huffy Pulse Data Exercise Bike #HF736 \$259 (24.00).

Panasonic puts television in your pocket.

Panasonic Travelvisions™ are no bigger than paperback books. Yet they deliver unbelievably sharp UHF/VHF reception. And now, full FM stereo.

Available in tv only (right) or tv/radio combination (left). Now see instant replays while you sit in the stands. Or watch



favorite shows in waiting rooms or airport lounges. When you're done, Travelvision slips in a large jacket pocket or tucks away in a small corner of your attache. Measures 6 1/2" x 3 1/2" x 1 1/2". Weighs only 16 ozs. The incredible 1 1/2" screen is the world's smallest—enlarges to 2" when you snap on the detachable magnifying screen (included).

Panasonic puts radio in your tv.

Deluxe Travelvision (left) adds crisp FM stereo and AM. Listen through the built-in speaker, or with full stereo separation through the lightweight headphones (included). Weighs only 3 ozs. more than the tv-only model.

Both come with detachable magnifying screens, convenient flip-down stands, home wall plug and cigarette lighter adaptor so you can easily recharge the included NiCad battery pack. Or use any 4 ordinary AA batteries. Full instructions and one year warranty. Travelvision is the world's first proven pocket television design, and quantities are limited. Please order now. Travelvision (TV only) #PA574 \$199 (5.50). Deluxe Travelvision TV/FM/AM #PA822 \$269 (6.50).



Palm-sized blood pressure and pulse-taker.

New Healthteam is the first digital blood pressure/pulse monitor small enough—and easy enough—to be used anywhere. Home, office, gym, business trips, vacations, you name it. Its electronic microprocessor and digital display virtually eliminate human error and guesswork—giving you fast, accurate blood pressure and pulse readings everytime. Bright fluorescent

digits "freeze" to show you systolic and diastolic readings. Press a button, it reveals your pulse rate in beats per minute.

The slim 8 oz., 5 1/4" x 3 1/2" x 1 1/2" monitor comes with its own travel case (no bigger than a shaving kit). Auto air release valve, velcro arm cuff with built-in piezo-electric microphone, rapid-action inflator bulb. Takes 4 AA penlight batteries. Full instructions, warranty. Portable, convenient and easy to use—New Healthteam is the best friend your family's health can have. Healthteam #HE433 \$149 (3.75).



Portable CB brings help miles from home.

This full-power Uniden CB radio can bring help fast. Fits in your glove compartment, or trunk. When there's an emergency, place the magnetic base antenna on your car roof and plug into cigarette lighter. Tune to Emergency Channel 9 (monitored by police, highway patrol) and call for help.

Unlike similar units, Uniden works even if your car battery is dead. Just snap on the optional battery pack (included). Also comes with a flexible rubber-duck antenna for totally portable use away from your car. Ideal for backpacking, fishing or hunting trips. Or use it at home. Shoulderstrap for easy carrying. Takes 9 NiCads.

It's the first emergency CB to have a handheld microphone for conversation while you drive. All the power of a conventional dashboard CB—same 40 channel capacity and range of 4 miles. Magnetic antenna stays secure to your roof while you drive. Measures 8 1/4" x 4" x 4 1/2". Weighs 2.5 lbs. Two year warranty. Own the newest, most compact, portable CB. Uniden Portable CB #UD855 \$129 (4.50).



On sale. The closest thing to owning your own professional health club.

At first glance you might mistake the new DP Gym for The (\$3,000+) Universal™ Gym. With good reason: the DP looks and works exactly like an expensive weight-stack system—without the astronomical price.

Diversified Products—the world's largest manufacturer of professional fitness equipment—introduces the first truly professional weight-stack fitness system for the home.

Simply place the selector pin in your desired weight slot. Your chosen amount of weights will glide smoothly up and down the cam each time you lift. To change weight just pull the pin. The weight stack eliminates guess work and maximizes your progress.

All the exercises you'll ever need.

The DP Gym comes with handle bar and cross bar assemblies designed for all upper body exercises, including bench presses, squats, pull ups, and arm curls. In addition, DP features a full pulley weight system with double handle nylon rope, padded ankle cuff, and 15" chrome grip. Perfect for leg and arm raises, rowing and leg curls. Most other home gyms charge you extra for these accessories, but they come standard with the DP.

New bench-bottom exerciser adds leg lifts and rowing.

DP's new custom-fit Leg Lift/Arm Curl accessory is available exclusively from The Sharper Image. And at no extra cost. Lets you do leg lifts, leg curls, arm curls and arm rowing. And it adjusts to your individual leg length for more comfortable and effective exercise. The Arm Curl/Rowing bar is shown unpadded, but leg pads can be removed and placed on the arm bars.

The DP Gym lets you change easily from

one exercise to another. This kind of "circuit training" has been proven by exercise physiologists to be the most efficient and precise way to build your body—without wasted effort or strain.

DP Gym offers the total range of professional gym exercises, accommodating every conceivable exercise posture (even duplicates motions used in popular sports). Illustrated instructions show 57 simple exercises that run the gamut from heavy body building to general physical fitness. Women enjoy the figure shaping exercises.

The comfortable foam padded bench also converts to a slant board for sit-ups. The hand bars adjust to anyone's size and feature unique revolving grips for bench and

pull up exercises. Rollaway storage and silent operation.

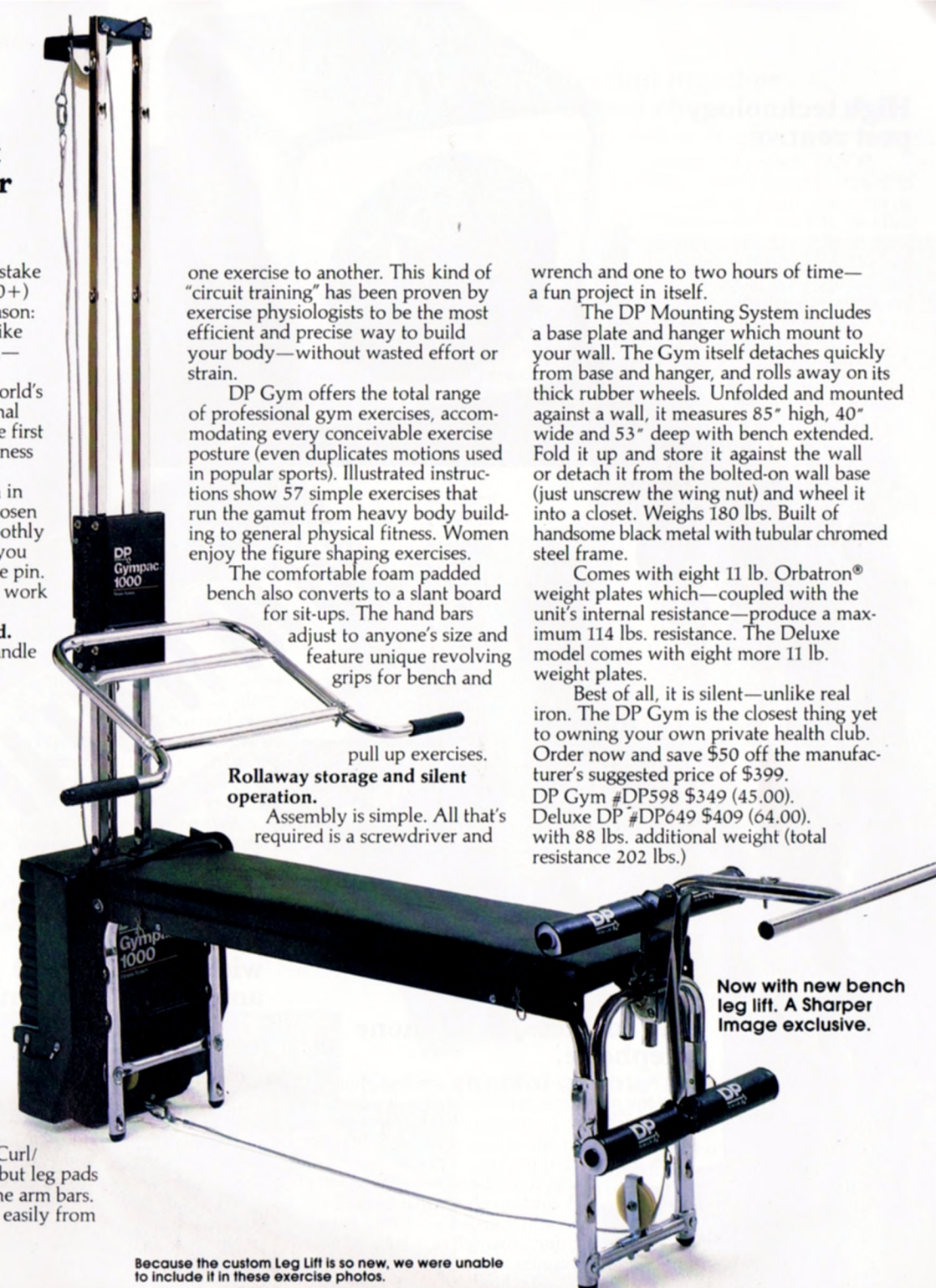
Assembly is simple. All that's required is a screwdriver and

wrench and one to two hours of time—a fun project in itself.

The DP Mounting System includes a base plate and hanger which mount to your wall. The Gym itself detaches quickly from base and hanger, and rolls away on its thick rubber wheels. Unfolded and mounted against a wall, it measures 85" high, 40" wide and 53" deep with bench extended. Fold it up and store it against the wall or detach it from the bolted-on wall base (just unscrew the wing nut) and wheel it into a closet. Weighs 180 lbs. Built of handsome black metal with tubular chromed steel frame.

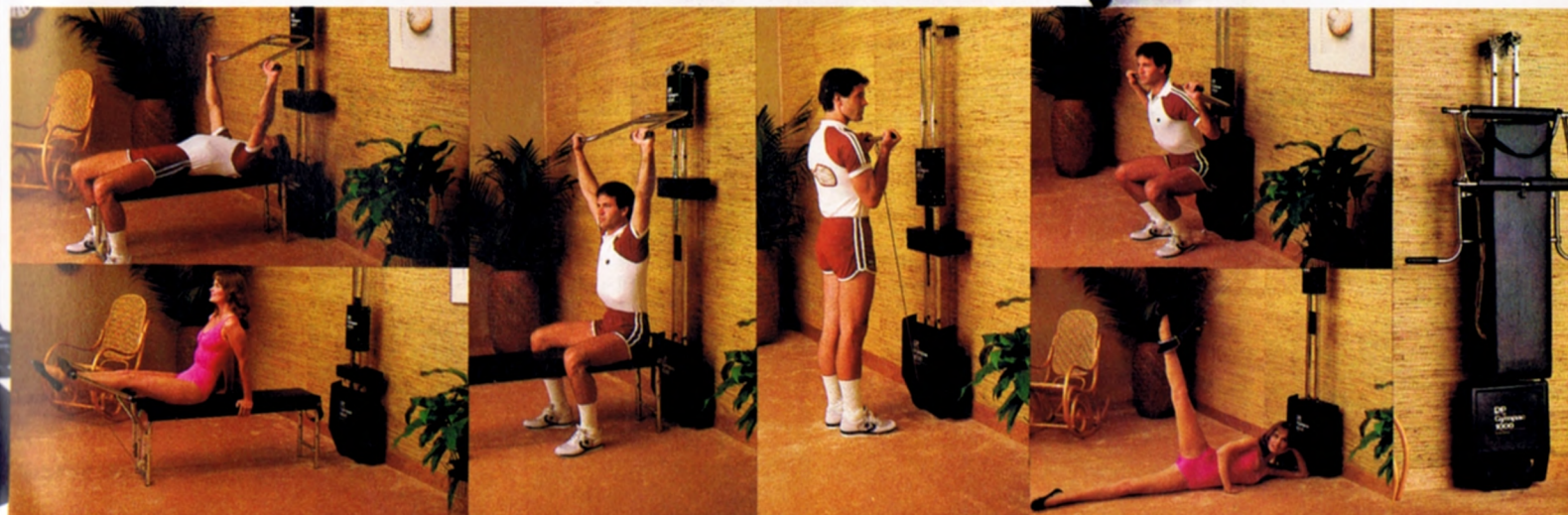
Comes with eight 11 lb. Orbatron® weight plates which—coupled with the unit's internal resistance—produce a maximum 114 lbs. resistance. The Deluxe model comes with eight more 11 lb. weight plates.

Best of all, it is silent—unlike real iron. The DP Gym is the closest thing yet to owning your own private health club. Order now and save \$50 off the manufacturer's suggested price of \$399. DP Gym #DP598 \$349 (45.00). Deluxe DP #DP649 \$409 (64.00) with 88 lbs. additional weight (total resistance 202 lbs.)



Because the custom Leg Lift is so new, we were unable to include it in these exercise photos.

Now with new bench leg lift. A Sharper Image exclusive.

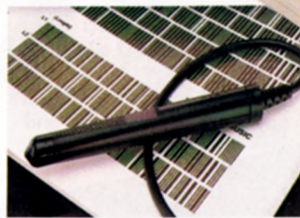
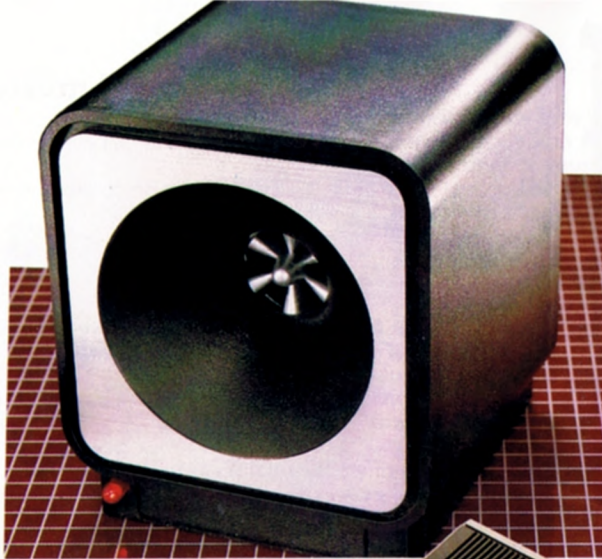


High technology pest control.

SCRAT doesn't kill rodents or insects, it repels them— with an ultrasonic attack on their auditory and nervous systems. It operates at high frequencies harmless and inaudible to humans and pets, but so annoying to pests they'll abandon the area—and stay out. The solid state circuit with quartz transducer clears an area to 2500 cubic feet (10 x 15' room). Plugs into any 110 AC circuit and uses less than 5 watts.

And it won't interfere with your other devices—burglar alarm, smoke detector, or television. But it will chase away cockroaches, mice, rats, crickets, fleas, ants. Weighs 1 lb, measures 3 1/2" x 3 1/2" x 4".

SCRAT is perfect for your house, apartment, farm, storage area, restaurant—especially effective in large open areas that are difficult to seal off. 1 year limited warranty. SCRAT—a no mess, no fuss approach to pest control. SCRAT #AA851 \$49.95 (3.50).



Player piano feature uses the same technology that 'reads' product codes at supermarkets.

Music maker with 20 voices and an elephant's memory.

Casio's new MT-70 Electronic Keyboard has 20 surprisingly realistic voices. Like the jazz organ with the timbre of the original. Or the piano sound you'd swear was acoustic. Or the natural sounding flute, celesta, banjo, wood wind and vibraphone. Not to mention the scintillating drums and cymbals. Yet all this miniaturized performance weighs only 6.5 lbs and measures 25 x 7 1/2 x 2 3/4".

Space age player piano teaches you how to play.

The MT-70 has the largest computer memory of its kind. Which means you can compose and store your own songs (with complete arrangements) to be played back at the touch of a button. Memory capacity is 345 steps of melody and 201 chord steps.

If you're a beginner, the MT-70 can make you sound professional in no time. Simply pass the Melody Wand across any bar-coded songbook to enter a song into memory (see inset photo). Then, activate Melody Guide and press the keys below the 'bouncing' LED light. Instantly—you're playing the song. Or push a button and hear the entire song played back like a player piano.

Also features ten automatic rhythm tracks, and one-finger chords in major, minor and 7th. LCD shows chord names as you play them, and counts the notes entered into memory. Special editing controls make programming easy. Listen through the built-in speaker or plug into your home stereo. Comes with 5 D cell batteries. Takes common AC adaptor (not included). This versatile, portable, electronic synthesizer is the choice of serious musicians and beginners alike. Order yours today. Casio MT-70 Keyboard #CO852 \$399 (9.50). Set of 8 Bar Code Books (Beatles, Best Sellers, Classics, etc.) #CO702 \$75 (4.50).

The cordless, headphone telephone.

First the phone. Then the cordless phone. Now the phoneless, cordless phone. It's down to just the earpiece, a miniaturized microphone, and a tiny 3 oz. control box (4 x 2 1/2 x 1") that fits in your shirt pocket.

What could be more convenient? A cordless phone that frees both hands for cooking, typing, exercising (rowing?) or whatever your business requires.

Technidyne's new Go-Fone is the ultimate lightweight 100 ft. range cordless. Comes with small base station and recharges at base overnight. Signals incoming calls remotely (dial out from your own phone at base station). 90 day warranty.

Now, don't let phone conversations keep you from what you're doing. Go-Phone #TY974 \$149 (4.50).



Modern sculpture cleans your air—provides quartz timekeeping.

New Whisk Away™ keeps indoor air fresh and clean by utilizing advanced ionization technology to constantly remove odors, smoke, dust and pollen from the atmosphere. Works silently and without fans. Measures 9 x 5 x 1 1/4".

The positive collection filter collects indoor pollution in the same way as the Orbit on page 52. Occasionally, remove filter from Velcro® fastener and clean in running water. No replacement filters are needed. Like the Orbit, Whisk Away 'clears' rooms up to 12 x 20'. And costs only pennies a month to run.

Whisk Away is also a fine example of contemporary sculpture. With a built-in quartz-accurate LED clock. Features On/Off ionizing switch with LED indicator, and easy clock setting. Both the sturdy ABS housing and the sophisticated internal electronics are fully UL listed. Plugs into any wall outlet and comes with instructions and one year warranty. Assembled entirely in the USA. Order the clock that lets you breathe cleaner, purer air. Whisk Away #BP984 \$99 (3.50).



Keep your collection together in this hand rubbed chest.

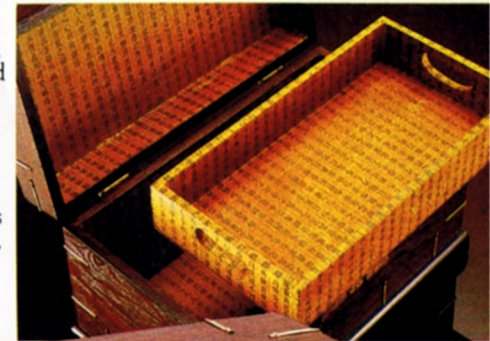
This authentic reproduction of an 18th century Oriental chest looks like a genuine antique.

Use it for storing photos, slides, collections, or any memento you wish to keep close at hand.

This 16 x 9 1/2 x 9" deep chest, keeps them secure, but easily available to show guests or share with friends.

Comes in solid, rich elm hardwood with solid brass fittings. Solid brass child-proof lock and key included. Completely lined in rice paper. Removable top tray. Beautifully complements your living room or den, and protects personal possessions.

Oriental Chest #LX775 \$99 (6.50).



Stress control at your fingertips.

The palm-sized GSR 2 biofeedback monitor lets you listen to and control stress—by converting minute tension-related changes in your skin pore size into sound: the greater your stress, the higher the pitch. Rest two fingers on the sensing plates, then follow the simple relaxation steps on the cassette tape (or written instructions) to immediately lower the pitch. It's a soothing, sensual experience that will put you in perhaps the deepest state of conscious rest and relaxation you've ever known. And once you master the inner maneuvers that control tension you'll be able to relax in almost any stressful situation. Or even improve performance (the U.S. Olympic Nordic Ski team and many professional athletes train with the GSR 2). The basic GSR 2 unit comes with 2 year battery in place, cassette tape and instructions. Year warranty.

Or, add to the basic GSR 2 by ordering the deluxe GSR/TEMP 2 system. Stress also reduces the blood flow to your hands, causing cooling which can be monitored through the TEMP 2 Sensor Attachment. You can also plug in the Viewing Meter to see your stress level. Included are two remote sensors (lets you monitor stress with your hands free), a thermometer for absolute temperature and a rugged carrying case. Plus everything you get in the basic GSR 2 package.

GSR/TEMP 2 is currently in use at over 1000 medical and educational institutes worldwide. Now put the complete biofeedback lab in your own hand.

GSR 2 (basic hand unit) #TT189 \$49 (2.50).

GSR/TEMP 2 (hand unit and all accessories) #TT553 \$99 (3.50).

Plush New Zealand lamb's wool rug.

Here's an item that will turn any floor space into a zone of pleasure.

This is genuine lambswool from New Zealand, where the mild climate produces the most luxurious wool in the world. Not to be confused with sheepskins from older animals, this is prime young lambskin wool. Sheepskins are not as soft.

Easy to care for—just toss in the washer.

A special tanning process insures it will come back soft and resilient time after time. Measures approximately 64 x 48". Four natural lambskins are sewn together to make each rug. Big enough to use as a comforter, and very affordable for only \$199. Lambswool Rug #DN763 \$199 (12.50).



High tech way to stay slim.

Diet Trac from Mattel Electronics tells you how much to eat and visually warns you when you eat too much. It gives the nutritional value of any meal—even charts your sodium and cholesterol intake.

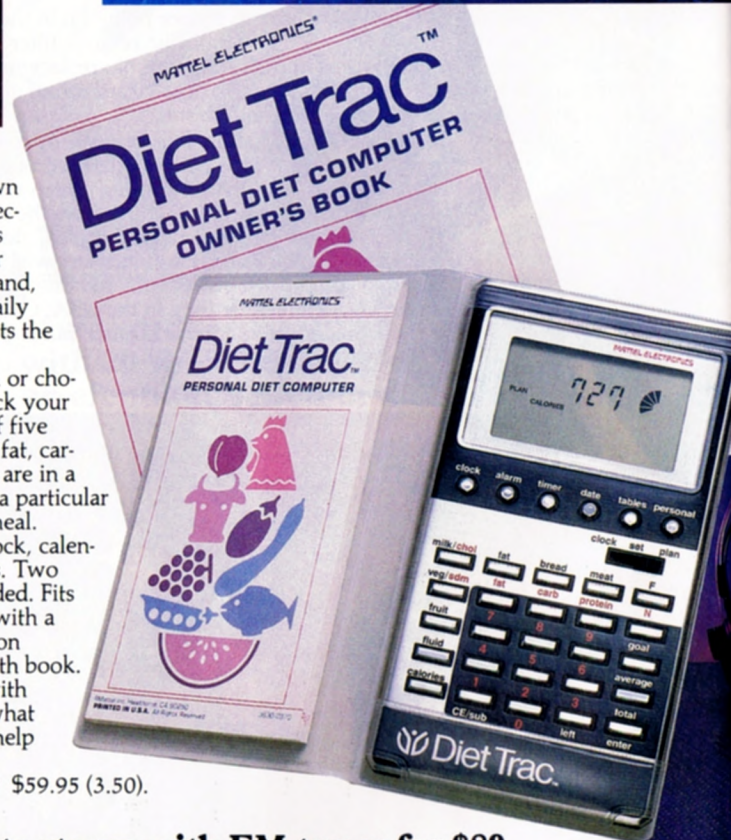
Enter your personal statistics (age, height, weight, sex, etc.) into the computer and Diet Trac gives you a daily calorie requirement (either to maintain or lose weight). It also tells you how many servings of the basic food groups are needed to meet your requirements.

You can program your own health goals or your doctor's recommendation. And Diet Trac's easy-to-read LCD meal planner chart shows you where you stand, meal by meal, relative to your daily goals. If you go over your limits the LCD flashes a visual alert.

If you're on a low sodium or cholesterol diet, Diet Trac will track your intake. You'll see how much of five nutrients (cholesterol, sodium, fat, carbohydrates, and protein) there are in a food serving, or you can track a particular nutrient through your entire meal.

The computer also has clock, calendar, timer, and alarm functions. Two silver oxide batteries are included. Fits easily in your pocket. Comes with a 90 day warranty plus instruction manual and informational health book. Now you can count calories with push-button ease. No matter what diet you're on, Diet Trac will help you stay on it.

Diet Trac Computer #MT849 \$59.95 (3.50).



First pocket cassette stereo with FM tuner for \$89.

Technidyne breaks through all pocket stereo prices with their new, improved Hip Pocket Stereo with FM Tuner.

Hip Pocket was the first to break the performance standards of the \$200 Sony Walkman. And among all under-\$100 personal stereos, it remains the only one with real pocket size (Sony, Sanyo and Panasonic are one third or more larger).

But now Technidyne has added a 2 oz. drop-in FM Tuner the size and shape of a cassette. Just snap it in for great FM stereo. (To add recording ability, consider the deluxe

unit featured on page 25).

Comes with shoulder strap, demo tape and ultra-light (2 1/4 oz.) collapsible headset—another Technidyne exclusive. Add a second set of headphones for tandem listening. Built-in talk button allows conversation or singalong. 3 1/2 x 5 1/4 x 1 1/2", takes 4 AA batteries, 90 day warranty.

Compare to any under-\$100 personal stereo. Then call us and order the best. Technidyne with FM Tuner #TY700 \$89.95 (4.50).

Additional Headset #TY402 \$19.95 (1.50).



Put a remote speedboat racer in your pool.

The LaTrax Offshore Racing Boat beats rivals costing twice as much. A full 17 inches long, it attains speeds up to 10 MPH at 60 feet from its remote transmitter. Ideal for swimming pools, ponds, and small lakes.

Sheathed in white, high-impact plastic and ready to go, it weighs 2.2 lbs.

Digital proportional steering offers smooth and accurate turns. Full range rudder and throttle response. Variable speed controls. Reverse and full stop features give you flexibility in positioning. And the self-centering steering wheel keeps you on an even course.

The clean, quiet, heavy duty DC motor uses 4 NiCad built-in batteries that recharge off household current overnight or off your car's cigarette lighter in just 15 minutes with the Quick-Charger.

The instant response transmitter takes one 9 volt battery (not included). Separate frequencies let four boats race side by side without interference.

Comes fully assembled with total quality control in the U.S.A. Do some serious offshore powerboat racing in your own swimming pool. Your adrenalin is guaranteed to start pumping. LaTrax Offshore Racing Boat #BK975 \$149 (4.50).



Massive ship's lantern in solid brass.

19th century sea captains kept these large lanterns for their own personal use.

This full sized reproduction of an authentic English cargo light was widely known as the Captain's Lantern. Handcrafted in solid brass, it's a rugged reminder of nautical craftsmanship. The price is attractive too—selling for much less than you'd expect to pay in stores for a lantern of this size.

Features top and bottom handles for stabilization at sea, and an adjustable wick. Base holds 15 fluid ozs. of kerosene—enough for 8 hours of light. Measures 6 x 6 x 15" tall. Weighs 8 lbs.

You'll appreciate its cheery glow and gleaming good looks. Suitable for use in the home, boat or on camping trips.

Captain's Lantern #GT952 \$75 (5.50).



Qwik II. The low cost phone with a memory.

Mura's QWIK Phone is by far the best of the low-priced, new generation phones. Construction is highest quality ABS plastic—for years of hard use. And now it has automatic dialing in addition to its good looks and reliability.

For just \$49 you get one button dialing of your nine most frequently called numbers (up to 16 digits each). Plus automatic redial of busy numbers. Ringer on/off switch for peace and quiet. HOLD button to keep your off-line conversations private. And you save even more because you avoid monthly phone rental charges.

Ideal for bedside because its soft, pleasant ring rouses you gently. Or use in any room. Hangs up on any flat surface. Needs no cradle—though a stylish wall mount is included. Plugs into your modular jack and runs off telephone current. Works on rotary or tone dial systems. Tangle-free coiled cord extends to 14 feet. 7 1/2 x 1 1/4 x 2 1/4". 11 ozs. 90 day warranty. QWIK Phone II #MU982 \$49 (3.50).



Hands free communication for the adventurer.

Now you can get the same kind of sensitive, hands-free personal radio communication used by SWAT teams and pro football coaches. With up to a half mile range (depending on terrain and obstructions).

New Maxon is perfect for cyclists, hunters, backpackers, skiers or anyone who wants to stay in voice contact over long distances. Assures no one gets lost on the trail. Also ideal for warehouses and construction sites. The sound quality is excellent—just like a FM radio station—and with no interference from CBs or walkie-talkies.

A special voice-activated circuit (VOX) leaves both your hands free for other tasks, and makes the simplex transmission effortless. Or operate manually with the Press-To-Talk button. Features separate volume controls

for receiver and mike. Your voice carries crisp and clear.

The lightweight, adjustable 3 oz. headset has foam-padded earphone and a positional condenser mike with windscreen. The 6 1/2 oz. body pack houses the controls, measures 5 x 2 1/2 x 1", and can fit into a shirt pocket. Or use the strong, spring-loaded clamp to attach it to your belt. Takes regular 9V battery (not included). FCC-approved. 90 day warranty.

Works with 2 sets or more—so a whole group can stay in touch. For safety and fun in the outdoors, order your personal radio communicator today. Minimum of 2 required.

Two-Way Personal Communicators #MX978 \$49 each (2.50). Minimum of two needed.



Boise to Budapest. Travel with a programmable companion.

At 10 ozs. and a mere 6" x 2", this Hanimex world traveler tucks neatly into any suitcase or attache. Large, easy to read LCD digits with AM/PM indicators give ±5 second-a-month quartz precise time. Front mounted controls. And extra bright night display.

Program the 24 hour alarm down to the minute for an electronic wake-up tone. And your preset choice of AM/FM music. Also features snooze delay and sleep switch (for 1 to 59 minutes of music before auto shut off). Carry pouch and 90 day warranty included. Perfect choice for home, office or travel.

Programmable Radio #HX356 \$49 (2.50)

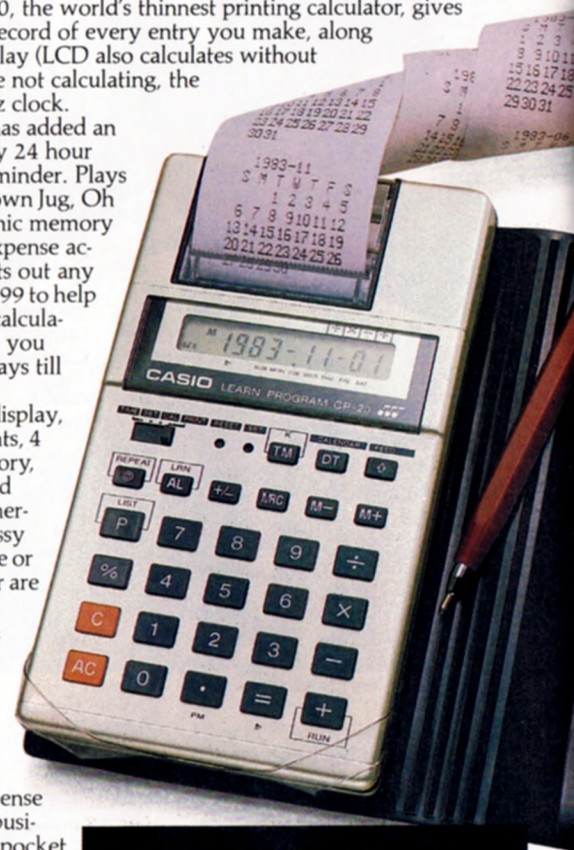


Musically alarming. The newest pocket printing calculator.

Casio's new CP-20, the world's thinnest printing calculator, gives you an exact printed record of every entry you make, along with a sharp LCD display (LCD also calculates without printing). When you're not calculating, the LCD is a precise quartz clock.

And now Casio has added an elaborate three-melody 24 hour alarm/appointment reminder. Plays Russian Folk Song, Brown Jug, Oh Susannah. Has electronic memory calendar too—dates expense account figures and prints out any month from 1901 to 2099 to help plan your time. Date calculation function even lets you compute how many days till vacation.

Features 10 digit display, algebraic logic, constants, 4 key independent memory, percent key. High speed (2.5 lines per second) thermal printer uses no messy ink—figures won't fade or smear. 25 rolls of paper are included. The 3" x 5" CP-20 is only 5/8" thin and fits easily in your shirt or coat pocket. Comes with full instructions and protective cover. One year warranty. Now have instant records for expense accounts, banking or business with the thinnest pocket printer ever made. (Extra rolls available at office supply stores.) Casio CP-20 with 25 rolls #CO760 \$69 (3.50).



Genius fan provides year around comfort at big savings.

This advanced aerodynamic fan creates a convection current that helps heat or cool a room. Stratojet typically reduces energy consumption by 15% or more.

In Winter, Stratojet captures warm ceiling air (hot air rises) and recirculates it downward making the entire room warmer. In Summer, heavy cool air is lifted from the floor and circulated evenly throughout the room. In both seasons your home will feel and smell fresher because of the continuous air circulation.

Whisper-quiet Stratojet works its wonders without creating harsh gusts of air. Unlike high priced ceiling fans, Stratojet is an energy miser—using no more electricity than a small light bulb.

Available in two models. Stratojet I uses only 10 watts and works with ceilings up to 8' and rooms to 300 square feet. Measures an unobtrusive 6 x 7".

Stratojet II uses only 25 watts and works with ceilings to 16', rooms up to 600 square feet. Measures 10 x 11". Sturdy shock resistant housing and cord can be painted to match any decor. Plugs into wall outlet or can be permanently wired. One year warranty.

Get Stratojet and turn down your heaters and air conditioners. For more comfort and big energy savings, order now.

Stratojet II #SR980 \$59.95 (4.50).

Stratojet I #SR672 \$39.95 (3.75).

The best sports pulse-taker.

Checking your heart rate is now as easy as grasping a glass of orange juice, thanks to the remarkable Insta-Pulse™ heart rate monitor from Biosig, Inc. Insta-Pulse is the only pulse taker that works the same way as a hospital EKG machine—actually measuring the electrical impulses which cause your heart to beat. These impulses are transmitted from your hands when you grasp the cylinder's nickel bands. Two heartbeats later (less than three seconds) you see the readout. Most pulse-takers require a slower 4 or 8 beat average.

And Insta-pulse's rugged, easy-to-carry

Revolutionary phone dialer is years ahead of its time.

Now turn every phone in your home or office into a lightning fast automatic dialing machine.

Demon Dialer is a central computer that works with your entire phone system to give you sophisticated automatic dialing capabilities which save you time and money. It boasts the largest memory of any automatic dialer. You can store up to 176 telephone numbers, using names that are easy to remember (like MOM or WORK or TWA) or store by code number. You can also store long distance numbers complete with MCI, ITT or other long distance system codes. One storage position accepts up to 32 digits. And unlike other dialers, Demon doesn't just pause—it actually listens for access tones.

Demon also puts an end to frustration and time lost redialing busy numbers. Push a button and Demon goes to work redialing busy phones 10 times in the first minute, and every 2 minutes thereafter for up to 2 hours. And all the while it monitors your calls for incoming signals. You never miss a call. Demon Dialer will even silently keep on ringing your party every 10 minutes, for up to 10 hours. And signal you when your call goes through. Best of all, a single Demon Dialer gives these capabilities to all the extensions of a

See-thru cover used for illustration only.



single line phone, all the lines of a multi-line set, or one line that is shared by many multi-line extensions. You control your Demon using your own phone's touchtone keyboard or rotary dial. Simply plug Demon into your existing modular or 4-prong phone system. 6 x 5 x 1 1/2", weighs 11 ozs. 1 year warranty.

If you need "connections" and need them fast, shouldn't you have the Demon dialing for you? Demon 176T Line #ZH705 \$199 (4.50) (faster speed for Touch Tone systems only). Demon 176 Line #ZH704 \$179 (4.50) (rotary pulsing, slower for rotary systems. Works on Touch Tone too).

Battle line classics.

When you handle these two full size non-firing reproductions you'll be hard pressed to tell the difference between these and the originals.

Spin the cylinder. Work the slide action. Lock the rearward safety. Hear the sound of heavy gun metal cocked and ready. Feel the unmistakable weight of a ruggedly crafted firearm. But realize that both are totally non-firing and safe for display in your den or game room.

No amount of modification can cause either to actually fire a projectile (a high carbon steel rod is formed integrally with the center of the bore, blocking the entire length of the barrel).

Above, is the Army 1873 single action revolver. The coveted sidearm of American cavalry officers, the long (7 1/2") barrel was felt to better one's aim from the saddle. Note that the gun metal has the antique quality of its hundred year vintage.

Below, is the 1911 U.S. government

The 1873 single action revolver was hand built from over 30 blued, precision machined-metal parts. You can draw back the hammer, advance the cylinder and 'dry' fire. The gun field strips and disassembles. Measures 12 1/2", weighs 2 1/4 lbs.

The 1911 automatic was hand built from over 30 blued metal parts. Lock the slide action rearward just like the original. Or work the half-cocked and grip safeties. Slip the magazine clip out for 'reloading' and pull the hammer trigger to 'dry' fire. Field strips. 9", 2 1/4 lbs.

automatic. This 8 round automatic first saw action in the war against Pancho Villa. It's been the choice of American paratroopers and commandos for over 60 years and is still in use today.

Now you can own an authentic part of American history that you can hold in your hand. Not available to residents of New York. 1873 Revolver #CL547 \$65 (4.50). 1911 Automatic #CL548 \$65 (4.50).



Large LCD display is easy to read even in bright light.



baton shape and extra large LCD make it the best pulse monitor to use during sports. Clear lucite shell protects its circuitry from damage due to shock or moisture. Its battery system is good for more than 100,000 readings (over a year's worth of use.) And the unit shuts off automatically when released from your grip.

Comes with 9 volt battery in place, instructions and 90-day warranty.

Order now, and take your own pulse—the easy, accurate way. Insta-pulse #GI973 \$149 (3.75).

3 sound tracks plus 22 instruments at your fingertips.

Whether your taste is Bach, Beach Boys or Bacharach, this versatile, 37 key electronic keyboard plays them all. And lets you lay one sound over another. The remarkable Casiotone MT-40 spans three octaves and produces the tonal effects of 22 distinct instruments. Play flute, guitar, trumpet, harpsichord, cello, organ, oboe and others.

Add to your basic instrumental sound any of 6 automatic rhythm sections, 15 automatic bass sections, and 2 automatic drum rolls — to produce several simultaneous layers of sound.

For enriched color and depth use the built-in Vibrato, Sustain and Pitch control functions. The MT-40 also

features an advanced polyphonic system: lets you play cords with up to eight different notes at one time.

Measures only 23 x 7 x 2½", and weighs a mere 6½ lbs. This compact little unit is perfect for desk top or travel.

Casio's music maker comes with 5 D cell batteries. Takes AC adapter available at electronic stores. Full instructions and one year

warranty. A revolution is occurring in computer synthesized sound. Experience it with Casio's latest — and most magical — portable keyboard.

Casiotone MT-40 #CO696 \$199 (6.50).



ORDER TOLL-FREE. 7 DAYS A WEEK.

800 344-4444

In Alaska and Hawaii 800 227-3826
Canadian/overseas orders 415 788-4747



Save \$50 on the King of underwater timekeepers.

Heuer's reputation for Swiss precision and reliability started with their first watch, hand built in 1860.

This is their newest professional diver's watch. Ruggedly handsome and crafted like a fine piece of jewelry, it resists water to 660 feet, has an outer turning bezel with click stops, an easy-to-read luminous black dial, and a thick mineral glass crystal. Plus the added security of a double safety latch band.

The movement is Swiss quartz—which means ±10 seconds a month accuracy dive after dive. And battery life well over 2 years.

The outer edge of the bezel is knurled for easy setting with gloved hands. The water tight screw-in crown is double protected. A generous 10 microns of 18K gold are woven into the supple stainless steel band and case. Comes with a deluxe gift box and one year warranty. Heuer is the world leader in stopwatches—and the official timekeeper at too many Olympic games to mention.

Each watch is painstakingly hand assembled and inspected by Swiss craftsmen.
Heuer Divers Watch #HU646 \$299 (3.50).

Beautiful blue topaz—remarkably priced.

According to Paul Desautels (a gem expert who in 24 years with the Smithsonian has built what is indisputably the world's finest and broadest collection of colored gems), blue topaz rose in price from \$16 a carat to \$70 a carat over the last few years (*Forbes*, Dec. 8, 1980).

In *Business Week* he said its secret is, "it looks like good quality aquamarine that sells for \$350 a carat."

Blue topaz is a bright, clean, beautiful stone with lots of sparkle. Its delicate color makes it an outstanding jewelry choice. There is probably no stone that is better liked, or creates a more instant attraction.

This 16 carat stone is very large. You will rarely see a blue topaz of this medium color in stores, and if you did it would be priced at \$30 to \$50 per carat or more.

Best of all, you are invited to order for a full 30 day appraisal period. Compare for yourself. You must be completely satisfied with the quality, the generous size, and the low price.

However, blue topaz is occasionally



16 carat topaz shown 1% actual size.

Picture taking telescope.

Tasco's new 25X spotting scope doubles as a 1200mm telephoto lens for your 35mm camera. An equivalent camera lens would cost at least \$600. Yet the Tasco—with tripod and camera adaptor—is only \$200.

Your first glance will reassure you that low price does not compromise quality. Images are crisp, razor sharp and bright.

Comes with all-metal tripod and custom T-adaptor to quick-mount your camera. Specify Canon, Nikon, Olympus, Minolta, Pentax/Praktika or Pentax K mounts when you order. Inexpensive mounts for other cameras available in any photo store.

Lens tube is textured metal. Lens is precision ground and optically coated. This is not a tele-extender; it actually takes the place of your regular lens.

Perched at your window or balcony, the Spotting Scope is ideal for observing rural (or urban) wildlife. And you can quick-mount your camera anytime, to capture close-ups forever. Limited lifetime warranty from Tasco. Available exclusively from The Sharper Image. Spotting Scope #TA817 \$199 (5.50). Please specify camera type.



unavailable. Please order early as price and quantity are subject to change.

Available in 16 carats, or in a still impressive 10 carats—mounted or unmounted.

Unmounted, this is a tremendous value. Mounted in a 14 kt. gold bezel with extra large loop, it is ready to wear. Best suited for those who like being the center of attention.

Unmounted 16 Carat #TH707 \$199 (5.50).
Mounted 16 Carat #TH706 \$239 (5.50).
Unmounted 10 Carat #TH983 \$139 (5.50).
Mounted 10 Carat #TH982 \$179 (5.50).



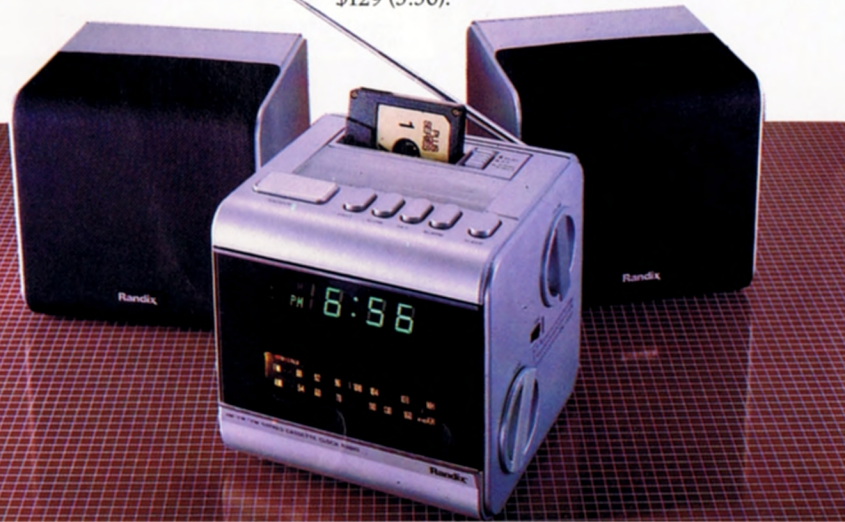
An entertaining cube. In stereo.

Now the extremely popular Cube comes in a new stereo version (the original is offered on page 23). Snug in the command Cube are a 24 hour alarm clock, cassette playback deck, and crisp AM/FM stereo radio. Place the two speaker cubes up to 12' apart for surprisingly rich, resonant sound and superb stereo separation.

Wake to radio, pleasant alarm tone or favorite cassette. And you can program the Cube for cassette or radio go-to-sleep music with automatic shut-off.

Touch Sensor snooze bar gives you 9 minutes of extra sleep with repeats up to 59 minutes. Hi/Low tone control provides extra bass or treble. The illuminated tuning dial and digital clock face can be dimmed. Even the alarm volume is adjustable. Each of the three cubes measures 6 x 6 x 6". 90 day warranty. Plugs in; no batteries needed. The perfect bookcase or bedside system—at a price unmatched for quality sound.

Randix Cube with Speakers #RX850
\$129 (5.50).



Amazing price on an ultra thin dress watch.

With crownless solid brass case and stainless steel band (both plated with 3 microns of gold front and back), push button time adjustment and mineral glass crystal—this new Telux man's watch gives every impression of being a very expensive timepiece. The mesh band alone is a copy of an Italian design worth thousands. And the case is an unparalleled 5 mm thin.

You'd assume a watch of this quality would sell for \$250 to \$300. When we learned we could sell it for \$125, we were impressed—and you will be, too. A handsome gift case and one year battery is included. Quartz accuracy is ±10 seconds per month. One year warranty. Order early, as demand at this price will be high.
Telux Man's Dress Watch #PI719 \$125 (2.50).



Ion system that not only cleans the air, but collects the dust. On sale.

A good negative ionizer makes smoke, dust and pollen drop to the floor or cling to surfaces near the ionizer (not exactly tidy, but preferable to breathing the soot into your lungs).

But new Orbit takes ion technology even further. It's the first system that attracts pollutants out of the air and channels them back to the ionizer. No other unit possesses this innovative

technology.

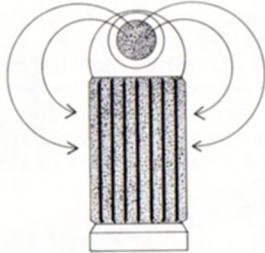
Orbit's "closed electrostatic loop" doesn't just rearrange pollution from the air to the floor—but actually *collects* it, much like the filter on a conventional air conditioner. Smoke, odor, dust and pollen are lodged on the collection filter as room air currents pass through the loop—allowing Orbit to 'clear' an area over a thousand times its size. (12' x 20' room).

Unlike all other systems, both filter and emitter are washable and permanent; there are no refills to buy. Once a month, simply run tap water over the filter to clean, shake dry and replace on Orbit. And see pollution that could have ended up in your lungs go down the drain instead.

More pollution protection than meets the eye.

EPA studies show that 90% of all indoor pollution consists of invisible particles (from building materials and other sources) that are inhaled and deposited deep in the lungs. Orbit is the safest and most effective method yet of removing these potentially harmful particles from the air. Home air cleaning systems that work on the old fan-filter principle remove only *visible* particles—some 10% of total pollution. Orbit removes both visible and sub-micron pollution—without fans or moving parts to break down. And no commotion—Orbit's solid state electronics are totally silent (and warranted for a full year). The modern cylindrical design and richly finished hardwood exterior harmonize perfectly with most office or home furniture. Measures 7½" x 3". Orbit costs less than 10¢ a month to operate.

Call us now. Be among the first to own the world's newest and most advanced ionizer. Orbit Air Purifier #IO432 \$69 (3.50).



Orbit creates a controlled flow of beneficial ions which, much like a magnet, attracts and pulls microscopic pollutants back to the ionizer's washable collection sleeve.



ORDER TOLL-FREE. 7 DAYS A WEEK.

800 344-4444

In Alaska and Hawaii 800 227-3826
Canadian/overseas orders 415 788-4747

The cordless phone that climbs into your pocket.

You've seen pocket cordless phones like this for nearly twice the price. But Sanyo's new Handy Cordless gives you the same quality, range and mobility for just \$199.

This hand-sized cordless weighs only 8 ounces and has a powerful range up to 700 ft. from the base (depending on local conditions). Electronics are fully duplex—meaning both talkers can hear each other simultaneously. The compact handset measures only 5½" x 3" x 1".

Features easy-touch pushbutton dialing. Auto-redial button repeats the last number dialed, helping you through busy signals. Hi/Lo switch lets you adjust volume to accommodate the noise level of your surroundings. Has a base to remote intercom and security switch to prevent other cordless phones from using your line. Compact base unit (3¼" x 6½" x 3") plugs into your modular phone jack and AC outlet. The handset's built-in NiCad batteries recharge overnight in the base unit. And the sound quality is a pleasure—crisp, clear and with a minimum of static. One year limited warranty.

Put this cordless in your pocket, and relax in your yard or patio. You'll never miss an important call, or run for the telephone again. Sanyo Pocket Cordless #SA972 \$199 (4.50).



Big slide blow-ups without screens.

This quality European invention may forever change the way you look at slides.

The Diastar 200 has the largest screen ever seen on a portable slide viewer. Yet folded, it's so compact it fits easily in a travel bag.

Diastar's brilliant, optically enhanced viewing surface measures 8" x 8". Your slides will seem like instant color enlargements rather than projected images.

Without dowsing lights or pulling curtains, you're free to work or take notes during business slide shows.

At home, you'll enjoy the speed and convenience of setting up Diastar. Simply plug it in, pull out the viewing surface and drop up to forty 35mm or 2" x 2" slides into the holding shaft (no magazines or bulky carousels are needed). Folded flat, measures just 6" x 9" x 11". Weighs 2 lbs. The 50 watt tungsten-halogen lamp is extremely bright but produces very little heat—yielding almost unlimited viewing time without heat deterioration.

Made by Europe's largest manufacturer of medical and industrial lamps. Diastar is so reliable, they stand behind it with a *total replacement* warranty for a full year. Try Europe's newest and finest slide viewer for yourself. Diastar Slide Viewer #SM654 \$149 (4.50).



Light your photos like a pro.

Now you can shoot pictures your standard flash just can't handle.

Most flashes work with normal focal length lenses. But the Osram Electronic Flash works with normal, wide angle and telephoto. With a guide number of 150 at 100 ASA, it's the most powerful unit in its price range. Lights subjects up to 50 ft. away. Built-in wide angle diffuser provides light for lenses down to 20mm. And the Osram controls its massive output through a thyristor system that produces just the amount of light you need—automatically.

Also gives you choice of diffuse, bounce, direct, or a combination of direct and bounce. And the light head rotates left or right.

But don't throw your old flash away.

The Osram can work as a second remote in unison with your camera-mounted flash. A built-in photo electric cell activates the Osram just as your standard flash fires—without wires or connecting cords. Letting you place it anywhere—even behind your subject for dramatic back-lighting. A two-flash 'slave' system—like professionals use—opens up a whole new world of advanced photography.

Osram's LED indicators even tell you whether the picture will be properly exposed *before you take it*. Features automatic shut-off, coiled connecting cord and mounting bracket. 4 AA batteries provide up to 1500 flashes. Solid *three year warranty* from Osram—the finest name in German optics. Order now at a tremendous savings over the mfg's suggested list of \$179. Osram Pro Flash #SM819 \$119 (3.50).



Quartz racing watch that goes underwater.

This handsome new Xernus combines an alarm with a ruggedly dependable 12 hour chronograph stopwatch.

With tightly sealed mineral glass crystal, solid stainless steel case and band, and double insulated buttons, it even survives the 10 atmosphere torture test: guaranteed to pass water immersion to 100 meters (300 ft) under water. The solar panel keeps battery charged up to 5 years. Quartz accuracy, day/date calendar, night light, and penetrating musical alarm.

For all racing conditions—above or under water, take along the sports world's toughest competitor. Xernus Quartz Racer #XE378 \$69 (2.50).



Space age technology keeps pants looking neat.

How often have you sent pants to the dry cleaners just to get the wrinkles out? And spent \$3 or more—when they weren't even dirty?

Now there's a simple, fast way to restore any pair of slacks to that just-dry-cleaned look, instantly, at home. Just take off the slacks, hang them in the Corby Pants Press, turn the timer on, and—presto! Thirty minutes later Corby automatically turns itself off. At your convenience, remove the pants. They look absolutely perfect, with that just-pressed, professional look.

Not only will you save hundreds of dollars in dry cleaning costs, but your appearance will improve—because every day you'll wear a perfectly pressed pair of slacks, yet not spend a second of wasted time ironing.

The heating pad is thermostatically controlled so all fabrics are completely safe. Minor assembly takes less than five minutes—just screw on feet. The Corby is also a total valet, with tie rail, accessory tray and contoured coathanger. Measures 17½" W × 37" H × 6" D. Weighs 29 lbs. Uses 175 watts of power at 120 V—costs about a penny a press. Available in modern white, or a rich walnut finish. Corby Pants Press White #CB806WH \$275 (12.50). Corby Pants Press Walnut #CB806WA \$275 (12.50).



Computer scale memorizes your family's weights.

This clinic type digital scale memorizes last week's weight for easy comparison to your present weight.

Now you can accurately measure the

success of your exercise and diet program at the push of a button.

Chest high display is easy to read: LED digits stand 40" tall. Four separate computer memory banks let you store your daily, weekly or monthly progress, or you can assign a separate memory bank to each member of your family.

The base is no larger than a standard bathroom scale (12 × 15") and padded for barefoot comfort. Made of steel, aluminum and plastic, weighs 9 lbs. Easy assembly—no tools required. Takes four C batteries (not included). One year manufacturer's warranty.

Everyone enjoys seeing their weight change—especially children. And what could be more encouraging than seeing graphic proof of your own progress at the push of a button?

Digital Memory Scale #PR747 \$119 (5.50).

Zoom across the street or across the cosmos.

Tasco's zoom lens refractor telescope is powerful enough to bring the Andromeda galaxy (2,000,000 light years away) into sharp focus. And versatile enough to produce crisp right-side-up images of earthly wonders. Gaze across the street, or examine craters on the moon. Explore the rings of Saturn, or keep sailboats, aircraft or any moving objects in crisp focus (swivel tripod lets you pan with the action). An easy-to-follow guide to the most spectacular heavenly sights is included, along with the full color Rand McNally Map of Outer Space and Official Map of the Moon.

Zoom from 30 to 90 power magnification with a smooth twist of the eyepiece. Use the micro adjustment on the

66" all-metal tripod for vibration-free planet finding. Also features a 4 × 15 finderscope. Baked red enamel finish on all metal body, azimuth lock, micro altitude control, comfortable rubber eye shield and a distortion-free fully coated 60 mm lens with 73 times the light gathering ability of the human eye. Equals a 1500 to 4500 mm zoom lens on a 35 mm camera, but with a dramatically doubled total field of view. The wide-angle telescopic lens lets you see twice as much as conventional telescopes. Measures 22". Weighs only 15 lbs with tripod. Warranted for life by Tasco, maker of the world's finest personal telescopes. Terrestrial Telescope #TA979 \$239 (7.50).



Finest pocket microscope at special savings.

Panasonic Lightscope is a professional quality pocket microscope that sells in stores for \$40. Due to a special quantity purchase our price is only \$24—while the supply lasts.

Lightscope is by far the finest pocket microscope we've examined. It generates its own illumination. You can use it under any lighting conditions, on any surface. Breathtaking 30 power magnification, smooth rack & pinion focusing, special color compensating filter and precision ground optical glass make possible detailed examination of gemstones, currency and coins, stamps and art objects. Even ordinary objects and surfaces become extraordinary when viewed under Lightscope. The perfect tool for the specialist or collector. Rugged ABS plastic construction. Measures 5 × 2 × 1", weighs 2 ozs. and comes with leatherette case.

Order now at this special low price. Panasonic Lightscope #PA750 \$24 (2.50).



The next best thing to running on soft, smooth, grassy ground.

Bouncing off a flexible, shock-absorbing surface does wonderful things for your body. It exercises all your muscles, builds greater heart efficiency, and removes stored up body fat and cholesterol. The force of gravity in rebounding also yields quicker results than ordinary exercises.

The Bouncer™ Exerciser takes up less space than a small coffee table. It provides a pleasant complement to running. And an alternative for non-joggers (even makes a great energy-absorbing toy for children). Thoroughly engineered for safety: a tough, secure mat—fitted on a sturdy steel frame. Generously cushioned and covered with washable vinyl. Requires only an 8 ft. ceiling. Detachable legs make for easy storage and portability. 33 × 8", 18 pounds. Year warranty. No doubt, this is exercising made convenient. Bouncer #MN686 \$99 (5.50).



Two zone time traveler.

Citizen's new travel clock keeps track of two time zones. And has the loudest 24 hour electronic alarm we've heard in a clock this size. To advance the LCD digits, simply turn the crown. LCD also shows 12 or 24 hour time, month/date/day. Hear a pleasant two-tone chime hourly, or cancel it. Quartz accuracy is ±15 seconds monthly. One AAA battery lasts a year (included). Easel stand folds out for desk top use. Or carry it flat in its red velvet travel pouch. 4½ × 2 × ½". Weighs 2.5 ozs. One year warranty from Citizen, world's largest maker of quality timepieces.

Citizen Two-Zone Clock #CI805 \$49 (3.50).



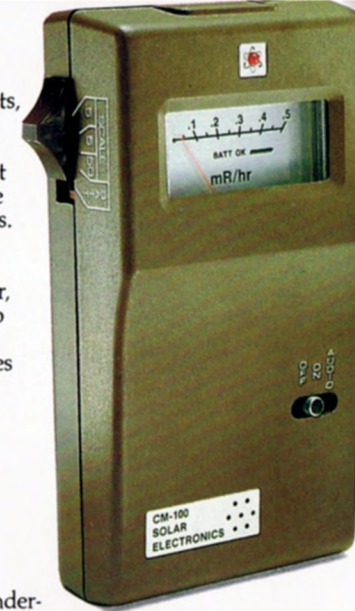
As we went to press, Tasco increased the power even more. Now it's 30X to 90X instead of 20X to 60X as shown.

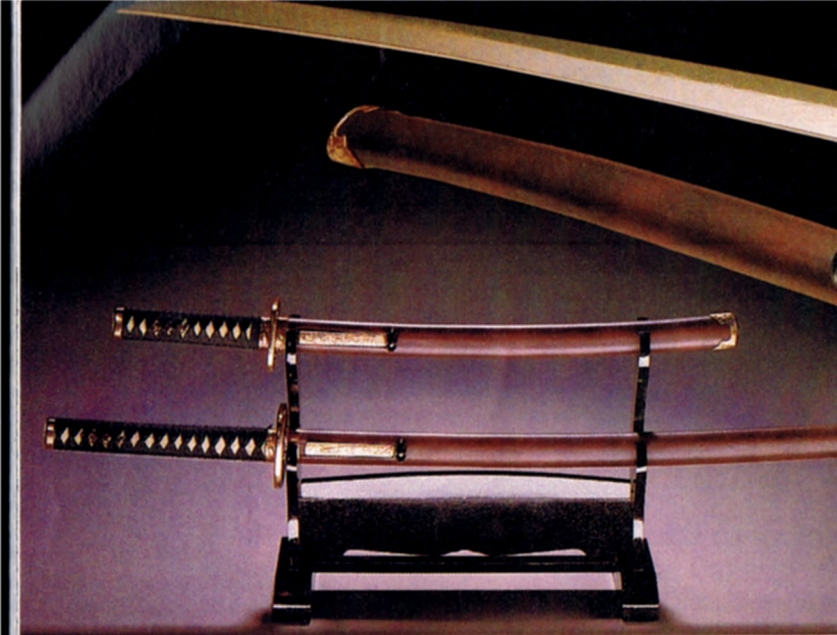


Detect dangerous radiation leaks.

Leaks from nuclear power plants, ocean dumping and undocumented disposal of radioactive waste, secret atomic testing. Now you can protect yourself and your family from these and other potential radiation hazards. Solar Electronics' Personal Geiger Counter gives you the means to monitor building sites, ground water, even foodstuffs. Sensitive enough to distinguish background from abnormal low level radiation. Measures 5½ × 3 × 1½". 1 lb. Comes with manual, 90 day warranty. Made in the U.S.A.

Personal Geiger Counter #SU714 \$149 (3.50).





The Seppuku or Hara-Kiri sword measures 21 inches and weighs 2 lbs. The embossed brass plate on the scabbard is actually the handle of an 8 inch throwing knife.

The combat sword measures almost 40 inches and draws smoothly from the scabbard. Weight is 4 1/2 lbs.

Hand forged Samurai swords.

Together, these two distinctive and highly ornamental swords comprise the *Daisho*—the badge of the true Samurai. Only Samurai were allowed to possess and wear this unique combination.

The longer sword was intended for combat. The shorter reserved for Seppuku or Hara-Kiri. In the scabbard of both are Kozuka blades—small decorative knives that, in the hands of an expert, could be thrown with great precision.

As is Japanese custom, an elaborate etiquette was built up around the two swords. When not being worn, it was required that they be placed on a special pedestal—the Katana Kate—shown here in a lustrous black lacquer finish.

Both swords have hilts of a sharkskin-like material overlaid with

classic braid. Scabbards are of mock leather with intricately ornamented solid brass fittings.

Note that these are not the crude cast zinc or aluminum imitations sold in stores—but are true swords—hand-forged of high quality tempered steel. In material, workmanship and accuracy of historical design, these superb swords have no equal. Since the hand-tempered edges are quite sharp, caution should always be exercised.

This exclusive ceremonial set includes both swords, and the traditional wooden pedestal. They make a rare and most impressive centerpiece for your office or living room. But supply is limited, so please order yours early.

Samurai Sword Set #CL762 \$295 (12.50).

Turn on lights with the snap of your fingers.

Imagine entering a darkened room that lights up at the sound of your footsteps. A room that's also 'smart' enough to flick off lights when it's empty.

Imagine too, an intruder attempting to pry open your window at midnight. Suddenly, room lights are ablaze, frightening him off—and your home and family remain untouched. And who's your fearless protector? A light switch named AudioLite.

AudioLite is a wall switch you never have to touch—because it's sound activated. It turns on lights the second someone enters a room and turns them off when they leave (also works in driveways, patios, porches). **A slave to your every move.**

How much sound does it take? You can adjust AudioLite's sound sensor to precisely any level. At high sensitivity even the clicking of a key in a lock will turn on lights. You can also lower it so an extremely loud verbal command is required. Once activated, lights remain on for the time duration you set, anywhere from 7 seconds to 7 minutes.

Don't worry about lights going off when you need them. Each time AudioLite hears a new sound, it resets and begins counting over—keeping lights on without interruption. There's also a manual On/Off override.

Hall, bathroom, closet or garage lights usually left on for hours are now on only when you need them—lowering your utility bill. And because AudioLite is also a full range dimmer you use exactly the amount of light you need—extending bulb life by 15 times or more.

And you needn't turn AudioLite off during the day—a daylight-sensitive photocell makes AudioLite less sensitive during

daylight hours—so normal daytime sounds won't turn on light inappropriately.

From the first snap of your fingers, AudioLite will be a constant source of amazement to you and your friends. And because it's solid state electronics—with few moving parts to wear out—it will outlast conventional light switches by many years. Its microcomputer circuitry is so reliable there's a one year total replacement warranty: should anything go wrong, the manufacturer will send you a new one, free of charge. After a year, prompt service is available by mail—but it's unlikely you'll ever need it.

Now available for fluorescent lights.

AudioLite replaces your present light switch in minutes using a screwdriver. Both the incandescent and the new fluorescent

versions work with up to 300 watts, and in 3-way installations. Fluorescent AudioLite is ideal for small offices. Looks and operates the same as the incandescent version but without dimmer and daylight sensitivity features. Both are UL approved.

As soon as you try one, you'll want to replace all your conventional switches with AudioLite. Order on trial—you must be satisfied or return all for a prompt refund. Call now and protect your home with this newest brain child of remote control technology.

Single AudioLite #SM652 \$34 (2.50).

Set of 4 AudioLites #SM653 \$99 (4.50).

Set of 12 AudioLites #SM693 \$269 (5.50).

For fluorescent model, add "F" to product code.



Turn on lights with the snap of your fingers—even the creaking of your footsteps.

Shred your secrets.

This new compact paper shredder sits unnoticed in your wastebasket, until you need it. The moment you insert paper into its walnut grained opening, it automatically turns itself on and feeds the paper through. Quiet steel cutters shred anything into unreadable 5/32" strips. Extension arms fit any wastebasket. Housed in tough Cyclocac®, the heavy duty motor never needs servicing. Allows plenty of room to throw non-secrets into basket as well. And the safe contoured feed opening protects your fingers. Comes with 5 1/2' cord.

Weights 8 lbs. Measures 7 x 3 x 12". 30 day warranty. For business or home use, it's time you started protecting your credit card numbers, personal and business secrets. U.L. listed.

Portable Paper Shredder #PK830 \$149 (5.50).

The elegant pulse taker.

Pulsetime is the world's thinnest pulse taking watch.

It's also a rugged piece of Swiss jewelry that's equally at home on a marathon run. Or a black tie affair.

Place a finger on its sensor and see a constantly updated LCD reading of your pulse rate, and the small liquid crystal heart that pulsates with each beat.

Inside are two separate quartz movements. The first tracks the time (and date) with ±5 seconds a month accuracy (there is no finer Swiss quartz movement made). The second quartz crystal vibrates with the beat of your heart, feeding information into Pulsetime's American-made microprocessor. The changing pressures within your finger capillaries are measured with each contraction of your heart muscle.

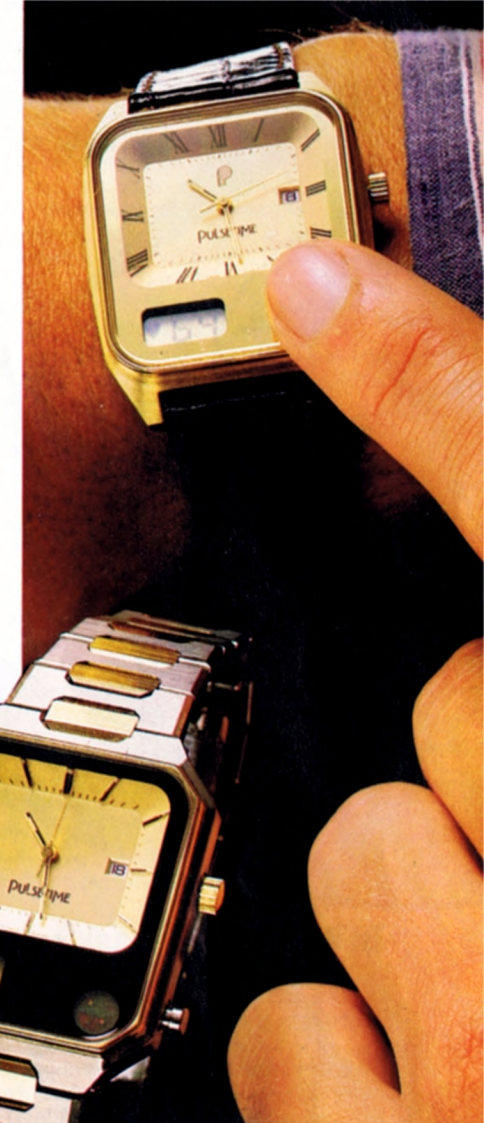
Swiss precision meets American high technology.

Only the finest materials and manufacturing methods are used. The two-tone model is 100% solid stainless steel, both case and band. With 10 microns of gold selectively applied to the links and bezel. The gold model has 10 microns of gold applied to its solid brass case. The band is supple lizard grain leather. The mineral glass crystal resists scratches. Both are water resistant. And unlike other wrist pulse takers, Pulsetime is only 6.4 mm thin.

Now track your pulse while under extreme stress or during utmost relaxation. Track cardiac recovery time after vigorous workouts. Or see the graphic improvement in heart muscle strength that comes from regular exercise. Excellent for recovering heart patients and those with pacemakers. Pulsetime supplies vital information at the touch of a finger. And it does so with unequalled Swiss style and precision.

PulseTime Gold/Leather #BT801 \$249 (3.50).

PulseTime Stainless/Gold #BT802 \$295 (3.50).



Pieces of eight.

Pieces of eight! These magic words conjure up images of wooden galleons, swashbuckling buccaneers and hidden treasure.

Struck in Spain's American colonies between the early 1600's and 1732, these historic coins were popularly known as 'pieces of eight' because their value equaled eight Spanish reales.

Due to the lack of smaller denominations they were often cut into eight pieces, called bits, from which comes the expression 'two bits', 'four bits', etc.

Each is approximately 90% silver. Their 'melted' look is their original shape—characteristic of most coins struck in early Spanish America.

These irregularly shaped coins are truly individual, and rapidly disappearing. Please order now—current supply is extremely limited.

Authentic Silver Reales Coin #KA857 \$175 (3.50).





Dramatic wall clock stops conversations.

This dramatic 25" Howard Miller wall clock has a hand polished solid oak case, gold finished bezel and glass crystal over its warm white dial. Oak case is 3 1/2" deep.

A separate dial offers an independent sweep motion second hand. This clock features two of the finest quartz movements made. Each is accurate to ±5 seconds a month. One drives the hour and minute hands, the other drives the second hand. Two ordinary C batteries (not included) keep perfect time for more than a year.



Howard Miller makes wall clocks of the highest quality. Over two feet in diameter, this dramatic timekeeper will draw every eye to its rich beauty. 1 year limited warranty. Only the finest hand-worked materials are used. Time never stops, but conversations will—when your friends see this stunning, but functional wall clock. Howard Miller Clock #MH964 \$249 (9.50).

In a fire, this mask could save your life.

Smoke inhalation (rather than flames) is the major cause of death in hotel and home fires. Which is why a major Japanese industrial safety firm spent four years developing the Emergency Escape Mask.

A U.S. Consumer Product Safety Commission report found that, while the Escape Mask is not an efficient absorber of carbon monoxide, it does filter smoke and absorb acid-gases such as hydrogen cyanide and hydrogen chloride. (These gases are more immediately felt than carbon monoxide, and can cause difficulty in breathing, palpitations, weakness, collapse and convulsions.) Designed solely for quick escapes, the mask should never be used to linger or go back into a burning building. The government report concludes*: "It is possible to foresee conditions under which the use of this mask could result in saving the user's life." The Escape Mask is the best mask in a reasonable price range. Used properly, your odds of escape can be much improved.

Comes folded in a storage pouch. Measures 8 x 4 x 2". Fits both children and adults. Made of fire retardant polyvinyl. Buy one to keep in your suitcase and one for each member of your family. It could save their lives.

Set of two Escape Masks #KT740 \$59 (3.50).

*Although government reports are informative, they are not to be construed as endorsements of particular products.



World chess master. Trapped in a computer.

Mattel Electronics® Computer Chess brings ultra sophistication to the game. Four skill levels take competition from novice to highly experienced. It's a totally self-contained game. The LCD playing board offers shape recognizable pieces visible indoors or out. No extra playing pieces. Moves are made electronically. If your game strategy fails, you can take back up to three moves. Ask the computer for help on your next move. Computer Chess can help you sharpen your game and improve your playing ability. Play against an opponent. Play against the computer. Or watch as the computer matches wits against itself. Use the special option to set up selected moves—mating threats, checks, or practice your attacking and retreating tactics. You can even save your unfinished game—for up to several days. It's the perfect game for the chess addict. Uses 4 "AA" alkaline batteries, not included.

Recently, 100 games were played against the leading competitor, Fidelity's Chess Challenger 8. Mattel won 62% of the time. Programmed by international chess master Julio Kaplan, the Mattel plays more like a real person than a machine. 90 day warranty. Measures only 4 x 7 x 1 1/2" and weighs 10 ozs. Match wits with a master chess player anywhere and anytime. An ideal gift for the chess enthusiast. Mattel Chess #MT956 \$129 (3.50).



Synsonics. Try the world's first synthesized drum set.

Even if you can't keep a beat, Synsonics Drums by Mattel make you sound like a professional drummer, and in full stereo. An advanced, self-contained microcomputer produces remarkably realistic drum sounds.

Play the four separate drum pads like bongos, or with drumsticks (not included). The pads are pressure sensitive, so the harder you strike, the louder they sound. Synsonics has a Snare, Tom Tom 1, Cymbal, and Tom Tom 2, just like a professional drum set. Each can be programmed for a variety of tempos and automatic beat patterns. You can tune Tom Tom 1 over a five octave range to produce synthesized space sounds, and change the cymbal from ride-sizzle to closed hi-hat sound. There's even a bass drum which can be used as a metronome at any tempo from 25 to 300 beats per minute.

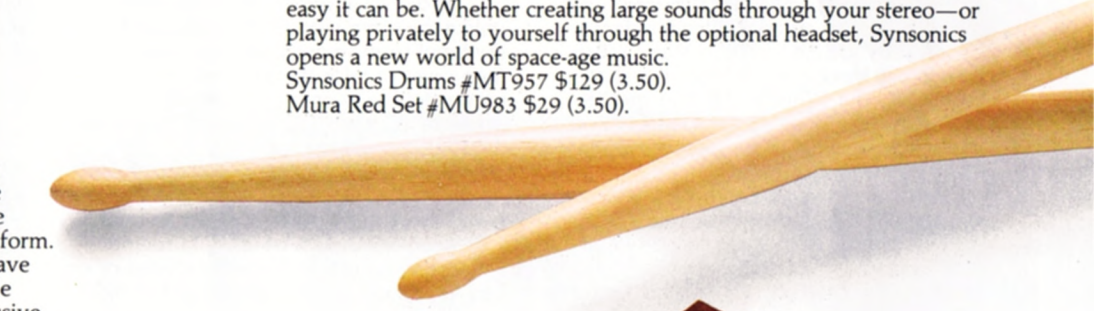
Compose at the touch of a button.

With Synsonics' three separate 16 beat memories, you can record and playback your own compositions. Combine the memory with spontaneous play and control keys to produce many thousands of musical combinations. Synsonics is so sophisticated even professional drummers will be challenged by its memory capabilities. But you don't have to be a pro to sound like one.

Just plug into your home stereo with the included interconnect cable. Synsonics Drums surround you in stereo sound. The snare and Tom Tom come from your left speaker. Cymbal and Tom Tom 2 from the right. The bass drum is balanced in the center.

You can also listen through headphones. Mura's 1.6 ounce Red Set VII (pictured) is ideal. Its new Magnetic Flux Upriser works with Samarium cobalt drivers to produce superior bass and crisp highs. Red Set also connects to any personal stereo or home component system.

Synsonics measures just 9" x 8". Weighs 2 lbs. 90 day warranty. Uses 6 C batteries or standard AC adaptor (not included). If you've dreamed of playing drums like a pro, call now and find out just how easy it can be. Whether creating large sounds through your stereo—or playing privately to yourself through the optional headset, Synsonics opens a new world of space-age music. Synsonics Drums #MT957 \$129 (3.50). Mura Red Set #MU983 \$29 (3.50).



See your weight at eye level.

Unlike expensive upright scales that register at waist or chest height, this scale gives a large, bright digital readout at eye level, or anywhere up to 6' from the platform.

Highly accurate electronic sensors have a range up to 300 lbs. Novus is switchable from pounds to kilograms. Thin, unobtrusive cable connects LED module to the platform (11 x 10 x 3"). Exclusive "zero-out" feature lets you weigh babies or pets while holding them. 1 year limited warranty. 9 volt battery (not included) lasts over a year. Now, you won't have to find your glasses to find out what you weigh. Novus Digital Scale #WE955 \$59 (5.50).



Improve on tradition. Own an attache of wood.

You rarely see a hand-rubbed hardwood attache—yet nothing is more distinctive. Unfortunately, it usually costs over \$300.

Our own case is solid oriental Kalin wood, noted for its luster and durability. Brass fittings include Presto self-set combination lock, costly piano-hinged spine, and ferrule inserts for the handle. The interior is lined with beige suede vinyl, and has a snap-out, pocketed accordion file. Measures 18 x 12 1/2 x 3". Weighs 6 lbs.

For the home, a lockable convenient storage case. For the office, an outstanding accessory that's guaranteed to invite compliments. Wooden Attache #DN678 \$139 (4.50).





Police radar meets its match.

Radar detectors should do two things well: give you as much advance warning of police radar as possible, and screen out false signals. The GUL Micro Scan has been tested numerous times against the country's leading standard radar detectors, and has demonstrated a detection distance significantly greater on both X and K bands.

In a comparison test *CB Magazine* revealed an unprecedented comparison showdown involving 12 leading standard detectors—some with prices as high as \$200.

The \$99 GUL outperformed them all. In additional tests conducted by Canadian Tire Corporation and *Motor Consumer Report*, the GUL demonstrated a detection distance significantly greater (on both X and K bands) than its top three competitors—the Fuzzbuster XK, the Whistler XK and the XK Snooper. (For test results on GUL's advanced Superheterodyne detector, see page 12.)

Plenty of warning.

Signals of .01 millionth of a volt are sufficient to trigger the GUL's scanning alert system (ranging from 9.445 to 24.445 GHz). It successfully detects all police radar—including the new KR-11 short pulse—over a 9,030 foot range.

The GUL has a nondirectional antenna;

its horn receiver pulls in signals from front, side and rear. This 360° detection field maximizes sensitivity, providing you with valuable warnings—even when approaching hills and curves. *CB Magazine's* comparison bears this out: in a K band test for around-the-curve sensitivity, the GUL's detection range was double that of the Fuzzbuster and Super Snooper. And nearly three times greater than the highly regarded Whistler. On X band pickup from the side and behind, it was found to be the most effective detector in the dozen.

Doesn't cry "wolf".

Its diecast and extruded aluminum case, unlike the often used plastic cases, protects the input from stray signals—the most common cause of false alarms. And the GUL uses a double warning system: in the presence of radar, both tone and light come on, so you're always sure.

The under-the-hood model (pictured right) is sealed against moisture and extreme temperature and installs in under an hour with ordinary tools. The 2" x 1" remote warning panel can be placed overhead or on the dash so everything's neatly out of sight.

The dashboard model (pictured left) can easily be concealed under a tissue box, with-

out affecting operation. Velcro mounting allows for quick installation or removal. To use, simply plug it into your cigarette lighter.

Both models measure 4" x 3" x 4½" and weigh 20 ounces. Full instructions and 120 day warranty.

Order the GUL Micro Scan today. Road test it yourself. Let GUL's reputation for quality protect your driving record—and your wallet.

Remote/Under Hood
Micro Scan #GU355

\$129 (2.50).

Dash Mounted

Micro Scan

#GU131 \$99

(2.50).



Telephone art from the AT&T of Denmark.

New York's Museum of Modern Art has added this remarkable phone to its permanent collection. And Playboy has singled it out for design excellence.

But equally remarkable is the technology inside. Solid state electronics add crisp, clear fidelity to your conversations. And like a quality Bell System phone, it withstands rugged use and mishandling. Drop it or knock it off a nightstand—and it works good as new. Every component is rigorously tested before it leaves the factory. This is a standard model used by the Danish national telephone system. Fully FCC and Bell approved, it produces true Touch Tones™—giving you access to money saving services like MCI or ITT City-Call.

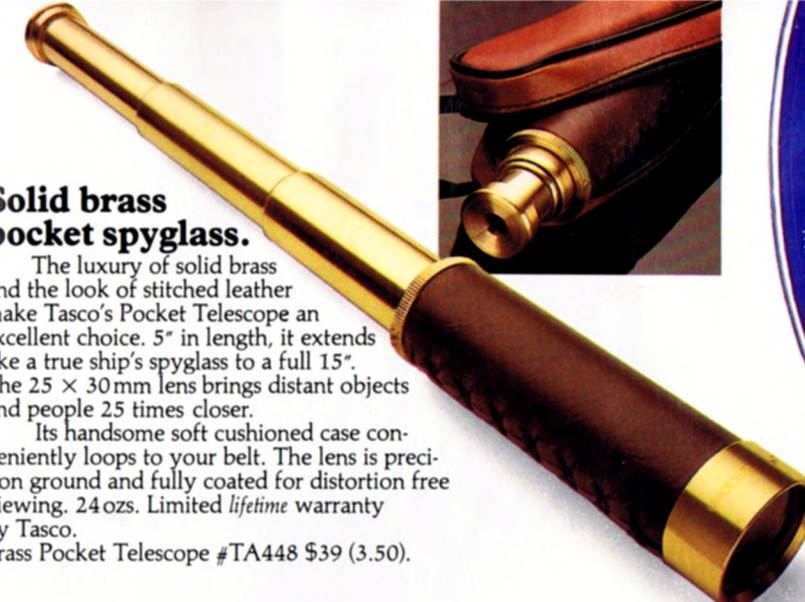
Pleasant electronic ring is a welcome change. And you have a scale of four distinctive tones to choose from. Handset plugs into either side, to accommodate right or left hand use. One year total replacement warranty. Measures 6 x 9 x 1½". Coiled cord stretches to 6 ft.

For \$129, you can own this distinctive phone—and save a lifetime of telephone rental charges. Danish Telephone #GN810 \$129 (3.50).

Solid brass pocket spyglass.

The luxury of solid brass and the look of stitched leather make Tasco's Pocket Telescope an excellent choice. 5" in length, it extends like a true ship's spyglass to a full 15". The 25 x 30 mm lens brings distant objects and people 25 times closer.

Its handsome soft cushioned case conveniently loops to your belt. The lens is precision ground and fully coated for distortion free viewing. 2.4 ozs. Limited lifetime warranty by Tasco. Brass Pocket Telescope #TA448 \$39 (3.50).

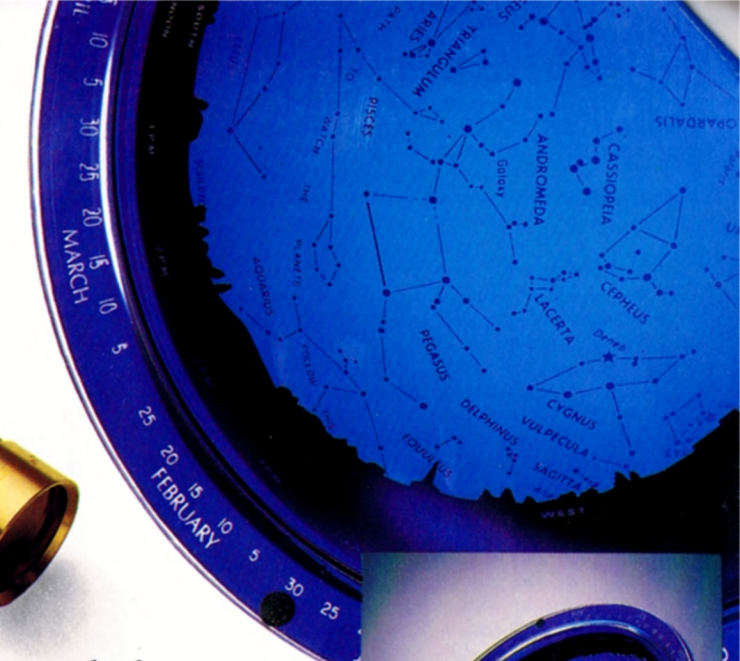


The night sky on your desk.

The Bowl of Night ingeniously solves the ancient problem of representing the night sky. All you do is match the time to the date. The Bowl then duplicates the night sky above you in exact detail. You can identify stars and constellations, or even chart the path of the planets. The two silk-screened acrylic hemispheres come with stand and full instructions.

Measures 14" in diameter and weighs 4 lbs. More than a star-finding tool—its classic style fits any decor, office or home. The durable acrylic will stand up to hard use, and give you a lifetime of pleasure.

Bowl of Night #FA809 \$65 (3.50).



Phone Censor screens your calls like a private secretary.

Put Phone Censor on Code setting, and only friends given your secret code can get through. Crank callers, wrong numbers and solicitors will hear normal ringing—you'll hear nothing. Code can be turned off at any time, allowing all callers.

When your phone does ring—Phone Censor replaces harsh rings with your choice of a pleasant three or six note chime.

Annoyed by constant ringing? Set Phone Censor on Single Chime and your phone chimes only once. Then a flashing light takes over—leaving your work or pleasure uninterrupted.

Want total peace and quiet? Phone Censor silences your phone for 1, 2 or 8 hours—and turns it back on automatically.

There's even a Delayed Chime feature that replaces the first three rings with a flashing light, and starts chiming on the fourth—so a secretary can answer on her extension during the first three rings—leaving you undisturbed. Table or wall mounts. ABS and aluminum construction. 8 x 3 x 1". Plugs into any modular jack. Three AA batteries (not included) last two years. Won't interfere with answering machines or other phone equipment. Made in USA. Now you can control when and how your phone rings. And who ultimately gets through. Duplex jack (pictured) not included. Phone Censor #CR710 \$49 (3.25).



Son of KLH.

For 25 years KLH has set the pace in high performance audio equipment. Their KLH 20 was the most popular table top radio of all time. Now you can be first to own its brilliant successor—the TR82.

The TR82 delivers ultra high quality FM stereo—using only 6 watts per channel. It can easily fill a room, yet measures a compact 12 x 6 x 7". Total harmonic distortion is less than 1%. Sound is pure, crisp and undistorted. Features two full range air suspension speakers (same design as KLH's largest). One is built-in. The other can be placed up to 8' away.

Precise digital display tuning counts off the frequencies as you turn the dial. With the press of a button the tuning display becomes a full function clock with 24 hour wake-to-music alarm. Also provides go-to-sleep music (shuts off automatically).

Other controls include muting, loudness, treble, bass, balance and signal strength indicator. There's even an auxiliary input jack for connecting a turntable or tape player. Genuine walnut veneer cabinets have a beautiful furniture quality appearance. Control panel is brushed metal. One year warranty. Call now and own KLH's newest table top FM stereo. KLH Table Top FM #KL732 \$219 (7.50).

The rolling radiator.

Developed by a team of British engineers, this intriguing looking electric radiator can cut your fuel bill by as much as 15% or more.

Filled with mineral oil, it spreads heat evenly and efficiently, eliminating needless blasts of hot, stuffy air.

Unlike other portables, the Dimplex-engineered thermostat responds to air temperatures (not the radiator's), so you can maintain more precise settings. And because oil retains heat better than water, the Dimplex continues to warm a room—even when not consuming electricity. Completely sealed, the odorless oil never needs changing.

Has built-in rollers and six foot cord. Oil, incidentally, can't freeze. 31" x 23½" high; bronze finish. Draws a maximum of 750 watts from ordinary 120V house-hold current to produce a generous 2560 BTUs of warmth. Two year warranty.

Warm up to the portable heating system of the future—today.
Electric Radiator #DX300 \$130 (6.50).

Build this historic vessel with your own hands.

This eight gun British fighting ship was modified by scientist Charles Darwin. Equipped as a floating laboratory, the Beagle's voyage to the Galapagos Islands was a landmark in the history of science.

This superbly detailed kit was designed by Italy's master model builder, Luigi Volonte, from the original 1817 blueprints. This is a faithful, plank-for-plank replica that you build just like the real ship. Only the finest materials are used. Deck and hull planking are walnut and beech. Frame and keel are sturdy plywood. Fittings are gilded metal, brass and wood. Length: 26". Height 17". Most parts are pre-cut for easy assembly.

An excellent kit for the beginner, the Beagle comes with tools, glue, blueprints, detailed instructions and the book, "How to Build Ship Models—A Beginner's Guide".

Because of the wealth of detail, about 150 hours of assembly time are required. But you'll have much to show for your efforts. *Finished models of this type sell for up*

to \$3500, depending on skill of the builder. The \$129 price includes Exacto's Deluxe Miniaturist Tool Chest (a \$25 value). No returns are accepted once bubble packs of parts are opened. But any parts that are missing—or any parts that you lose or break—will be replaced free of charge. Call now and experience the sense of accomplishment and satisfaction—as you create a family keepsake that will be valued for generations.
H.M.S. Beagle Kit #MO969 \$129 (4.50).



Update on the classic earring.

Earrings are the essential fashion accessory. Here, the classic hoop has been redesigned in these 14K gold earrings.

Hinge posts suspend the graceful ¼" teardrops. All 14K gold. The effect is understated allure: perfect for business or pleasure.

So lightweight, there's no unpleasant tug. Ideal for the smartly dressed woman who knows little things count.
Teardrop Earrings #ZS974 \$85 (2.75).

Seat has quick-release lever for easy height adjustment.



Lugs (left) make it stronger than any welded bike. Monster Mafac brakes (right) stop on a dime. Water bottle not included.

Professional daredevil tripod.

This German-made 5-piece combination Tripod Touring Set is quickly and universally adaptable for filming or photographing on any surface, from any angle and from any position, indoors or outdoors. The special Clamp, Suction Pad, Ground Spike and Wood Screw ensure a secure camera support in any terrain. Fits still or motion picture cameras.

The Universal Clamp secures your camera to branches, beams or pipes. The Ground Spike anchors in soil for maximum stability. Wood Screw attaches to any non-living wood substance. Suction Pad provides a safe, rock-hard mount on glass, metal or plastic surfaces.

The Touring Set's foundation is its quality Cullman tripod. Sturdy, durable and light (only 18 ozs.), its compact size makes it an ideal take-anywhere tripod. Extends from 1 ft. to 2.7 ft. Removable center column and ball and socket head may be combined with any other part of the set for even more picture taking variations. Made of anodized aluminum. These are the kind of accessories used by motion picture companies for exciting action shots. Total weight of the set is only 3 lbs. Five year warranty from Cullman—West Germany's largest manufacturer of quality tripods.
Cullman Tripod #VV978 \$99 (4.50).



Stumpjumper bike. Learn to fly.

It's not a dirt bike. It's not a ten speed racer. And it's not a Newsboy Special. It's all of them. And none of them. It's simply the most rugged, versatile and exciting bicycle in the world. And you can take it anywhere you have the nerve to go.

Stumpjumper is a 15 speed all-terrain bike that weighs only 29 lbs. That's only a few pounds more than the lightest ten speed racer.

Try jumping logs on a ten speed. No way. But Stumpjumper takes rocks, stumps, hills—the toughest dirt trails. And comes back for more. The oversized nylon-biased balloon tires are tough but light. They absorb the shock of rough trails yet run incredibly swift when you're back on pavement.

Tour the world.

Stumpjumper is perfect for long distance touring. It can take the heaviest loads on any kind of road.

Frame, 19½" or 21½" is chrome alloy tubing put together with lugs—not welded. Chrome-moly handlebars. TA alloy triple crankset with a flawless 15-speed pattern. Suntour ARX componentry. And Tommaselli forged brake levers developed in Europe for motorcycle racing. Very exotic stuff. From France, Italy, Japan and Switzerland. And when Stumpjumper's American engineers couldn't find components good enough, they built their own. Then put everything together slowly by hand. They take pride in their finished product, and reputation as America's leading maker of all-terrain bicycles. You will too.

Conquer the asphalt jungle.

Skinny ten speed tires can be a terror for city bike commuters. They can get caught in gratings and grooves. Stumpjumper's oversized knobblies take the worry out of city biking. And the anatomically designed seat and comfortable upright riding position give you a safer ride in heavy traffic.

And when the urge hits, leave the pavement and hit the trails. Stumpjumper is the toughest thing on wheels. And to prove it, it's backed by a lifetime warranty on materials and workmanship. Comes test ridden, completely assembled and carefully boxed. Rediscover how much fun riding can be. But please order early as quantities of this hand assembled beauty are definitely limited.

Stumpjumper 19½" #SJ975 \$499 (24.00). Fits to 5'9".
Stumpjumper 21½" #SJ976 \$499 (24.00). Fits over 5'9".

Are you missing half of your messages?

People are either writing you or calling. Sure, you check your mailbox. But what about your phone messages? Who called? Did you get the message?

Maybe it's time you got an electronic mailbox. Cobra's new remote answering system gives you a full range of features that usually cost hundreds more.

The dual function remote key allows you to listen to your messages from any phone, anywhere. Also lets you rewind remotely, or save messages for future reference.

The VOX feature records for as long or as short as your caller talks—up to two minutes. If they hang up without leaving a message, the Cobra automatically disconnects, freeing your line and wasting less of your time listening to dial tones. The dual cassette system lets you keep a library of outgoing messages to change whenever you like, or record a conversation for future reference.

The audio speaker has a built-in amplifier, so you can monitor incoming calls or check your messages from across the room. With its matte black control panel and woodgrain trim, the Cobra is sleek and good looking.

The remote pager is smaller than a deck of cards. But perhaps the most attractive feature is the price: only \$139 for the remote performance and quality you expect from Cobra.
Cobra Answering System #CD962 \$139 (4.75).



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