



 **DAK**  
INDUSTRIES  
INCORPORATED

*Early Summer 87*



# DAK INDUSTRIES INCORPORATED

LB09

8200 REMMET AVE., CANOGA PARK, CA 91304

Dear M F Aguilar,

My name is Drew, and I've probably got the neatest job in the whole world.

I'm writing to you because, from the list I found your name on, I think that you may be a lot like me!

I'm sort of the ultimate electronic gadget freak. Plus, I like to be ahead of the crowd. That's why my job is so neat. I get to play with the newest electronic gadgets, usually even before they hit the market.

Virtually everything in my home is remote controlled. And I'm testing computers, VCRs, tape decks, equalizers and lots of other electronic devices in almost every room in my home. (Much to the chagrin of my wife.)

My catalog will take you on a journey through the never never land of new electronic technology. I personally test every product in my own home. And, I write every word in this book.

But don't worry, DAK is a very substantial company. And, your purchases are well protected by our double risk free policy. (See our order form.)

DAK has over 1,600,000 customers, and we've been offering BIG DISCOUNTS on electronics for over 15 years. We have a large friendly staff to take care of all your electronic needs.

But, I choose the products. And, this catalog is all mine. Since I can't actually sit down and talk to you, M F Aguilar, I write about both the good and bad parts of each product as if we were talking together.

It's not a bad life that I have, playing with each new electronic breakthrough product. The hard part is selecting only the best products that will make our lives most exciting.

Sincerely,  
DAK INDUSTRIES, INC.

Drew Alan Kaplan  
President

# Sound Barrier Streaker

You'll streak through the heavens of disbelief the first time you put on the earphones or connect this AC/DC programmable CD player to your stereo system. At home or away, your music will explode with 5hz to 20,000hz life. Everything is included for just \$149<sup>90</sup>.

By Drew Kaplan

There's no warning. There's no record noise, no tape hiss. Vibrant but finely detailed music just explodes from your earphones and stereo system.

Citizen's 3-Beam Laser Servo CD is at home, plugged into our stereo system (AC and patch cord included), as it is on the move with you (battery case, shoulder strap and earphones included).

The sound is like a shock wave reverberating through your home. It's like the blazing flash and violence released by a lightning bolt as it streaks to the earth. This is the experience you can expect when you first hear digital audio sound.

Forget any experience you've ever had before with stereo. CD audio is an awesome advance that dwarfs the switch we made years ago from 78s to LPs.

Imagine listening to music with a frequency response from 5hz to 20,000hz. And, flutter and wow is "unmeasurable".

The sound quality, and yes, the sonic violence will thrill you. I've spent over 15 years on the test bench and in the studios, and the only equal I've heard to this sound is 'live sound'.

And, live sound doesn't mean the sound you hear at a concert where you are simply listening to the auditorium's PA system. Live sound means sitting right in the middle of the orchestra.

I know, I'm a cellist. And, there's just no sound experience like the sound we hear in 'the pit'.

## BUT WHY A PORTABLE?

Forget conventional audio components. CD players are computers. There's no reason a portable can't be 100% equal to a 'sit-on-the-shelf' CD. It uses the same heavy over-sampling. It uses the same type of 16 bit linear digital to analog converters. And, it could be smaller if it didn't have to accommodate the CD disc.

Since CDs are new, a portable lets you make the most out of your collection.

You can simply plug it into different stereos in different rooms, or take it with you wherever you go.

It's just 5" X 5" X 1 1/4". And It comes complete with all the accessories you will need (pictured to the right). Just program up to 16 selections and prepare for a sonic adventure.



## NO SOUND AT ALL

CD gives you a signal to noise ratio of 90db. There is, for all intents and purposes, absolutely no hiss, no scratch, and best of all, no surface noise.

You've got to experience the silence during very quiet passages to comprehend the sonic adventure of the music. It's as if your stereo wasn't even on, and then suddenly, a thunderclap explodes!

Conventional records and tapes have a dynamic range of perhaps 50 db. Dy-



namic range is simply the difference in sound level (volume) between the softest and loudest recorded sounds.

CD gives you a 90db dynamic range, which is roughly equivalent to the difference between absolute silence and standing next to a jet engine.

Your music will be dramatically more exciting. You won't have to carefully compare CD to conventional sound. From the very first note, you'll be in shock.

## ROARING ON

This Japanese made, 3-beam, laser servo system with heavy sampling, supplies superb sound. Plus, it's loaded.

You can select up to 16 tracks in any order you like. There's even a repeat pad. So, you can repeat selected tracks or the entire disc, forever.

Just touch a pad and you can skip to

than an awesome price. It's backed by Citizen's standard limited warranty.

## A SONIC SOUND STREAKER RISK FREE

Experience music with a thrilling frequency response and sonic range. Plus, you'll be thrilled by the hiss and background noise you won't hear.

If you're not 100% satisfied, simply return it to DAK within 30 days in its original box for a courteous refund.

To order Citizen's Top Of The Line Portable and Home AC/DC Compact Disc Player with 16 program capability, complete with Battery Case, Strap, AC adaptor, Earphones, and Stereo System Cable risk free with your credit card, call toll free, or send your check for DAK's Sound Streaking price of just \$149<sup>90</sup> (\$4 P&H). Order No. 4703. CA res add tax.



the next track during play, or repeat the track you are listening to.

An LCD display shows you the track that is playing, the elapsed time, or the total time of the disc.

To use it on the move, just drop 4 AA batteries into its included battery pack, slide in the CD, put the shoulder strap over your shoulder and the earphones into your ears, for a sonic odyssey.

Installation at home consists of simply plugging the included patch cord into any 'Aux' input in your stereo system and plugging in the AC adaptor.

Whether this programmable CD becomes a permanent part of your stereo system or moves with you, or both, you'll enjoy awesome sound at incredibly less

It may strain my credibility to describe any device, let alone a portable that I'm offering for only \$149<sup>90</sup>, as providing sound many times better than anything you've ever heard before. But, use DAK's risk free trial to experience this bigger than life sound for yourself.

And, CDs are really tough. Take them with you and enjoy dramatically alive sound virtually anywhere you go.



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Any Other Inquiries . . . 1-800-423-2866  
8200 Remmet Ave., Canoga Park, CA 91304



## Video Werewolf Persuasive Presenter Close-Out

For business presentations, family outings (even in the kitchen or bedroom) or copying STEREO tapes, Citizen's new One Piece AC/DC Stereo VHS Video Cassette Player with built-in high resolution 5" color monitor, lets you have it all. This is an industrial business product, but at DAK's close-out price, now it's great for home use too.

By Drew Kaplan

It's movies on the move. Now you can watch movies or show sales presentations **anywhere**, totally hassle free!

On your desk, in your car, on an airplane or in the mountains, this industrial presentation system will instantly provide superb video and audio quality.

Forget hooking up components. Forget cables. Forget being locked to an AC plug. In fact, forget setup at all.

In your office, in your bedroom or in your camper, just put in a VHS video cassette and start watching. Citizen's complete presentation/entertainment system unlocks video for you instantly.

Whether you're presenting a sales message to a prospective customer, working on your car in the garage or lying in bed, this hassle free system instantly plays your VHS tapes.

It's small enough to place under an airline seat. It's small enough to sit on the corner of a customer's desk. Yet, it's big enough to tell **your full story**.



At home, you can carry it from room to room. Why be tied down to one room to watch tapes. It's as easy to carry as a briefcase. Cook in the kitchen or relax on the patio. This rugged industrial system is made to be on the move.

### RIGHT MOVES

You can be confident of the industrial rugged dependability of this new **Japanese made**, video presentation system from Citizen Business Machines. Citizen made it to compete with presentation systems in the \$1,000 range from companies like DuKane®, and Panasonic®.

When it was developed, Citizen never dreamed this industrial system would sell for DAK's close-out price.

Imagine, a video presentation system designed to be tough enough for continuous use in library media centers (the headphones are included) and industrial training departments.

Consider the engineering that allows this unit to be dragged from meeting to meeting by salesmen, investment bankers or training directors. Citizen built these systems to withstand the rigors of years of heavy use.

So, use it all day to demonstrate your products at a trade show. And then, take it back to your hotel room at night so that you can curl up with a good movie.

### USE IT ANYWHERE

Plug in its included AC cord the minute it arrives and you'll be watching video in seconds. There is absolutely nothing to hook up. There's nothing to set up. It's ready to use right out of the box.

But, what if you can't plug it into AC? Well, Citizen had a Lead Acid battery pack (good for only 150 charges) and Car Cord they offered for \$150. DAK rejected the accessories and we've put together a very special bonus.

For just \$69<sup>90</sup> look at what you get! You get a 12V NiCad battery pack good for 1000 charges. You get a padded battery bag. And, you get a charger. If that's not enough, you also get a car cord. So

for just \$69<sup>90</sup>, you can use this incredible video presentation/entertainment system wherever you like.



And speaking of places I like, the back seat of the car is great for my kids. Now for long drives, I just give them a movie and they are entertained for hours.

### DREW'S VIDEO WEREWOLF

So what does a werewolf have to do with video? Well, I had real trouble naming Citizen's system. If I had only called it Persuasive Presenter, it would **simply** be perceived as a business product.

And frankly, it's become my family's favorite video source. Even my 9 year old son simply carries this 22 pound wonder into his room to watch movies.

So, a Video Werewolf is a business product by day as it teaches, sells and demonstrates, and then it transforms into an entertainment product for you at night, on the weekends, and on vacations. And, if you have a second home, wow!

But, can you see a U.S. Government Agency trying to explain the purchase of a Video Werewolf?

So, no matter what I call it, you can call it a Citizen VCP-5MU. What a boring name for such an exciting breakthrough!

### THE BUSINESS OF IT ALL

It's true. I walked into my investment banker's office and he had two video cassettes on his desk. He said, "I'm going to watch them in the conference room".

...Next Page Please



...Presenter Continued Well, most companies have video in their conference rooms. But if your conference room is anything like DAK's, it's often booked so you can't get in.

Now you can watch tapes in your office between phone calls or with visitors.



**SALESMAN'S WONDER**

From the boardroom to the selling floor, this machine demonstrates all angles of your product or service and delivers your message. And boy, does it capture your viewer's attention!

You'll achieve a tremendous impact when you show a product in action on video, rather than showing a catalog sheet. Video is a powerful persuader.

On the road, this 22 pound briefcase size sales tool is so portable and easy to use, you won't want it left behind.



When you walk into a prospect's office, you can have the tape 'rolling' in seconds. So, you'll have your prospect's attention instantly and the video will present your product or service **IN ACTION**.

More and more retailers are using video. It's called point-of-sale market-

ing. From the lipstick counter for customer-stopping 'How To' apply makeup videos to fashion shows on video, customers will stop to look.

Forget repetitive sales presentations. With video, you do it once. You can polish it. You can refine it. And then you sell.

**TRAINING DIRECTOR'S ANSWER**

From safety films to sales training, everything is available on video. Now you can bring the video to the production line, the lunch room or a spare office.

You can train in groups. You can train individually. And, you can send this 22 pound trainer home with the trainees.

There's nothing like seeing how things are done. From forklift driving skills to assembly techniques, video is the ideal training medium. And, its ease of use makes this the ideal training aid.



**EDUCATION**

In learning centers, libraries and classrooms, the AV department will be thrilled with these heavy duty machines.

After all, who's tougher on machines than kids. With this video system, and its included headphones, you can line 10 of them up and have individual instruction. Or, use the powerful built-in speaker for groups.



With Citizen Business Machine's rugged system, you can effortlessly move video from room to room without worry.

Since there are NO wires to connect, you can have video in seconds. And you won't need an AV specialist to help each time the video has to be set up.



**IMPORTANT NOTE**

For large groups or copying tapes, Citizen has provided both stereo audio

and video outputs. So, you can connect this presentation device to any size video monitor or even projection TV.

For individual presentations, for small groups or even large auditoriums, this is the one system to use.

**UNENDING USES**

For giving seminars, for use in hospital rooms or for insurance training, you'll have video wherever you wish.

It's particularly useful in doctor's offices because there's so much information coming in for doctors on video. And, for patients, there are many educational tapes available on various procedures.



For real estate it's a natural. You can take video 'Walk-Throughs' right to client's living rooms. If you were a client, wouldn't you rather buy from the agent who offers you the best service?

**THERE'S NO BUSINESS LIKE**

Ah, to be in show business. Well, if you're a producer, a movie star, a dancer, an agent, or have anything to do with the entertainment business, now you can view the action wherever you are.

And, if you're in advertising, is there any better way to show clients, or review your work, than with live video?

**HOME USE WONDER**

Most VCRs are made to be lovingly placed on a shelf and never moved. But, Citizen's industrial system is an entirely different animal.

Forget watching movies in just your living room or den. Now you can have video wherever you want to be.

Put it on your kitchen table while you have dinner. Put it on your nightstand if you feel like staying in bed. And, take it outside whenever you please.



Whether you rent movies, or want to play back TV shows you've recorded, Citizen's system will provide you with superb video quality and great sound.

And speaking of great sound, there's a rich sounding built-in speaker.

But, to enjoy the thrilling stereo sound, you need to use either the included Samarium Cobalt Stereophones, or the stereo line outputs to connect to your stereo.

Stereo sound adds unbelievable realism to your video. And virtually every tape you rent is recorded in stereo. So, you'll enjoy vibrant stereo all the time.

If you want to copy a tape, simply play it on the Citizen and use patch cords to connect to a VCR. You can copy in stereo.

..Next Page Please

...Presenter Continued or monaural. **Note:** Many movies are copyrighted and it is illegal to copy them.



### ON THE ROAD

If you have a camper, a car or a second home, you'll love this complete system. And, who doesn't at least have a car.

Just plug it into your car's cigarette lighter. This small briefcase size portable goes where you go, so you won't have to leave it behind.

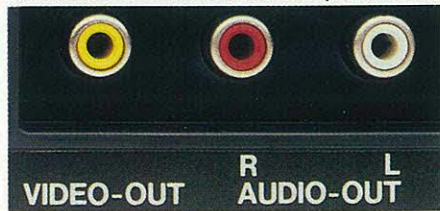
So, for your children or yourself, you can enjoy movies or recorded TV shows at an instant's notice in any room in your home, or virtually anywhere you go.

### JUST THE FACTS PLEASE

Citizen's industrial presentation system consists of an industrial quality VHS cassette player and high resolution 5" monitor. The picture is breathtaking.

It is only 16 1/8" wide, 4 7/8" tall and 12 7/8" deep. It has a swing-out handle that also tilts the screen.

The heavy duty dual-head stereo VHS deck plays standard SP VHS tapes. It's front loading. And, the deck features high speed forward and reverse search as well as automatic end of tape rewind.



There are Audio (Left and Right) line outputs to connect to any Aux inputs and a direct video line out. There's a detachable AC power cord, and a 12V DC input.

It's built to last, and last! It's backed by a standard limited warranty from Citizen Business Machine Corp.

### WHY SO CHEAP?

This is a 100% new product from Citizen. They built it for a large customer to compete with the \$1,000 systems from Dukane® and Panasonic®. Unfortunately, they were late in delivering, very late.

So, Citizen lost the order. But, they didn't lose the systems.

Citizen was stuck with 20,000 of these incredible systems and absolutely no customer waiting to buy them. Enter DAK. We bought all 20,000 at a price that made Citizen cringe. But, with all their other products, they didn't have the time to concentrate on just this one.

So, you get an incredible deal, not

because this system was made cheaper, but because Citizen couldn't hold onto them for an extended period of time.

### VIBRANT VIDEO EVERYWHERE RISK FREE

Use it at work. Use it at home. You'll have dramatically sharp, hassle free video viewing wherever you are.

If you're not 100% satisfied, simply return it in its original box to DAK within 30 days for a courteous refund.

To order Citizen Business Machine's industrial AC/DC Stereo VHS Video Cassette Player with built-in High Resolution 5" Color Monitor and Samarium Cobalt Stereo-

phones risk free with your credit card, call toll free, or send your check for DAK's incredible close-out price of just \$499 (\$12 P&H). Order No. 4495. CA res add tax.

DAK's Super Power Bonus which includes a 12V NiCad rechargeable battery pack that can be recharged up to 1,000 times, the recharger, a silver-grey battery bag and a car adaptor cord, is just \$69<sup>90</sup> (\$4 P&H). Order No. 4827.

### WOW!

### ANOTHER CHOICE

From the same Japanese factory at the same time, but already labeled under another brand name, is a similar industrial machine. It has the same features. **Plus, it has 4 heads and records and plays in 3 speeds.**

It also has a tape counter and both audio and video inputs and outputs. But, it doesn't record or play in stereo. It is 15" inches wide, 5 1/2" tall and 16" deep. It weighs 23 pounds. It is top loading.



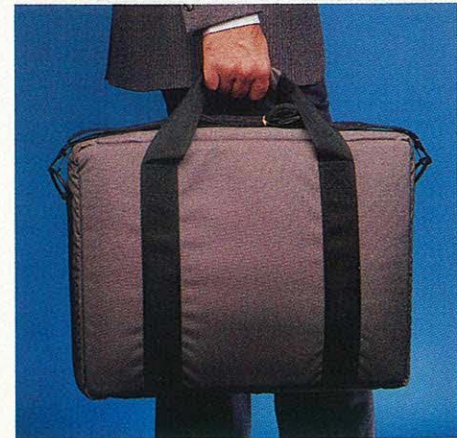
It operates from the same power supplies. I've seen the original price list on this machine and it has a suggested retail price of \$1195. It's backed by the manufacturer's limited warranty.



If you're not 100% satisfied, simply



A beautiful silver-grey carrying case with built-in armor and both a hand grip and shoulder strap is just \$69<sup>90</sup> (\$4 P&H). Order No. 4828.



This system can be connected to any size video monitor or TV with AV inputs. If you want to tune in on channel 3 on a standard TV, add the RF modulator for just \$49<sup>90</sup> (\$4 P&H). Order No. 4829.

return it in its original box within 30 days for a courteous refund.

To order a Persuasive Presenter under the Supra brand name with 3 speed record and play, headphones and the other features except for stereo, risk free with your credit card, call toll free or send your check for DAK's close-out price of just \$649 (\$14 P&H). Order No. 4492.

DAK's Super Power Bonus which includes a 12V NiCad rechargeable battery pack that can be recharged up to 1,000 times, the recharger, a silver-grey battery bag and a car adaptor cord is just \$69<sup>90</sup> (\$4 P&H). Order No. 4827.

A beautiful silver-grey carrying case with built-in armor and both a hand grip and shoulder strap is just \$69<sup>90</sup> (\$4 P&H). Order No. 4830.

A Color Video Camera that plugs into the system so that you can record live video and audio wherever you are, is just \$199<sup>90</sup> (\$6 P&H). Order No. 4831.

This system can be connected to any size video monitor or TV with AV inputs. If you want to tune in on channel 3 on a standard TV, add the RF modulator for just \$49<sup>90</sup> (\$4 P&H). Order No. 4829.

Whichever industrial presentation/entertainment system you choose, you'll be acquiring a heavy duty superb quality video system that has nothing in common with a home VHS system except for the compatibility of the cassettes it uses.

You're sure to find 1001 uses and you'll use it in a million and one places to teach, train, sell or entertain.



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8200 Remmet Ave., Canoga Park, CA 91304

# Voices from The Other Side

Now you can get the Russian side direct from Russia. Tune in on Afghanistan. Or get the latest from Libya. Get it in English or native languages, all for DAK's breakthrough price of just \$49<sup>90</sup>. Wow!

Drew Kaplan

It's awesome. Tune in the world's ideas from where they come. Listen to the Russians talking about America (yuk).

Hear the Canadian side of trade disputes. And, get the local views from virtually every country in the world.

This new 10 band miracle radio pulls in Short Wave stations from all over the world. Within 5 minutes of opening the box, I had listened to Radio Moscow in English and Radio Cuba in Spanish.

There are countless broadcasts in dozens of languages. So, if you speak a foreign language, now you can enjoy broadcasts in almost any language.

**But, don't worry.** Virtually all stations broadcast in English for many hours a day. And in addition, you'll have AM and FM stereo (stereophones are included).

This one pocket sized radio will provide an almost endless number of radio broadcasts from all over the world, for you to enjoy and learn from.

It's really exciting to hear England's views of what's happening in America and also, what's happening in Europe.

The English have a very cosmopolitan view of the world and I've really been enjoying their commentaries.

I can't say I've enjoyed some of the broadcasts I've heard from some non-friendly countries.

But, other than the total frustration I feel that anyone would believe these people, it's almost addicting to listen to these would be world conquerors.

## WHAT SHORT WAVE IS

You'll enjoy some of the best sounding FM stereo you've ever heard from this remarkable radio. Its circuitry is extremely advanced. And, you'll receive great sounding AM as well.

But, it's the 8 bands of shortwave that make this 6 3/4" X 3 1/2" X 1 1/4" radio receiver really unique. You'll use its built-in, rich sounding speaker or the included stereophones to tune in the world.

Short Waves have the remarkable property of being able to cover great distances by using an invisible layer in the upper atmosphere to 'bounce' radio signals back and forth to reach the earth.

This wave-range (10-100 meter wavelength) is therefore highly significant for all sorts of telecommunications in widely separated locations, such as: Aeronautical, Maritime, National Broadcasting, Amateur and Commercial Traffic.

With this receiver you can pick up a great number of transmissions over distances that cover thousands of miles.

This world-wide reception is especially fascinating for those of us who are interested in other cultures, in straight-from-the-source news, in learning languages, exotic music, world affairs as viewed from angles of other cultures, and for those living abroad who want to keep in contact with their home country, in their own language or in English.

There are about 850 Short Wave radio transmitters designed for international operation, and another 600 for regional or local use.

Only Short Wave gives you the world



at the turn of a knob. And it's only possible because, by bouncing off the outer atmosphere layer, called the F-layer stations can broadcast around the curve of the earth. So, you don't receive Short Wave as a straight signal, you receive a signal reflected from space.

The F-layer is located between 130 to 300 miles above the earth, depending upon the time of day or night, the season and the latitude of the earth.

Also, a Short Wave broadcast may make several 'hops' between the earth and atmosphere before it's received.

Frankly, you'll find the quality of the broadcasts will vary. Sometimes they'll be crystal clear, and other times the volume will vary as you listen.

So, if you want FM stereo quality all the time, the Short Wave medium isn't for you. But, you'll miss out on some of the most exciting broadcasts.

Short Waves can literally travel around the world giving you access to broadcasts from almost any country.

## ALL THE VIEWS

Imagine the thrill of sitting in your living room and listening to a live broadcast from Moscow. Imagine hearing the Argentinian view of the Falklands War.

During the Chernobyl affair you would have heard broadcasts from all the neighboring countries.

When you hear the news that the Russians don't like our arms proposals, wait till you hear what they are saying. You'll gain insights into the mentality of all the cultures of the world.

From South America, to Africa to Europe, you'll listen to broadcasts as easily as you listen to AM radio.

Of course, the quality won't always be perfect, but there's nothing complicated to tuning in to short wave.



There's a large easy to read vertical

dial with all 10 bands. Switch to any band and turn the dial. A tuning LED shows when you have a station tuned in. That's all there is to listening to Short Wave.

For FM stereo and AM, tuning is identical. But, there's a Stereo LED as well.

It operates on 3 AA batteries (not included) or a 4.5V DC adaptor (not included). It's made by Emerson and backed by their limited warranty.

## VOICES FROM THE WORLD RISK FREE

From South Africa to Singapore to East Germany or Egypt, you'll get a new perspective of the cultures of the world. Plus, you'll be entertained by the world's music when you tune in on Short Wave.

Of course, in time of world crisis (God forbid), short wave has all the details. Gone are the days when it took a room full of equipment to receive these incredible broadcasts. Now you'll have the world's information in the palm of your hand.

If you're not 100% satisfied, simply return it in its original box within 30 days to DAK for a courteous refund.

To order Emerson's 10 Band Short Wave, AM, and FM Stereo Radio complete with Stereophones, Carrying Strap and Soft Carrying Case risk free with your credit card, call toll free or send your check for DAK's world breaking price of just \$49<sup>90</sup> (\$3 P&H). Order No. 4839. CA res add tax.

I tuned in fascinating stations within minutes. But, we'll include a booklet that will help you find specific stations in specific countries all over the world.

You'll be amazed at the incredible wealth of information and entertainment that can be yours for just \$49<sup>90</sup>.



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... Publishing Continued

It simply removes the last thing you did. So, no matter what you do wrong, you're a button away from removing it.

If you don't want a solid line, just spray an area. It's like using a spray can.

Let's say you want to connect two points with a straight line. Use the Angle Line. It produces a computer generated straight line between any two points.

What if you want a circle? Just touch the return key. Then use the diagonal arrow key to enlarge or reduce the circle. If you use the up/down or right/left arrows, you'll get an ellipse.

In the same way you can create squares, rectangles or triangles. And you'll be amazed how many things, from houses to technical drawings, are made up of squares, rectangles, circles and triangles.

But, that's not all. You can choose any of 32 background patterns to fill in enclosed areas or broad lines. And if 32 isn't enough, you can design your own.

There's so much more. You can juggle a picture. Imagine, turning it over or sideways with the touch of a button.

You can copy or move a picture or even part of a picture right on the screen. So, draw it once and copy it or move it.

But, here's my favorite. You can enlarge or reduce any picture or part of a picture right on the screen. So you can change its size equally, or you can stretch it out or make it tall and thin. Wow!

There are 12 included font/sizes. So you can have large or small type in your choice of styles within a picture or integrated with your text.

And, each of the 12 font/sizes can be shown on the screen and printed normally, in bold, in italic, in outline, or in shadow. Plus, you can write normally across the page, up the page, down the page or upside down.

Finally, you can zoom into any small section of the screen and edit your pictures, pixel by pixel. With this kind of power, you don't need to be an artist, just have the ability to push a button.

You can operate this Paint program independently. Or, you can access any picture from within word processing.

So, for banners and pictures, you can

print directly from the Paint Program. Or, for everything previously described, simply access your pictures, captions, graphs or charts through the desktop publishing section.

This program is incredibly powerful, yet you'll be comfortable using it within just a few hours.

Every picture in this ad was created with this program. And, you haven't even seen the tip of the iceberg of its capabilities. For example, if you have a picture on the screen, you can bring a second picture up and join them together.

### WHO CAN USE THE SYSTEM

All you need is an IBM PC, AT, XT or 100% compatible with standard IBM CGA or EGA graphics capability. It must have at least 256K, and either two floppy disk drives or one floppy and a hard disk.

Below is a list of some of the dot matrix, ink jet and daisy wheel printers that have been tested with this program. If your printer is compatible with any of these printers, it should work too.

**Special Note:** Most daisy wheel printers are Diablo 620/630 compatible, so they will work with this program.

**Special Note:** With a color printer you can print 3 colors plus black text.

C. Itoh 8510, Epson FX-80, FX-85, FX-185, JX-80 (color), LO-800, LQ1500, LX80, MX80 with Graftrax Plus or Graftrax, RX-80, Hewlett Packard 2225C Think Jet or QuietJet, LaserJet, or LaserJet Plus, IBM 80CPS Graphics Printer, IBM Proprinter, IBM 3852 Jetprinter (color), Juki 6100, Minemann Tally Spirit 80, NEC 3500, 3510, 3520, 3530, 3550, 5500 series, 8023A, NEC Pinwriter P5XL, P6, P7, (single or color), OKIDATA Microliner 92, ML92, w/IBM Plug & Play, Microliner 193, 20 (color), Panasonic KX-P1091, KX-P1091i, Quadram Quadjet (color), Radio Shack DMP-200, Silver Reed EXP 400, 600, 800 and all EXP series, Star Micronics SG-10, Texas Instruments 855, 865, Xerox (Diablo) 620, 630.

### FINAL FACTS

There's a pop down calculator which lets you deposit your results right into your text. A clock/timer picks up the time from your computer, and there's a 7,300 year calendar. They are all available as pop-down windows. Savtek's program is backed by a standard limited software warranty /license. It comes with a superb, easy to use reference manual.

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To order Savtek's ETG Integrated Word Processing and Graphics Desktop Publishing System for your IBM PC or Clone, call toll free or send your check for the breakthrough price of just \$89<sup>90</sup> (\$4 P&H) Order No. 4801. CA add tax.

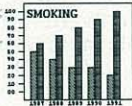
Look at the 12 sample pages I created. You'll see graphs, pictures and charts mixed into my text. I even designed a logo for my newsletter. Just think about the impact you'll make when you present your ideas with a combination of text and graphics. And oh, it's so incredibly easy to use.

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**SMOKING**

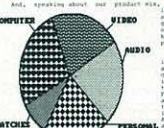


1970 1975 1980 1985 1990

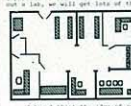
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**DESIGN LAYOUTS**




**TOTAL PICTURE CONTROL**



**BACKGROUNDS**




**STRETCHED**



**CHAPTER 2**

**THE NEWSLETTER HELP NOW**




**TOTAL CREATIVE CONTROL**

**ALL AROUND TEXT**

THIS IS NORMAL  
THIS IS BOLD  
THIS IS ITALIC  
THIS IS OUTLINE  
THIS IS SHADOW  
THIS IS UNDERLINE  
THIS IS STRIKE  
THIS IS INVERSE  
THIS IS BOLD INVERSE  
THIS IS ITALIC INVERSE  
THIS IS OUTLINE INVERSE  
THIS IS SHADOW INVERSE  
THIS IS UNDERLINE INVERSE  
THIS IS STRIKE INVERSE

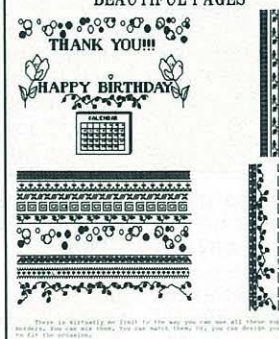
**HAPPY VALENTINE'S DAY**




**BEAUTIFUL PAGES**

**THANK YOU!!!**

**HAPPY BIRTHDAY**



**IDEA STARTERS**



# Communicating Command Center

Now you can have a perpetually powered, entertaining, emergency communications support system, complete with Weather Band and AM/FM radios, 49Mhz communicator, plus a flashlight/flasher and an emergency audio beacon, at an incredible breakthrough price.

By Drew Kaplan

By your bed, in your trunk, in a cabin or on the road, this complete system can entertain, inform and protect you.

If you're like me, when I open my eyes in the morning, the first thing I want to know about is the weather. Now, I just switch on this Weather Band radio and instantly hear the official government forecast for my area. It's the same weather source that radio stations use.

Anyway, after the weather, I want the news. So, I switch to AM and listen to an 'all news' radio station we have in Los Angeles. Finally, I switch to FM for some relaxing music as I get dressed.

Why don't I use my clock radio? Well, first it doesn't have a weather band. And second, I can't take it from room to room.



In fact, I can't take it out on the patio when I'm barbecuing steaks. I can't take it in the garage when I'm working on my car. And I certainly can't take it into the hills when my sons and I go hiking.

And speaking of hiking, built into this system is a 49Mhz communication system. So, if we are separated, we can switch to 'Communications' and talk.

We use it for fun, but it's a real safety feature if you're camping or separated in your home. Now you need never be alone.



Plus, there's a built in locator siren that blasts out an incredible wail for help.

So, like an airplane locator beacon, this unit has an audio locator beacon that makes it easy to locate anyone in trouble.

And luckily, while we've only used these AM/FM Weather band, Personal Communicator Flashlights for fun, having both a communicator and a siren by each child's bed lets us all sleep easier.

## THE BEST PART

Use them all you want. Let the kids play



with them. They're incredibly rugged.

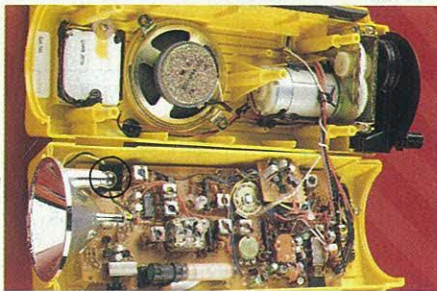
And, after you've listened to the radio for hours, used the flashlight or used the emergency flasher (yes, for roadside emergencies, there's even a built-in flasher), you'll run down the batteries.



**Well, you'll never be without power again.** First, there's an included AC charger that will keep the included internal NiCad batteries charged. But, if you forget to charge the unit, as I often do, or there's no power available, there's a built-in generator.

Just use the generator's handle (pictured) to recharge the batteries yourself. So, no matter where you are, you'll have perpetual power for your protection.

And, since it's really an emergency device, what do you do when the bulb burns out? If you look at the picture of the 'guts' of this device you'll see that I've circled an included 'spare' bulb.



And, while you're looking at the 'guts', look at the size of the magnet on the speaker and you'll understand why the music from the radios sounds so good.

A lot of circuits are built into this incredible safety/entertainment device.

You'll use this system at home, camping, or by the pool. It is 10 3/4" long, 4 1/2"

tall and 4 1/2" wide. It's backed by Multi-Tech's standard limited warranty.

## ENTERTAINMENT & PROTECTION RISK FREE

I hope you only are entertained and informed by this incredible system. But, it's reassuring to know that you'll have communication, an audio locator beacon and light, all perpetually powered. If you're not 100% satisfied, simply return it to DAK within 30 days in its original box for a courteous refund.

To order MultiTech's AM, FM, Weather Band Radio, with 49Mhz Communicator, Audio Siren Locator Beacon, Flashlight, Blinker, Spare Bulb, and built-in NiCad batteries with both AC charger and built-in Manual Generator Charger risk free with your credit card call, toll free, or send your check for DAK's breakthrough price of just \$49<sup>90</sup> (\$3 P&H). Order No. 4806. CA residents add tax.

Wow, just count the incredible number of entertainment and emergency features for DAK's \$49<sup>90</sup> price.



**Special Bonus.** Since two units are required for communication, acquire a set of two and with each set I'll include a bonus smoke alarm, FREE. Set(s) of two including a bonus smoke alarm, are just \$99<sup>90</sup> for 2. Order No. 4807 (\$6 P&H).

My kids play with their Life+Guards all the time. And, I listen to mine every day. But I don't worry, because these units are so rugged that they withstand really heavy use. And, of course, I don't have to buy batteries or worry about not having them working for an emergency.



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# Cable Controller Mistake

Get all the cable channels on any TV or video recorder with this all new wireless 'Cable Company' infrared remote control cable tuning system. And at just \$69<sup>90</sup>, we're sure to break the cable market wide open.

If you've got cable, we've got it all. Now you can tune in up to 60 cable channels from your easy chair. Plus you'll have 'Recall' and 'Parental Lock-Out'.

Regency's Cable Controller receives all VHF Low Band channels 2-13 and VHF Mid-band 14(A)-22(I).

Plus it tunes the Super Band VHF channels 23(J)-36(W) and Hyper Band channels from 37-58. It even captures the A1 and A2 Sub Band.

Regency made these factory sealed new controllers for a cable company. But, they made a mistake, so, you get them for a fraction of their original value.

## MOVIE CHANNELS

If there are movie channels on your cable and they're not scrambled, the Controller is all you need. If they're scrambled, you'll need the cable company's box.

**Note: Check with your cable company before viewing anything at all, to see if they require you to pay a fee.**

## SPORTS PLUS

There are lots of 'Super Channels' broadcast on cable. On the all sports channel you'll watch 'World Class Sports' whenever you wish. 'All Movie' Channels give you entertainment at all hours.

And 'Super Stations' from New York and Atlanta give you major city TV for cities other than your own. Plus, there's Cable News Network for a world wide perspective on the news and much more. Why not see what's on your cable?

## ONLY FOR CABLE

If you don't have cable, the Cable Controller isn't for you. It only finds you extra channels when you are connected to a cable. And, it doesn't tune in UHF.

But, if you're on cable, your cable company is rebroadcasting UHF over unused VHF channels. So with the Cable Controller tuner, you'll get it all.

## TOTAL RANDOM ACCESS TUNING

The wireless infrared remote hand controller does it all. It switches both the TV and the Controller on and off and selects your channels. **And, look at this.**

You can select a favorite channel. Whenever you touch 'Recall', you'll instantly be locked into your 'Favorite Channel'. Touch 'Recall' again, and you'll be back to the channel you were watching.

You'll also have 'Last Channel', which lets you return to the last channel you selected. Touch it again, and you're back to the channel you were watching.

Now you can keep track of several channels with the **single** touch of a button. You'll love checking on other channels during commercials or keeping up with two ball games.

'Parental Lock-Out'. Just choose any channel(s) you don't want your kids to watch, attach a small luggage-type lock (not included), and 'adult channels' will require your secret code. **All of the above selections are instantly changeable.**

For the other channels, you'll enjoy total random access tuning. You can go directly from channel 2 to 28. Or you can step tune one channel at a time.

Once you've set your own TV to channel 3, you can just forget it. The electronic synthesized tuning of this control-



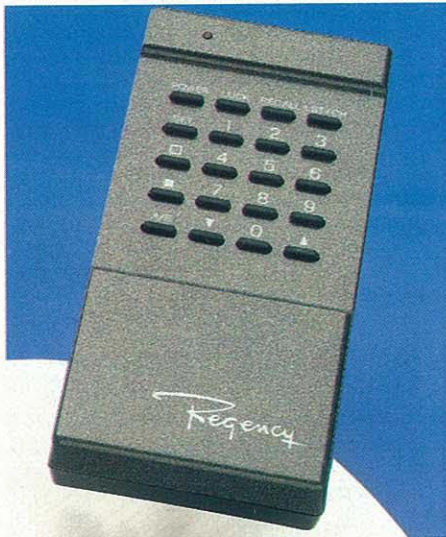
ler will give you dramatically sharp pictures. Even fine tuning is handled by the system's microprocessor.

Color tints, volume, brightness and contrast are all controlled by whatever method you now use.

## INSTALLATION

Nothing to it. All cable systems use 75 ohm round cable. Simply unscrew the end from your TV and screw it into the Controller base input.

Then screw in an identical cable (included) between the Cable Controller and your TV. Finally, plug your TV's AC plug into the Controller and the Controller's AC plug into the wall.



## WHAT IT IS

The Cable Controller is actually a very sophisticated, all electronic VHF TV tuner/receiver. It's really like a TV set without a picture tube.

Since it's all electronic, you won't be getting snow from dirty tuning contacts and loss of fine tuning as the set ages.

The Controller tunes all the possible stations that your cable can broadcast, something that would be very expensive to build into standard TVs, because not all TVs are going to be used on cable.

## GREAT FOR VIDEO RECORDERS

Now you can record off cable. With the Cable Controller hooked to your video recorder, you can open the world of cable to your video recorder too.

Cable ready video recorders that don't even tune in 60 channels can cost hundreds of dollars extra. You can feed both

your TV and video recorder. Or, you can separate them so that you can easily watch one thing and record another.

## WHAT IT ISN'T

It isn't one of the infamous 'black boxes' you might have read about that illegally decode various 'Pay TV' channels. On cable, most of the programming isn't scrambled, it's just found outside the tuning range of the average TV.

So, if there is a Pay TV channel that is scrambled, or is only unscrambled on one TV in your house, the Controller is not made and should not be used to tune it in without paying.

Actually 'Cable Ready' TVs and video recorders do basically the same thing as the Cable Controller, but cable tuning is usually an added on feature that often doesn't cover as many channels.

The Cable Controller is made and backed by a standard limited warranty from Regency, the scanner people.

## THE MISTAKE

First, there's an extra button. On the remote, you'll see an A/B button which should have let you switch between two different cables. It doesn't work, and there's no second cable.

Second, this unit was designed to accept downloaded instructions from the cable company. It doesn't.

So, if you don't care about having a button that doesn't do anything and your cable company isn't going to download the special characters that this unit would accept, then you can save a bundle due to Regency's mistake. These aren't seconds, used, refurbs or defectives. They are 100% first class state-of-the-art units.

## TRY THE WORLD OF CABLE

### RISK FREE

Relax up to 25 feet away. Change channels, swap channels or turn your set on or off. Explore the vast number of cable channels available to you.

Try it risk free. If you aren't 100% satisfied, simply return it in its original box within 30 days for a refund.

To order your Regency 60 Channel Cable Controller with Wireless Infrared Remote Control, risk free with your credit card, call toll free or send your check for DAK's market breaking price of just \$69<sup>90</sup> (\$6 P&H). Order Number 4804. CA add tax.

There's a whole new world of entertainment waiting for you just off your normal TV tuning range. With the Cable Controller, you can sit back in your favorite easy chair and tune in the world.

# Bad News For Escort

3RD IN A SERIES

Dear Customer,

From Drew Kaplan

Escort has ignored DAK's second, one-on-one Maxon versus Escort radar challenge. And frankly, I'm fighting mad. I suppose they have a right to ignore me. But after referring to my challenge as only an "advertising gambit" and calling Maxon's radar detector an off-shore, primitive, and bottom-end unit, I'd think they'd be glad to wipe us out in a head to head duel to the death. But, I'm really mad for two other reasons and I think that you may be as fascinated by them as I am.

**Mad Reason 1.** Road and Track Magazine held an independent general radar detector test in their September 86 issue.

As far as I can see, Maxon beat Passport in Uninterrupted Alert, and Passport beat Maxon in Initial alert. Now to be fair, neither of us seem to have beaten the other by even 2 seconds at 55 miles per hour. So, we didn't win or lose by much.

And, Maxon's \$99<sup>90</sup> detector was tested against the \$295 Passport, not the \$245 Escort we challenged. What's interesting is that Road and Track had nice things to say about Passport and even about Escort, which **wasn't even included** in the tests any more.

Now, if you've been following DAK's challenge, you know we've only been challenging Escort. If you've read Road and Track's tests, you'll be amazed when you read Boardroom Reports, which I've reprinted for you to the right. What's really interesting is that **it's the exact same person** in both publications.

Actually, Maxon did extremely well. Road and Track only used 'over hill' and 'around curve' tests because on straight-aways the differences weren't worth describing. (Imagine that!)

It's just as I've said in my challenge. I don't think there's much difference between Maxon's and Cincinnati's Radar detectors when it comes to sensing radar.

## THE CHALLENGE GROWS

In view of the opinions stated in the article in Boardroom Reports about the \$245 Escort, DAK hereby adds the \$295 Passport to our challenge.

**Mad Reason 2.** Did you ever hear about the cure for dandruff that was developed in the middle-ages? It was the guillotine. And frankly, I think you should be aware of Cincinnati Micro-

wave's advertising cure for the Rashid VRSS Collision Avoidance System.

The Rashid VRSS system, as described in Popular Science magazine, January 1986, sends out a radar signal on the K band ahead of your car. The good part is that it can help you avoid running into things higher than your front bumper. The bad news is that since it operates on K band, it sets off radar detectors.

Well, hats off to Cincinnati Microwave. I've tested the Passport against the Rashid unit and, as usual, they have done a splendid job. While every other detector I tested, including Maxon's, was driven crazy, theirs didn't utter a peep.

But then, my Maxon hasn't uttered any peeps lately either and let me tell you why. I was on my way to the Far East to visit Maxon, so I asked Tom, a manager at DAK, to purchase and test the Rashid.

Well, did I ever hear from him. First the unit cost \$558 plus about \$100 to install. Then buying it and finding someone to install it took almost a month.

But the real reason he was unhappy was that the recommended method of installation involved **cutting a 6 1/2" hole** in the front grill of his neat new car.

Well, much to my wife's chagrin, it's now installed in her station wagon.

After installation, it has to be set by an installer. He drives between 15 and 30 miles per hour toward a solid object. When the installer **thinks** he's reached a safe stopping distance, he adjusts the warning alarms to sound. Then in the future, when a similar distance is reached, lights will flash and an alarm will sound.

Of course, if you accelerate too quickly into a lane behind another car the same alarms can go off.

And, I haven't figured out what to do if

there's a dog in the road, dirt on the radar sensor, or how to compensate for the different stopping distances encountered on dry, wet, icy or snowy roads.

## MOST IMPORTANT PART

Speaking of advertising gambits, in **virtually every magazine I pick up**, I've been seeing Cincinnati's Bad News for Radar Detector ads spelling out the obsolescence of all other detectors.

If it's such an important feature that distinguishes them from us, there had better be some of these devices on the road, or Cincinnati Microwave's credibility may just be on the road as well.

**I will add \$10,000 to my Escort/Passport challenge** if Cincinnati Microwave can prove that there are even 1000 Rashid units on the road **anywhere** in the U.S. Oh heck, I'll add \$5000 if they can even find 500. **(And, look at this.)**

**NOTE:** There are several other potential collision avoidance systems on the drawing boards and each may have a **DIFFERENT FINGERPRINT.**

So, if you're a current Escort or Passport owner, I suggest that you find out how many Rashid units there are and what Cincinnati Microwave will do about the 'other' units **before** you pay \$\$\$ to have your current detector upgraded.

Besides, with over 3,000,000 square miles in the U.S., even 1,000 units would work out to less than one unit for every 3,000 square miles.

If a major car company successfully sells a collision avoidance system, then Maxon will be ready. But, the car companies currently can't even get consumers to pay \$200 for air bags. So, you decide. Is it significant, or an advertising gambit?

Below is the **NEW** version of the challenge. Escort, a reply please!

# A \$20,000 Challenge To Escort

Let's cut through the Radar Detector Glut. We challenge Escort & Passport to a one on one Distance and Falsing 'duel to the death' on the highway of their choice. If they win, the \$20,000 check pictured below is theirs.

By Drew Kaplan

We've put up our \$20,000. We challenge Escort to take on Maxon's new Dual Superheterodyne RD-1 \$99<sup>90</sup> radar detector on the road of their choice in a one on one conflict.

Even Escort says that everyone compares themselves to Escort, and they're right. They were the first in 1978 to use superheterodyne circuits and they've got a virtual stranglehold on the magazine test reports.

But, the real question today is: 1) How many feet of sensing difference, if any, is there between this top of the line Maxon Detector and Escort's or Passport's? And 2) Which unit is more accurate at interpreting real radar versus false signals?

So Escort, you pick the road (continental U.S. please). You pick the equipment to create the false signals. (Don't forget our \$10,000 Rashid challenge). And finally, you pick the radar gun.

Maxon and DAK will come to your

...Next Page Please



...Challenge Continued highway with engineers and equipment to verify the results.

And oh yes, we'll have the \$20,000 check (pictured) to hand over if you beat us by more than 10 feet in either X or K band detection with the Escort, or by 2 seconds at 55mph with the Passport.

**BOB SAYS MAXON IS BETTER**

Here's how it started. Maxon is a mammoth electronics prime manufacturer. They actually make all types of sophisticated electronic products for some of the biggest U.S. Electronics Companies. (No, they don't make Escort's).

Bob Thetford, the president of Maxon Systems Inc., and a friend of mine, was explaining their new RD-1 anti-falsing Dual Superheterodyne Radar detector to me. I said "You know Bob, I think Escort really has the market locked up." He said, "Our new design can beat theirs".

So, since I've never been one to be in second place, I said, "Would you bet \$20,000 that you can beat Escort?" And, as they say, the rest is history.

By the way, Bob is about 6'9" tall, so if we can't beat Escort, we can sure scare the you know what out of them. But, Bob and his engineers are deadly serious about this 'duel'. And you can bet that our \$20,000 is serious.

We ask only the following. 1) The public be invited to watch. 2) Maxon's Engineers as well as Escort's check the radar gun and monitor the test and the results.

3) The same car be used in both tests. 4) We'd like an answer from Escort no later than July 31, 1987 and 60 days notice of the time and place of the conflict. 5) If Escort can prove that there are 1,000, or even 500 Rashid units in operation, we will present them with the appropriate \$10,000 or \$5,000 check at the beginning of the conflict. And, 6) We'd like them to come with a \$20,000 check made out to DAK if we win.

**HOW'S THIS FOR FAIR**

Cincinnati Microwave will be deemed the winner and given the check if either

Escort beats Maxon by 10 feet in both uninterrupted and initial alerts, OR if Passport beats Maxon by 2 seconds at 55mph in both uninterrupted and initial alerts. So, DAK wins only if we beat both Escort and Passport.

A tie will exist only if both the \$295 Passport and \$245 Escort fail to beat Maxon's \$99<sup>90</sup> Dual Superheterodyne RD-1 Radar Detector.

**SO, WHAT'S DUAL SUPERHETERODYNE?**

Ok, so far we've set up the conflict. Now let me tell you about the new dual superheterodyne technology that lets Maxon leap ahead of the pack.

It's a technology that tests each suspected radar signal 4 separate times before it notifies you, and yet it explodes into action in just 1/4 of one second.

Just imagine the sophistication of a device that can test a signal 4 times in less than 1/4 of one second. Maxon's technology is mind boggling.

But, using it isn't. This long range detector has all the bells and whistles. It has separate audible sounds for X and K radar signals because you've only got about 1/3 the time to react with K band.

There's a 10 step LED Bar Graph Meter to accurately show the radar signal's strength. And, you won't have to look at a needle in a meter. You can see the Bar Graph Meter with your peripheral vision and keep your eyes on the road and put your foot on the brake.



So, just turn on the Power/Volume knob, clip it to your visor or put it on your dash. Then plug in its cigarette lighter cord and you're protected.

And you'll have a very high level of protection. Maxon's Dual Conversion Scanning Superheterodyne circuitry combined with its ridge guide wideband horn internal antenna, really ferrets out radar signals.

By the way, Escort, we'll be happy to have our test around a bend in the road or over a hill. Maxon's detector really picks up 'ambush type' radar signals.

And the key word is 'radar', not trash signals. The 4 test check system that operates in 1/4 second gives you extremely high protection from signals from other detectors, intrusion systems and garage door openers.

So, when the lights and X or K band sounds explode into action, take care, there's very likely police radar nearby. You'll have full volume control, and a City/Highway button reduces the less important X band reception in the city.

Maxon's long range detector comes complete with a visor clip, hook and loop dash board mounting, and the power cord cigarette adaptor.

It's much smaller than Escort at just 3 1/2" Wide, 4 3/4" deep and 1 1/2" high. But, it is larger than Passport. It's backed by Maxon's standard limited warranty.

Note from Drew: 1) Use of radar detectors is illegal in some states.

2) Speeding is dangerous. Use this detector to help keep you safe when you forget, not to get away with speeding.



**CHECK OUT RADAR YOURSELF RISK FREE**

Put this detector on your visor. When it sounds, look around for the police. There's a good chance you'll be saving money in fines and higher insurance rates. And, if you slow down, you may even save lives.

If you aren't 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To get your Maxon, Dual Superheterodyne, Anti-Falsing Radar Detector risk free with your credit card, call toll free or send your check for just \$99<sup>90</sup> (\$4 P&H). Order No. 4407. CA res add tax.

Special Note: Now that we're challenging Passport, we've added an optional suction cup windshield mount and extra coiled power cord. (Sorry we can't afford to throw them in for free.) They're just \$5<sup>90</sup> (\$1 P&H) Or. No. 4800.

OK Escort, it's up to you. We've got \$20,000 that says you can't beat Maxon on the road. Your answer, please?

Escort and Passport are registered trademarks of Cincinnati Microwave. Rashid VRSS, and Rashid Radar Safety Brake are registered trademarks of Vehicle Radar Safety Systems, Inc.



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**John Tomerlin, Road & Truck Radar detectors**

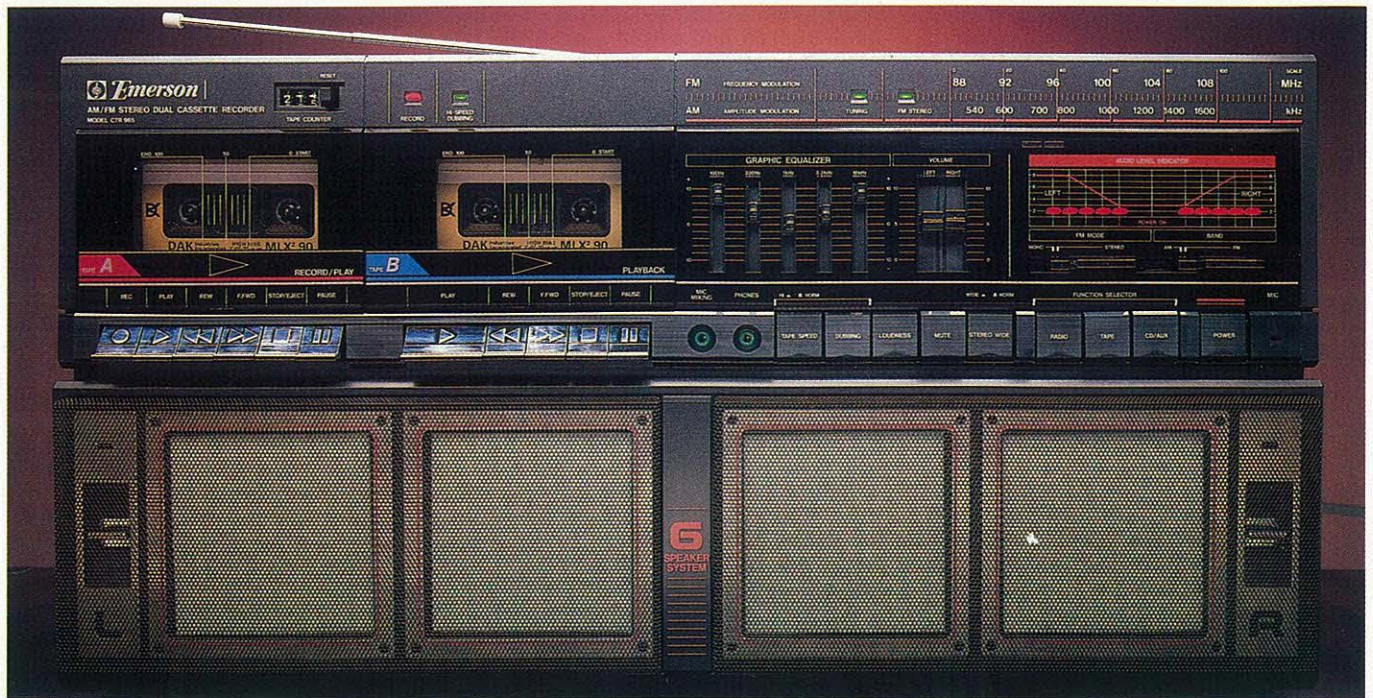
Today's best radar detectors aren't much bigger than a pack of cigarettes and weigh less than eight ounces and have exacting new circuitry. What to look for:

- X-band and K-band sensitivity. Both are used by the police.
- Different alarm sounds for the different types of radar. K-band radar is used in the newer instant-on radar units. Listen for intermittent bursts of light or a warning buzz from as far away as three miles. X-band is also used in many automatic garage door openers and home burglar alarms, which makes it much more likely to generate false alarms.
- False-alarm filtering. Most newer models have specialized circuits that filter out many false alarms. Since many older models don't have good filtering capability, in built-up areas it's almost impossible to determine whether the near-constant buzzing means that speed radar is being used.
- A proximity indicator. Good detectors change the warning sound as the radar device gets closer.
- Easy mounting method. Radar detectors have become almost as popular with thieves as car seats. It helps if a unit is simple for the owner to remove whenever he leaves the car.
- Bright visual display. The best detectors have light-emitting diodes (LEDs) that glow brightly during daylight. Caution: Analog meters that use needles can be dangerous, because the driver has to focus on the meter to see exactly where the needle is.

**The best at any price:** Cincinnati Microwave's Passport. The price is steep \$295 for this 6 1/2" high x 4 1/2" deep x 2 1/2" wide. Features: Dual-tone alarm, automatic brightness adjustment of the LED proximity meter, a very sophisticated false-alarm filter, and an audible alarm buzzer off during the driver to turn the meter on. Caution: Don't mistake Cincinnati Microwave's Escort for the Passport. The older Escort is still sold (for \$245). It was once the best available but is less technologically sophisticated, and since both units are available only directly from the factory, there's no price discounting.

**Good protection for half the price:** The Cobra Trophoskor offers many of the same features as the Passport for a suggested retail price of \$230. Major drawbacks: In bright sunlight it's difficult to tell if the LED lights are on. Other worth considering: B.E.L. Tronics Limited's Micro Eye XKR-LX \$299.95 and Whistler Spectrum 2, \$140.

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# Thunder Wall

*You'll have a solid wall of musical brilliance at home or on the road when you use this new audiophile portable with 5 band equalizer, dual high speed dubbing, sequentially playing cassette decks, and AM and FM Stereo.*

It's rich. It's deep. And it's powerful. This portable has the sound and features you'd expect from a home stereo, including extremely wide separation.

## THE UNDETACHABLE

Imagine the rich beautiful sound you'd expect from a 6 speaker 4 foot wide stereo system. Then you'll have a mind's eye view of what this 21" wide wall of thrilling sound can provide for you.

It has a special 'Stereo Wide' circuit like a \$149 unit we sold for stereo systems, that causes the mind to perceive sound to be coming from beyond the physical width of the system.

Of course, the 6 speaker sound, even when you don't have the special enhancing circuit switched in, is really vibrant. And, you can sculpture it to meet your exact musical taste.

By using the built-in equalizer, you can infuse your bass with life at 100hz. String basses, drums and orchestral crescendos will throb with life.

Cymbals, or brushes on a snare drum will take on life and excitement as you boost this equalizer's 10,000hz control. And best of all, you won't make your favorite singer's voice sound raspy when you boost the highs, or muddy when you boost the lows. With an equalizer you can sculpture just the areas of the frequency spectrum you want to enhance.

This 5 band EQ lets you sculpture the sound at 100hz, 330hz, 1,000hz, 3,300 hz, and 10,000hz.

## HIGH SPEED PRECISION

With dual cassette decks, you can copy cassettes at normal or high speed. And, you can listen to one cassette and then another.

The twin decks in this portable are perfectly matched for great sounding recording and playback.

You can make cassette copies of your own tapes for friends, or copy their tapes

for yourself. Or, make cassette copies to use in your car while you keep the original cassettes safe at home. The nicest part is that the great sounding copies are totally hassle free.

You can also make great sounding recordings from its built-in tuners or from its built-in mike. You can also plug in your own external mikes. **And, look.**

There's mike mixing. If you sing, this is the system for you. Here's what you do. You can play a music tape on deck 'B'. Plug in a mike and sing along while you record everything on deck 'A'.



And there's more. If you then play the tape back on deck B and copy it to deck 'A', you can add yourself singing harmony. In this way, you can be a duet, a trio or even a chorus.

**And don't forget,** these decks play sequentially. Just put tapes in decks 'A' and 'B'. When the first tape is finished, the second will automatically begin.

## AM/FM STEREO

Sensitive tuners really lock in your favorite stations. A large slide rule dial with an LED tuning indicator, lights when a station is tuned. A second LED lights if the station is broadcasting in stereo.

You'll really enjoy the FM stereo, because not only is it rock stable, when you use the equalizer, you can compensate for different station's sounds, and tailor all your music the way you like it.

## SPACE SHIP CONTROL

OK, you've got rich full sound from the powerful amplifiers and 6 speakers. You've got the equalizer to sculpture your sound and 'Stereo Wide' to add excitement and realism. But, there's more. There's a 'Loudness Contour' Button

which adds low bass and extra highs to augment low level listening. So, this is one portable that doesn't have to be loud to be powerful.

There's Mute, so you can instantly mute the sound if the phone rings or someone wants to talk to you.

There's also a CD/Aux Button and input, so that you can have another source to listen to or record from. You can even listen to AM/FM or an outside source, when you copy cassettes at high speed.

You can operate this portable on AC (cord included), or by standard D bat-

teries (not included). This incredible wall of music is made by Emerson and backed by their standard limited warranty.

## A THUNDEROUS WALL OF MUSIC RISK FREE

Wait till you hear the enhanced and sculptured power of this 6 speaker thunderous wall of music. When it's soft, it whispers. When it's loud, it thunders. And, at any level, you'll enjoy your choice of clean, clear, beautiful music.

If you're not 100% satisfied, simply return it to DAK within 30 days in its original box for a courteous refund.

To order Emerson's Thunder Wall with Twin High Speed Dubbing, Sequentially Playing Cassette Decks with Mike Mixing and more, plus 5 Band Graphic Equalizer, Stereo Wide, and 6 speakers risk free with your credit card, call toll free or send your check for just \$99<sup>99</sup> (\$8 P&H). Order No. 4821. CA res add tax.

Why be tied down to one room to listen to your favorite cassettes or radio stations? Now you can have really great sound and high speed dubbing anywhere in your home or in the great outdoors.



# Bold Presentations

Unleash the dramatic presentation power of your IBM PC or Clone, with Quadram's 7-Color Ink Jet Printer. You'll produce attention grabbing professional graphs, charts, and drawings with the complete ADDED software DAK has put to-

- Quadram's \$495 Color Ink Jet Printer
  - DRI's New \$299 Gem Draw Plus
  - Softkey's \$149 Keychart
  - Savtek's \$89<sup>90</sup> Desktop Publishing
  - DAK's \$49<sup>90</sup> DAKGraf
  - Logitech's \$119 LogiMouse Plus
- gether. It connects instantly. And, you get EVERYTHING, a \$1201<sup>90</sup> value, for just \$499. WOW!

By Drew Kaplan

Let your ideas explode in front of your readers. Demonstrate what you want to say with dramatic charts, graphs, pictures and even technical illustrations.

If you're like me, columns of numbers are boring. Now you can effortlessly produce sophisticated, multicolor graphs and charts that will rivet your reader's attention to your presentation.

Turn your thoughts, calculations or sales results into a profusion of color that simply can't be ignored.

This Quadram 7-Color, virtually silent, ink jet printer, and all the software I have added, will let you make your most complex concepts easy to understand.

And, it will present your easy to understand numerical data and/or visual concepts in an incredibly impressive manner.

## WHAT YOU NEED

You'll need an IBM PC, XT, AT or Clone with 256K of RAM, except for Gem Draw Plus which requires at least 384K. You need two floppy disk drives or a floppy and a hard disk.

And, all these programs require only standard IBM CGA Graphics (EGA is great of course). Plus, you don't even need a color monitor to use them.

## WHAT IS INK JET PRINTING?

In a few minutes you'll learn how easy it is to instantly create multicolor Pie, Line and Bar Charts with DAKGraf. With Keychart you can quickly create sophisticated Hi/Low Stock market Charts, Scatter Charts, Exploded Pie Charts and a myriad of presentation charts from easy to follow menus.

If you want to Paint, you can create all

types of dramatic pictures and text automatically with Savtek's Desktop Publishing Software.

And finally, Digital Research's new Gem Draw Plus lets you create the most sophisticated drawings ever. It is object oriented so you can even lay shapes on top of one another and then move them, expand them, reduce them or copy them.

Plus, I've included Logitech's C7 Serial Mouse with Plus Software. So, not only can you use this mouse for creating drawings, just wait till you use it for Lotus or any other mouse supporting programs.

Logitech says that the Plus Software with this mouse can increase the productivity of even the most experienced 1-2-3 user by up to 30%.

In virtually every computer magazine I see, Logitech sells this mouse direct for \$119. Wait till you see all it can do for your productivity.

**But, let's look at the printer.** It simply plugs into the parallel output of your computer. And, don't worry about replacing your printer.

I've got an inexpensive option that lets you switch from your regular printer to this silent 7-color ink jet printer with the push of a button.

Anyway, speaking of 7 colors, let me tell you what they are and how easy they are to use. First, there are no messy ink trays or bottles. The ink is supplied in 2 sealed, plug-in plastic packs (Included).

One pack supplies 4,000,000 characters of black. The second pack supplies 3,000,000 characters of yellow, blue (cyan), and red (magenta).

These are the industry standard basic

colors. The other colors are obtained by the printer using two colors at once.

So, you'll print in black, yellow, red, blue, green (yellow and blue), orange (yellow and red) and purple (blue and red). You'll simply have to see the colors to see how really vibrant they are.

And speaking of vibrant, if they aren't sharp, they aren't vibrant. And, this printer can lay down 640 single dots per line at a speed of 2600 dots per second.

You'll create incredibly sharp detail, even in multicolors. Just look at the main picture above to get a minuscule idea of what this printer is capable of producing.

You can produce your graphs, pictures, drawings, or text (of course it has a full ASC11 character set, plus enlarged type) on just about any material you choose, from letterhead, to plain paper, to roll paper, to overhead transparencies.

Quadram's printer has all the expected features, including Line Feed, Form Feed, paper error/end and two self-test modes. But basically, it's control free.

Just plug it in, put in the paper and print! It's virtually maintenance free because the ink jets are self cleaning.

As you'll see from the following software, there's almost no limit to the presentations you can create with this printer.

**And please note:** I went to 5 separate companies to gather this software and mouse. This isn't cheap bundled software.

Just price Gem Draw Plus at \$299 and the Logitech Mouse at \$119 at any computer store, and you'll see just what an incredible value this system is.

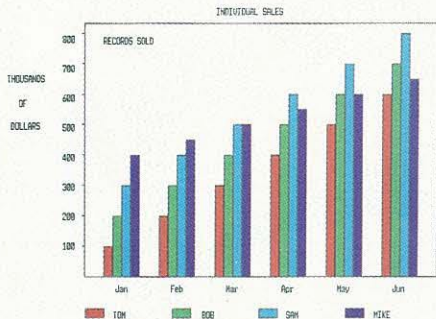
We had to guarantee not to sell the  
...Next Page Please

... Presentations Continued software separately and we had it shipped to us without the normal fancy retail decorative binder/boxes.

Note: I understand that Keychart was once sold with Quadram's printer, but we bought it direct from Softkey.

Anyway, other than the boxes, you get the same complete programs. There are drivers for dozens of other printers, every word in every manual is included, and every part of each program is included.

Now, let's take a look at all the things you can do. If you're already familiar with any of the software, you'll know that the following descriptions are simply the tip of the iceberg of the presentation graphics resources that you'll command.



**\$49<sup>90</sup> DAKGRAF**

Now you can create powerful, vibrantly colored graphs that really get your meaning across. You'll be producing graphs in seconds. I find it easier to spot trends with a graph than with a spreadsheet.

Let's make a simple one element graph. Just enter up to 12 numerical values (called observations). Then touch G. Then select a Pie, Line or Bar graph.

Instantly you'll see a full preview of your graph. But, there's lots more.

If you touch ESC, you can re-select another type of graph and it will instantly appear, using your existing data. So, you can choose the type of graph you want.

Anyway, if you've selected Line or Bar charts, the tick marks and values (called scaling) that you see on the left side of most graphs, can be added automatically.

Across the bottom of your chart, you're going to want to assign names to the 12 observation points we've chosen.

The names may be people, things or months. Just touch ALT M, and the Months will appear automatically. Finally, you can add or move floating captions.

Pie charts are also very easy. When the pie chart prints out, it can either show the actual number beside each slice or the percentage of the whole.

So far, we've made a simple one element graph. But for Line and Bar charts, you can have 4 elements. So, at each observation, you'll have up to 4 different colored bars or lines. You can compare profits, costs, sales and salaries.

Below the graph, a box with the appropriate color is printed. Just type a title next to it to identify each line or bar.

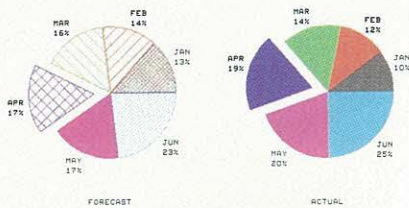
Of course, you can save your graph. You can recall it and change it. You can even change it from a bar, to a line, to a pie, in any order you like. And, you'll be running this program faster than it took to read this description.

When you print out your color graphs, you can choose from 4 different sizes.

**\$149 KEYCHART**

Here's the ultimate charting presentation program. It can run circles around the DAKGRAF. Not only can you create regular charts, you can explode pie slices and print in any of 7 different hatch designs in addition to the 7 colors.

WATERLOO TECHNICAL SERVICES  
FORECAST SALES VS. ACTUAL  
KEYCHART PRESENTATION GRAPHICS



But simple Pie Line and Bar charts are too easy for this program. It's very easy to use and completely menu driven.

In addition to being able to preview your graphs on screen, you can even edit your chart's size, location or you name it. Look at all the charts you can produce.

You can make Bar Charts, Clustered Bar Charts, Stacked Bar Charts, Horizontal Bar Charts, Line Charts, Combination Bar and Line Charts, Pie Charts, Multiple Slice Exploded Pie Charts, Scatter Plots, Combination Line and Symbol Charts, X-Y Charts (Business & Scientific Formats), High-Low-Close-Open and Volume Stock Charts, Area Fill Charts, Regression Analysis Charts, Log-Log and Semi-Log charts, Text Plots, Combination Chart and Text Plots.

All these charts may look complicated, but they are really easy to use. There's a standard template menu and all you do is fill in the blanks.

And look at this. You can import electronic spreadsheet information from programs such as Lotus®, MultiPlan®, SuperCalc®, VisiCalc® and more. So, you can fill in the blanks or import the data.

Dear Jim,

Today I would like to talk to you about the new breakdown of the sales territory. The thing that worries this change will help us in the way we distribute our goods.

One of the things I like about the new territory is that I think that we will be much more successful. Just look how we have used the best use of our existing territories.

I think that each person will be much more able to take care of their own area, and this will make our system more efficient since we are looking forward to receiving your thoughts.

**SALES AND COST REPORT**

Now you can see that our sales have grown. I think that it's time for us to make the best use of our profits. Look at the chart and you'll see the territories that we have made.

Let's now discuss with the new plan and we'll see just how good it can be. I think you'll like the results as much as I do.

Let's I think it's time for us to consider the new plan that we have for the eastern company for our territory. With the new breakdown of territory I think we can handle the accounts.

Between the new building that we have planned and the latest improvements in our plant, I'm sure we can do it all.

Now, the construction of both our products and really let us have designed like using slanted bricks instead of straight. Don't you think this is the best way to go?

Well, now you can consider all the possible ways for us to improve this.

**\$89<sup>90</sup> DESKTOP PUBLISHING**  
Savtek's Desktop Publishing program is incredibly easy to use. It's an integrated text and graphics program.

So, you can combine your text and pictures on the same page, but not on the same line.

Let me tell you about the paint program. It is absolutely a dream to use. It comes with over 100 predrawn pictures, but creating your own is easy.

And, if you're not an artist, don't worry,

everything is automated. It uses the arrow keys to draw. It's very fast and you'll be amazed at how easy it is to use.

You can draw lines in any of 12 different width/styles. And, you can instantly erase them with the Eraser function.

If you don't want a line, use Haze. It's like using a spray can. It lightly mists the area you move over. The more you go back over an area, the more dense it becomes. It's great for shadows and fill.

Want a straight line? Just choose two points and 'Line' will do the rest.

What if you want a circle? Just touch the return key. Then use the diagonal arrow key to enlarge or reduce the circle. If you use the up/down or right/left arrows, you'll get an ellipse.

In the same way, you can create squares, rectangles or triangles. And you'll be amazed how many things, from houses to technical drawings, are made up of squares, rectangles, circles and triangles.

Now lets have some fun. This program is incredibly powerful. Let's say you've created a square. You can pick it up and move it anywhere on the screen that you wish by using 'Move'.

Let's say you really like your square. Use 'Copy', and you can make as many copies as you like. And you can place each copy wherever you like. This is really great for organization charts or anything where you need repetitive shapes.

But, we're not even close to being finished. What if you don't like the size of what you've drawn?

'Vary Size' lets you enlarge or reduce any object on the screen. You can even stretch it out or make it tall and skinny. I stretched out a map of the United States.

And, there's still more. You can juggle a drawing on the screen. You can turn it over, around or sideways.

Finally, you can Zoom in on a section and 'operate' on it pixel by pixel for infinite control of each dot.

OK, now for some thoughts on color. There are 32 different fill patterns. You can see them in the main picture next to my map of the United States. Each of these patterns can be altered.

You can create your own patterns. So, you can make your logo, happy faces or you name it. Whatever you choose, you can automatically fill in any closed area.

This program will allow you to paint in 3 colors at a time. You can draw in black, blue and red, or yellow, blue and red.

You can also form patterns that are combinations of the colors for even more variation. There's also a provision for full size and half size picture printing.

**My favorite part.** OK, I'm not the world's greatest artist and I make mistakes (lots of them). There's an UNDO command. Whenever I mess up, I just touch UNDO, and my last action is instantly undone.

Finally, there are 12 font/sizes so that you can have headlines, titles or text within any of your drawings.

And, each of the 12 font/sizes can be shown on the screen and printed normally, in bold, in italic, in outline, or in shadow. Plus, you can write normally across the page, up the page, down the page or even upside down.

This is an incredible program. And, don't forget, you can integrate the pictures into its sophisticated word pro-

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... Presentations Continued  
cessing program instantly.

### \$299 GEM DRAW PLUS

Now, let's get really serious. While Savtek's paint program is superb, I think Gem Draw Plus is the most sophisticated drawing program in the industry.



Its power is virtually unbelievable. Making squares, rectangles, circles, arcs, and polygons, are mere child's play.

Expanding, shrinking or copying elements of your picture is accomplished with the click of a mouse (more later).

You can draw with up to 16 colors (this printer will print 8 including white). Each color is numbered for use on non-color monitors.

And, you can use 35 fill patterns. And each can be used with any color.

Gem Draw Plus is 'object oriented' rather than pixel or 'screen' oriented. It understands what you want to create, so it keeps the components (It calls them 'elements') separated in its memory.

So, for example, if you overlay a circle with a square, they mix on the screen, but not in the memory.

You can put one behind the other and then switch them. This program never forgets the objects you're working with.

If you design a house, you may make a toilet. Then you may make 10 copies. Later you may want to make them smaller.

Just gather them all together into a 'group', reduce them, and then 'ungroup' them and put them back wherever you want. It's great for architects, engineers or designers.

It's particularly strong for finance, manufacturing and higher education. Of course, you can draw sophisticated pictures just for fun. But, whatever you draw will be technically perfect.

And perfect is an understatement. Look at all the ways you can align the elements of your picture with just the click of the mouse. You can: Put In Front, Put In Back, Make Group, Break Group, Align Left, Align Center, Align Right, Align Top, Align Middle, Align Bottom, Page Center, and Even Spacing. Wow, all this is from just one pull down menu.

The Make Group and Break Group is incredible. If you've created a number of parts to your picture, a single command lets you combine them so you can do something to as many of them as you've chosen. Or, you can separate elements and act on each individually.

The list of drawing aids goes on and on, including auto-grid, and I certainly can't cover them all here. But look.

Let's say that last week you created a drawing. It could be an electrical schematic, an organization chart, or a forest full of trees. Now you want to create a new drawing. But, you want to 'pick up'

some of the parts of your old drawing.

After all, the best part of computers is that you never have to do the same work twice. Well, Gem Draw Plus allows you to bring up two separate screens at one time. So, for example, you can have your new picture on the left and the old picture on the right side of the screen.

OK, now it gets exciting. You can 'drag' an element from your old picture across the screen into your new picture.

Wow, so if you do repetitive types of work, you can instantly pick up parts from old pictures to save yourself time.

Of course, you can alter the element you've moved just as if you'd just drawn it. And, you can move something you've just drawn back to the old picture.

Gem Draw Plus gives you incredible power. And its graphics are especially compatible with Ventura® Publisher.

There are multiple line sizes with choices such as arrows, straight or rounded endings. There are different size fonts, of course. There's a library of artwork and there's a Shadow Command that gives any object a 3-dimensional look.

Gem Draw Plus comes complete with GEM Desktop which is a utility program that provides the 'Gem Environment'.



### \$119 LOGIMOUSE PLUS SOFTWARE

It's keyboard freedom when you plug Logitech's C7 serial mouse into your RS232 serial port. I've included it because it makes Gem Draw Plus so easy to use. But, you'll use it all the time.

Just plug it into your serial port and get ready for super productivity. This is the advanced version with special software that really speeds up your work.

The Point-and-Click software make the popular Lotus 1-2-3 work like a mouse-based application. It fully integrates the mouse, making it easier to create and edit spreadsheets. With Logimouse and its Program, you can scroll to different sections of your spreadsheet and move quickly from cell to cell.

It has its own time-saving pop up menus, which you can customize to meet your needs. With its Point Text Editor, you can open many overlapping windows on the same or different files.

You'll find that a mouse added to your keyboard will make your work infinitely easier in lots of programs.

**What is a mouse?** Well, it's very simply a small device you move on your desk. As you move it, it causes the cursor on the screen to move.

It replaces keyboard commands and is incredibly fast. It let's you be really productive. When the cursor is where you want it, simply click (touch) a mouse button and your computer will react.

You will find more and more programs supporting mice because they are incredibly easy to use.

I think you'll have a hard time matching the quality of the Logimouse. And when you add the Plus Software, I can't match the productivity at any price.

### WHY SO CHEAP

This system will come to you in just a few boxes. But, it took me over two months to assemble the software. I had to work with 5 separate companies, plus Quadram, to make it complete.

The problem was really very simple. Nobody at Quadram knew what software was available for this printer.

So they were sitting with 4200 printers. I bought all 4200 for a song and put together this package.

The only reason that the price is so 'cheap' is because I got a ridiculous price from Quadram. They are a large company with lots of other products, and 4200 printers wasn't worth their effort.

From Boston to Toronto to Silicon Valley, I've covered this continent to put together this system. Now, it's easy for you to use because you get everything.

Of course, if you just wanted to print text, virtually every word processing program works great. But you'd be wasting the incredible presentation power of this remarkable 7-color ink jet printer.

It's backed, as is each separate software package and the mouse, by each of the 6 individual manufacturers' standard limited warranties.

### BOLD PRESENTATIONS RISK FREE

Don't say it with words. Demonstrate your ideas with vivid colors. Show graphs to make your point. Design presentations to knock the socks off of prospects. Or, simply draw beautiful pictures.

If you aren't 100% awed, simply return it in its original boxes within 30 days for a courteous refund.

To order the Complete Presentation package including the \$495 Quadram 7-Color Silent Ink Jet Printer, DAK's \$499<sup>00</sup> DAKGraf, Savtek's \$899<sup>00</sup> Desktop Publishing Program, SoftKey's \$149 Keychart, Digital Research's newest \$299 Gem Draw Plus, and Logitech's \$119 Logimouse with Plus Software for a total \$1201<sup>00</sup> retail value, risk free with your credit card, call toll free or send your check for just \$499 (\$14 P&H) Order No. 4811. CA res add tax.

**Special hookup bonus.** Now you can switch between your current printer and this printer instantly. Just unplug the cable from your parallel printer and plug it into this box. Two identical cables are supplied that connect our switching box to both of your printers. It's just \$499<sup>00</sup> (\$3 P&H). Order No. 4813.

A box of 4 125' rolls of 8 1/2" wide paper is \$299<sup>00</sup> (\$3 P&H) Order No. 4486.

Extra 4,000,000 character Black Ink Packs are just \$129<sup>00</sup> (\$1 P&H) Order No. 4484. Extra 3,000,000 character Yellow/Red/Blue Ink Packs are just \$149<sup>00</sup> (\$1 P&H). Order No. 4485.

You never get a second chance to make a good first impression. With this system, every impression will be dramatically bold and 100% professional.

IBM PC & XT & AT, Gem Draw Plus, Keychart, Savtek, Quadram, Logitech & Logimouse & Point and Click, and Lotus 1-2-3 are registered trademarks of International Business Machines, Digital Research, SoftKey, Savtek, Quadram, Logitech and Lotus Development Corp. respectively.



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# What's a Mamfactacdc Plus?

Have you guessed yet? It's all the musical sources in this incredible, top of the line, complete music system, backwards. And, if you think Mamfactacdc is a mouthful, wait till you see all you get for just \$399. Wow!

By Drew Kaplan

It's party time. With a Mamfactacdc, there's something for everyone. And, wait till you hear the sound.

This top of the line complete stereo system has more musical sources than any system I've seen. And, the sound from each source is breathtaking.

And speaking of breathtaking, take a look at the elegantly designed cabinetry, complete with matching tower speaker systems you'll be adding to your home.

And, you'll be able to sit back and enjoy the beauty of your music as well as the beauty of the cabinetry when you use the included wireless remote control. But first, let's explore all that it does on a musical source by source basis.

**CD = Compact Disc Player.** It has a 3-beam laser servo system with heavy sampling for superb sound. Plus, it's loaded. You can select any 15 tracks in any order you like. There's even a repeat button. So, you can repeat selected tracks or the entire disc, forever.

Just touch a button and you can skip to the next track during play or repeat the track you are listening to. You can even play back indexed passages within a track. A display shows you the track that is playing, the elapsed time, programming or the total time of the disc.



Imagine listening to music with a frequency response from 5hz to 20,000hz +.5db -1db. Wow! Imagine sound so pure that harmonic distortion is just 0.003%. And if you're into zeros, flutter and wow is "unmeasurable".

The sound quality and yes, the sonic violence, will thrill you. CD gives you a signal to noise ratio of 95db. There is, for all intents and purposes, absolutely no hiss, no scratch, and best of all, no surface noise.

Conventional records and tapes have a dynamic range of perhaps 50db. Dynamic range is simply the difference in sound level (volume) between the softest and loudest recorded sounds.

CD gives you a 95db dynamic range, which is roughly equivalent to the difference between absolute silence and standing next to a jet engine. Wow!

But, you've really got to hear a CD for yourself. The sound quality and clarity of the music is so awesome it makes the switch from 78s to LPs a non-event.

**CA = Cassette Deck Times 2.** There are twin high speed dubbing cassette decks. You can duplicate tapes at high speed or normal speed.

So, you can copy friends' tapes to enlarge your collection. Or, you can copy your own tapes so you'll have copies for

your car or personal stereo.

The decks are matched for flawless copies and there's even mike mixing. You'll love this feature if you sing.

Simply put a recorded tape in deck 'A' and copy it onto deck 'B' as usual. But, while you're copying, you can add your own vocal. Just plug in your mike and sing. You can be a single, a duet, a trio, or even a chorus by repeated recording.

Of course, you can make original tapes from any of this system's musical sources.

**And, look at this.** There's even sequential play, so you can play a cassette in one deck, and when it's finished, the other deck will automatically start. You'll have twice the amount of uninterrupted music.

With these twin decks, you'll make great recordings and enjoy great sounding music from your cassettes.

**TT = Belt Drive Turntable.** It's a semi-automatic turntable. A low mass tone arm and quality magnetic cartridge protect your cherished records while providing superb reproduction.

You can listen to LPs and 45s. There's automatic arm return. And, there's a cueing control for record protection and easy track selection.

**FM/AM = FM stereo and great sounding AM** are yours with the sensitive tuners in this system. A large slide rule dial makes it easy to find stations.

You'll really lock in your favorite FM stereo stations with the tuner's built-in AFC. So, you won't encounter drift when your listening to, or recording from FM.

There's a built-in antenna, or you can connect to an outside antenna. Just wait till you hear your favorite stations locked in by these receivers.



## MORE

There's a 5 band equalizer so that you can sculpture your sound just the way you want it. You can really 'detonate' the bass or high end for room filling sound.

And speaking of vibrant room filling sound, the matching 2-way 'tower' speaker systems really pack a punch. Rich deep bass is produced by the woofers, and crystal clean highs by the tweeters.

Emerson had to use better than nor-



mal speakers in this system to handle the dramatic capabilities of the CD. You won't be disappointed with the full rich sound.

Tower speakers provide superb depth and realism because the large enclosures encourage massive deep bass, while the extra height allows for extended sonic placement cues from the tweeters.

## AND MORE

There's no volume knob because this system has an electronic volume bar. Just touch one end or the other.

And there's one more thing. There's a built-in clock timer. You can have this system shut itself off automatically. Or, you can have it turn itself on.

When it turns itself on, it can wake you with your favorite music, or if you've set it to record, it can record from the AM or FM radios. So, you can record broadcasts you'd miss if you were away.

The rack system is 38 1/4" tall, 18 1/2" wide, and 16 1/4" deep. Each speaker is 38 1/4" tall, 11" wide, and 9 3/4" deep. The entire system is backed by Emerson's standard limited warranty.

## INFRARED REMOTE CONTROL

Just sit back and relax. You can turn the system on or off from up to 20 feet away. And, if the phone rings, just touch 'Mute' for instant silence.

You'll also control the volume. So you can set and alter the volume at any time without having to get up.

## BEAUTIFUL DESIGNS

Just look at the craftsmanship of the angled moldings at the bottom of the cabinet and each matching speaker. The combination of woodgrain appearance and black is striking.

The extra touches like the woodgrain accent strip separating the bottom third of the speakers, and the angled molding at the top of the speakers, really make this unit an elegant addition to any room.

## MAMFACTACDC IN YOUR HOME RISK FREE

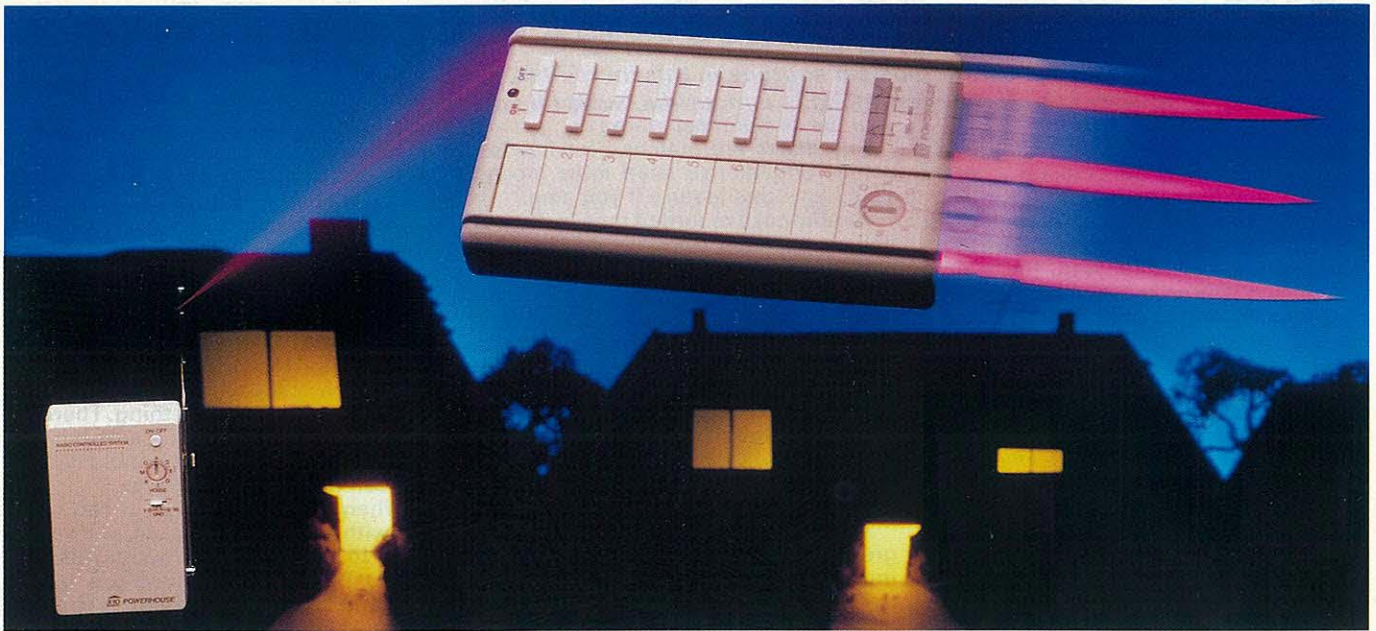
You'll be amazed at the sound. And you'll be thrilled by your choice of musical sources. It's an incredible system.

If you're not 100% satisfied, simply return it to DAK in its original boxes within 30 days for a courteous refund.

To order Emerson's Stereo System with 15 Program Capability CD Player, Dual High Speed Cassette Decks, Belt Drive Turntable, AM and FM Stereo, Tower Speakers, Equalizer, Timer System and beautiful Rack Cabinet risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just \$399 (\$62 P&H. It's a full rack system). Order No. 4805. CA res add tax.

A lot of sources stuck together wouldn't mean much if they weren't top quality. Just wait till you hear how your favorite music sounds through this system.

**DAK INDUSTRIES INC.**  
 Call Toll Free For Credit Card Orders Only  
 24 Hours A Day 7 Days A Week  
**1-800-325-0800**  
 For Toll Free Information, Call 6AM-5PM Monday-Friday PST  
**Technical Information. . . . 1-800-272-3200**  
**Any Other Inquiries. . . . . 1-800-423-2866**  
 8200 Remmet Ave., Canoga Park, CA 91304



## The Remote Blowout Continues Remote, Remote Control

Now you can have wireless remote control of your X10 system from anywhere in or around your home. Now you can turn on lights as you approach your home in your car, or adjust the brightness of your dining room chandelier as you sit at the table. It's compatible with all other X10 controllers and modules. And, wait till you see DAK's breakthrough prices.

By Drew Kaplan

Forget wall-bound switches. Imagine walking freely around your home, turning lights and appliances on and off.

Look out of a window and turn on your back yard lights. Dim the lamp at the other end of the room. Or, turn on the living room lights as you come downstairs.

This instant remote control system consists of inexpensive space age control modules and command centers, and it simply plugs-in in seconds.

It actually uses your existing house or office wiring. And if you can plug in a lamp, you can plug-in this system.

It's exciting. Just imagine effortlessly retrofitting your home or office for remote control without ever running a single wire.



**NOW IT'S REALLY REMOTE**  
As sophisticated as the X10 system

has been with Control Consoles, Timers and even Telephone Controllers, it has now gone Hand Held Wireless.

As you can see in my hand (to the left), or flying over my home (above), a new hand held RF radio controlled ultimate console now exists to set you free.

You'll actually be holding remote control for your entire home in your hand. Just touch a rocker switch to turn on or off any lamp or appliance you choose.

There's even 0% to 100% dimming. There are 8 buttons, plus, a switch that lets you select another 8 (more later).

Just imagine the freedom of sitting on your patio as it gets dark. Just touch a button and your patio or yard lights will jump to life. If you'd like to view the stars, just switch off the lights.

It's very romantic under the stars. In fact, it's very romantic in the living room or bedroom as you remotely dim the lights.

It's also a safety/security device as well. If you hear a noise, a button in your hand turns on the lights.

As you drive up to your home at night, just touch a button to turn on your front, side or back yard lights. You'll never have to be in the dark again.

And, if you connect a siren to a module, this wireless remote becomes a portable panic button that goes where you go.

### WIRELESS REMOTE EXPLAINED

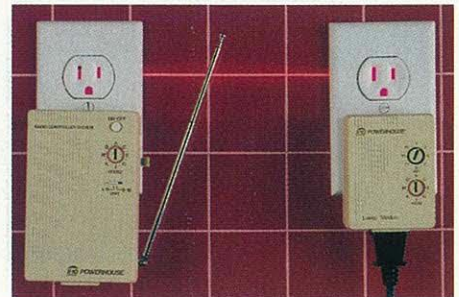
The handset generates radio waves that won't bother your TV or FM, but will activate its matched plug-in receiver.

The receiver (which is also a plug-in appliance module), then translates the button you've pushed into control codes for ALL the X10 modules in your home.

So, using this remote is basically the same as using any of the wired consoles that I'm about to describe. One receiver will operate up to 8 different modules.

If you have two receivers, a front panel switch lets you select a second 8

modules. So, from the handset, you can operate up to 16 different modules.



### HERE'S HOW X10 WORKS

As you push each button on the command consoles, a powerful but silent encoded signal is sent down its AC cord into your home or office wiring.

This safe, silent encoded signal, travels throughout your electrical system. And, it won't disturb your TV or your FM.

It can even reach your unattached garages, barns, sheds and even your pool light, porch lights and yard lights.

Wherever you want to control a light or appliance, all you have to do is plug in one of the system's controller modules.



Each module has a rotary dial numbered from 1 to 16. Just dial in a number to match one of the 16 numbered buttons on any of the control consoles.

Then, just plug the module into the  
...Next Page Please

... Remote Continued wall and the lamp or appliance into the module for instant remote control.

**Important note:** You will still have local control of all your lights and appliances by just using their normal switches, even though they are plugged into modules.

Each module actually senses when you turn the controlled unit's switch and automatically relinquishes control.

There are separate modules for lamps that have full range dimming capability from 0% to 100%, and handle up to 300 watts. There are appliance modules that have no dimming but can handle up to 500 watts, or 1/3hp motors.

And, there are even light switch modules that have both full dimming and 500 watt capability which you can put in instead of your present wall switches.

You can move the modules from place to place or change their code numbers in seconds. And of course, if you move, your system goes with you.

### SOME NEAT IDEAS

You can set several modules to the same number so that the front and rear lights can come on together.

Or, you can set all the lamps in a room to come on and even dim together.

In my photography studio, I constantly have to turn on and off the lights. With this remote, I can do it from the camera.

I can turn the lights on in the garage as I walk toward it. And, I can turn on our bedroom lights as I walk upstairs.

You're sure to want a module in your dining room. Eating by subdued light is a real pleasure. And remember, not only do you get full remote control, you get 0% to 100% brightness control.

It's like getting free dimmers thrown in with your remote control. Use it for bedside lamps, swag lamps, ceiling lights, track lights and garage lights.

And, you'll automate your fans, coffee maker, humidifiers and crock-pots.



### QUITE A SYSTEM

As you get into bed tonight, think about what you'd do if you heard a noise outside or downstairs. Just push a button. Think about how nice dimmed lights would be in your bedroom or living room.

If you're at all like me, you'll love all the 'plug-in' things you can do with the new improved wired and wireless X10 Remote Control System. It's backed by X10's standard limited warranty.

### THE COMMAND CONSOLE

Imagine that you're watching TV. You can dim the lights from your easy chair.

If you hear a noise, touch a button and your outside flood lights jump to life.

It's all easy when you have this top of the line Command Console, shown above, sitting next to you. It can let you control up to 16 different lights and appliances.

You can turn each on or off. You can



dim or brighten lights. And look at this, you can turn all your controlled lights on or off for instant security with the 'All On' and 'All Off' buttons on the console.

You can even move it from room to room because its total installation consists of simply plugging it in.



### MINI CONTROLLER

Here's an easy way to have a console wherever you want. This inexpensive console will let you control up to 8 modules exactly like the controller above.

There are 4 buttons plus the 'All On', 'All Off', 'Dim' and 'Bright'. To access 4 more, just slide the '1-4' switch to '5-8'. For just \$9<sup>90</sup>, it's console heaven.

### THE TIMER

This sophisticated electronic brain can perform 32 tasks. Just plug it in.

Select the module number you want to control, then decide if you want the controlled device to come on or off.

If you only want something to happen once, just push the 'Once' button.

There is a 'Daily' button that lets anything you've programmed occur every day. There's a 'Security' button. You can program lights and radios to give your house a lived-in look when you're away.

With The Timer, you can set your window air conditioning to come on an hour before you return from work.

Or, you can have your porch lights come on so you'll never enter a dark house. And, you can set your hall light to come on at 11PM and off at 6AM.

**Special Note:** Just put in a 9V battery and your program memory will be protected from power failures.

### TELEPHONE CONTROL TOO

You can even phone home and control anything. Just plug it into both your

AC line and any modular phone jack.

Then just call your regular phone number, hold up its 'beeper controller', give your 3 digit code, and start controlling.

And, if you own a second home, now you can activate pipe heaters or 'switch on' the house so it's warm or cool and lit.

### ULTIMATE REMOTE CONTROL RISK FREE

It's simply thrilling to use. It's security. It's convenience. And, it's fun.

If you aren't 100% satisfied, simply return any component to DAK in its original box within 30 days for a refund.

To order **Any Combination** of Command Consoles, and Modules, call toll free, or send your check as shown below.

**Order any combination of Command Consoles and modules you desire.**

1) **The Hand Held Wireless Remote plus Receiver**- Lets you control 8 different modules with one receiver, or buy two sets of transmitters/receivers. You'll have two handsets and each will be able to control up to 16 different modules. On/Off and Dim. Just \$49<sup>90</sup> (\$3 P&H) per receiver/transmitter set. Order No. 4712.

2) **The Control Console**- Lets you control up to 16 different modules. On/Off/Dim/All On/All Off. Just \$19<sup>90</sup> (\$2 P&H). Order No. 4622.

3) **Mini Controller**- Lets you control 8 modules. On/Off/Dim/All On/All Off. Just \$9<sup>90</sup> (\$2 P&H). Order No. 4713.

4) **32 Event Clock Timer**- Lets you control 8 modules. Also acts as a command base plus sleep and security extras. Just \$26<sup>90</sup> (\$2 P&H). Or. No. 9777.

5) **Telephone Responder**- Phone home and control 8 devices. It's also a base. It's just \$39<sup>90</sup> (\$3 P&H). Order No. 9778.

6) **Lamp Module**- Controls/Dims lamps up to 300 watts plugged into walls. Just \$9<sup>90</sup> (\$1 P&H). Order No. 9779.

7) **Wall Switch Module**- Controls/Dims lights now controlled by wall switches. 500 watt capacity. Just replace your wall switch with this automated module. Just \$12<sup>90</sup> (\$1 P&H). Order No. 9780.

8) **Appliance Module**- Control stereos, TVs, or anything with motors. 15 amps, 500 watts, 1/3hp rating. Just \$10<sup>90</sup> (\$1 P&H). Order No. 9781.



**DAK INDUSTRIES INC.**

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## The \$999 Typewriter/Computer BOMBSHELL

Now complete with two incredible computer programs  
that let the DAISY WHEEL PRINTER print graphics too.

- DESKTOP PUBLISHING BONUS
- GRAPH MAKING BONUS

# Unfair Competition?

## An Unfair Challenge to IBM's Typewriters and Computers

What if you and every secretary in your office could have powerful computers that were as easy to use, but cost less than IBM electronic typewriters? What if they also ran IBM compatible software? Well, now you can get this 256K IBM PC Clone, the Amber Monitor, the Letter Quality Printer, and The \$400 Software Library for just \$999.

By Drew Kaplan

Look around your office. Are your secretaries wasting time typing and re-typing letters and documents?

Well, throw out your dumb typewriters. Now typing on an IBM compatible computer can be as easy, and yes, cheaper than using an IBM electronic typewriter.

Every word you type can be stored in the 256,000 character memory or on floppy disks. So, when you make corrections to a letter or document, you'll never need to retype the whole letter again.

### 30 MINUTES TO PRODUCTIVITY

In 30 minutes you or your secretary will be comfortably typing letters faster than on any typewriter. This computer is so easy to use that there's no "computer fear" from non-computer typists.

But, if you're looking for computing power, get ready to blast off. It is so powerful that it will run Lotus 1-2-3, Flight Simulator and every other IBM compatible program that we've tested.

In fact, the manufacturer states in the Operator's Guide that, "The computer is ultimately and completely compatible with the IBM Personal Computer."

Actually, typing letters is child's play for this sophisticated machine. But for \$999, it's sure to be the most popular typewriter in any office or even at home.

So, compare it to the typing ease and durability of say the new IBM Wheelwriter 5 at about \$1045, or a Xerox Memory-writer 625 at about \$1595.

Or compare just the computer section to the agility, speed, and intelligence of an IBM computer. Then, check our price.

### FORGET LIFT OFF CORRECTION

Think about making a change in the first paragraph of a letter you have dictated. Just mark up the draft copy and give it back to your secretary.

She can bring the letter back onto the 80 column 25 line Amber Monitor, make the corrections, touch one button and

the letter will automatically print out with your corrections and additions.

You'll never have to reread or re-proof retyped letters again for errors. And instead of spending 15 minutes retyping and re-proofing, your secretary can be working on your next project.

A typewriter-type word processing program whose commands flash on the screen, when needed, makes this the ideal transition from typewriter to computer.

Look how easy it is to use. Simply touch the F1 key at the left of the keyboard to delete a character. F2 deletes a word. And, F3 deletes a whole line.

F5 turns this machine into a line by line typewriter for typing directly onto envelopes or forms. F6 prints out anything on screen at any time.

This is a magnificently simple program that you or your secretary will be comfortable with in 30 minutes.

But when you are comfortable, you'll want to open our sophisticated \$400 Software Library that lets you really start to use the power of this computer.



(DAK's added Software shown with included Visual Manuals)

You can type in lists of your customer's or employee's names and addresses. Then create a letter, select which names you want to receive the letter, and the computer will automatically print out individualized letters for each person. So if you want 5 people or 500 people

to be notified personally of your newest product or policy, now it's all automatic.

There's also a Budget Program, a Calendar Program and even a Portfolio Management Program we have included.

Of course you can use any IBM compatible PC programs from Lotus 1-2-3 to Norton Utilities. Or, you can buy other even more sophisticated word processing programs that even correct your spelling or give you an on-line thesaurus.

### MORE THAN A TYPEWRITER

This IBM compatible computer with its two 360 kilobyte drives, 256K random access memory (more is available), composite video and yes, even RGB full color graphics output, is made by Visual, the 5th largest manufacturer of office graphics terminals.

Visual's computer is loaded. It has both a Centronics parallel printer output (we've included a superb daisy wheel letter quality printer) and an RS232 serial communications port (yes, you can add a modem to access outside data banks, or your main frame computer).

Visual's 1985 price list shows a list price of \$1895 for this computer. And, that doesn't include the Amber Monitor, the Printer, or the Software Library that we've added. It just includes the computer and of course the IBM compatible MS DOS 2.1 operating system.

### WHY SO CHEAP?

Visual makes terminals. They thought they'd design a superb IBM Clone and sell it with their terminals.

Well it turned out that Visual's salesmen weren't equipped to sell computers and Visual had put too much money into these computers (the built-in color graphics, TTL output, 2 floppy disk drives and lots of other features) to sell them at today's stripped down prices.

So, Visual has sold them all to DAK and has taken an enormous loss. (But don't worry about Visual. They are a

large company and 'dumping' these computers just lets them get back to concentrating on their main terminal business.)

So, you'll save a fortune and that's why this is an unfair comparison to IBM.

You see, you're saving money only because Visual lost money. IBM not only needs not to lose money, but needs to make a profit as well.

And, don't worry about ending up with an orphan. Unlike small computer companies that come and go, as long as Visual makes terminals, they will be around to protect your investment. Plus, they use the Sorbus Network for service. **TAKE YOUR WORK HOME TOO! Wow!**

With the addition of a \$149 optional 25 line 80 column LCD display, you can take this computer home. It's a full monitor display screen complete with graphics.

So, when it gets to be 6:00 and there's still work to be done or files to be studied, just take the computer home or send it home with your secretary.



And, with the addition of a modem, you can even transmit files from home to the office. Or, you can log onto data bases like CompuServe or Dow Jones.

**THE GOOD, THE BAD, & THE BEAUTIFUL**  
From your first touch of the rugged sculptured keys of this computer, you'll appreciate the built-in rugged quality.

There's even a 10 key numeric pad. The 83 key keyboard is identical to IBM's PC, except for the addition of lights on the 'Cap Lock' and 'Number Lock' keys.

The contoured keyboard is extremely comfortable. But, I must warn you that if you've never typed on an IBM PC, they've made the Shift keys and Return Keys slightly smaller than on a typewriter and it will take you a few minutes to adjust.

The computer has two floppy disk drives that use double sided double density 5 1/4" floppy disks. Each floppy disk holds 360,000 characters.

As a free gift from DAK, we're including a box of 10 disks. You can store 3,600,000 characters.

The computer uses a 16 bit 8088 Intel processor with a 4.77 MHz clock speed. It is AC powered and UL and FCC listed.

There is 256K of installed random access memory (RAM) for you to use as compared to 128K for most computers and the 7K on the IBM Wheelwriter 5.

We've included Magnavox's latest 80 column 25 line 12" non-glare Amber Monitor. It has 900 lines of horizontal resolution and 350 lines of interlaced vertical resolution to display graphics.

You can also connect an RGB (red green, blue) monitor for full color graphics. With most computers, the internal 'color card' can cost you several hundred dollars. Visual's has it built-in.

You can expand this computer by adding custom cards. There is an expansion port that can be directly connected to an IBM expansion chassis. Of course, the computer is infinitely expandable by running IBM compatible software.

**THIS IS NOT A CHEAP STARTER COMPUTER.** Forget our price. Put it side by side with a similarly equipped IBM, run the same programs and you'll get the same results.

In fact, it's so compatible that you can interchange disks of your letters and programs between Visual's computer and an IBM PC whenever you wish. **Wow!**

#### THE PRINTER

This Silver Reed daisy wheel printer will type on your standard letterhead, envelopes, 3 X 5 cards or mailing labels.

It uses the same type interchangeable daisy wheel direct impact print system as typewriters (heavy duty of course).



The printer prints at 10-12 characters per second bidirectionally. You can set horizontal spacing, 'pitch', for expanded or contracted letter spacing. You can underline automatically and you can print normal or Bold.

But, don't worry. You can simply put in your paper and type. You can even use continuous form tractor feed paper with the optional \$69 tractor feed.



Or, use your own letterhead with the optional \$99 cut sheet feeder.

#### FINAL NOTES

Both the Silver Reed Printer and Magnavox monitor are backed by their respective manufacturers' limited warranties. The Visual Computer is backed by Visual's limited warranty and serviced by Sorbus (or Visual).

#### DON'T FORGET IT'S PORTABLE

For just \$149, you'll get the factory installed 80 column 25 line (graphics capable) LCD display which simply lifts off when you're using the Amber Monitor.



You may not take your computer home or to another office every day, but the versatility is phenomenal.

#### ACCEPT OUR TYPEWRITER COMPUTER CHALLENGE RISK FREE

Wait till you see this state of the art computer marvel on your desk. And wait till you see what its incredible computing power can do for your productivity.

If you're not 100% satisfied with its typing or computing ability, simply return it to DAK in its original boxes within 30

days for a courteous refund.

To get your Visual 256K IBM Compatible Computer with Two 360K Floppy Disk Drives, Composite and RGB Outputs, Amber Monitor, Silver Reed Letter Quality Daisy Wheel Printer, \$400 value Software Library, 10 Free Double Sided Double Density 5 1/4" Disks and connecting cables for the monitor and the printer risk free with your credit card, call toll free or send your check for DAK's limited Close-Out price of just \$999 plus \$24 for P&H. Order No. 4500. CA res add tax.

#### OPTIONS

If you're into massive spreadsheets and the largest programs, order the 512K upgrade which doubles the 256K memory. It's installed by the factory for an additional \$129 (\$5 P&H) Ord. No. 4625.

Add the factory installed 80 column LCD 25 line display so you can move Visual's computer and work wherever you want. It's just \$149 (\$5 P&H) Order No. 4626.

If you want to run continuous forms, from mailing labels to checks to letterhead, the Silver Reed Tractor feed snaps on and off in about 30 seconds. It's just \$69 (\$3 P&H) Order No. 4345.

Use your standard letterhead automatically with the cut sheet feeder. It feeds paper like an automatic copier tray. It's just \$99 (\$5 P&H) Order No. 4627.

Standard 300,000 character black poly ribbons are just \$6 (\$0.50 P&H) Order No. 4346. You'll never see a lifted off correction mark that shows where errors have been removed again. You'll get 'Presidential Quality' letters that you'll be proud to mail every time.

#### !!!!!! SUPER NEW BONUS !!!!!!

Effective March 10, 1987, we will include Savtek's incredible new \$89<sup>90</sup> Desktop Publishing Software so you can create letters, proposals, and reports with INTEGRATED text and graphics.

You'll also get DAKGRAF which lets you produce full page Bar, Line and Pie Charts. It's all produced on Silver Reed's daisy wheel printer. Wow! Both programs are fully described on other pages.

... that our organization chart and exact responsibility for our products. So, we need to match both the people and the product if we are to be successful.

Each section of the country has a unique need for our products. So, we need to match both the people and the product if we are to be successful.

Starting with our warehouse facilities.

... we must grasp the opportunity or it will be divided into 4 regions, again as I said to maximize our existing facilities. I think that Tom, Jim, Fred, and Sam can each handle a region from our main office.

But, they'll have to make frequent trips to be sure that the actual direct customer contact is being maintained correctly. I would like to have a preliminary meeting by next Friday to get this plan into action.

I would like to receive any suggestions at Friday's meeting that would make the plan go more quickly, of course, if you have any different ideas, please bring them up at that meeting or forever hold your peace.

This is a major move for the company. I value everyone's input. And I expect everyone

IBM & IBM Wheelwriter 5, Lotus & Lotus 1-2-3, Flight Simulator, and Xerox & Xerox Memorywriter 825, are registered trademarks of International Business Machines, Lotus Development, Microsoft, and Xerox Corporation respectively.

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8200 Remmet Ave., Canoga Park, CA 91304

# Computer Power Controller



**Protect your computer and 5 peripherals from spikes, turn everything on and off from the front & swivel your monitor.**

By Drew Kaplan

It's great. Now you don't have to reach around the back of your computer to turn it on. And not only can you turn on each peripheral separately, you can turn them all on or all off with one switch.

**But there's more.** This all new Power Controller is much more than just a fancy 'octopus' that supplies you with 6 outlets to get rid of cumbersome tangled cords.

It aids in the prevention of damage caused by voltage surges and spikes. It then goes on to filter your AC to help protect your equipment and data from line noises caused by power disturbing air conditioners, refrigerators and the like.

**And look at this.** It protects your equipment from itself. There are 4 separate filtered sections. So, your computer will be protected from your printer, modem or other peripherals.



## BUT IT'S CONVENIENT

There are 6 protected 3-wire outlets

# Phone Time Clocker

**Doctor, lawyer, beggarman, thief; time affects us all, especially on the phone.**

Well, we can't stop time, but now we can effortlessly keep track of all our phone calls. Just lift your receiver and the count begins.

If you bill or are billed for phone calls, here's the easy way to keep track of the time. There are no buttons to push. No sequences to remember.

Whenever you lift the receiver, time begins. And when you don't lift the receiver, push a button and you'll have an inconspicuous timer to aid you all day.

Also, when it isn't timing your calls, it's an extra large LED clock/calendar.

## EFFORTLESS INSTALLATION

Just unplug any standard modular phone cord from your office or home phone. Plug it into the jack on the timer. Then plug the timer's short cord into your phone's jack.

Put in a single AA battery (not included)

on the back. 5 are switched from the front. One is unswitched but spike protected so you can leave a peripheral on.

Each of the 5 switched outlets has a non-glare status light so you know what's on. Push a button for on/off control.

You can swivel the monitor from side to side. So, if you have a separate keyboard, you can really type in comfort.

Above, you can see The Power Controller between the Visual IBM® Compatible Computer and its monitor. It is 1 3/4" high, 13 3/4" wide and 12 3/4" deep.

**You can use it with virtually any computer.** (It can hang off the back up to 3 1/2 inches with no problem.) It's a perfect combination of convenience and protection for your computer system. It's backed by a limited warranty.

## PROTECTION & CONVENIENCE RISK FREE

I've only had my data wiped out once by a power surge. But, I had over 2 hours of irreplaceable 1st draft copy in my computer when it happened.

Now, I'm using my new Power Con-

trollers with 4 different computers. With this added protection, maybe I won't lose data again. And, I've learned to save my data much more often since my loss.

If you're not 100% satisfied, simply return it to DAK within 30 days in its original box for a courteous refund.

To order your 6 outlet Power Controller with Spike Protection, Line Filtering, Circuit Breaker and a 10' 3-wire grounded power cable risk free with your credit card, call toll free or send your check for DAK's blockbuster price of just \$79 (\$6 P&H). Order No. 4623. CA res add tax.

I like the convenience. It's something that helps me every day. But, I'm thrilled with the added protection. If it even helps once, it's worth many times the cost.

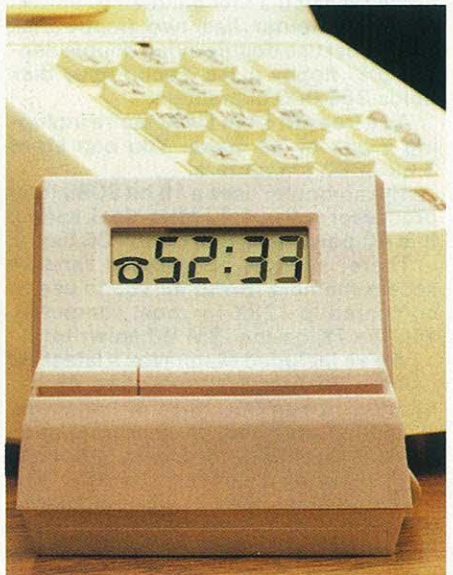


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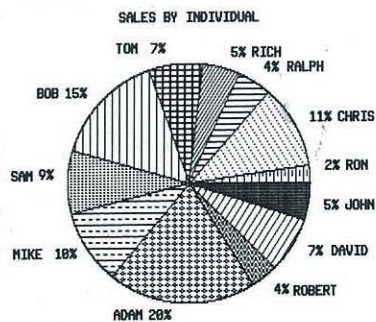
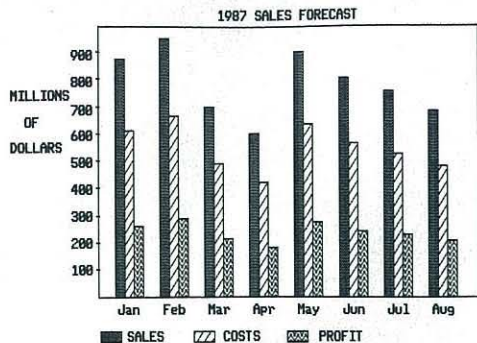
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FOR DAISY WHEEL PRINTERS

INK JET PRINTERS

DOT MATRIX PRINTERS

# Ideas Exposed

Hidden within spreadsheets, sales reports, and any numerical reports, are the really important concepts and trends. Now with instant DAKGraf for IBM PCs and Clones, you can show the essence of your ideas with no programming.

By Drew Kaplan

There's no time. Whether you're selling a product, making a proposal or comparing production results, everyone's rushed.

Why look at columns of numbers when you can effortlessly scan a bar, line or pie chart. In seconds you can show trends and make points that would take pages of explanation to make clear.

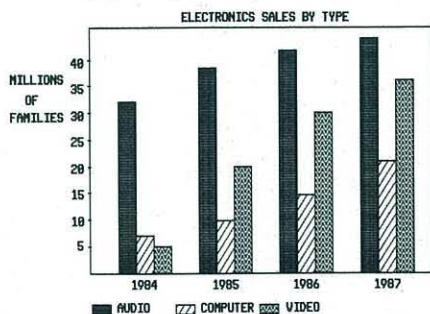
You may be involved with anything, from fund raising to camping equipment to selling tropical fish. Well, every day I'm confronted with dozens of figures. And frankly, without graphs I'd be lost.

Look at this. If this isn't tedious, I don't know what is. In 1984, 32, 7 and 5 million households owned Audio, Computer and Video equipment, respectively.

In 1985, it was 38.4, 9.7 and 20 million each. In 1986, it was 41.6, 14, and 30 million each. And in 1987 it will be 44, 21 and 36 million each.

If I had added all the zeros or put each name by each number, it probably would have taken this whole page to describe this very simple set of ideas.

Well, one glance at the graph below instantly gives you all the information.



It gives you the concepts and trends. In short, it's infinitely better than looking at numbers. And, no matter what your subject is, you can effortlessly create graphs like this to get your ideas across.

If you want to show your bank a comparison between 1986 and 1987 sales and profits, hand them a graph. They'll get the 'Big Picture', fast.

Let's say you have 12 sales people. If you look at the pie chart above, it doesn't take a genius to see that Adam is much more likely to be promoted than Ron.

You can also see (in this graph) that this program will produce 12 unique backgrounds to emphasize your ideas.

So, no matter how complicated or

simple your information is, a graph can dramatically demonstrate your ideas.

And, not only can you save pages of cumbersome information that may not even be read, you make the professional impression you desire, instantly.

## GRAPHS FOR EVERYONE

All the graphs on this page were created with a Silver Reed Daisy Wheel printer. This program is both Diablo 630 and Qume compatible. So, just about any daisy wheel printer will be perfect.

Of course, you can also use any Epson FX/MX compatible dot matrix printer as well. But, I wanted to create these graphs with my daisy wheel letter quality printer, because most people aren't aware of the capabilities of letter quality printers.

You'll need an IBM PC, XT, AT or Clone with at least 256K and one floppy disk.

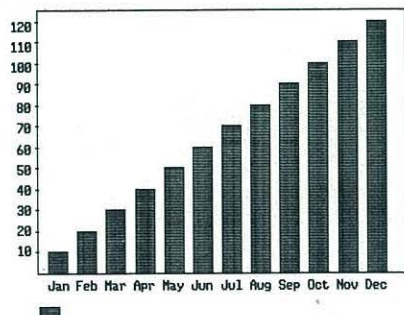
## ASTONISHINGLY EASY

OK, I said it was easy to create a graph. Let's pretend you're sitting in front of your computer. I'm going to show you just how easy it really is.

Type DG. The program will load and the DAK Logo will appear. Touch any key and you'll be at the main menu. Choose D for Data Entry.

You'll be requested to enter numbers. Let's make a simple one element bar graph. Enter the following numbers 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120. Then, touch G.

You'll be at the Graph Menu. Touch L, so you can put names under your columns. Then just touch ALT M, and the months will be put in automatically. Touch G and look at what you'll have.



## WHAT YOU SEE

You'll preview your exact chart on-screen before you save it and print it out. You can instantly change it from a bar to a line to a pie to suit your taste.

## MUCH MUCH MORE

Together, we created a simple one-element chart, but this sophisticated program will allow you to compare 4 sets of data in both line and bar charts.

Let's look at all it can do. First, you'll want titles and labels on your charts.

Just set up your graph. Then while you're in the preview mode, type 'A'. You'll be able to add titles and labels. You can move them. And, you can correct them.

If you look to the left on bar and line charts, you'll see 'graph measuring numbers'. These are called scaling.

You can not only select the range such as 10s, 100s or 1,000,000s, you can select where the numbers start.

If you look below bar and line charts, you'll see boxes that represent the bars and lines. Just add your titles.

With pie charts, the program gives you your choice of printing the numbers, or it will calculate percentages.

You can print out each graph in 3 different sizes. And you can choose the size at the time you print. Bar charts may have up to 24 bars. Pie charts may have up to 12 slices. Line charts 52 points.

If you're like me, you've wanted to create graphs without having to load complicated programs. DAKGraf gives me instant preview capability and it takes just minutes to input the data for a graph.

It's the easiest program I've ever found to use. And, you can see a few of the results of its power on this page. It's backed by DAK's limited warranty.

## CREATE POWERFUL GRAPHS RISK FREE

Now I can use my dot matrix and my daisy wheel printers to produce full page, dramatically impressive graphs for my work, for my wife's activities and for my children's reports in school.

If you're not thrilled, simply return this program in its original package within 30 days to DAK for a courteous refund.

To Order DAKGraf for easy to make Pie, Line and Bar Graphs with a great educational graph-making instruction manual risk free with your credit card, call toll free, or send your check for DAK's factory direct price of just \$49<sup>90</sup> (\$2 P&H). Order No. 4724. CA res add tax.

You'll be thrilled by the impact that your ideas make when you present them in graph form. And, I can't think of an easier way to create graphs than with this breakthrough program.

IBM PC, XT and AT, Qume and Diablo are registered trademarks.



# BSR's Endangered Colossus

Prepare for bone jarring bass and dramatically clear highs from these newly developed 15" 3-way 5 speaker systems that nearly missed their chance to charm an audiophile's ear. BSR moved its dbx and ADC divisions into one facility and these speakers almost became orphans. So now, they're yours at a close-out price.

By Drew Kaplan

It's a shame. But, it's also a great opportunity to get a pair of 15" audiophile loudspeakers with the newest in stereo imaging at a market-breaking price.

Imagine a precisely matched mirror image pair of top-of-the-line BSR speakers that can effortlessly recreate the cataclysmic impact of a full orchestral crescendo at full volume and yet offer flawlessly subtle sound detail to 21,500hz.

You'll thrill to thunderous bass all the way down to 26hz. Incredibly rich, full, vibrant sound at low volume will explode with life as you increase the volume.

But before we examine the front speaker complement, the twin overlapping crossovers and the top mounted sonic placement and ambiance speakers, let's see why they were almost orphaned.

You see, BSR, the half billion dollar electronics giant, is the parent company of two of the best names in up-scale audio, dbx and ADC.

Last year dbx developed a new multi-thousand dollar speaker system called the Soundfield One which lets you sit virtually anywhere in your room and have full stereo imaging and terrific sound.

BSR decided to consolidate ADC and dbx into one building (still 2 companies) and put all its speaker efforts into dbx.

## POOR JACK

Well, while dbx's engineers were off designing their multi-thousand dollar masterpieces, BSR's Senior Acoustical Engineer (he had been Fisher's Chief Engineer for 10 years during its top end component stereo days), was designing BSR's radically new speaker line.

The revolutionary top of the line 15" stereo imaging pair pictured above will let you enjoy superb stereo imaging without sitting directly in front of your speakers.

But unfortunately, in the consolidation move, BSR's speakers went by the wayside, and so did Jack.

Enter DAK. After a few fearful negotiations and considering the engineering costs BSR had already expended, they agreed to make the speakers just for DAK.

Because there's virtually no BSR overhead left on these speakers, and the R&D was all but complete, we've gotten these speakers for virtually the component costs plus a little BSR labor.

And don't worry about Jack. BSR had him finish the engineering (they really are great people) and they'll pay him a royalty on each speaker we sell. Besides, by the time you read this, Jack is sure to be snapped up as the Chief Engineer at another esoteric audio company.

## WHAT'S STEREO IMAGING?

Stereo imagery is the logical separation and interaction between channels. It's the successful creation of a panoramic wall or stage of music rather than the confined, easily located 2 speaker sound. IT'S WHAT'S INSIDE THAT COUNTS

Imagine the full thunder of a kettle drum, or the pluck of a string bass being explosively recreated in your living room. BSR's 15" sub-bass acoustic suspension driver will revolutionize your concept of

low clean bass.

Its magnetic structure weighs a thundering 48 ounces. But that's not all. The magnetic field is developed by the rare earth metal Strontium for state of the art massive but flawlessly controlled bass.

A 38mm voice coil with a 200° centigrade temperature capacity, will handle the most demanding digital or analog recordings. And, a new super rigid cabinet design virtually eliminates coloration due to uncontrolled cabinet resonance.

At low volume, the bass will fill in and envelop you. At high volume, your room, your walls and your neighbors will shake. (Not for apartment dwellers please.)



## MATCHED PAIRS

The mid-range and high end of BSR's speakers are truly unique. Front mounted 8" polypropylene mid-range drivers provide rich sound while top mounted 5" polypropylene mid-range drivers provide an open, lifelike ambiance.

Front mounted exponential horn tweeters provide awesome brilliance to 21,500 hz, while top mounted tweeters enhance separation because they are mounted to the outside edge of each speaker.

So, this system has a specific left and a specific right speaker. You'll find wide, but interactive separation that will vastly widen your ideal listening area.

The imagery will give the illusion of musicians actually playing in front of you. Your music will take on a three dimensional quality. You'll enjoy superb stereo imagery regardless of each speaker's specific placement in your room.

## MORE SPECIFICS

The exponential horn tweeters, both in front and on the top of these systems, employ 25mm rigid phenol diaphragms for stability and accurate response.

Polyamid-imid binders and ferro-fluid coolant allow for a 300% increase in heat dissipation so you can drive the voice coils up to 200° centigrade.

Now, the mid-range. Both the 8" front firing and the 5" top firing polypropylene drivers reproduce the mid-range frequencies like no ordinary speakers.

It's amazing that so many speaker manufacturers simply slap in 5" paper mid-ranges to reproduce what's really the major portion of the sound spectrum.

BSR's 8" and 5" polypropylene mid-ranges are rigid, exacting drivers that deliver incredibly pure uncolored sound.

They have matched 25mm voice coils, also protected by ferro-fluid and polyamid-imid to 200° centigrade. They are driven by powerful barium ferrite magnetic fields.

## NOT QUITE FINISHED YET

To prevent phase shift and cancellation, two totally separate crossover networks are employed in these speakers.

All frequencies below 800 hz are directed to the 15" woofer. The front system routes frequencies above 800hz to the 8" mid-range to take full advantage of its superb reproduction capabilities. Frequencies above 3400hz are routed to the horn tweeter.

The top mounted system routes only frequencies above 1200hz to the 5" polypropylene ambiance mid-range driver, and frequencies above 3400hz are routed to the top sonic placement tweeter.

There are level controls for both the top and front mounted speakers so that you can voice the speakers to match your musical taste and environment.

Note: Only the top tweeters are mounted at the the edges. The front mounted tweeters are conventionally mounted for acoustical symmetry.

Each speaker is fuse protected for up to 200 watts peak, 150 watts continuous power. You can operate these super efficient speakers with as little as 20 watts.

## AND OH WHAT A PRETTY FACE

The speaker systems are 30" tall, 19 1/4" wide and 10 1/2" deep. Their lovely oak wood-grain appearance is enhanced by the dark removable grill cloths that beautifully contrast with the rich wood-grain tones. They're a statement of audio elegance when placed in any room. They're backed by BSR's 2 year limited warranty.

## A COLOSSAL DREAM COMES TRUE RISK FREE

You'll hear depth of sound at low levels that was previously unobtainable. And yes, when you crank up the volume, your music will explode with realism and drama.

Try these speakers in your own system. Then compare them at any Hi-Fi Store with any pair of speakers up to \$1000. If they don't beat all the competition hands down, simply return them to DAK in their original boxes within 30 days for a courteous refund.

To order your matched pair of BSR top-of-the-line 15" 3-way 5 speaker systems with unique stereo imaging risk free with your credit card, call toll free or send your check for DAK's market-breaking price of just \$298 for the MATCHED PAIR plus \$22 for Postage and Handling. Order No. 4352. CA res add tax.

It's a dream system for an audiophile. Sonically pure, thunderously powerful, these BSR speakers will make your future listening years an on-going fabulous, if not earthshaking experience.



**DAK INDUSTRIES INC.**

Call Toll Free For Credit Card Orders Only  
24 Hours A Day 7 Days A Week

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Technical Information. . . . 1-800-272-3200  
Any Other Inquiries. . . . . 1-800-423-2866  
8200 Remmet Ave., Canoga Park, CA 91304

# Weather, Wine & Hot Pool Too

Now you can see a never ending display of time and inside & outside temperatures. Plus, you can monitor your greenhouse, your wine and more.

By Drew Kaplan

I love it. In our family room we can now see the never ending display of time and inside & outside temperatures.

A touch of a button not only shows the high and low temperatures of the day, but even the exact time they occurred.

And frankly, I'm not using any of Computemp's really sophisticated features, but look at all it can do.

There's a temperature alarm which you can set to alert you to extremes.

You can set the alarm to sound if it gets too cold for your plants or too warm for your wine. The temperature alarm(s) can be set for any temperatures, from -65° all the way to 165°F.

Below, you see displays that show, 1) the time of day, 2) the inside temperature, 3) the outside temperature, 4) the low temperature for the day, and 5) the high temperature for the day.

## MUCH MORE

You can add optional sensors (list included with Computemp) that let you fill a wine bottle with water and then measure the liquid temperature rather than the air temperature.

There are also sensors for pipes and even soil temperature. Plus, there's an optional switch that lets you attach 7



sensors to Computemp so you can use it industrially. Wow, it's sophisticated!

## EVERYTHING

So, when you get up in the morning, you'll see the inside and outside temperatures at a glance. You'll monitor and control your greenhouse, attic, aquariums, food storage, swimming pool, nursery or you name it.

Just run the included sensor wires, plug it in, and you'll see it all. It even has battery backup (9V battery not included). It's backed by a limited warranty.

## FASCINATING TEMPERATURES RISK FREE

Now you'll know how to dress in the

morning. Now you can measure any part of your environment.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order your Computemp 5, Indoor, Outdoor And More Temperature Computer with Two Sensors risk free with your credit card, call toll free, or send your check for just \$69<sup>90</sup> (\$3 P&H). Order No. 4838. CA res add tax.

Seeing the flashing temperature in your home may not make you warmer or cooler, but it's amazing how everyone stops shoving the heat up and down when they see the Computemp in action.



# Bumper Tag Protector

Now anyone can follow you on the road. And now, you can summon help at a remarkable \$49<sup>90</sup> breakthrough price.

By Drew Kaplan

I never liked CB. But, I really hate having a car follow me, especially at night. We always seem to lose one another.



Plus, the last time my engine died, there wasn't a phone in sight. Well now, for myself and my wife, having people follow us is fun, and neither my wife nor I ever have to flag down a stranger again.

## GOOD BUDDY MADE EASY

I guess I'm shy, I never got into talking to strangers when CB was hot. But, I sure like talking to friends in other cars.

On a trip to Palm Springs or to a ball game, we can joke and talk with other couples just as if they were in our car.

And, if my car ever conks out on me again, I know help is as near as my trunk. Because, that's where I keep this incredibly small communications device.



To use it, I simply plug it into my car's cigarette lighter, put its antenna with its powerful magnetic base on my car's roof, and start talking.

This small, hand held powerful 40 channel CB gives me long range communication. If I'm lost, I can use any channel to ask the 'locals' for directions, even to a good restaurant or a hotel.

If my wife or I are in trouble, Channel

9, the emergency channel is constantly monitored by police. So we're covered, and my wife and I will never be alone.

But frankly, we're finding that our newfound communication is a lot of fun.

With two sons always going to different events, it's much easier to find each other with these great CBs.

The truth is, although I originally bought it as a security device to keep in my trunk for emergencies, it's finding its way into my car more and more often. And, listening to strangers on CB is fascinating.

This 40 channel hand held CB is only 7 3/4" X 3 3/4" X 2 1/2". It comes with a cigarette power adaptor and a 2' tall antenna with a powerful magnetic base. It's backed by Sparkomatic's limited warranty.

## PLAY AND PROTECT RISK FREE

It's extremely rugged. So, it will withstand the rigors of car use for years. Hopefully you'll never need to use Channel 9, but I think you'll really enjoy using all the other channels as much as I do.

If you're not 100% satisfied, simply return it in its original box to DAK within 30 days for a courteous refund.

To order Sparkomatic's powerful Hand Held 40 Channel CB Help & Fun Communicator risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$49<sup>90</sup> (\$4 P&H). Order No. 4840. CA add tax.

Most emergency devices are boring. Now my family can be protected, plus have convenience, and a great time too.

**PRICE SLASHED  
NOW JUST \$229<sup>90</sup>**  
WINDOW No. One Was \$249<sup>90</sup>  
SEE BELOW



# VCR Bonus Blast

Choose from 3 Japanese made VCRs. 2 head, 4 head special effects, or 7 head special effects, MTS Stereo TV Tuning and VHS HiFi, are yours at breakthrough prices. And, check the audio bonus you can get with any VCR.

By Drew Kaplan  
First a confession. I like TV. I like movies. And, I don't just watch the nightly news and educational TV.

If you're like me, you end up being away from home during your favorite shows. Or, you may find that two of your favorite shows are on opposite each other.

And, isn't it frustrating to have two shows on at 9PM and nothing on at 10? Isn't it frustrating being home only two nights of a 3 night mini-series? Well, with a VCR, all these and a lot of other problems can be solved.

### THE HARRIET FACTOR

Harriet is my wife's old team teaching partner. She had never had a video recorder. So, we gave her one. Several weeks later she called, absolutely elated.

She was recording the Phil Donahue show every day and watching it when she got home from school.

She had also recorded several movies from cable that she kept missing while she was at work, or because they were on too late at night for her to watch.

### THE FAMILY AFFAIR

My parents are another story. They've had a recorder for years (being my parents has its advantages). My parents have two loves, concerts (my mother is a concert pianist), and UCLA Basketball.

They go to concerts several nights a week and tape the UCLA games while they're out. Then, if you can believe this, they make popcorn and stay up to watch the game till 1:30AM.

And, look at this. We gave my wife's parents a VCR and they didn't know how to hook it up.

### THIS IS IMPORTANT

It never occurred to me that there was anything to hooking up a video recorder.

Just unhook the antenna or cable from your TV and connect it to an identical connector on the VCR. Then connect a cable (included) between the recorder and your TV. That is the complete cable hookup. What could be easier?

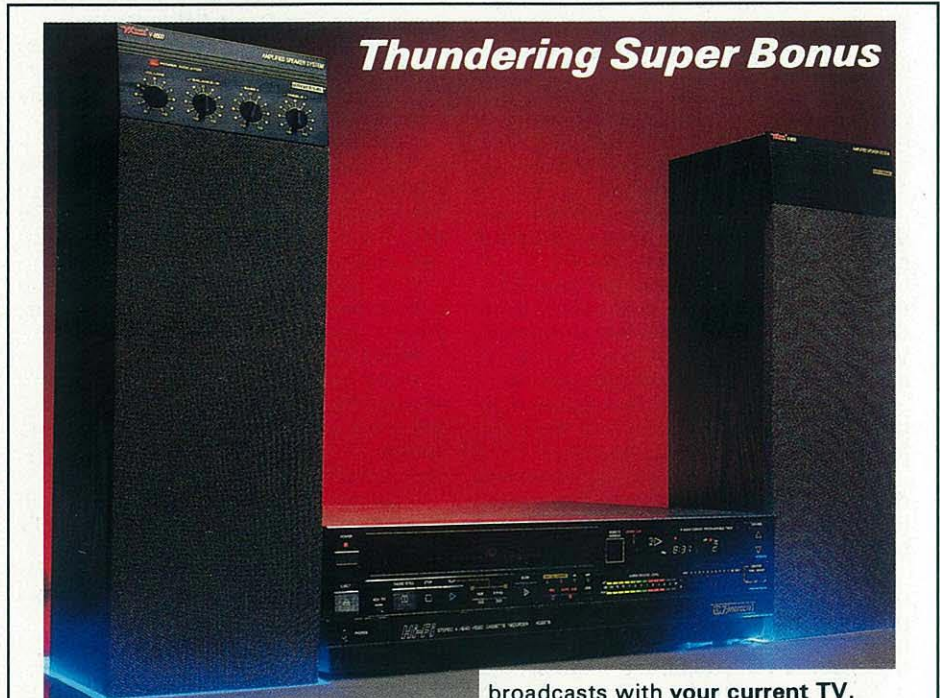
Anyway, my father-in-law gets up at 5AM, so they go to bed very early. Once they hooked up their recorder, they discovered a whole world of late night TV.

Now they watch Dynasty during dinner. And look. They had never stayed up to see the Johnny Carson show.

Wow! A video recorder can let you

watch what you want, when you want, without being restricted by your work, social life or sleep.

gone, even on different channels. You can record shows for your children to see at a more appropriate time.



## Thundering Super Bonus

Make all your video thunder to life. When you purchase any of Emerson's video recorders from DAK, you can get this pair of dramatic sounding, amplified 2-way speaker systems for just 49<sup>90</sup>.



Connect them directly to your monaural or stereo VCR, or even to the earphone jack of your TV. All cables are included so that you can enjoy explosive sound with both your VCR and/or your TV.

While ALL your video sound will explode with life, if you buy the MTS Stereo Recorder, you can use it as a Cable TV Tuner and enjoy fabulous, exciting stereo

broadcasts with your current TV. Most TVs have 3 to 5" cheap speakers. Now you can enjoy thrilling bass that will thunder, and dramatically alive highs that will shimmer with these AC powered amplified speakers. Each has a 4" woofer and 2" tweeter. They are 17 3/4" high.

Even most stereo TVs don't have the separation or the speakers to rival this incredible system. And, just wait till you hear the rich sound (TV is on the FM band) you'll enjoy with all your video.

30 day risk free trial. They're backed by Universal's standard limited warranty.

You get all the cables you'll need. You can connect to stereo or monaural VCRs, or your TV's earphone jack. They're yours ONLY with purchase of a video recorder for just \$49<sup>90</sup> (\$6 P&H). Order No. 4814B.

Order them without buying a VCR for just \$79<sup>90</sup> (\$6 P&H). Order No. 4723.

### LOADS YOU CAN DO

If you're going on vacation, you can keep up with weekly series while you're

So, it's not unusual for us at the Kaplan household to be taping channel 7 while  
...Next Page Please

**PRICE SLASHED  
NOW JUST \$279<sup>90</sup>**

**WINDOW No. Two Was \$299<sup>90</sup>  
SEE BELOW**



... Video Continued we're watching channel 4. I wonder how the Nielsen ratings cope with taping?

**And while we're on ratings,** the advertisers on TV hate VCRs. They hate VCRs because we all tend to use our wireless infrared remote controls to fast forward through their commercials. We often watch an hour show in just about 45 minutes. Wow, it's great.

And, if the phone rings (which it always does), I can simply pause the tape without missing the final clue to a mystery.

**Two is better than one.** We have several VCRs (I do have a great job). Even though only 80% of DAK customers own VCRs, they/you actually own a total of more VCRs than we have customers.

So, the Kaplans aren't the only family that enjoys having a recorder in both the family room, den and/or bedroom.

With two recorders, you can tape two different shows, and you can make copies of tapes. (Note: Making copies of many movies, even off the air, is illegal).

Now it's time to examine the features on the latest Japanese made Cable Compatible VCRs with HQ Picture Enhancement and Wireless Infrared Remote Control. Let me tell you about 3 VCRs.

The least expensive will probably do everything you want. So, **don't** spend a dime more than you have to.

These VCRs are all top quality and you can expect years of entertainment.

The latest **NEW** in VCRs is HQ, and few people know what it is. In short, it's a circuit that improves the definition of the recorded picture. You'll note a distinct separation between whites and colors.

It really does enhance the sharpness and quality of the detail in your recording, especially at slow speed.

#### **Window Number One**

(SEE PICTURE ON PREVIOUS PAGE)

Here's a front loading, infrared remote control VHS video cassette deck from Emerson with HQ that will give you great recordings and phenomenal control.

From the moment you put a video cassette into the front loading motorized slot and see it automatically drawn into the recorder, you'll appreciate the quality.

**110 Channel Electronic Tuning.** This recorder's synthesized tuner can tune in

VHF channels 2-13 and UHF 14-83. Plus, you'll also be able to tune in 28 Mid-Band and High-Band Cable Channels.

You can choose any 16 channels with direct one button access from the remote. You can choose from any band in any order you like.

#### **MASSIVE PROGRAMMABILITY**

You can select up to 8 programs over a three week period to record. And, you can select one program to record every day. If you can set an alarm clock, you can program this recorder to record.

8 programs is the most I've seen on any recorder, and it's great to have. Plus, there's One Touch Timed Record.

#### **WIRELESS INFRARED REMOTE**

From system power to forward and reverse high speed search, to changing channels, you're in full control. If a remote seems to simply smack of posh luxury, look at what it can do for you.

You can touch the still frame button and freeze the action. Now you can really tell if the umpire was correct or not.

You can play the same movement over and over again until you are absolutely sure of what you've seen.

**And, don't forget,** you can high speed search through commercials.

And if you're like me, you'll use the tuner in this VCR while you watch live TV so that you can remotely flip stations during commercials. This VCR makes any TV Cable Compatible.

#### **AND MUCH MORE**

There's a digital clock/timer and even a tape counter. Of course, you can watch one program while you record another. And, there's a picture sharpness control.

There are 3 recording and playback speeds for up to 8 full hours of recording. And finally, when a tape reaches the end, it will automatically rewind.

So while Emerson's Window One VCR at \$229<sup>90</sup> is the least expensive, you can easily see that it's loaded with features to help you enjoy your video experience. And, the bonus speakers make it vibrant.

#### **Window Number Two**

(SEE PICTURE UPPER LEFT)

Here's a front loading, infrared remote control VHS video cassette deck from Emerson with HQ that will give you special effects and more.

**First the special effects.** This is a 4 head VCR, which means that instead of two video heads there are 4.

This allows you to have superior still frame and lets you have slow motion. Now you can really slow down the action and study a golfer's swing, a magician's hands or a rocket ship landing.

If you want to scrutinize your movies, this is the recorder for you. The extra two heads can also have an improved effect on slow speed recording, but frankly, today's pictures are so good there's not much to improve.

**105 Channel Electronic Tuning.** This recorder's direct access tuner can access VHF 2-13, UHF 14-83, plus 23 Mid-Band and High Band VHF Cable Channels.

There are 12 direct access buttons for instant channel selection.

#### **WIRELESS INFRARED REMOTE**

From system power to forward and reverse high speed search, to still frame and Slow Motion, you're in full control.

Plus, you can directly access any of the 12 preset channels from the remote.

So, just imagine watching a movie and wanting to slow down the action from your favorite easy chair. You can really get a good close look at whatever captures your interest. And of course, flipping channels is a breeze. This recorder makes any TV Cable Compatible.

#### **FULL PROGRAMMING**

You can select up to 4 programs over a two week period to record. And, you can select one program to record every day. It's about as easy to program as your alarm clock. Plus, it features One Touch Timed Record.

#### **MORE GOODIES**

There's a digital clock/timer and a tape counter. Of course, you can watch one program while you record another. And, there's a picture sharpness control.

There are 2 recording and 3 playback speeds for up to 8 full hours of recording. And there's end of tape auto-rewind.

So from golf to magicians, from my son's soccer to space movies, you can really bring a movie's special effects down to earth, with the control you have of this \$279<sup>90</sup> 4 head Window Two VCR. Wait till you hear the bonus speakers.

... Next Page Please

**PRICE SLASHED  
NOW JUST \$399<sup>90</sup>**  
WINDOW No. Three Was \$499<sup>90</sup>  
SEE BELOW



... Video Continued  
**Window Number Three**  
(SEE PICTURE UPPER RIGHT)

Here's a front loading, infrared remote control, 7 head VHS HiFi VCR with HQ, MTS Stereo Tuning, and SAP that will knock your socks off.

VHS Stereo HiFi gives you an incredible 20hz to 20,000hz frequency response with an 80db dynamic range.

You'll experience the full sonic drama of movies that you rent, and add a superb audio tape deck to your stereo system that's capable of capturing the full sonic drama of CDs.

And, not only can you record or turn any TV into a Cable Compatible TV, you can receive **MTS Stereo TV broadcasts automatically. So, why replace a perfectly good TV just to get stereo?**

VHS HiFi uses the spinning video heads to record sound along with the video on the tape at speeds in excess of 200 inches per second. So, the sound quality is, to say the least, astounding.

Of course, there's a conventional stationary audio head, so this recorder is compatible with all standard tapes, but wait till you hear the sound. **And, wait till you use this recorder for recording music in your stereo system.**

Using video cassettes, you can record audio only for the best recordings you've ever heard through your stereo system.

**And look at this.** With VHS tapes selling for about \$5, you can record up to 6 hours of this incredible sound on one cassette **with or without a picture.**

**THE BAD PART**

Connecting this video recorder to your TV is done just like the previous two recorders. It's simple. But, to utilize the VHS HiFi and Stereo TV tuning, you must also connect this VCR to your stereo.

Just connect the standard stereo patch cords (included) to any 'Aux' input.

So, the bad part is that if your TV and stereo aren't together, this incredible machine isn't for you. Of course, it always sends conventional TV sound to your TV.

**DON'T FORGET OUR NEW BONUS**

Now you can use your own TV, this incredible deck, and the bonus amplified speakers and have fabulous sounding stereo wherever you watch TV.

**139 Channel Electronic Stereo Tuning.** You can select any 16 preset synthesized cable compatible channels by touching a direct access button on the remote. And, every one is ready for stereo. It receives VHF 2-13, UHF 14-83, and cable 14-65 and Cable Sub Band 95-97.

**WIRELESS INFRARED REMOTE**

From system power to forward and reverse high speed search, to still frame and Slow Motion, you're in full control.

Plus, you can directly access the 16 preset channels from the remote.

So, you can slow down the action, you can still frame it or you can speed it up.

**PROGRAMMABILITY TOO**

You can select up to 4 programs over a two week period to record. And, you can select one program to record every day. If you can set your alarm clock, you can program this VCR. It also has One Touch Timed Record. Each time you touch the button, you will add 30 minutes of recording, up to 2 hours.

**LOADED**

There's a digital clock/timer and a tape counter. Of course, you can watch one program while you record another. And, there's a picture sharpness control.

There are 2 recording and 3 playback speeds for up to 8 hours of recording. And, you'll have end of tape auto-rewind.

Plus, you can receive Simulcast, SAP (Separate Audio Program) and there's a headphone jack. Tape loading is motorized. And, there's a VHS HiFi level meter.

So for special effects, for 139 stereo cable channels, for the incomparable VHS HiFi Sound, and to enjoy MTS Stereo Broadcasts, choose the \$399<sup>90</sup> Window Number Three VCR.

**HARD CHOICES**

All three decks provide superb picture quality, wireless infrared remote control and programmability. To record weekly series or play back rented tapes, Window One will provide all you need.

If you record ball games and you want to have the capability of slowing down any movie's action, choose Window Two.

Where only the top of the line will do and you're going to get involved with the sound as well as the slow or fast action, move all the way up to Window Three.

Whatever your choice, you'll be thrilled

with the quality and performance of these Japanese crafted VCRs. They are backed by Emerson's limited warranty.

**VIDEO COMES ALIVE  
RISK FREE**

I find that VCRs are one of those things that I just can't see how I ever lived without. And, this is a perfect time to add a second VCR.

Whichever VCR you choose, if you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order Emerson's Window Number One VCR with HQ and Wireless Infrared Remote, 110 Channel Tuning and 8 program capability risk free with your credit card, call toll free, or send your check for just \$229<sup>90</sup> (\$12 P&H). Order No. 4641.

To order Emerson's Window Number Two VCR with HQ, Special Effects and wireless Infrared Remote with 12 channel Random Access Tuning, 105 Channel Tuning and 4 program capability risk free with your credit card, call toll free, or send a check for just \$279<sup>90</sup> (\$12 P&H). Order No. 4642. CA res add tax.

To order Emerson's Window Number Three 7 Head VCR with HQ, VHS HiFi, Special Effects and Wireless Infrared Remote with 16 Channel Random Access, 139 Channel **MTS STEREO** Tuning and 4 program capability risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$399<sup>90</sup> (\$14 P&H). Order No. 4643.

**SUPER BONUS**

Whichever VCR you choose, the sound will be as vibrant as the picture, when you connect it, or your TV to the bonus amplified speakers. Stereo or Monaural, you'll experience theater type sound that will really enhance your video experience.



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Technical Information. . . . 1-800-272-3200  
Any Other Inquiries. . . . . 1-800-423-2866  
8200 Remmet Ave., Canoga Park, CA 91304

# Cable/Antenna Controller

Get all the cable channels and ALL the VHF and UHF channels on any TV or video recorder with this remote control cable tuning/switching system. You'll get up to 140 channels, control volume, mute and much more at a limited close-out price.

By Drew Kaplan

If you've got cable AND/OR antenna(s), we've got it all. Now you can tune in up to 140 channels from your easy chair. Plus, you'll have remote mute, volume and unlimited Favorite Memories.

Universal is a leader in innovative cable tuning. They weren't satisfied with this Controller's picture quality.

So, they changed a critical part, right here in their factory in Maryland. And, the expensive part they had to use, not only produced a superb picture, it unlocked 31 extra high band cable channels.

## GREAT NEWS????

Well, a great picture and 39 extra channels sounded like great news to me, but it created a problem for Universal.

First, they spent a bundle perfecting this Controller. And they wanted to advertise 140 channel reception so they could charge more money.

But, all their fancy color gift boxes say 109 channels. So, they'd have to order new boxes. And, for a few thousand units it wasn't practical.

**Enter DAK.** Universal was faced with spending more money on packaging. So, DAK offered to buy their inventory in the old boxes (at below the old price, for cash). And, that's why you'll get this 140 channel Controller with built-in antenna switcher for just \$99<sup>90</sup>. Wow!

## WHY ANTENNA AND CABLE?

If you've got cable, you probably get most UHF broadcasts on spare cable channels. But, it's not uncommon to get better picture quality on both VHF and UHF from your own antenna. So, you be the judge. Just touch the button and compare the reception.

And, **virtually every other remote cable controller I've seen doesn't offer remote control to non-cable owners.**

Now you can have remote control and Favorite Channel (read on) even if you don't have cable. And, if cable comes to your neighborhood, you'll be ready.

## MOVIE CHANNELS

If there are movie channels on your cable and they're not scrambled, the Controller is all you need. If they're scrambled, you'll need the cable company's box.

**Note: Check with your cable company before viewing anything at all, to see if they require you to pay a fee.**

## SPORTS PLUS

There are lots of 'Super Channels' broadcast on cable. On the 'All sports Channel' you'll watch 'World Class Sports' whenever you wish. 'All Movie' Channels give you entertainment at all hours.

And 'Super Stations' from New York and Atlanta give you major city TV for cities other than your own. Plus, there's Cable News Network for a world wide perspective on the news and much more. Why not see what's on your cable?

## TOTAL RANDOM ACCESS TUNING

The wireless infrared remote hand controller does it all. It switches both the TV and the Controller on and off and selects your channels. **And, look at this.**

You can select as many Favorite Chan-



nels as you want. There's a second Up/Down channel button that lets you select just your favorite channels.

If you like to flip through movie channels during commercials on regular TV as I do, you'll love this feature.

For the other channels, you'll enjoy total random access tuning. You can go directly from channel 2 to 28. Or you can step tune one channel at a time.

Finally, you'll control volume from the remote. As you touch the Up/Down Volume Controls, the LED display shows you a numerical volume level.

## INSTALLATION

Nothing to it. All cable systems use 75 ohm round cable. Simply unscrew the end from your TV and screw it into the Controller base input.

There are also Antenna VHF and UHF inputs. So, you actually have 3 inputs.

Anyway, you then screw in an identical cable (included) between the Cable/Antenna Controller and your TV. Finally, plug your TV's AC plug into the Controller and the Controller's plug into the wall.

## WHAT IT IS

The Controller is actually a very sophisticated, all electronic VHF/UHF TV tuner/receiver and switcher. It's really a TV set without a tube plus a switcher.

Since it's all electronic, you won't be getting snow from dirty tuning contacts and loss of fine tuning as the set ages.

The Controller tunes all the possible stations that your cable can broadcast or your antenna can receive. And, that's something that would be very expensive to build into standard TVs.

## GREAT FOR VIDEO RECORDERS

Now you can record cable or regular TV easily. Let me tell you why. Most video recorders, although they receive up to 110 channels, only let you pre-select 12 to 16. With this controller you

can select any of the 140 instantly.

So, I usually use the controller to select the channel and set the recorder to come on at the time I want to record.

## WHAT IT ISN'T

It isn't one of the infamous 'black boxes' that illegally decodes various 'Pay TV' Channels. On cable, most of the programming isn't scrambled, it's just found outside the tuning range of most TVs.

So, if there is a Pay TV channel that is scrambled, the Controller is not made and should not be used to tune it in.

The Cable Controller is made and backed by a standard limited warranty from Universal. These are not rejects. Universal decided to upgrade them based on their internal quality control standards.

## GET EVERYTHING FOR YOUR TV RISK FREE

Relax up to 25 feet away. Change channels. Flip through your Favorites during commercials. If the phone rings, touch mute for silence.

If you're not 100% satisfied, simply return it in its original box to DAK within 30 days for a courteous refund.

To order your Universal 140 Channel Cable/Antenna Controller Switcher with Volume, Mute, Favorite Channels and Wireless Infrared Remote Control, risk free with your credit card, call toll free or send your check for DAK's limited close-out price of just \$99<sup>90</sup> (\$6 P&H) Order No. 4825. CA res add tax.

If you'd like the same controller with 2-way amplified speakers that will knock your socks off with their simulated stereo sound (it's breathtaking), it's just \$139<sup>90</sup> (\$8 P&H) Order No. 4826.

There's a whole new world of entertainment waiting for you. Just sit back in your favorite easy chair, and you can switch from UHF to VHF to Cable as easily as switching from channel 2 to channel 4.



# Weird Music?

Now you can listen to music that's coursing through the AC wiring system of your home. It's exciting. It's soothing. It's vibrant. And, it's all around you.

By Drew Kaplan

No, I don't want you to listen to the 60 cycle hum of your AC power. No, I don't want you to listen to a 120 volt blast.

But, if you're like me you're going to find that this 'Weird Music' is really going to end musical frustration. And frankly, I've been frustrated.

As you might expect from reading my catalogs, I have 4 complete music systems in my home, and a very large collection of records, cassettes, open reel tapes and CDs.

One reason I'm frustrated is because I can't listen to my open reel tapes unless I'm at one of my two main systems.

And, if I'm on the patio, in the kitchen, or in the garage, I'm relegated to AM, FM or cassettes on a pocket stereo or portable.

And frankly, I've never taken the time to transfer all my albums, open reel tapes and CDs to cassettes. So, I haven't been able to listen to what I want where I want.

## WELL, NO MORE

It may seem weird to plug a speaker into an AC outlet, but a new technological breakthrough has allowed me to listen to any music I choose from my best stereo, anywhere in my home.

The music (or speaking) is transmitted through the AC wiring in my home.

So, instead of running speaker wires all over my house, I just plug in a speaker wherever I want rich, room filling sound.

I really like it. I had always wanted to have wireless speakers in my living room because my wife hates having me run wires everywhere.

In the dining room, we can have uninterrupted music from one of my auto-reverse cassette decks 'piped in' while we entertain guests.

In the bedroom, now I can listen to my old open reel tapes. And in the garage, I can use the continuous programmable playback from my CDs. Of course, my system can transmit AM or FM too.

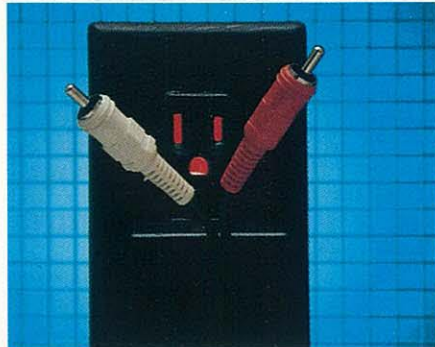
## NOT STEREO AND PROBLEMS

It's not a perfect system. But, you'll be shocked by the magnificent rich sound.

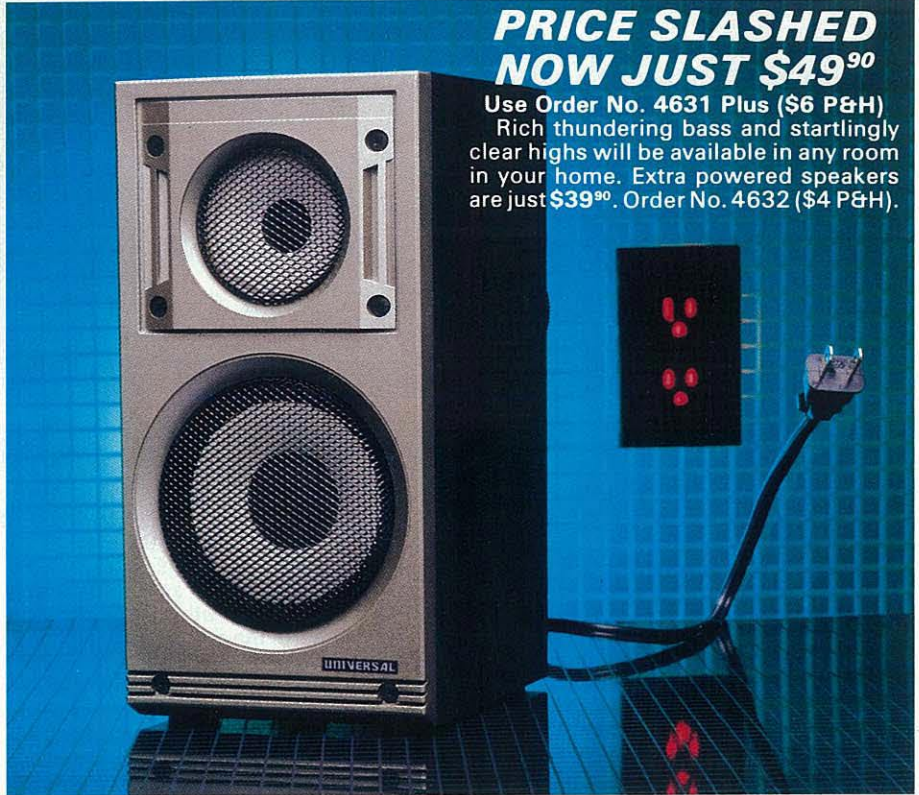
And, installation consists of simply plugging its cable into the left and right tape jacks of your receiver and plugging in the AC power transmitter.

It will have no effect whatsoever on your stereo system.

**NOTE:** Don't worry about your tape jacks. Extra jacks are provided so you won't lose the use of your tape jacks.



But, it's not stereo. It combines the signals from the left and right channels



**PRICE SLASHED  
NOW JUST \$49<sup>90</sup>**

Use Order No. 4631 Plus (\$6 P&H)  
Rich thundering bass and startlingly clear highs will be available in any room in your home. Extra powered speakers are just \$39<sup>90</sup>. Order No. 4632 (\$4 P&H).

and transmits a combined signal throughout your home's electrical system. So, you'll enjoy full rich music anywhere.

You can plug in as many 2-way speaker systems as you wish. And, you can plug them in anywhere in your home, or office, that you'd like vibrant, room filling music.



The 9½" X 4¾" X 6" speakers will knock your socks off with their rich full sound. A 4½" woofer combined with an acoustically designed cabinet really belts out the bass, while a 2½" tweeter easily matches the high frequency response of most traditional speaker systems.

**A word about noise.** You can virtually forget it. This system is virtually noiseless. It operates on VLF (Very Low Frequency) FM that is virtually unaffected by noisy motors and fluorescent lights.

It will, however, react to wireless intercoms and the BSR's X10 remote control system that we sell. But, the reaction is momentary and not too bothersome.

So, in short, although it's not stereo (you can put two speakers in a room), it's a fabulous sounding way to listen to your favorite music wherever you are.

**IT'S PORTABLE**

Installation of the speakers consists of simply plugging them in. Then you can adjust their On/Off volume controls.

Each even has a handle on the back so you can take them out to the garage, the patio or even to unattached barns.

As long as you're on the same side of the AC transformer (most houses are), virtually any plug in your home should be a source of your favorite vibrant music.

It's made by Universal Security and backed by their limited warranty.

**NON-WEIRD MUSIC EVERYWHERE  
RISK FREE**

Wait till you hear the quality and depth of the sound. Wait till you listen to your favorite music in the bathroom, guest room, laundry or bedroom.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order your Wireless Music System complete with Transmitter, Cables and a 2-Way Speaker System risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$69<sup>90</sup> (\$6 P&H). Order No. 4631.

You can add as many extra, Dramatic Sounding 2-Way Powered Speakers as you wish. Each is just \$49<sup>90</sup> (\$4 P&H). Order No. 4632. CA res add tax.

It's big sound wherever you are. Don't just expect boom box quality. You'll have rich deep bass and clean highs. And, best of all, you'll have your favorite music.

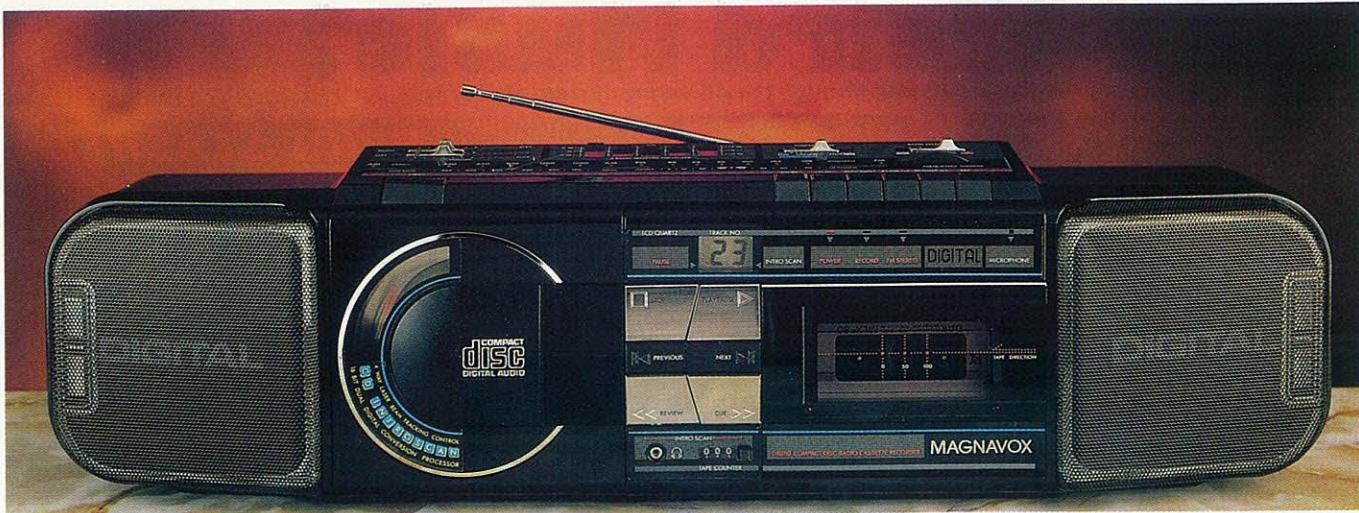


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# 16 Bits And What Do You Get?

Well, you won't get another day older or deeper in debt when you listen to Magnavox's CD with 16 bit dual digital conversion processor and 4 way laser beam tracking, a cassette deck & AM/FM stereo at DAK's breakthrough price.

By Drew Kaplan

They're great. CDs simply deliver the best sound I've ever heard. And, I'm building a nice collection.

Between the great classical music and all the 50s and 60s recordings that are now coming out on CDs, (finally at decent prices) I'm really buying a lot of them.

Of course, I'm still listening to my cassettes and AM and FM stereo with this new Magnavox music center, but frankly, cassettes made from records or off FM simply don't have the sonic drama and impact that CDs deliver.

If you're like me, you already own lots of great albums. And, you've probably been listening to them for years.

Well, I saw no reason to buy a CD if I already owned the album. Besides, they just started re-releasing albums on CD.

Well, was I wrong. The first time I compared a CD release to an album release, the sound knocked my socks off. **SHOULDN'T HAVE BEEN SURPRISED**

Well, I should have known that the difference would be staggering because the masters for the albums were recorded at 15 inches per second on 2" tape.

And not only have I spent a lot of time in studios, I have a collection of original studio masters of my own. So, I should have known all the time.

Anyway, buy a CD of one of your favorite albums and compare the difference. I think you'll be as awed as I have been.

## VERY DEMANDING

Magnavox has really accepted a challenge with this new portable music center. To adequately reproduce the capabilities of a CD without a full size stereo system isn't easy.

But, they have risen to the occasion. Powerful amplifiers and speaker systems deliver sound with remarkable power and clarity. It can easily outperform many home systems I've heard.

Then add a 5 band equalizer to really sculpture your sound. And with CDs, there's a lot of sound to sculpture. You can make low bass explosive by boosting the 100hz control. You can make the high end dramatically alive by boosting the 12,000hz control. In short, you'll have  $\pm 10$ db control at 100hz, 300hz,

1,000hz, 4,000hz, and 12,000hz.

## INCREDIBLE BENEFITS

Before we look at the actual features of the CD, there's something you should know. Because of the demanding requirements that Magnavox had to meet to reproduce CDs, the sound quality you're going to hear from the cassette deck and AM and FM stereo tuners is breathtaking.

You'll have the same equalization, amplification and superb speaker systems to reproduce your cassette recordings and your favorite AM and FM broadcasts.

Of course, you can make incredible sounding recordings directly from the CD, the AM or FM Stereo. There's a built-in condenser mike and an Aux input.

have that I'd like to have, is automatic multiple programming, but with its 'Next' and 'Previous' track selections and intro-scan, it's not a major loss.

Finally, you'll have pause, so if the phone rings or someone wants to talk to you, you can stop where you are and start at the exact same location. It's also a great feature for making recordings.

It's 26" long, 6 3/4" tall and 6" deep. It's backed by Magnavox's limited warranty.

## MAGNIFICENT MUSIC

### RISK FREE

I remember when a portable was something someone carried on their shoulder. About the only thing that proves this is a portable is its handle. When you hear the



There are also speaker outputs for external speakers. **And look at this.**

There are CD outputs. So, if you have a stereo system in your den, bedroom or office, you can use this CD portable as a CD deck for any system you own.

It operates from AC (cord included), D cell batteries (not included), and from your car's lighter (cord not included).

This is one system you'll use wherever you want phenomenal sounding music from CDs, Cassettes, or AM/FM Stereo.

## CD MAGIC

Prepare for an incredible audio experience. It uses the latest 16 bit dual digital conversion for super smooth sound. And, you'll have flawless tracking with its 4 way laser beam system.

And, this is one CD you can really control. If you're listening to a song, you can have it start over again or skip to the next. In fact, you can skip to any song you want, whenever you want.

You'll also have high speed search within a song. And, you'll have intro-scan which automatically plays the first few seconds of each song on the disc.

About the only thing this CD doesn't

sound, you won't believe it's a portable.

If you're not 100% awed by the incredible sound quality, simply return it to DAK within 30 days in its original box for a courteous refund.

To order Magnavox's Portable Music Center with 16 bit Dual Digital Conversion Processing and 4 way laser tracking CD Player, Cassette Deck, AM/FM Stereo Tuners plus 5 Band Graphic Equalizer risk free with your credit card, call toll free, or send your check for DAK's market breaking price of just \$199<sup>99</sup> (\$8 P&H) Order No. 4714. CA res add tax.

Make each CD you own perform double duty. Play it in your main stereo (this makes a perfect component), play it in any other stereos you own, and play it on the road. This is one component you'll use all the time.



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SAME OLD DOG, BRAND NEW SUBWOOFER

# 15" Thundering Subwoofer

Man's best friend meets the audiophile's best friend at an earthshaking bone jarring new price. Now you can add the impact of a 15" subwoofer to any stereo system for just 99<sup>90</sup>.

By Drew Kaplan

A puppy may be man's best friend. Woof, Woof. . . But, now I've got a new friend you can add on to your stereo system. It doesn't need to be taken on walks, washed or fed. But, it makes a great cocktail table for you when you're being fed. And, oh what a woof it has.

## GREAT SOUND FOR EVERYONE

It's called a subwoofer. And, normally it is the beloved pet of only the most ardent audiophiles.

It's not generally understood that it can be used with virtually any speaker system in any stereo. And, in addition to substantially increasing and perfecting the bass response, it has a significant impact on the mid-range clarity too.

Before I tell you exactly how marvelous your stereo will sound when you connect this subwoofer to it, there are two things you should know.

**First**, you'll be getting your new friend at a phenomenal price. DAK has sold over 10,000 of Cerwin-Vega's 12" subwoofers. They had a retail price of \$332, but we sold them for \$164<sup>50</sup>.

**Second**, your new friend comes complete with a paid up health insurance policy in the form of a 2 year limited warranty from its father, BSR.

By the way, the puppy sitting on top of the subwoofer is the same puppy I used with Cerwin-Vega's, but wait till you hear what's under him now. You'll have BSR's 15" massive infusion of explosive bass, added to your system for just \$99<sup>90</sup>.

**But don't be misled.** BSR bass is clean and tight; never sloppy or overpowering. It adds a feeling of depth and fullness to your music that you simply can't get with two or 3-way speaker systems.

## HERE'S WHAT IT DOES

Basically, the problem with most speaker systems is that the bass overpowers the system. In a 3-way system, a woofer may be crossed over at about 800hz. And, in a 2-way system as high as 3000hz.

So, the woofer must handle movements of up to an inch at frequencies below about 80hz, while at the same time attempting to reproduce the very fine vibration type movements of the mid-range frequencies.

It is this difference in movements that causes both the bass to be weak or not precise, and the mid-range to become muddy (intermodulation distortion).

Even the best 3-way systems fall prey to these problems. And, it's why a subwoofer can do so much for your mid-range clarity as well as your bass.

## PROBLEM SOLVED

BSR's subwoofer has a specially engineered crossover network that sends frequencies above 120hz to your regular speakers and reproduces just the mammoth movement frequencies from 120 hz down to 22hz with a special floor firing dual wound super subwoofer.

If you have downstairs neighbors, this subwoofer isn't for you. The woofer is a very special hybrid. It has a mammoth one and one half inch voice coil which allows the speaker to make the very large



movements required to reproduce the very low frequencies.

But, it would do a lousy job of reproducing mid-range, which is why, cost aside, manufacturers don't put big voice coils in normal 10" or 12" woofers.

To make the massive movements accurate, this woofer has a very large magnetic structure. This magnetic structure also makes the subwoofer system extremely efficient. (The sensitivity is 91.5 db at 1 watt at 1 meter.)

So, whether you have two or three-way speaker systems, with 8", 10" 12" or even 15" woofers, you'll find the sonic improvements staggering.

You'll hear and feel the awesome effect of thunder rumbling through your home. You'll hear a depth and dramatic fullness to your music that won't be heavy but will thrill you with its massive strength.



Here's a 'floor's eye view' of the subwoofer. You'll feel and hear bass so alive, you'll think it is.

## EASY HOOKUP

It's easy to connect. Simply run the right and left speaker wires from your amplifier to the input terminals of the subwoofer. It works with any system from 20 to 150 watts per channel.

Then, you simply connect the speaker

wires from your two standard 8 ohm stereo speaker systems to the output terminals on the subwoofer. They receive the exact signal that they did before except that everything from 120hz down is routed only to the subwoofer.

Placement of your regular speakers is just as critical as usual for stereo imaging, but the subwoofer can be placed anywhere because low frequency material is totally non-directional.

The subwoofer makes a perfect cocktail or end table. Its rich wood-tone appearance matches any decor. It is 24½" long, 16¼" high and 20" wide.

## TRY AUDIOPHILE'S BEST FRIEND RISK FREE

The fullness, richness and depth is awe inspiring. Wait till you connect this subwoofer to your system and experience truly massive force from your music.

If you aren't 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order BSR's Thundering Subwoofer with its dramatic 15" Dual Wound Voice Coil Subwoofer risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$99<sup>90</sup> (\$14 P&H). Or, No. 4514. CA res add tax.

You can't replace the love and softness of a warm puppy. But, wait till you experience the richness and depth this subwoofer will add to your bass and the clarity you'll hear in your mid-range.



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8200 Remmet Ave., Canoga Park, CA 91304

# The \$299 Copier Breakthrough

Now you can copy full 8½" X 11" papers and even books for a remarkable new price. Plus, it's compact and silent.

By Drew Kaplan

It's amazing. Last year I included a copier in my catalog. And, my nonbusiness friends have been hounding me with requests for them.

The copier is very good. But several friends have said that they don't need the sophisticated capabilities like automatically making 79 copies and being able to copy onto office letterhead.

## SILVER REED TO THE RESCUE

Well, Silver Reed introduced this copier. It makes flawless single copies. It doesn't require toner or maintenance. And it copies on inexpensive plain white 100' rolls of thermal paper.

It was supposed to sell for \$449, or discounted to \$399. So, I didn't sell it because the other copier was just \$599. Now, I've broken the price barrier!

## GREAT FEATURES

This copier is absolutely silent. There are no fans to disturb you. The only sound you'll hear is a gentle whirr during the actual copy process.

Just switch it on and in 3 seconds you're ready to make great looking copies. There's even a contrast control to compensate for less than wonderful originals. Now you can copy reports, tax forms (yuk), checks and recipes.

My wife often says she married me because I had a copier at home. And, we all use it a lot. From homework assignments to road maps to report cards, our copier is always running.



It's just 16" wide, 14½" deep and 4¼" tall. It makes great copies. And, it's backed by Silver Reed's limited warranty.

## GREAT COPIES RISK FREE

Just turn it on and start making copies. The 100' paper rolls simply drop in. It's fast. It's easy. The quality is superb. And now, it's very inexpensive. (read Cheap!) If you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order Silver Reed's Superb New

Thermal Desktop Copier that makes chemical free 8½" wide copies 3" to 11" long, risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just \$299 (\$12 P&H). Order No. 4835. CA res add tax.

100' rolls of pure white thermal paper are just \$4<sup>90</sup> (\$1 P&H). Order No. 4836.

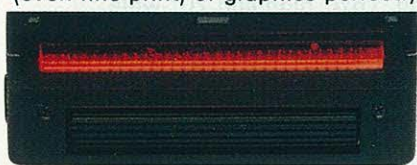
Having a copier at home is one of life's true luxuries. And, once you have it, you'll realize that it's a money saving necessity as well, especially for a home office.

## Pocket Copy Machine

Now you can make great copies in restaurants, libraries, or airplanes. It's great for construction sites, your car or your home.

You're at a restaurant. An important meeting is in progress. The person you're meeting with shows you an important contract. You whip out your new Silver Reed Industrial Pocket Copier and make yourself a copy.

Never before have 4 pounds been so productive. And, don't be misled. This superb thermal copier will reproduce text (even fine print) or graphics perfectly, and instantly!



You just pull the copier over the document you want to copy and your copy emerges instantly. This copier uses photosensors to read the

material and transfer the image onto thermal paper. So, there are never any chemicals or powders to bother with.

And, with its built-in, rechargeable ni-cad batteries (charger included), all you ever have to do is put in a new 30' long roll of paper. It fits in your briefcase or overcoat pocket.

## GOES WHERE NO COPIER HAS GONE BEFORE

So, if you want to copy a column out of an encyclopedia, as I'm doing to the right, or a document that can't be removed, or stock quotes, or receipts in your car, this is the answer.

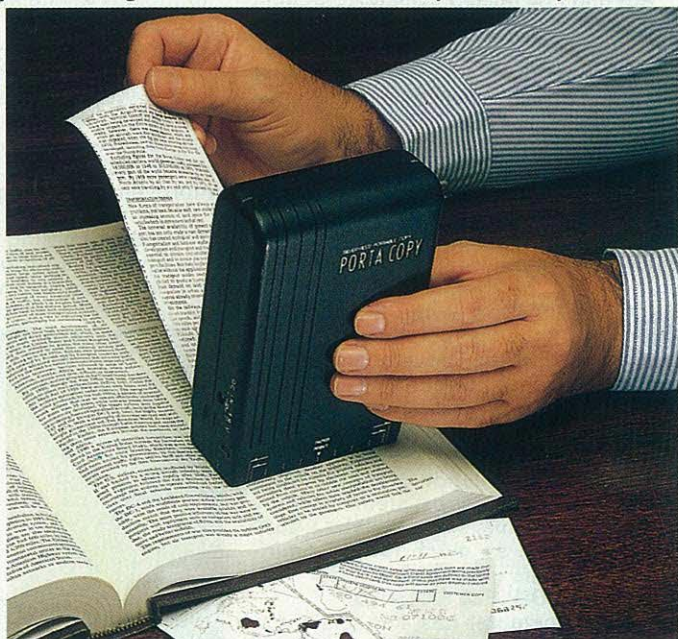
At home you can copy checks, recipes or airline ticket schedules. On the road, you can copy your expense receipts as they occur. If you're like me, you often lose half of them.

## BUT IT ONLY COPIES 3" WIDE

It copies a 3" wide path, as long as you want, flawlessly. So, it's really great for sections of blue prints, computer print outs and similar hard to copy items. You can copy a typical 6" (that's the average text amount) letter in two quick passes. So, for letters, checks, research or newspaper articles, this copier is superb. It's made and backed by Silver Reed's (the office printer people) standard limited warranty.

## COPY ANYWHERE RISK FREE

Wait till you copy a contract. Wait till you copy documents where no other copy machine is available. And wait till you



see the quality of the copies, including fine print or graphics.

If you're not 100% satisfied, simply return it to DAK within 30 days in its original box for a courteous refund.

To order Silver Reed's Revolutionary Porta Copy with Thermal Photosensor Copying, Contrast Control, Built-In Ni-Cad Batteries, AC Charger and Carrying Case, plus a 30' roll of Paper risk free with your credit card, call toll free, or send your check for just \$299 (\$5 P&H). Order No. 4678. CA res add tax.

Extra 30 foot rolls of Thermal Paper are just \$1<sup>49</sup> each. A box of 5 is just \$7<sup>45</sup> (\$1 P&H). Order No. 4679.

# Answering Attack Phone Plus

Let's vanquish the problem of bulky complicated answering machines. And let's conquer the problem of lost beepers. Now, without a beeper, you can not only retrieve your messages, you can even turn on your answering machine.

Stamp out beepers. Here's a microprocessor controlled answering machine that's so smart it will remotely give you your messages without using a beeper.

But, before we explore just how easy it is to use and all of its sophisticated features, such as, toll saver, 2-way record, and remote saving, erasing, outgoing message change, and remote turn-on, let's take a look at the phone.

Here's a hands free speakerphone that gives you 'On Hook' dialing of 38 of your most used phone numbers. It also has last number redial, and 8 of the dialing memories are 'One Touch'.

And, as for comfort, well just wait till you cradle the great sounding Phone Company style handset on your shoulder.

And, as for ease, just wait till you walk around the room talking on the great sounding, hands free speakerphone.

## VANQUISH THE REST

**Easy to use.** Forget cumbersome 'fixed time' outgoing announcements. Most machines make you fill a 20 second continuous loop cassette.

If you've ever tried to do this, you know just what a pain it is to make your message just the right length. With the Attack Answerer Plus, just push 'REC' and talk into the built-in microphone from 2 seconds to 2½ minutes.

When you get your first call, it will be answered on the 4th ring. (Read on to see why.) If you're at home, you'll hear the message being left by the caller over the built-in speaker, if you desire.

If you wish to talk to the person, just pick up the receiver and start talking. If you don't, you've just experienced the **privacy protection** called 'call screening', which lets you hear who's calling before you decide to answer.

This dual cassette machine will let your caller leave any length message up to one minute (more if you choose). If they hang up in 20 seconds, that's how long the message will be.

## TOLL SAVER, OR THE 4TH RING

If you're across town or out of town, why invest a quarter or pay for a toll call if you have no messages?

Each time you reset your machine, it will answer the first call on the 4th ring. After it's taken its first message, it automatically starts answering on the 1st ring.

So, when you call in, just hang up if you get to the 2nd ring. You'll automatically know that you have no messages.

If you do have messages, just give the machine a special signal and you'll receive your messages. Then you can have the machine save, erase or repeat the messages that you have heard.

## MORE SMARTS

If you want to record both sides of a call, just touch a button.

To play back messages at home, just touch one button. A flashing message light tells you how many messages you've received. When you're out, you control this machine from any Tone phone.

## EASY INSTALLATION

Just plug in the modular phone jack and the included AC adaptor. It is ready to take messages or act as your super



automated office or home hands free speakerphone. And, it does so much.

It is Tone/Pulse switchable. It has a ringer Hi/Lo/Off Switch. It has a variable Speaker Volume Control, an Answer Only Mode, a Memo Message Capability and an optional wall mount capability.



## 2 GREAT CHOICES

Here's another great, **super reliable**, Code-A-Phone answering machine/telephone with a few less extra features.

If you can live with 10 number memory dialing, no speakerphone and no 2-way recording of your telephone calls, Code-A-Phone has another great machine.

This machine uses a microprocessor controlled single cassette. First it plays your outgoing announcement. Then it sounds a tone as it zips to the end of the last message it took.

It then beeps and starts taking the new message. Finally, it rewinds back to the precise start of your outgoing announcement, prepared to start again.

It's like a missile guidance system. You'll hear only your messages. This machine is fascinating.

And of course, it has a variable outgoing message, variable message taking, remote message change and remote turn-on, just like the larger speakerphone.

Both units come with Code-A-Phone's standard one year limited warranty.

## THE ANSWERER ATTACK PHONE RISK FREE

They will set you free. From their Phone Company feel handsets to their electronic convenience extras, you'll have incredible convenience and great sound.

And, don't forget that if you forget to turn on these answering machines, you can call home and turn them on.

If you're not 100% thrilled, simply return it to DAK within 30 days in its original box for a courteous refund.

To order Code-A-Phone's Answering Attack Phone with a totally hands free 38 number autodialing speakerphone and easy to use heavy duty answering machine risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just **\$149<sup>90</sup>** (\$7 P&H). Order No. 4815. CA res add tax.

Order the Answering Attack Phone without the speakerphone and a few features risk free for just **\$99<sup>90</sup>** (\$7 P&H) Order No. 4816.

Wait till you hear the phone. Wait till you use the 1 touch dialing and the 'On Hook' dialing. Wait till you hear the sound quality and enjoy the convenience of either of these answering machines.



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Technical Information. . . . .1-800-272-3200  
Any Other Inquiries. . . . .1-800-423-2866  
8200 Remmet Ave., Canoga Park, CA 91304

# Blind Computer?

You can no more see the canals on Mars without a telescope than you can unlock the true power of your computer without a modem. Wait till you see what information ADC's new Hayes Compatible 1200 baud auto-answer/auto-dial modem can get for you. It works with any computer at a new breakthrough price. Plus, you get a \$39 value bonus too!

By Drew Kaplan

I've got 20/20 vision. But when I look up at the sky, I miss everything without my telescope. And, at a ball game I use binoculars. So, a 'computer telescope' is really a very logical addition.

## VERY SHY

But, if you're at all like me, getting on-line is very much like getting up in public to make a speech. Well, I was sure intimidated the first time I started to dial an Electronic Bulletin Board with my modem.

But, I'm happy to report that it's easy. It's fun. And, you'll be awed by the variety of information that will be available to you.

And, while I'm still nervous about speaking in public, I immediately found that being on-line was no different than typing on my word processor. Except that it's infinitely more productive.

I can learn about computers, check my stocks, leave E-Mail, transfer files or download public domain programs. Wow, word processing was never like this!

In a few moments, you'll read about ADC's remarkable modem at DAK's phenomenal breakthrough price and DAK's \$39 value free bonus. But first, let's explore all we can do.

## EVERYONE SHOULD

Imagine dialing a number and hooking up to a free Electronic Bulletin Board where messages about everything, from jokes (I've signed on a joke bulletin board) to computer equipment, are posted.

It's like the bulletin boards I used to see when I was a student at UCLA. Of course, there are specialized boards for specific subjects. There are data bases that list 6,500 references about coffee, to some on agriculture that have over a million reference articles.

Some are free, some cost money. But until you are on-line yourself, no brief description that I can give you will even scratch the surface of what's available.

You'll find informative data bases on economics, medicine, law, education, gardening and wines.

And, if you ever have a question about your computer or a program you are trying to run, just log into a user's group for real, 'roll up your sleeves' understandable help. You'll never be alone.

Are very many people on-line? Well, just look at the screen below and you'll see that when I logged on, I was the 25,749th call on this local board.

```

=====
==Hit <ENTER> !          ..... 300
Daud .....

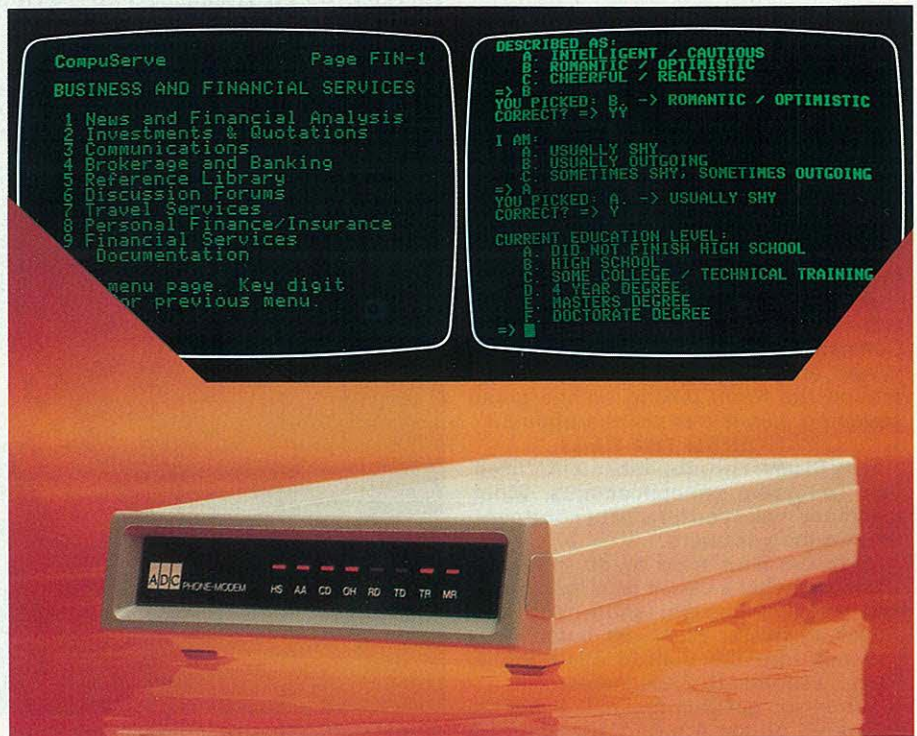
Welcome to System/88-EM
OF Hayward, California
Do You Have a Logon Code for This System
(Y/N)? N <==
Enter Last Name - KAPLAN
Enter First Name - DREW
Location (City, St.) - CANOGA PARK CA
Telephone Number (Optional) - 8888228
IS THIS CORRECT (Y/N) ? Y <==
Adding you to user log, please stand by.

DREW KAPLAN          LOGGED ON
You are Caller number ==> 25,749

The SYSOP is ==> OUT <==

Do you wish to check for Unopened Mail?
(Y/N) ==>
    
```

JOE SIX-PACK



I once heard in a speech that Joe Six-Pack and his wife Martha had no interest in computers, and in fact, no curiosity in general. And worse yet, the U.S was made up of Joe Six-Packs. Well, I don't believe it for a minute.

And, if you're like me, you have curiosity about science, business, electronics, medicine, entertainment and even investing. So, a modem is for people who want to know more about their occupation, hobbies or the world.

## COMPUTER TO COMPUTER THE HOME OFFICE

All modem transmissions are standard, so it doesn't matter if you are talking to an IBM, an Apple or you name it.

With a modem, you're never out of reach of your office. You can log onto your office main-frame or PCs at work. So, you can write a memo or a novel and transmit it from home.

You'll never have to rewrite anything because communicating between your home and office is just like using your word processor. There's just a phone line between your keyboard and screen.

## THE ASSERTIVE INVESTOR

OK, I'm aggressive. You can see it in my challenges. And, my friends will tell you I'm definitely a 'Type A' personality.

Well, when I buy stocks, I want to know about the company. And frankly, I get frustrated. I want to invest NOW, and it takes days or even weeks for me to get 10K reports so I can get the inside information and history.

And speaking of inside information, I buy a few shares of stock of any company I do business with.

I also check out companies that com-

pete with me. And, I have friends who wouldn't go to work for a company without reviewing the company's 10K.

Well, with a modem, you can instantly read and download complete information on over 9,000 public companies.

You'll find forecasts of sales, including product mix. You'll find the balance sheet. You'll see their profitability. And, you'll even find officers' salaries.

You'll find thousands of free services and hundreds of pay services. But most important, you'll find information about virtually any subject that interests you.

If you're into butterflies, why look through every nature magazine in the library. Just access the word Butterfly, and every article will be listed.

In many cases you can scan and even download the entire article, even from an encyclopedia. Wow, no flipping pages and books. The computer finds it all. Think of the hours that you'll save.

In fact, if you're at all like me, it isn't just the hours you'll save, it's the simple truth that without this capability, I'd never have the time to do the research at all.

## ARE YOU GETTING THE MESSAGE?

For stamps, coins, soccer, football, American Indians, chocolate, coffee, mortgages, banking, ulcers, steel production and yes, even six-packs of beer, all the information is available without ever getting up from your computer.

So, if you've been using your computer for word processing and spreadsheets, you're only using a minute part of the capability you have available.

And, if you're thrilled with the difference between typing on a typewriter . . . Next Page Please

...Modem Continued  
and writing on your computer, you'll be even more thrilled with the difference in capabilities between your computer's ability to collect information and a visit to even the largest library in your city.

**And, speaking of libraries, look at this.** There is an enormous amount of free software on-line. It's called public domain software. And, there are programs that do everything, from checking your spelling, to games, to spreadsheets, to just about anything you can think of.

You can upload (receive and use) this software through your modem and then use the programs every day.

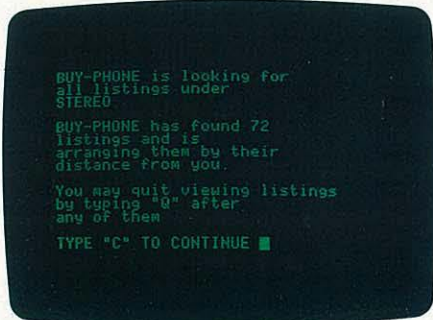
#### SO MUCH MORE

If you write, you can send your copy by modem directly to typesetters.

If you've never been on-line, you may be worried about finding interesting bulletin boards. Well, it's not a problem. I printed out a list of 40 free bulletin boards I found on just one board. So, you'll find more boards than you ever dreamed of.

**And look at this.** I use a 'product finder' board in Los Angeles. Not only will it list everywhere that sells anything I may want, it lists them by distance from my home.

It found 72 listings under 'stereo'. You'll find phone numbers, addresses and business hours of just about any kind of business you can imagine.



**Want a date?** OK, first you've got to know that I'm very happily married. But I have some friends who aren't (married).

There are matchmaking bulletin boards. What fun. Most of these boards, which are available all around the country, seem to be free. But beware, some are X rated.

Anyway, what you do is fill in a questionnaire. Then you browse through other people's questionnaires.

If you find someone you like, just leave them a message. They will check out your questionnaire, and if they like you, they'll leave a private message for you.

So, there's no limit to the information and enjoyment that your computer and modem can bring to you. Now let's look at ADC's incredible 1200 baud modem. And, don't forget our free bonus.

#### THE MODEM

I call it the 1200 Baud Smart Duck. Because, IF it walks like a duck, sounds like a duck, and looks like a duck, it darn well better act like a duck. And, ADC's new Hayes Compatible 1200 baud auto-answer/auto-dial modem is a great duck.

Hats off to Hayes. They've just about written the book on specs and protocol for the 1200 baud modem market.

Every professional modem bills itself as 'Hayes Compatible'. But the big question is, how much does it really cost to make a top-of-the-line 1200 baud modem? Or, who's getting rich?

For DAK's new breakthrough price of just \$129<sup>90</sup>, you'll not only be getting a duck that quacks properly to Hayes modems, but sings like a nightingale to your pocketbook. It can save you a fortune in time with its extra features.

#### DUCK SOUP

**Any computer** with an RS232 standard serial port, will work flawlessly with this modem. And, virtually any modem or terminal software that's compatible with Hayes, will be compatible with ADC.

I've owned a Hayes 1200 baud modem for about 2 years. I just unplugged it and plugged in ADC's to operate my Hewlett-Packard dumb terminal which I use at home to monitor DAK's computer.

The only differences I noted were improved monitor sound, more screen displays and a help menu. And, oh yes, one last extra. I use a few local data bases whose phone lines are always busy.

Well, ADC's intelligent modem recognizes a busy signal, hangs up and keeps retrying the number every 30 seconds.

There are less important (to me) extras like day, date and time, an extra phone jack and auto tone/pulse switching.

#### 1200 BAUD POWER

The ADC Modem will communicate at 1200 baud (about 120 characters per second) or 300 baud (about 30 characters per second) automatically, depending on the link at the other end.

It comes with a modular phone cord that you simply connect to any standard modular jack. And, it uses standard Bell 103 and 212A protocols. It operates in half or full duplex.

Its built-in microprocessors let you automatically answer in-coming (auto-answer) calls & act on all Hayes commands.

It even waits for dial tones and phone network tones during auto-dial. The modem is 9½" X 5½" X 2". It's backed by ADC's standard 1 year limited warranty.

#### HOOKING IT UP MADE EASY

All you need is a serial output, a cable and a modem program. **Use your own for any computer. Or you can use ours for the computers below.** All our modem programs on disk let you save, upload and download files. Look how easy it is.

If you own an IBM PC or a Clone, usually you'll find an RS232 serial port already built-in. All you need is our cable and modem program on disk, which we've packaged together for just \$14<sup>90</sup> (\$3 P&H). But, before you order your cable, you may need a short sex education course.

Sex Education 1A. You need to determine whether your computer's RS232 connector is male or female.

If you look at the picture below, you'll note that ADC's RS232 Modem connector has holes going in. It's a female. If it had copper pins sticking out, it would be a male. Now wasn't that simple?



So, if yours is female, order our male cable and modem program Or. No. 4353. If you have male pins sticking out, order our female cable, Order No. 4354.

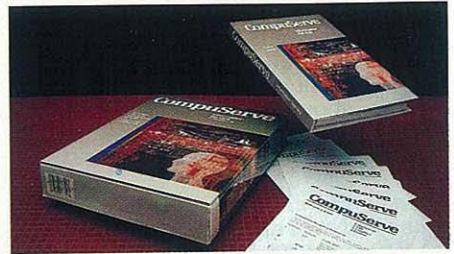
For your Apple IIC, your serial interface is built-in. All you need is our cable and modem program on disk. They are just \$14<sup>90</sup> (\$3 P&H). Order No. 4356.

For your Apple IIE, you'll need a serial interface with an RS232 port, a cable and a modem program. It's all yours for just \$69 (\$4 P&H). Order No. 4357.

#### 1200 BAUD SMART DUCK RISK FREE

For business or pleasure, you'll communicate, gather information and save time. If you aren't 100% satisfied, simply return it in its original box to DAK within 30 days for a courteous refund.

To Order Your ADC 1200 Baud Intelligent Modem, now including the Bonus \$39 value CompuServe Complete Subscription Kit (described below), with \$25 worth of on-line time, risk free with your credit card, call toll free or send your check for DAK's market busting price of just \$129<sup>90</sup> plus \$6 P&H. Order No. 4334. CA res add tax.



#### FREE SUPER BONUS

An easy way to get started on-line is with CompuServe. It has just about everything. Your bonus, when you purchase ADC's incredible Modem, is the \$39 value (DAK sold it for \$24) complete CompuServe Subscription Kit, including \$25 worth of on-line time.

Let's take a brief look at part of the menu (index) that you'll have at your fingertips when you log onto CompuServe. I've used CompuServe's names or descriptions. This is by no means complete. And CompuServe is just one of many data bases available to you.

#### PARTIAL COMPUSERVE INDEX

AIRLINES, ARTS (Art & Literature), ATARISIG (Atari Forum), AVIATION (Aviation Forum), BANK (Home Banking), BANSHI (Banshi Game), BROKER (Brokerage), Business (Business Menu), C64SIG (Commodore 64 Forum), CASTLE (Castle Telegard Game), CBIG (CB Interest Group), CBMSIG (Commodore Programming Forum), Clarke School (For the Deaf), COCO (Color Computer Forum), COMMODITIES, CP/M, CQUOTE (Current Quotes), DEMOGRAPHICS (SuperSite), DISCLOSURE (Public Company Details), EARNINGS (Earnings Projections Menu), EASY (EasyPlex), ECONOMICS, EDUCATION, EMAIL, ENCYCLOPEDIA (On-Line Grolier's Academic American Encyclopedia), ENGINEERING (Engineering Menu), ENTERTAINMENT (Entertainment Menu), ENVIRONMENT (Environmental Forum), EPIE (EPIE Forum), FINANCE, FINFOL (Personal Finance), FLIGHTS (Travel Menu), FOOD FORUMS (Menu of Forums), GAMES (Menu of Games), GOURMET (Electronic Gourmet), HEALTHUSERS (Health Users Group), HOBBIES (Hobbies Menu), HOLLYWOOD (Hollywood Hotline), HOME (Home Menu), HOTELS (A to Z Hotels), IBMNOVICE (IBM Novice Forum), IBMSIG (IBM Users Forum), INSURANCE, INTERESTS (Other Interests), INTERFACE, INVESTMENTS (Investments Menu), IQINTERFACE (IQ Interface Program), LAWSIG (Law Forum), LEGAL (Legal Menu), LEISURE (Leisure Travel Menu), LIBRARIES (Home Reference Menu), LOTUS (World Of Lotus), LOVE (Love Messages), MAGAZINES (Electronic Publishing Menu), MAUG (Apple Users Group), MEDICAL (Medical Menu), MOVIES (Movie Reviewettes), MSOFT (MicroSoft Users Group), S&P (Standard & Poors), SCIFIT (Science Fiction Forum), SCIENCE (Science Education Forum), SHOWBIZ (Showbiz quiz), STATE (Department of State), SPORTS (Sports Menu), TECHNOLOGY, TICKER (Ticker retrieval), VACATION, VIDEO, WEATHER (NOAA Weather Wire), WINEFORUM (Bacchus Wine Forum), and MUCH MORE.

It is said that knowledge is king. With the information you can acquire through this modem, you'll have the informational power of 10 kings. And, you'll have a full range of entertainment thrown in as an extra bonus.

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# Fat Watcher Plus

Now you can walk or jog around the block, walk around the office or even around a trade show, and know how far you've traveled and how many calories you've burned. Use the alarm to set calorie and distance goals.

By Drew Kaplan

No, you don't have to be fat. And no, you don't have to be a marathon runner. However, if you are, you're going to marvel at the feedback you'll get from this new electronic Body Monitor.

Before we explore how you can use this Body Monitor's capabilities to aid you in losing weight (as it is me) and to measure your training achievements, let's look at some interesting curiosities.

If you're like me, you've probably wondered just how far you go when you walk around the block. And, every year I attend the Consumer Electronics Show and I've always wanted to know how far I walk.

Since my plane always seems to be at the last gate at every airport, I've wondered just how far I go. I've also been curious about how much ground I cover in an average day at the office.

Well now, not only will I know how many steps I've taken, I'll know how many miles or hundredths of miles I've gone and how many calories I've burned.

Now we will know it all. And, with the ability to set goals, we can use this monitor to help achieve our desired fitness.

## ONE STEP AT A TIME

It all starts out with one small step. Just clip the Body Monitor on your belt or waist band and away you go.

First it counts your steps. As you can see below, I've taken 1544 steps.



It knows how far you've gone because you set it to your particular stride length. As you can see, I've got mine set at 2½ feet. But you can set yours from 0 to 7'.

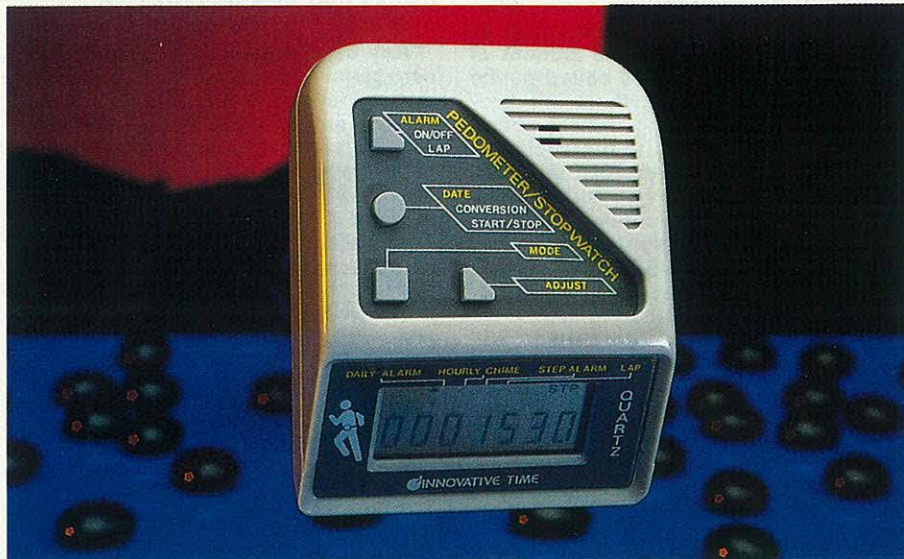


Because it knows your stride length, it automatically calculates the distance you travel. Just touch a button, and as you can see, I've traveled 0.58 miles.



Push the button again, and you can see how many calories you've burned. The Body Monitor has a built-in table that calculates an average of how many calories you've burned, based on the number of steps you've taken.

And, you can be even more accurate by adding your exact weight to the body meter's reading. A formula is included.



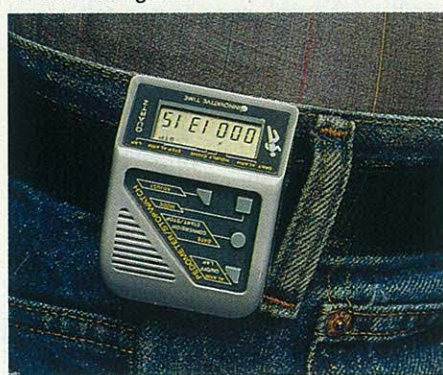
What's really great is that you can set a target for yourself to achieve. Here I've set 2500 steps. When I reach 2500 steps, an alarm will sound to tell me that I've achieved my goal.



But steps aren't very interesting, so you can set the alarm to let you burn 100 calories or go 3 miles. It's all calculated through the steps, so it's really easy.

Let's say I want to eat an ice cream sundae. It has 260 calories. So, I'd have to walk 5200 steps. I'm forgetting the ice cream sundae, but I may have a piece of cheese or maybe even a cookie.

Using the Body Monitor for running or walking lets you see just what you've accomplished. And while I can't speak for you, I personally work and play best when I set goals.



The Body Monitor lets me set and achieve goals. So, it's been a terrific aid in my personal fitness program.

By the way, it's 1.03 miles around my block and I burn about 105 calories.

I'm really excited about finding out just how far I walk at the Consumer Electronics Show, but I'll have to wait till it opens in January to find out.

SO MUCH MORE

It may look small, but it has so much inside. It has a built-in clock with hourly chime, so you don't have to wear a watch.

It has a stopwatch, accurate to 1/100th of a second resolution. And not only does it have a lap timer, it has first and second place finishes.

But, with all its frills and all its great curiosity satisfiers, it's really a precision fitness aid.

So, if you walk, jog or exercise, the Body Monitor can aid in measuring what you've accomplished. It comes with a one year battery, and it's backed by a one year limited warranty by Innovative Time, the Pulse Watch People.

## SATISFY YOUR CURIOSITY RISK FREE

I've been dieting and exercising for years. I use my pulse watch all the time and it tells me how I'm doing. Now the new Body Monitor gives me feedback as to what I'm accomplishing.

And, I particularly like the goal setting alarms. Now, instead of watching my watch to see when I've run enough, an alarm sounds when I'm through. Plus, it's really neat to know how much ground you've covered around the office or around the block.

If you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order Innovative Time's Body Monitor with Step Counter, Mileage Counter, Calorie Counter, Stop Watch and Goal Setting Alarm, call toll free, or send your check for DAK's breakthrough price of just \$39<sup>99</sup> (\$3 P&H) Order No. 4651. CA res add tax.

It's great for fitness, but I'm wearing mine to work and even around the house. It's small in size, but it sure feeds back a lot of exciting information.



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# Necessary Evil?

Take a walk in the garden, sit on the patio, or walk around the block. Cordless phones can set you free and protect you. But, how much better will the sound quality be in your home with the new 46/49Mhz phones? Well, let's check.

By Drew Kaplan

Let's talk turkey. The truth is that in the laboratory, even the old cordless phones were pretty good. And, the freedom they offered was really seductive.

I mean, think about answering your phone from across the street, around the block or even in a neighbor's house.

Consider the convenience for your wife of being able to talk on the phone while keeping track of the children in the yard or down the street.

Consider the security of being only seconds away from the police or fire department. You can instantly call a doctor or anyone, anywhere.

And frankly, it's really neat to lie on a chaise lounge on your patio and answer the phone without having to get up and run inside when it rings.

It seems that whenever my phone rings, by the time I run in and pick it up, it quits ringing or it's a wrong number.

## BAD NEWS

But cordless phones had problems. After millions of them were out in the field, they tended to conflict with one another. And, other interference caused problems too.

After all, there were only 5 frequencies for everyone to share. And, even two people on a party line is a pain. Imagine what happened when too many phones ended up in one neighborhood.

## COBRA ATTACKS

Cobra has developed an incredible 46/49Mhz cordless phone that has dramatically improved sound quality.

Plus, it has 512 different digital security codes, 10 number memory dialing, 2-way paging and intercom, and a great sounding speakerphone in the base.

**But let's be honest.** This may be the best cordless phone I've ever used. But, it's not quite equal to a wired phone.

Sure, it uses the new frequencies with the maximum FCC power. Sure, it has noise reduction circuits.

But the truth is that you'll probably get a buzz if you walk under a power line. Occasionally you'll get some static from florescent lights. And, if you're standing next to a wired phone, you'll probably want to pick it up.

So, Cobra isn't perfect, but in my opinion, it's the best show in town. And if you don't mind exchanging a few buzzes and some occasional static for total phone freedom, read on.

**The Handset-** You can dial in Tone or Pulse. You can dial any of 10 phone numbers you've put into memory, including last number redial.

And you can even use the new Phone Company services that use the \*, and #.

Of course, you can page the base station and there's high/low volume and indicators for 'In Use' and 'Low Battery'. Just drop the handset into the base for recharging its NiCad Batteries.

**The Base-** The base is also a speakerphone. Just touch the Answer button for hands free, super clear conversations.

You can talk to someone on the phone. Or, you can page the handset and talk to



the person with the handset.

You'll have full range volume, enough LEDs to embarrass a space ship, and 'Hold'. In addition to cordless phone freedom and a great sounding speakerphone, the intercom let's you get double duty from this communications system.

With the intercom, if you answer the phone in the house, you can transfer the call to the person with the handset. And, the person with the handset can call and talk to anyone in the house.

If you're on the roof setting up a TV antenna or calling your mate for help, the intercom adds real convenience.

It's backed by Cobra's one year limited warranty. And, at DAK's breakthrough price, I think it's time to enjoy the freedom of cutting the cord again.



## BUT WHAT ABOUT 49<sup>90</sup> CHEAP?

What if you just want a phone with you so you don't have to run inside, or from one end of the house to the other.

Cyberex makes a high quality 46/49 Mhz phone with great sound and **no features**. It has nearly the range and nearly the sound quality. But, it doesn't have any options except for Tone/Pulse Switching.

There's no intercom, no high/low volume, no page, and no memory dialing.

You get a well crafted, well engineered 46/49Mhz new frequency phone.

Its NiCad batteries charge whenever the handset is in the base. And it's backed by Cyberex's limited warranty.

And either phone will let you walk the dog around the block without being out of touch, or go next door without worry when you're expecting an important call. Both phones may be wall mounted.

## NECESSARY EVILS RISK FREE

Evil usually isn't risk free. But if you buy today's cordless phones, they aren't too evil and you're in for great convenience. Please note: These phones do sound really great. But they aren't perfect, and I thought you ought to know.

If you're not 100% satisfied, simply return the phone in its original box within 30 days for a courteous refund.

To order Cobra's 46/49Mhz Cordless Phone with Digital Coding Tone/Pulse Switching, 10 Number Memory, 2-Way Intercom and Paging risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just **\$129<sup>90</sup>** (\$5 P&H). Order No. 4720.

Cyberex's 46/49Mhz Cordless Phone with no extra options is yours risk free for DAK's shattering price of just **\$49<sup>90</sup>** (\$4 P&H). Order No. 4711. CA add tax.

OK, cordless phones aren't perfect. They are much better than they were. And, unless you're willing to keep running for the phone, a few clicks may be a small, necessary evil.

# Gourmet's Ear Feast

Imagine the sound you'll hear from all your musical sources when you use these stereophones that are designed to capture the sonic violence, dynamic range and frequency response capabilities of CD discs.

By Drew Kaplan

It's a fallacy. People are supposed to wear headphones so they won't bother other people. Rubbish, I wear headphones so no one bothers me. And, while I'm not being bothered, I want superb sound.

With a true 30hz to 30,000hz frequency response that isn't affected by limitations of your listening room environment, these all new BSR headphones can offer you some of the best musical sound from any source.

## HIGH VELOCITY DRIVERS

The sound is fast. It has to be to contend with the sonic capabilities of CDs. So, with any other source, these incredible new headphones will be coasting.

Large, high velocity mylar diaphragms, (these drivers are much larger than traditional open air headphones) have a real deep bass capability.

Samarium cobalt magnets are used for the voice coils because samarium has very closely spaced electron orbits that produce the strongest magnetic field potential. Therefore, it gives the fastest and most accurate sound reproduction.

The highs are clean and transparent. The mid-range is full and rich. In short, it's a great sounding headphone. And, it's a great feeling headphone as well.



There's a volume/balance control at each ear, so you can exactly balance the left and right levels. The stereophones come with a 6' cord which terminates in a mini phone plug. And, you get a screw-on 1/4" stereo plug. It's all backed by BSR's standard limited warranty.

## A FEAST FOR YOUR EARS RISK FREE

Close your eyes and imagine the thundering bass produced by 15" woofers. Imagine the subtle realism of brushes.

Then put these incredible new head-

phones on and compare your imagination with the real thing. If you're not 100% satisfied, simply return them in their original box within 30 days for a refund.

To order your BSR Ear Feast High Velocity Stereophones with full compact disc capability risk free with your credit card, call toll free or send just \$29<sup>90</sup> (\$3 P&H). Order No. 4719.

Don't be put off by DAK's cheap price. You won't be hearing cheap sound. Although, at only \$29<sup>90</sup>, the sound you do hear sure can be called 'cheap thrills'.

# The Roar Factor

Now your personal stereos and TV can roar with mammoth, room-filling sound. Now you can unleash their full potential.

Make your portable CD or personal cassette thunder to life. Fill your room with dramatic, crystal clean highs, and the powerfully resonant roar of real bass.

Now you can have amplified speaker systems to turn music for one into music for all. And, just wait till you hear the sound of your TV through these incredible new AC powered, 17 3/4" tall 2-way, amplified speaker systems.

## HOOK-UP HEAVEN

There are line inputs for CDs or ANY audio component, including audio cassette decks and stereo or monaural VCRs.

You also get a headphone connecting cord which plugs into the stereo headphone jack of any personal stereo.

And, there's an adaptor so you can plug into the monaural earphone jack on your TV for phenomenal TV sound.

## THEY REALLY ROAR

Wait till you experience the roaring bass from the 4" matched woofers. And wait till you hear the transparent highs generated by the 2" tweeters.

The internal amplifiers optimize the response from the woofers and tweeters like no external unmatched system can.



They are made by Universal and backed by their standard limited warranty.



## MAKE YOUR MUSIC ROAR RISK FREE

The sound isn't like a boom box. It's like a stereo system, alive with sonic drama. If you're not 100% satisfied, simply return them to DAK within 30 days in their original box for a refund.

To order Universal's AC powered Amplified Speaker Systems with 4" woofers, 2" tweeters, optimized amplifiers and a

complete set of connecting cords risk free with your credit card, call toll free, or send your check for just \$79<sup>90</sup> (\$6 P&H). Order No. 4723. CA res add tax.

When you turn up the bass your music will roar with excitement. And the highs will simply thrill you. Wait till you hear your own music through these remarkable amplified speaker systems. They're an incredibly potent sound source.



# Computer PT Boat

*It's a swift, incisive, 5 pound powerhouse armed with MicroPro's powerful Wordstar Word Processing and Calc Spreadsheet Programs. This 64K briefcase portable is ready to sink battleship sized desk PCs. Add 2 modems, more software and a superb near letter quality printer, and it's a \$1,968 retail value. Price blasted to just \$699.*

By Drew Kaplan

Attack wasted time. Work where and when you want. Connected to, or competing with a desk top PC, Epson's portable computer is a perfect **main** computer or **companion** to one you have.

And competing with a desk top computer for most applications, is no idle joke. Wait till you read about the power and versatility of this computing system.

At only 5 pounds, **including** its built-in ni-cad batteries, it fits easily in your briefcase, without filling it up.

So, you can have full word processing, spreadsheet analyses/projections, telecommunications and computing power wherever you are, without having to look for a desk or even an AC plug.

Its full size keyboard is 98.6% the size of a standard typewriter, so your hands won't be cramped after hours of typing.

Its non-glare infinitely adjustable, high resolution, full 80 column, 8 line LCD display with full 25 line access, won't give you eye fatigue.



It has battery backed memory in the form of an instant access RAM disk, which you'll use much like a hard disk.

And, it has infinite capability to store files through its unique on-board micro-

cassette drive which functions more like a floppy disk drive than a cassette drive.

Imagine a microcassette drive with a file directory and high speed access to the beginning of the specific file you want. It knows exactly where each file is.

Now, you'll **NEVER** waste time when you are stuck waiting, traveling on a train, a plane or sitting in a hotel room.

**And, most important.** By using normally dead time that gets wasted every day, you'll find you have more free time to spend with your family and friends and to pursue your hobbies. Wow!

So, whether you're a writer and/or a company president as I am, or a student as I once was, this computer will let you be incredibly more productive.

If you're an accountant, which I'm not, you can run spreadsheets and models with the 16,384 cell Calc program.

However, you'll be amazed at how easy it is to use this spreadsheet program and all the things it can do for you. It comes with a great tutorial which will have you projecting your own sales, profit, and more in just about an hour.

Just imagine how effectively you can get your ideas across to clients when you can **change** variable models of their potential costs or profits right in front of their eyes in their own offices or even at a restaurant while you wait for lunch.

Plus there's a scheduler program for setting up appointments with day by day calendar screens that you can print out.

You can even look at a bar chart that shows how you've planned every 1/2

hour for the next 24 days. It's great for slotting in new appointments.

Of course there's a vast reservoir of programs you can buy or even download for free from electronic bulletin boards by using the included modems.



## IT GOES WHERE YOU GO

During the day, you can use it at your desk, in the warehouse or in the field for work. It's simply great for writing, inventory taking or sales forecasting.

At night, take it home to finish a project. Then, you can study your stock portfolio or log onto databases to make airline reservations, check the latest price of gold or the specific history of one of your stocks. You can even get the current S&P Green Sheet Reports.

**And, look at this.** You can actually  
Next Page Please. . .

...Epson Continued  
look up on-line information about public companies' 10K reports, such as earnings, officers' salaries and trends. Wow, what a great way to keep track of your competition, suppliers and customers!

If you're a student, you'll find a wealth of research information available through your modem on thousands of diverse subjects. There are lots of group forums on-line to help you with educational research. Plus, when you're through studying, you can even log onto a computer dating board and choose your ideal mate.

And look at this bonus. If you're at all shy about using modems, we've included a \$39 value (we sold it for \$24) CompuServe Membership Package, complete with a full manual and \$25 worth of free on-line time.

While many bulletin boards are free, you'll find that learning your way around CompuServe with \$25 worth of free time, will give you a good solid knowledge of how to get the information you want from bulletin boards across the country.



### HOT LINK

You can directly connect this Epson computer to any IBM PC or Clone or virtually any other computer with a serial interface and any standard communication program, simply by using its cable.

You can download (receive) a file from your desk PC to the Epson to take with you, or upload (send) a file from the Epson to your desk PC for your secretary.

In fact, this system is an incredible replacement for a secretary's typewriter. Portable WordStar will let you edit, correct and even move paragraphs or sentences at will. A letter won't have to be re-typed and reproofed if a change is made.

```

not editing
<<< OPENING MENU >>>
D Open a document file : P PRINT a file : T TRANSMIT a file
F Open a non-document file : O COPY a file : C RECEIVE files
L Change logged drive : Y DELETE a file : X EXIT to system

<<< MAIN MENU >>>
--Cursor Movement-- --Miscellaneous-- --Other Menu--
"0 clear left "D char right "0 Delete "0 Miscellaneous "0 Block
"A word left "F word right DEL chr LP: "V INSERT CR/CRPF "0 Onscreen "0 Block
"E line up "X line down "T word rtr: "R Find/Replace again "F Print "0 Onscreen
--Scrolling-- "V line "V RETURN End paragraph "Q Quick "0 Quick "0 Onscreen
"V up line "Z down line "N Insert a RETURN "HELP display/ "0 Stop a command "0 Screen menu
"X up screen "C down screen
  
```

If you already use WordStar, you know why it's the most popular word processing program in the U.S. If you use another program, don't despair. You can still send the file. You'll just have to use it under the commands of your program.

### ALL THE THINGS YOU'LL GET

Epson's 64K Geneva Computer has a suggested retail of \$995. It is just 1.87" high, 11.58" wide and 8.42" deep. It has 3 CPUs. It has 72 keys. Plus 'Number Lock', lets you have a standard 10 key pad for fast entry of numerical data.

No matter where you use Epson's computer, you'll have up to 10-20 uninterrupted hours of computing from its internal ni-cad batteries. Then it will automatically shut down. Even after battery-low shutdown, your memory will be protected by the internal backup battery.

Of course, the AC adaptor/charger is included. So, you can operate from AC or DC to suit your needs.



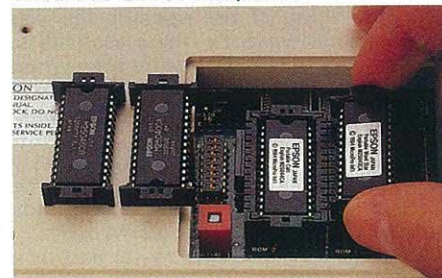
Geneva's microcassette drive gives you a choice of storing your files on the RAM disk or on microcassettes. The on-board microcassette drive uses standard 30 or 60 minute microcassettes.

Just one 30 minute tape will store up to 50,000 bytes of information (about 25 pages of text).

And, don't forget, this intelligent machine actually stores a directory at the front of each cassette and in RAM. You can directly access any whole file without having to search a whole cassette. This computer will power off after 10 minutes if you don't enter data to save its batteries. (Shut off time is adjustable.) Just flip a switch and you'll be exactly where you were when it powered down.

It can use its on-board clock to turn itself on. And, if you type in a password, your information will be secret.

This \$995 Computer comes complete with 4 powerful software programs plus a group of Utility Programs. The programs are stored on ROM Chips that simply slip into either of 2 sockets on the back of the computer.



Again, like a hard disk, these ROM chips are fast and load automatically. You get Portable WordStar, Portable Calc and Portable Scheduler. Plus you get a powerful form of Basic. This system can run virtually any CP/M programs.

You can write very sophisticated programs in Basic. This advanced Basic is so powerful that it even supports such obscure extensions as Inkey\$. And, it supports sound, so you can even finish Schubert's 'Unfinished Symphony'.

```

*** MAIN MENU ***
Select alphanumeric or ESC to exit.  COMFIG V1.0
1:auto power off                    7:RAM disk
2:CP/M Function key                 8:80-325C
3:cursor & function key display     9:screen mode
4:date & time                       A:serial
5:disk drive                        B:user BIOS
6:printer                             C:country
  
```

Here's just one menu from the Utility Programs Rom.

There are two ports on the back of the Geneva. One is a serial port for the optional disk drive(s). The other is a fully programmable RS232 serial port for the superb printer we have included. Or, you

can use it to communicate with other computers and external modems.

Of the total 64K in this computer, you can actually store files in a 24K RAM disk. The balance of RAM is used for running your programs. But, don't fret, there is lots more RAM and power to come.

### THE FLYING WEDGE

A 24K RAM disk may sound like a lot of writing to some. But if you write as much as I do, you're sure to want more.

Another reason for more RAM is that WordStar creates back-up files which occupy memory space.

Back-up files are really great, because if you are editing a file you've written and you really mess it up, you can go back and get your untouched back-up file and start over. So read on for more memory.

Epson makes a \$360 accessory (included) called a Multi-Unit which gives you a 64K RAM disk and leaves all the RAM within the computer free for processing.

It's a small wedge that attaches to the bottom of the computer and doesn't increase its footprint on your desk at all.

And there's more. The 1st modem I described earlier is included inside the Multi-Unit Wedge. It's a 300 baud auto-answer, auto-dial, Tone & Pulse Modem.

It's a terrific modem that comes with a modular phone cable that you plug into any standard phone jack and away you go.

Well you won't go far, since Epson doesn't include a modem program. The modem program is a \$79 value. We've included one that lets you dial in Tone or Pulse, and send or receive files. It's very sophisticated but it's very easy to use.

And oh yes, the Multi-Unit has one more feature. It has a 3rd ROM slot for the Utility ROM. So, you can keep 2 programs loaded in the computer. You can swap ROMs in less than 10 seconds, so it's no big deal, but an extra slot is nice. Once attached, the Multi-Unit actually becomes part of the computer.

### GENEVA USER'S GROUP

There is a terrific guy who knows just about everything about the Geneva, including where to find all types of software for more diverse applications.

It's a free bulletin board. If you have a modem now, you can log on by dialing 1-313-538-6968. The SysOp, as system operators are called, can answer questions and even supply you with public domain software.

He's been an incredible help to me and he's got everything from a spelling dictionary to an outline formatter to games. He can even produce ROMs for you or direct you to various bulletin boards you'll find of interest.

Since he doesn't work for DAK, I can't guarantee he'll always be there, but he has been for me, and at least you'll get a running start on doing a whole lot more than you, or frankly Epson, probably ever imagined with this computer.



Here's the 2nd included Modem. It's an external Acoustic Modem.

One last word about modems. If you're  
Next Page Please. . .

...Epson Continued on the road, you may need Epson's \$129 acoustic coupler modem. It fits on pay phone and hotel room handsets (the rounded traditional kind only).

It's a 300 baud modem that you can use with any computer. It has its own internal ni-cad batteries and its own charger. Wow, this is some system!

#### PRINTER HEAVEN

We've acquired a superb \$299 List Price NLQ (Near Letter Quality) printer from Seikosha, Epson's sister company. It can take single sheet plain paper or letterhead or fan fold computer paper.

And its printing is so good that I think Near Letter Quality doesn't do it justice.

It's fast, quiet and easy to use. It's AC powered. It has a Self Test Mode, Bold, Underline, Condensed and Expanded Type capabilities. It's a superb value at \$299, but to be honest, I've seen it selling for as little as \$199.

This printer is the best NLQ printer I've used. I'm proud to have my important business letters produced on this printer mailed from my office.

I can't overemphasize what a powerful word processing system this is.

#### AND YOU THOUGHT THAT WAS ALL

Epson didn't include free cables, but we have. You'll get a \$29 cable to connect the Geneva to the printer or to your desk top computer.

But, does your computer have male or female Serial plugs? Well, I don't know, so we've included a \$19 Gender Bender so you can connect to male or female.

For external modem use, you'll need what's called a Flip for the cable (included). It's a \$19 value.



#### THE BEST FREE PART OF ALL

We've written an easy to understand, step by step instruction book that basically instructs you how to take the computer out of the box and how to plug it in.

Then in step by step detail, you'll get into each facet of its basic capabilities.

Of course, you'll get a massive set of individual instruction and reference manuals from Epson and MicroPro too.

#### WHY SO CHEAP?

It's a terrific \$1,968 system. And, that's just the problem. Epson designed and built very sophisticated equipment. But they relied on salespeople to explain what was needed to consumers.

Many salespeople don't understand why you need each component and what it does. So, only smart consumers who figured it out for themselves were able to put together a really productive system.

Enter DAK. Epson was stuck with 6714 computers. We made them a ridiculously low offer for everything. Well, 6714 computers isn't very much to a company the size of Epson, so they accepted.

Then, we sifted through all the components and chose just the most useful,

added the printer, the cables and the programs required and slashed the \$1,968 retail price down to just \$699.

Every Epson Component is backed by Epson's standard one year limited warranty. And, the printer is backed by Seikosha's 2 year limited warranty.

#### THE COMPLETE COMPUTER SYSTEM RISK FREE

Wait till you experience the power and your own increase in productivity, as I have. I'm amazed at the amount of work I can get finished in half hour segments if I'm stuck at a restaurant or during unexpected breaks between meetings.

**What's even more exciting, is that instead of transferring the work to my PC when I get home, I like the keyboard on the Geneva so well that I'm finishing what I start, right on the Geneva.**

Just imagine working at your desk, on the patio or in a hotel room. I actually wrote an ad on a flight from Atlanta to Boston. I'm 100% sold on this computer.

If you're not 100% satisfied with its typing or computing or communications capabilities, simply return it in its original boxes within 30 days to DAK for a refund.

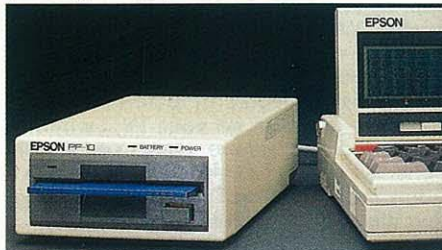
To order your Epson Geneva 64K portable computer complete with Portable WordStar, Calc, Scheduler, Basic and CP/M Utilities, On-Board Direct Access Microcassette Deck, Built-In Ni-Cad Batteries, AC/Charger Adaptor, Extra 64K RAM Disk Wedge with 300 Baud Modem, External 300 Baud Acoustic Modem, Communication Software, NLQ Sheet and Fanfold Printer, plus Cable and Connectors, forget the suggested retail price of \$1,968. Call toll free or send your check for just \$699 plus \$18 for P&H. Order Number 4610. CA res add tax.

#### OPTION

If you don't need a modem and you're into writing long novels, we have the complete system less the modem and CompuServe package, but with a Wedge that gives you a 120K RAM Disk (Wow!) for just \$799 (\$18 P&H) Ord. No. 4612.

**Note:** You can still use an external modem. **Special Note:** Once you attach the Multi-Unit Wedge or 120K RAM Disk, the computer initializes itself to the component. So, the RAM Disk is instead of, not in addition to, the Multi-Unit.

For the many people who already own basic Genevas, you can purchase the \$460 retail, 120K RAM disk for just \$200 (\$5 P&H) Order No. 4613.



#### OPTIONS FOR EVERYONE

For massive storage we have Epson's state of the art 3 1/2" floppy disk drive. It's rated at 320K. It has internal Ni-Cad Batteries and an AC Adaptor/Charger. Epson's retail is \$599, plus \$19 for the Cable and \$17 for the Utility Disk for the drive. It plugs directly into the Geneva's serial port and boots automatically. This \$635 value is yours for just \$189 (\$5 P&H) Order No. 4614. **Note:** You may

connect up to two disk drives.

A box of 10 Double Sided Double Density 320K Floppy Disks is just \$34 (\$1 P&H) Order No. 4615. **Note:** 3 1/2" disks are the standard format for many of the newest computers.

High Grade Microcassettes for the cassette drive are available in 30 and 60 minute lengths. They come in hard plastic boxes. 30 minute microcassettes are just \$2<sup>90</sup>. (\$0.50 P&H). Ord. No. 4616. 60 minute microcassettes are just \$3<sup>90</sup>. (\$0.50 P&H). Ord. No. 4617.

The Seikosha printer comes with a unique long life ribbon (up to 2 1/2 million characters). Extra ribbons are just \$7 (\$1 P&H) Order No. 4618.

You'll probably want to acquire more software as your computing needs expand from the included word processing and spreadsheet programs.

Epson had a special set of 3 programs designed called, "The Travelers Pack".

**First** is an appointment manager. Big deal? Well, not only can you have a printed record of your future or past appointments, you'll have a calendar that gives you the dates up to 1999. And with its integration with the Geneva's built-in clock/calendar, you'll never forget birthdays, anniversaries, or important dates.

**Second** is a time manager. If you bill for your time, it lets you enter projects and clients. Then, it automatically calculates and prints out totals using multiple billing rates for each project and client.

**Third** is an expense manager. With the new tax law, it's important to separate meals from lodging and travel. With this expense manager, just enter your bills by category and get printed reports.

The three programs, each on their own ROMs, a \$139 value, are yours for just \$69 (\$3 P&H) Order No. 4802.

Epson also had a special version of Ashton-Tate's dBase II with most of its functions called dB Traveler on ROMs. It's a slightly smaller version of dBase II's sophisticated relational database management program. It's file compatible with desktop dBase II. It's a \$329 value for just \$169 (\$3 P&H) Order No. 4803.

#### WANT SOFTWARE?

There are lots of software suppliers available. Here are some things you can do with just a few of the programs you can acquire from the Geneva Users Group mentioned earlier.

Calculate loan amortization, generate mail or disk labels, spell check, use the Geneva as a direct typewriter, produce typeset type printing, easily format Word Star files into columns (Wow), play music on the PX, make puzzles, predict the location of Messier (celestial) objects, play chess, use Turbo Pascal, check your punctuation & style and on and on.

For your desk, your home or for the great outdoors, you'll be able to write, forecast, and compute with mammoth power and in real style. Like a PT Boat, this computer moves in fast and does the job while it lets you escape the chains of traditional deskbound PCs.



**DAK INDUSTRIES INC.**

Call Toll Free For Credit Card Orders Only  
24 Hours A Day 7 Days A Week

**1-800-325-0800**

For Toll Free Information, Call 6AM-5PM Monday-Friday PST  
Technical Information. . . . 1-800-272-3200  
Any Other Inquiries. . . . 1-800-423-2866  
8200 Remmet Ave., Canoga Park, CA 91304

# Cure Without a Problem?

Why would you want to have two printers connected to one computer, or two computers connected to one printer?

By Drew Kaplan

Dot Matrix or Daisy wheel is the question. This new industrial printer switcher is the answer. Or, do you buy an expensive printer for each computer in your office, or let adjacent desks share the printer? Look at all that \$49<sup>90</sup> can do.

I use a dot matrix printer for all my drafts, then switch to daisy wheel letter quality for the final letter. All I do is push a button to change printers.

This switcher will allow you to use ANY two parallel printers with your computer.

## TWO COMPUTERS

Printers aren't cheap. And if you think about it, most of the time they sit on your desk, waiting for your next command.

Well, now you can connect two computers to one printer and instantly switch between them. Whenever you or the person you're networking (sharing) with wants to print, just touch the button.



## EASY HOOKUP FOR ANY COMPUTER

Don't touch your computer. Unplug the cable from your printer and plug it into the switcher. Then connect parallel cables from the switcher to your printers.

Both ends have the exact same connector as the cable plugged into your printer. We have them or you can get them at any computer store.

We also have cables to connect your IBM® or clone computers to this



switcher. They have the parallel printer connector at one end and the DB25 connector, pictured below, at the other.



Note: if the connector on your computer has pins sticking out like the picture, you need to order the Female Cable.

If it has holes, then order the Male Connector that's pictured. The other end of the cable is always correct and you don't need to worry about male or female if you're just hooking up two printers.

It is 8½" wide, 5¾" deep and 2" tall. It requires no power. And, it's backed by DAK's standard limited warranty.

## A PRODUCTIVITY REVOLUTION RISK FREE

Whether you want to use two printers as I do or use one printer with two computers, use this heavy duty switcher.

If you're not 100% satisfied, simply return within 30 days for a refund.

To order your Printer Switcher for Two Printers or Two Computers risk free with your credit card, call toll free or send your check for just \$49<sup>90</sup> (\$4 P&H) Order No. 4644. CA res add sales tax.

Parallel to Parallel 6 foot printer cables are just \$12<sup>90</sup> (\$1 P&H) Order No. 4645.

IBM or Clone DB25 to Parallel 6' Printer Cables are just \$19<sup>90</sup> (\$1 P&H). Use Order No. 4646 for Male (pictured). Or, Use Order No 4647 for Female.

# Getting Cable Made Easy

Now you can get cable TV programs on any TV or video recorder in your home without buying a remote control converter or having to hang out in the back of an electronics supply house to figure out what to do.

It's called a block converter. And, most people don't know anything about what it does or how to hook it up.

In fact, unless you're into electronics, you may never have heard of it before. Most block converters have been installed by technicians who knew what to buy, where to get it, and how to put it in.

## DAK MOVES IN

You can literally be enjoying the world of cable on any TV or recorder in your home in less than 10 minutes when you use DAK's \$9 installation kit. Wow!

Anyway, a block converter is really very simple in concept. It captures the cable channels and rebroadcasts them to your TV on its UHF band.

If you have cable now, you'll notice that nothing is hooked to your UHF terminals because all cable is VHF.

## SCARY INSTALLATION?

Just unscrew your cable from your TV. Then screw it into the block converter's input. Then open our \$9 installation kit. Connect one cable between the VHF output of the block converter and your TV and the other cable from the UHF



output to your TV's UHF input.

Ah but wait, UHF inputs on TVs are screw terminals for flat cable, not round cable. Well, we've included the adaptor you'll need. In fact, we've included 2 adaptors so that you can connect a TV that's never been connected to cable.

Then just turn on your TV, switch to UHF and enjoy cable. Note: You should check with your cable company to see if they require a fee. This converter is not an illegal descrambling black box.

## HOW GOOD IS IT?

Because it is rebroadcasting the signal, you can expect between 90 and 100% of the quality you'll get with the cable company's box. And, if you have a TV with remote now, it will work perfectly.

**IMPORTANT NOTE: It converts up to 47 channels all the time. The tuning knob is for fine tuning only.**

It's made by Universal Security Instruments, Inc. And it's backed by their standard limited warranty.

## CABLE TV MADE EASY RISK FREE

You'll especially enjoy making your video recorders or the TV in your bedroom cable compatible. If you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a refund.

To order your Cable Converter/Block Converter risk free with your credit card, call toll free or send your check for just \$29 plus \$2 for P&H. Order No. 4341.

To get your DAK hookup kit consisting of 2-3' cables and 2-75ohm to 300ohm adaptors, add just \$9 plus \$1 for P&H. Order No. 4342.

The truth is that any TV or video recorder can receive cable. And, you won't need to be an electrical engineer.

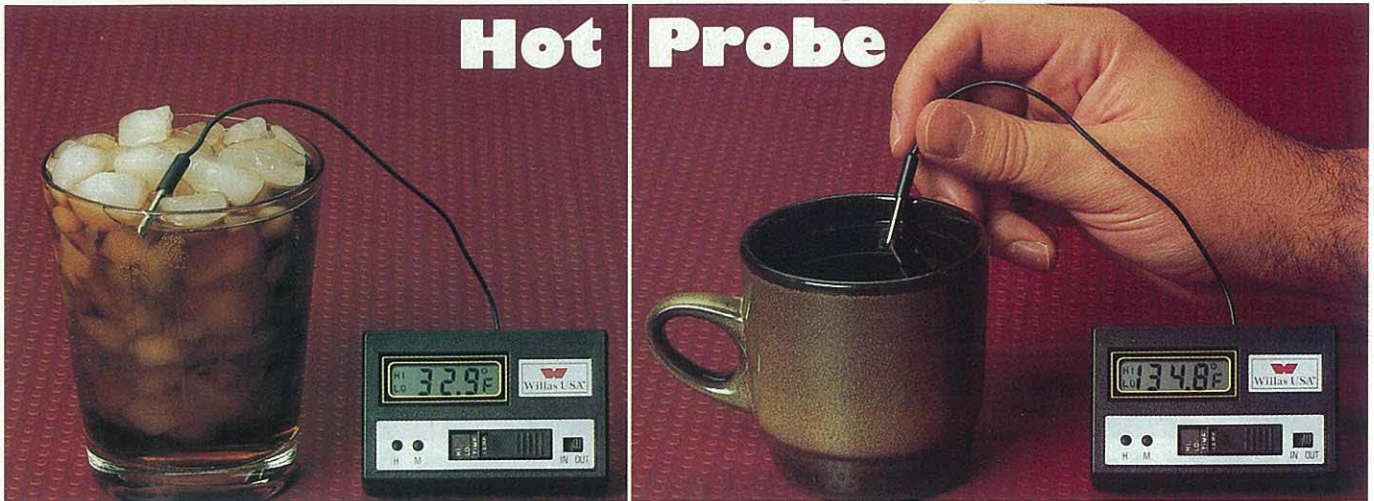
## CHANNEL CONVERSION CHART

CABLE	2	3	4	5	6	A-5	A-4	A-3	A-2	A-1
UHF	36	37	38	40	41	42	43	44	45	46

CABLE	14/A	15/B	16/C	17/D	18/E	19/F	20/G	21/H	22/I	7	8	9	10	11	12	13
UHF	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62

CABLE	22/J	23/K	24/L	25/M	26/N	27/O	28/P	29/Q	30/R	31/S	32/T	33/U	34/V	35/W	36/X	37/Y	38/Z	39/CC	40/DD	41/EE	42/FF	43/GG
UHF	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	

# Hot Probe



**Now you can test your air conditioner, your hot water heater, your wine or your pool. Here's the latest in temperature measuring devices, at a breakthrough price. Plus, you can even set temperature alarms.**

Does the air conditioner in your car need Freon™? Is your refrigerator set for the right temperature? And, just how hot is your hot water?

Now, with the all new Hot Probe Temperature Sensor from Willas, you can check the temperature of virtually anything from your Jacuzzi, to your aquarium, to your attic, in 1/10 degree increments.

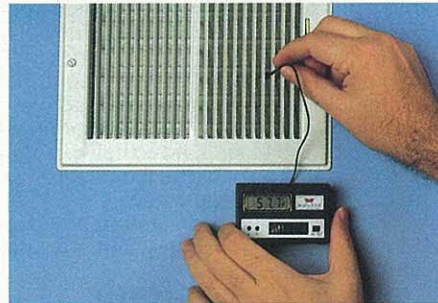
You can measure anything from 0°F to 160°F. The Hot Probe has an attached probe that stretches out to 10". Plus, it has an internal sensor to measure the ambient (surrounding) air temperature.

Now you can measure the temperature drop of your car or home air conditioners. (That's the difference between the room air temperature and the temperature of the air coming out of the duct that's measured by the probe. See picture.)

The extra large LCD display is exceptionally clear. And, because it never shuts

off, it's the perfect room air temperature sensor for your desk or night stand.

If you're like me, you'll be checking the



temperature of everything from your coffee to your bath. When I measured the output air from my typesetter that I use to make this ad, I found it was 107°F.

It's not supposed to be above 90°, so I installed a fan. The Hot Probe might

have just saved me a bundle of money.

## TEMPERATURE ALARMS

Because of the experience with my computer, I got the manufacturer of the Hot Probe to add temperature alarms. You can set alarms to sound if the temperature rises above or drops below any temperatures you have selected.

It operates on one AAA battery (not included) and it's backed by Willas's limited warranty.

## TRY THE HOT PROBE RISK FREE

If you're not 100% satisfied, simply return it within 30 days in its original box for a refund. To order your Hot Probe Sensor risk free with your credit card, call toll free, or send your check for only \$29 (\$3 P&H) Order No 4330.

You may not save an expensive computer like I did, but if your air conditioner is low on Freon™, you might just save your compressor. It's a neat device.

# Audio Telescope

**Pick a voice out of a crowd or a sparrow's song out of a tree with this super-directional shotgun microphone**



It's tough. If you've ever tried to record a singer while you're sitting in the audience, or a conversation from across the yard, you know that your microphone seems to pick up everything but what you want to record.

Now you can record a lecture from the back of the room or a bird's chirp from across a field.

The sound will be crystal clear with a wide full frequency response from this incredible super-directional electret condenser microphone.

Electret condenser microphones cap-

ture sounds never before possible outside the recording studio. By using battery driven circuits, these microphones can use a more sensitive sensing membrane to capture sound vibrations.

Very little mass must be moved, so these new mikes are incredibly sensitive. The Audio Telescope is powered by one AA battery (not included).

It comes with both a conventional mike stand mount and a stand. And, it's great for video recording.

The microphone itself is totally isolated from the stand by polymer O-rings.

So, it actually floats. It will not pick up motor noises or vibrations.

It is 17" long and comes with a full length foam wind screen. There is a mini phone plug for video camera use, plus a 20 foot mike cable with both mini and 1/4" plugs for conventional professional recording. It's backed by a manufacturer's standard limited warranty.

## TRY THE AUDIO TELESCOPE RISK FREE

Record lectures, concerts or nature, risk free. If you don't feel you've made totally professional recordings, simply return the Audio Telescope in its original box within 30 days for a refund.

To order your Audio Telescope risk free with your credit card, call toll free or send your check for only \$69<sup>90</sup> plus \$4 for postage and handling. Order No. 9736.

You'll be able to make superb recordings that were never before possible.

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For credit card orders call 24 hours a day 7 days a week  
**CALL TOLL-FREE. . . 1-800-325-0800**  
8200 Remmet Ave., Canoga Park, CA 91304



# Surround Sound & More Explained

*Journey into space, down mountains or through meadows as you sit in front of your TV. Now the bigger than life sound of a movie theater thunders into your living room. Wait till a space ship warps right through your couch!*

By Drew Kaplan

It's awesome. Cars will race out of your TV and through your room. You'll jump because gun shots are so real. And, if you're walking through a meadow, you'll hear crickets and birds **all around you**.

This is just the tip of the iceberg of the effect that you can expect when you connect this Surround Sound Processor, complete with amplifiers and 4 speakers, to your stereo VCR or even monaural VCR.

## WHAT IT IS

There's just no two ways about it. You are right in the middle of the action. If you're watching an avalanche, you're in it. And, if there's a storm, you'd better get your rain coat.

This new Surround Sound Processor takes the stereo signal from your VCR (read on for monaural) and produces dramatic sound through its two front, shielded 2-way speaker systems.

Well, big deal. That's what you get from stereo. Ah, but hold on to your chair. Because, virtually all movies made in the past 5 years, have Dolby® Stereo Surround Sound encoded on them. **Note:** Most tapes just say Dolby® Stereo.

When you are at a theater, Surround Sound infuses movies with life. Now you can decode Surround Sound at home too.

The Surround Sound signal is obtained

by matching the Left and Right Channel Phase relationships and sending the difference to the rear. Engineers create these phase differences to provide special effects from the rear and sides.

Plus, you'll have variable rear delay so you can make a 10' by 15' room sound like a meadow or even a football stadium.

So, unlike stereo where things move only from side to side, now they can also move from front to the back or even diagonally across the room.

There's absolutely no limit to the locations in your room from which any specific sound can come.

## FIRST FOR STEREO

Switch in Surround. You'll hear laser blasts from the left, applause all around you, or a freight train approaching you from the rear. Watch Out!

You'll thrill to these effects from video cassettes, stereo cable, or stereo TV. If the movie you are watching doesn't have Surround, switch to 'Stereo'.



The processor will create a powerful version of Surround. Plus, you'll have the rear ambiance and movement cues.

There's a third stereo button called

'Music' that is designed to add only ambiance to the rear, for musicals.

## BUT IS MONAURAL DEAD?

You haven't been left out. There's a fourth switch which infuses your monaural VCR or TV station with resounding life.

It's a highbred stereo synthesizer. First it synthesizes stereo for the front speakers. Then it synthesizes rear channel action effects. Add the variable ambiance delay and you'll have excitingly rich, vibrant sound and movement around you.

It won't have the precise location detail of the Surround Signal itself. But don't despair. If you don't have a stereo deck for direct comparison, you'd swear that you had real Surround Sound.

## EASY INSTALLATION

It's easy. Just put it on top of your VCR or TV. Then connect the audio output(s) from your monaural or stereo VCR to the decoder. **And look at this.** You can switch between two video sources.

The rest of the installation consists of hooking up the 4 speakers. Put two in front and two to the side or rear (wire included) and get ready for a thrill.

## ALL THE CONTROLS

You can select input 'A' or 'B'. And, you can select Surround Sound, Stereo, Synthesized Stereo or Music.

There are master volume, balance, bass and treble controls. And, there's a special rear effects level control.

You'll be amazed by the massive sound these specially sealed acoustic suspension speakers produce. The system is made by Universal, and it's backed by their standard limited warranty.

## EXPLODE YOUR CONCEPT OF VIDEO RISK FREE

From stereo or monaural tapes, cable or TV broadcasts, the experience is astounding. If you aren't 100% enthralled, simply return it to DAK within 30 days in its original box for a courteous refund.

To order Universal's Video Surround Sound Stereo decoder and enhancer that will explode your concept of the capabilities of home video risk free with your credit card, call toll free or send your check for DAK's breakthrough price (including all 4 speaker systems) of just **\$199<sup>90</sup>** (\$12 P&H) Order No. 4690. CA res add tax.

Move from one or two dimensional video viewing to live, center of the action, thundering, 3 dimensional video sound.







# Thunderstruck

*It's like riding a roller coaster. You never know what to expect next. About the only thing you can be sure of is that you'll have great sound from this magical new deck. It's yours for just \$149<sup>90</sup>, with no catch.*

By Drew Kaplan

It's no secret. You can see that it's a double deck for dubbing. You can also see that it features auto reverse for non-stop entertainment.

And, you can even see that it has high speed dubbing for expanding your tape collection or making tapes for your car or personal stereo.

But, what you can't easily see is what you're going to get when you add up all these sophisticated innovations and then throw in some surprising extras.

## STRANGE EGG

And speaking of strange extras, what would you think of being able to listen to two tapes at the same time. It's great for mixing vocals, but it's a feature that I've never seen before.

But, let's look at some everyday useful features that make this deck totally unique and superbly useful. Of course, it has a frequency response to 17,000hz, so whatever you do will really sound great.

First, let's just listen to a tape. Just put the tape in deck '1' and activate the 'soft touch' play button. Well, that's really too simple. Let's listen to song 3 on side two of the tape.

This deck features forward and reverse APSS. Just touch forward APSS and the deck will locate the beginning of the next song on the tape and start playing.

If you'd like to skip the rest of the song or continue skipping songs, just press forward APSS. If you're listening to a song you'd like to hear again, just touch reverse APSS. The deck will locate the beginning of your song.

Since APSS locates the beginning of each song on your tape, this feature will make it really easy to choose the exact order in which you want to copy songs. APSS even allows you to have the deck pause at your song.

If you noticed above that I said song 3 on side 2 of the tape, it must be clear that this is an auto reverse deck and that APSS will search both sides of the tape.

When you're playing a tape, the deck will reverse automatically at the end of a cassette, or at any time you touch the 'Tape Direction Button'.

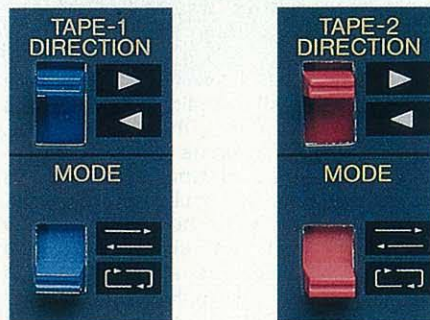
## JUST THE BEGINNING

Just imagine listening to both sides of a cassette and then having a second cassette start to play both sides on and

on, forever. Well, this deck features sequential play between its two decks.

So, you can listen to 3 hours of **un-repeated music** from 2 standard 90 minute cassettes. Then, the second deck will keep repeating, forever.

Both decks give the option of conventional one-way play or continuous play. Now you can have uninterrupted music while you work or while you relax. **And, isn't that what enjoying your music is all about?**



## AND OH, DOES IT RECORD

Imagine putting a recorded tape in deck '1' and copying BOTH SIDES automatically. Well, with Sharp's new deck, that's exactly what you'll do.

You can copy **both** sides of a pre-recorded tape onto a **single** side of a 90 minute cassette automatically. (Both decks can reverse totally independently.)

You can duplicate at normal or high speed. So, you can make copies in half the time of both sides of your cassettes.

This deck has electronic high speed dubbing. Each of its decks has 2 capstans for rock stable tape transport. About the only thing this deck doesn't have is Dolby C. But with its 66db signal to noise ratio with Dolby B, it sounds great.

**Note:** When you copy tapes, you turn off Dolby. If the tape is already encoded with Dolby B or C, the copy will be identically encoded as well.

**Add Sound On Sound.** If you sing, this is the deck for you. Here's what you do. You can play a music tape on deck '1', plug in a mike and sing along while you record everything on deck '2'.

Or, if you're really into professional applications, look at this. Plug in a mike and record your own voice on deck '2'.

Then play the tape back on deck '1' and

copy the tape onto deck '2'. While the tape is being copied, you can add yourself singing harmony. In this way, you can be a duet, a trio or even a chorus.

## ROUND AND ROUND IT GOES

It goes forward. It goes backward. And, it goes round and round. Just wait till you see this recorder in action.

You'll sit mesmerized as one tape stops and the other starts. Then it reverses and goes back and forth and back and forth. Are you getting sleepy?

Except for the occasional click as this machine changes decks or reverses direction, nothing will disturb your music for as long as you want with this incredible new deck.

Each deck has its own equalization switches to match tape type. Each deck has full play, pause, and reverse controls. Deck '2' is the deck that records.

The deck is 17" wide, 4 $\frac{3}{4}$ " tall and 9 $\frac{3}{4}$ " deep. It's backed by Sharp's standard limited one year warranty.

## BE THUNDERSTRUCK RISK FREE

Wait till you hear the clean pure music that this deck will produce. Wait till you get your hands on its solid controls. Wait till you enjoy uninterrupted hours of your favorite music from two different cassettes. And finally, wait till you copy both sides of cassettes automatically.

If you're not 100% satisfied, simply return this deck in its original box within 30 days for a courteous refund.

To order your Sharp Dual Cassette Deck with High Speed Dubbing, Sequential Automatic Play, Dual Auto Reverse, and much more, call toll free, or send your check for DAK's breakthrough, no catch, price of just \$149<sup>90</sup> plus \$6 for postage and handling. Order No. 4521. CA res add tax.

Sure it's fancy. Sure it does just about everything but fly. But, what you'll really love is the sound quality and the musical freedom you will enjoy from now on.



TOLL-FREE ORDER LINE

For credit card orders call 24 hours a day 7 days a week  
CALL TOLL-FREE. . . 1-800-325-0800  
8200 Remmet Ave., Canoga Park, CA 91304

# Ion Tidal Wave

*Like the awesome thundering power of a tidal wave, negative ions will wipe pollution out of your environment. And like the rising and falling tides remove pollution from the beach, your environment will be kept pollution free.*

Nothing stands up to the mighty force of a tidal wave. And when the wave recedes, it takes everything with it.

And like the mighty suction of the receding ocean waters, pollutants in your air, from smoke to pollens, will succumb to the power of the Ion Tidal Wave. Here's how it works.

## IN AND OUT

First the mighty wave strikes. The force of this wave's wall of water consists of one trillion negative ions per second.

Being negatively charged, the ions attach themselves to any positively charged particles in your air. Pollutants such as cigarette smoke, pollen, smog, car exhaust and insecticide dust, all have positive charges. So, the negative ions are drawn to them like magnets.

Then the awesome wave of negative ions stops. The negative ions, complete with the attached pollutants, start drifting to your positively charged walls, ceilings and floors.

**But wait.** Just as the ocean reclaims the water that it so forcefully delivered in a tidal wave, the base of the Pulsair becomes a powerful positive collector and sucks the ions, with the pollutants attached, back to itself.

So, instead of falling to the floor or sticking to your walls, most of the pollution is pulled back to the Pulsair. Just like the rising and falling tides, your environment will be cleansed by the action of the ion wave.

If you want to see an ion generator remove smoke, here's an easy test. Place a standard clear kitchen bowl over the ionizer. Puff some cigarette smoke into the bowl. Then plug in the ionizer.

Before you can say, "Pulsair Kill", the smoke will be totally gone. It's an easy test and it's sure to make you a believer.

You'll get a graphic example of just what will happen to pollen, smoke and other pollutants in your environment.

## BIG BERTHA OF GENERATORS

Pulsair is the third generation of ion generators. First there were simple generators that generated negative ions.

Negative ion generation is used in hospital burn wards and computer chip manufacturing to remove microscopic particles that can adversely affect patients and chips alike.

These ion generators worked fine. In fact, they worked so well that your walls became black from the particles they removed from the air.

In my opinion, black walls are a lot better than black lungs. But they worked so well, that consumers complained.

Then came bipolar collectors which sent out ions and concurrently collected them in the base. (We still sell one that works great for just \$39).

Your air could be cleaned, your walls didn't get too dirty and everyone was happy. The only negative was that the ions couldn't go as far because they were being pulled back by the collector even as they were sent out.

**Enter Big Bertha.** Pulsair is different. It is bipolar, but it operates just like the ocean's rising and falling cleansing tides.



By sequentially sending out a massive wall of negative ions, then shutting off, and finally turning on its collector, a massive constant circulation of ions occurs that cleanses your room like never before.

Minute by minute, hour by hour, day by day, the sequence continues. First a massive wave of ions is sent out. Then seconds later, it's sucked back to the collector. You can't hear it. You can't feel it. But, watch the smoke disappear.

## CIGARETTE BUTTS & BOULDERS

Fans with charcoal or furnace type filters may remove some large particles like cigarette butts and large ashes from the air. But, they're just about useless for anything under 5 microns.

Over 90% of air pollution particles are smaller than 5 microns. So, there just isn't any other reasonable defense for you other than a negative ion generator.

Pulsair is just about the only air cleaning system which can remove and collect tobacco smoke, dust, pollen and even bacteria from the air.

**Pulsair constantly cleanses all of the air throughout its tidal area. In contrast, fan driven filter type machines can only clean the air that they actually draw through themselves.**

## NOT A NEW IDEA

Actually, the negative ion manufacturers didn't think of this great way to clean the air. God did.

If you've ever smelled the sweet country air after a thunderstorm, or near the breaking surf at the beach, you know the invigorating feeling that comes over you.

Pulsair does for a 250 square foot area, what Nature does for the entire countryside. It seems that positive ions

are associated with pollution and negative ions with good fresh natural air.

There are lots of claims that a negative air ionizer will let you think more clearly, sleep better and feel happier.

There's no way to prove or disprove the claims. But, it is safe to say that if all these things come from cleaner, pollution free air, it just may be possible.

A removable, washable filter comes with Pulsair. You just rinse the filter when it gets dirty. And wait till you see just what Pulsair removes from the air before it gets into your lungs.

It is 6" tall. It's made by ISI, an innovator in negative ion technology. And, it's backed by their standard limited warranty.

## A CLEANSING TIDAL WAVE RISK FREE

Make the smoke test. Let it wipe out the pollution (like other people's cigarette smoke) in your home or office.

If you don't think you're breathing cleaner fresher air, simply return it in its original box within 30 days for a refund.

To order your Ion Tidal Wave Negative Ion Generator with your credit card risk free, call toll free or send your check for just \$89<sup>90</sup> (\$4 P&H). Order No. 4633.

I can't guarantee that it will help you sleep, solve crime, or improve your sex life. But it's tidal surges will give you cleaner air to breathe, and that's priceless.



**DAK INDUSTRIES INC.**

Call Toll Free For Credit Card Orders Only  
24 Hours A Day 7 Days A Week

**1-800-325-0800**

For Toll Free Information, Call 6AM-5PM Monday-Friday PST  
Technical Information... 1-800-272-3200  
Any Other Inquiries... 1-800-423-2866  
8200 Remmet Ave., Canoga Park, CA 91304



# No Button Chess

*Just follow the blinking lights for the most challenging game of your life. There are 8 levels. It's fully automated. And, wait till you see the price.*

It's you against the computer. Chess comes alive with the latest breakthrough in computer technology.

There are no more bothersome buttons to push and complicated calculator displays to decipher. This computer uses 'sensor technology' to interpret what you have done, and simply lights 2 LEDs to tell you what it wants to do.

It's the newest version of 'follow the bouncing ball'. Now it's follow the blinking light. So, let the war begin!

It's smart. It has 8 levels of difficulty and its brain is an 80C50 Processor running at 6 megahertz with a memory capability of 32,000 bits, so you better come out fighting.

## SIMPLE TO USE

Notice that I said, "simple to use", not simple to beat. Using this computer is incredibly easy. Just move your man. The computer will know exactly what you've done.

Then it's the computer's turn. Two LEDs will light to show you the man the computer wants to move. Then two more light show you where to move the man.

It's simple. It's easy. And, there are no buttons to push. You can concentrate on the game, not on the computer.

## BUT, THERE ARE BUTTONS

The only buttons you really need are the on/off switch and the new game button. But, look at this.

**There's help.** Just touch a button, and the computer will join your team. It will pick your best possible move. A second button touch will send its brain back to pick its best response.

**You can cheat.** Let's say you make a really dumb move. After you see what the computer is going to do to you (hor-

rors, you've lost your Queen), you make the computer take back its last move and then you can take back yours.

And that's not all. If you're the type of person who says, "If I only had my Queen back, I could beat this thing," no problem. You can add back in any piece anywhere, with the push of a button.

**But there are limits.** This computer won't let you make an illegal move. And if you move its man to the wrong location, it emits an unpleasant sound and flashes the lights re-showing you where it wants to go. So, what could be easier?

**There's more.** You can do a lot with the powerful brain of this computer. Not only can you add back in a piece you lost, you can take one of the computer's away. Plus, you can set up a classic game in mid-play to see how you would do.

This computer does everything a chess master would do. It castles, it has pawn promotion and en passant. So brush up, you'll have to play your best.

Even level one is a challenge. I can't beat this computer at level 4. And, I don't even want to talk about levels 5, 6, 7 and 8. And here's a nice extra.

You won't have to wait for the computer. With its super fast 6 megahertz speed, it thinks while you're playing (I think it knows what you're going to do).

It reacts in 5 seconds on level 1, 30 seconds on level 4 and so on. See if your brain can keep up with this computer.

## WOW, IT'S REAL CHESS

But, when all is said and done, playing chess is what it's all about. And this game is very smart, very tough, but incredibly easy to use. Every move is even audibly confirmed.

It is only 10½" X 11" X 2½". The com-

batants are magnetic and the King stands 2" tall. Using the newest IC technology, this computer operates for more than 500 hours on 4 C batteries.

So, this chess player goes where you go. And, with more than 500 hours of battery life, you don't even need to buy an AC adaptor.

It's made in the United States (isn't that a change) by Fidelity Electronics. They are the largest and best known of the chess computer manufacturers. And, it's backed by their limited warranty.

## TRY NO BUTTON CHESS RISK FREE

If you like a challenge and your ego is strong enough to withstand losing to a computer, why not play just one game.

If you aren't 100% satisfied, even if you just lose too often, you can return this computer within 30 days in its original box for a courteous refund.

To order your Fidelity No Button Chess Computer risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$69 plus \$4 for P&H. Order No. 4306. CA res add 6% sales tax.

Whether you're a novice or a master, one of the 8 levels is sure to keep you humble. Chess taxes intelligence, not reflexes, which is why it's always been a game of Kings and Diplomats.



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# People Trackers

*If you have trouble keeping track of your secretary, your boss, your foreman or your children, let Maxon's Industrial People Tracker System let you talk to them, up to a 1/2 mile away. Plus, it's great for cars.*

By Drew Kaplan

I can never find my secretary. My children always seem to vanish just about dinner time. And yes, I never seem to be at my desk when a call comes in.

Well, now Maxon's new 5 channel (all included) 49Mhz industrial dual conversion superheterodyne People Tracker lets us all keep in touch.

There are two conventional belt clip beeper style communicators which not only let you be beeped, they give you full two-way communication.

There's also a base station (the only piece that plugs in) for your secretary's desk or the kitchen sink. Since there are 5 separate channels, up to 5 totally separate systems can be in use at once.

Or, one desk unit can 'Page' and talk to any of the 5 channels. You can also talk between portable units when they are switched to the same channel.

So, if you are channel 2 and your foreman is Channel 4, just switch to 4 if you want to talk to him. It's really easy and you can mix and match this system to meet your needs.

And speaking of needs, if you need hands free communication, there's even a 5 channel headset model (only one ear is covered for safety), which is great for use on forklifts and trucks.

Now they can be maneuvered without yelling and contorted hand signals. Anything that requires hands free communication is now possible.

## AT HOME

This system is simply a lifesaver at home. Besides the obvious safety feature of being able to locate your children, you're never out of touch when you're working 'the back forty' or walking the dog around the block.

While you really may not need 5 channels at home, the rugged industrial dependability of these units makes them ideal for setting up antennas and summoning help when you're working on a project. And, if anyone's ever followed you in a car, you'll love this system.

Of course, my kids don't care much about security. They think Maxon's system makes great 'Walkie Talkies'. But, when the call goes out, "Earth to the boys. Dinner is ready", they do show up.

## AT THE OFFICE

It's true. It seems that whenever I buzz my assistant, she's not at her desk. I've threatened to tie a bell to her. But now I just touch a button, and no matter where she is in our 64,000 square foot facility, I'm in contact.

We have a PA system too. But first, a PA system is only one-way communication and she has to go looking for a phone to answer a simple question.

Second, we have 3 separate PA systems, and if I knew where she was, I probably wouldn't have to page her in the first place. And third, I guess I'm shy about constantly paging her.

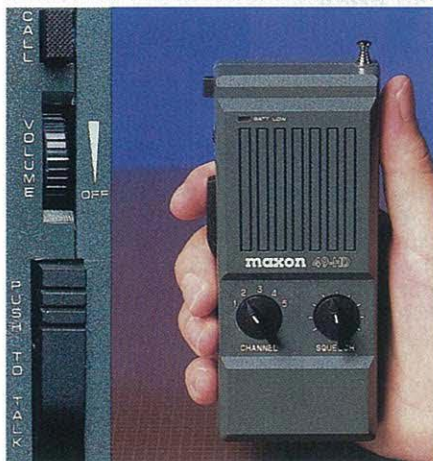
So no matter whom you need to communicate with in your office or in your factory, this 5 channel system will give you full 2-way communication.

## AT PLAY



If you hunt, fish or ski, you can now have clear, clean communication with your partner(s). It can even be used for neighborhood watch security. Now you can have house to house wireless communication, wherever you are.

So, for whatever reason you need to communicate, this system will be on your desk, at your side, or on your ear.



## HOW IT WORKS

This system is no toy. When you touch the Talk button on any of the units, you engage a **virtually noise free** quartz crystal locked dual conversion superheterodyne communications circuit that operates on the 49Mhz band.

With its FM modulation, it won't sound like a CB or an AM radio. You'll speak and hear with great power and clarity. And, you shouldn't be bothered by any other radio transmissions as you are with CBs and Walkie Talkies.

The transmission output is a full RF of 10,000uV/m @ 3 meters max. No FCC license is required.

All units are totally interchangeable, sound identical and will both transmit to and receive from each other. They are industrial units made by Maxon, a pioneer in professional 2-way equipment. They're backed by their standard limited warranty.

## TRACK YOUR PEOPLE RISK FREE

You'll find you have the convenience of a beeper, but with full two-way communication capability.

With the range of up to 1/2 mile, you should be able to keep track of anyone in your office, factory, construction site or neighborhood. If you're not 100% satisfied, simply return it in its original box(es) for a courteous refund.

To order a Maxon Industrial People Tracker Communications System to fit your needs, call toll free or send your check for the models listed below.

A Base, complete with 5 channels, powered by AC is just **\$49<sup>90</sup>** plus (\$3 P&H). Order No. 4530.

A Hand Held Communicator with 5 channels, powered by 4 AA batteries is just **\$49<sup>90</sup>** plus (\$3 P&H). Order No. 4531.

A Headset Communicator with 5 channels, powered by 4 AA batteries that has VOX (Voice Activation so your hands can be free) is just **\$49<sup>90</sup>** plus (\$3 P&H). Order No. 4532.

A Hand Held One Channel Communicator (It has the same sound quality), powered by a single 9V battery is just **\$29<sup>90</sup>** plus (\$2 P&H). Use Order No. 4533 for Channel 1, Order No. 4534 for Channel 2, and 4535 for Channel 3.

Any Communicator on the same channel can communicate with any other. Base Stations are not required. Use where AC or desk use is desired. At least 2 communicators of any type are required.

Now you can go where you want and still be in communication. Now you won't have to yell for your children, your secretary or your forklift driver. Forget paging and beeping. Now you can communicate from up to a 1/2 mile away.



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24 Hours A Day 7 Days A Week

**1-800-325-0800**

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information. . . . 1-800-272-3200

Any Other Inquiries. . . . . 1-800-423-2866

8200 Remmet Ave., Canoga Park, CA 91304



# Time Treasures

Here are watches that travel to the board room, around the world, and to the bottom of the ocean. Electronic quartz makes them accurate, fine craftsmanship makes them reliable, and great designing makes them fashionable.

By Drew Kaplan

First a confession. I've been wearing one of Innovative Time's sophisticated Pulse Watches for a couple of years.

If you've been reading my catalogs, you know that I'm into function, not fashion. But, I am a diver.

And, when I saw these new Fashion Dive watches, frankly, they knocked my socks off. Plus, I'm not alone, because these styles have become the latest in fashion dress watches.

The 2 watches pictured at the top left of the page are water resistant to 660 feet. Both the men's and the smaller women's models have moveable, ratcheted time ring bezels for accurate bottom time or any timing measurements.

Their lavish stainless and gold-tones are truly stunning. The bands and watch bodies are crafted of solid stainless steel for years of great looks and rugged use. And, they have analog movements which

treasure at just \$49<sup>90</sup>.

## MILITARY TRUCK STOP

From elegant, we move to explosive. (Left) This black watch is built to withstand anything short of an explosion.

It is water resistant to 1625 feet. We've even rolled a truck over it. If you want a digital watch that can really take abuse and still work flawlessly, this is your watch.

It's a large watch. It won't hide on your wrist. It has all the digital features, including Time, Date, Day, Alarm, Light and Stop Watch Functions with Lap Timer. It has a 2 year battery in place.

But this watch's real claim to fame is its virtual indestructibility. It's built like a tank. It's yours for an incredible \$29<sup>90</sup>.

## THE FORTRESS

From indestructibility, we move to a truly elegant fortress. This fortified yet elegant super analog watch is dramatic.

It's very large. It has a protected rotating contrasting bezel for timing.

And its combination of black, gun-metal grey and gold-tone, set it apart from any watch I have ever seen.

It's a man's watch extraordinaire. If you have a small wrist, forget it. But, if you can wear it, this watch makes the ultimate power statement. It's as classically beautiful as it is totally masculine.

Its quartz analog movement, with 2 year battery in place is protected to 900 feet. And, its impressive looks, with luminous hands, will stand out anywhere. It's an incredible value for just \$49<sup>90</sup>.

## WORLD TIME CLASSIC

Here's a truly refined elegant watch. It's also very smart. Not only does its analog movement boast electronic quartz accuracy with a 3 year battery, but it displays world time as well. (Right)

While the conventional minute, hour, and second hands show you your current time, the moving circle within the face shows the time anywhere on earth.

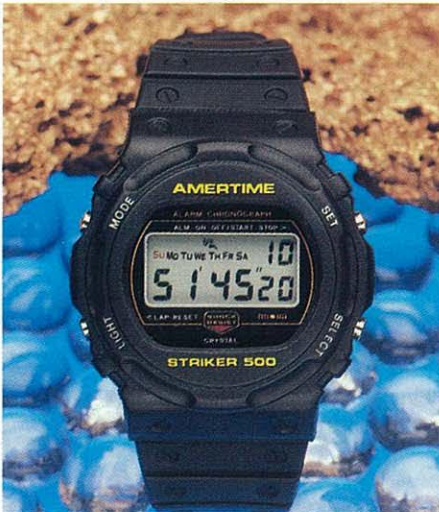
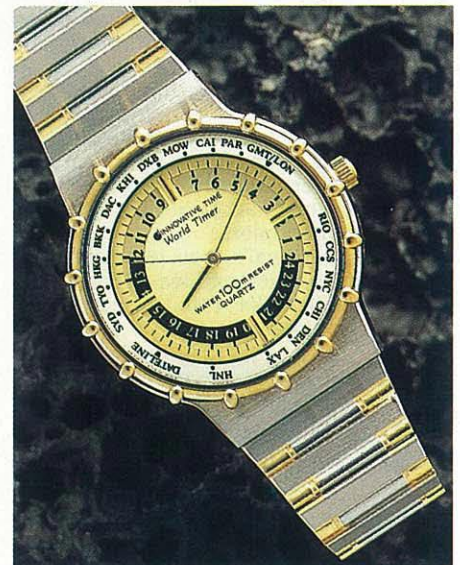
Just adjust the rotating outer bezel so that the I.D. for your time zone matches the inner wheel, and then every city/time zone will be displayed. But to be honest, I just like its classic good looks.

It's water resistant to 330 feet. Here's pure elegance for just \$69<sup>90</sup>.

All these fine watches come with a one year standard limited warranty.

## CHOOSE YOUR TREASURE RISK FREE

I'm awed by what's happened to watches this year. Whichever one you choose,



are precisely controlled by a quartz crystal, and powered by a 2 year battery.

These elegant analog timepieces show the date, have second hands, plus luminous hands and numeral markers.

They are terrific looking and a real

you'll have superb quartz accuracy, elegant good looks, and great utility.

If you're not 100% satisfied, simply return the watch in its original box within 30 days for a courteous refund.

Order your choice(s) risk free with your credit card, or call toll free.

**The Executive** (upper left), is just \$49<sup>90</sup> (\$3 P&H). Use Order No. 4658 for the Man's or Ord. No. 4659 for the Woman's.

**Explosive Military toughness** is yours for just \$29<sup>90</sup> (\$3 P&H). Ord. No. 4810.

**The Fortress** (upper right), is just \$49<sup>90</sup> (\$3 P&H). Order No. 4809.

**Elegant World Time** is just \$69<sup>90</sup> (\$3 P&H). Ord. No. 4663. CA add tax.

Elegant good looks and great utility are now available for the boardroom, the ocean, or wherever you choose to go.

# The \$599 Plain Paper Muncher

Royal is out to take over the plain paper copier field with a barrage of features and reproduction quality that's equal to DAK's \$3000 copiers. At home or at the office you can now have superb copies on plain paper for \$599.

By Drew Kaplan

It was my first luxury. I rented a Xerox machine for my office at home. Every time I made a copy of a letter or a magazine article, I felt successful.

My wife copied recipes and a never ending series of school projects for our kids. I could copy checks, tax returns or receipts. But, it cost me \$100 per month for the rental, plus a charge per copy.

## ROYAL BLASTS PRICES

Well, now at home or in my own office at DAK, I can make perfect copies of letters, documents and even pictures from magazines with Royal's all new plain paper desk top copier.

I use the same paper I used with my Xerox. I can even use DAK letterhead. And, I can even copy on both sides.

This copier lets me keep plain paper in its cassette paper holder (on the right) and I can feed different paper like DAK letterheads or the back side of a page I've just copied into the left side.

Frankly, it makes just as good copies as DAK's main \$3000 copiers. In fact, because it's only 14 1/8" wide, it sits on my desk, so I use it most of the time.

I do get up and use our main copiers when I have to enlarge or reduce something. And I use our main copiers when I copy large computer reports. Royal's copier only copies 8 1/2" by 11" paper.

You can make up to 79 unattended copies at the rate of 10 per minute. And here's something I really like.

All of our main copiers turn themselves off after about 7 minutes of inactivity to save energy. Well, so does Royal's.

But Royal's does more. When you turn it on, it takes 30 seconds to warm up before you can make your first copy, as do our main copiers.

But with Royal's, you just touch the copy button twice and leave. In 30 seconds it will make 1 to 79 copies for you automatically.



lighten up for colored backgrounds. This copier simply produces identical quality 8 1/2" by 11" copies to DAK's main office machines. Wow!

So, if you don't need to copy 11" X 14" computer reports or enlarge or reduce your originals, there's simply no reason to spend more than \$599.

If your family is like mine, a day won't go by that you won't use this copier. My wife copied the text of my son's speech. I made a copy of a disputed bill. And there's so much more.

My son borrowed a book for a report and copied 20 pages. We had to send a copy of our cancelled check for a house payment. And, I copied a poem from a book for my son to learn.

At the office we have several large

which is a major cause of service, is user removable. Just turn one thumbscrew and pull it out. A new drum assembly, complete with rollers that you simply slide in yourself, costs just \$79<sup>90</sup>.

So if yours goes bad, Royal figures it's good for about 2 years if you make about 400 copies per month, just slide in a new one. Everything else can be cleaned.

So, with Royal you can forget typical service problems. It's backed by Royal's standard limited warranty.

## MAKE PERFECT COPIES RISK FREE

I love having a copier. I make copies of things that I file so I don't lose the originals. I never have to get in the car when I need a copy of a document at home. And, I don't need to leave my own office to make a copy when I'm at work.

If you're not 100% satisfied with the perfection of the copies or the ease of use, simply return it to DAK in its original box within 30 days for a refund.

To order your Royal Plain Paper Copier complete with a toner cartridge and with Both Sides Copying Capability, and the ability to Copy Books and Magazines risk free with your credit card, call toll free, or send your check for just \$599 (\$18 P&H) Order No. 4434.

Extra 2500 Copy Black Toner Cartridges are just \$49<sup>90</sup> (\$3 P&H). Order No. 4435.

Now, every small business, every Doctor's office, every hard working executive and every home can have a plain paper copier. Wow, it's so great to have.

Xerox is a registered trademark of Xerox Corporation.



## SAME METHOD

Just like our other office copiers, this machine uses a photoconductor drum and dry toner. What's really nice is that the toner comes in a slip-in cartridge.

The inexpensive toner cartridge will provide you with up to 2500 copies.

And by inexpensive I mean \$49<sup>90</sup> which works out to about 0.019 per copy. And look at this, because Royal's copier uses dry toner, it won't dry out. So, if you make 10 copies a month or 500, just turn it on and it's always ready.

So, at your desk you'll copy letters without walking half way across the building and at home you'll copy letters, school projects, newsletters and recipes.

## HOME OR OFFICE

You'll love the quality. As you can see on the control panel, you can not only select the number of copies you want, you can alter the intensity.

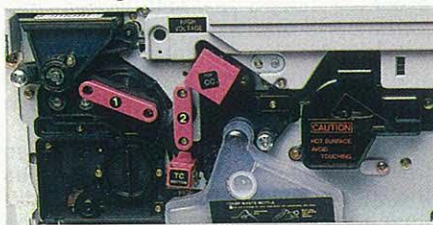
You can make dark solid copies or

expensive copiers. But, we have a 64,000 square foot building. I can buy 5 of these for the cost of one standard machine.

And, since the copy quality is identical, several departments are putting them in. They're thrilled and I'm happy because they'll save time (which is money for me).

## THE UGLY SERVICE PROBLEM

Well, it had to rear its ugly head. Everyone knows that copiers need service. But Royal has made a quantum leap in eliminating most service.



The dreaded photoconductor drum

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# a rose by any other name

*It's the sweetest phone that this writer has ever used. From its elegant good looks to its elegant sounding speakerphone, it's a class act. And, it remembers and dials up to 200 numbers by THE NAME of the person you want to call. Plus, it's now available in ivory and 1-line models too.*

By Drew Kaplan

It's not red. And it has no aroma. But it is definitely a rose amongst the thorns. Here's an all new name dialing 2-line conferencing speakerphone that will revolutionize your concept of telephones.

As president of DAK, I've tested hundreds of phones. Some are very good and you will find them in DAK's catalog. But, I've never used a better sounding, more useful phone, at home or at the office, than the phone pictured above. Let me tell you some of the reasons why.



## FIRST, IT DIALS BY NAME

I hate having to remember phone numbers. With this phone, all I do is push the 'H' button when I want to dial Home. The 'D' button dials DAK. And, the 'I' button dials my insurance broker.

Most other dialers make you remember location numbers, such as '26' for 'Mom'. So, you're really just substituting one number for another. Now, all I need to remember is the person's name.

Where I have more than one name that begins with the same letter, I can scroll through the names before it dials, or enter just the first 3 letters. So, if I want to dial Howard instead of home, I push 'H', 'O', 'W'.



It's quick, it's easy and you'll never have to remember or look up and dial anyone's number again. Each memory location can hold up to 32 digits and you can store up to 200 different names. It has a memory capacity of 4096 digits.

You can store your Sprint and MCI codes with the person's name, in a separate location that the phone automatically accesses as it dials, or totally separately so that you can automatically access the service and then dial a number manually.



And speaking of manual dialing, you don't even have to push the speakerphone button to dial. When you touch the first number on the dial, the phone automatically seizes the line, turns on its speaker, and you have on-hook dialing.

So, you never have to lift the receiver or activate the speakerphone unless someone answers the line.

## FORGOTTEN HANDSET

This phone has the latest K2 handset. It gives you traditional Phone Company fit and feel, yet, I find it even more comfortable to use.

But, you'll probably never use it. The speakerphone is so powerful, so clean, and so easy to use, you'll never pick up the handset unless you need privacy.



I've used good speakerphones before, but this speakerphone's sound quality rivals an in-person conversation, not a phone call. How's that for a description of a phone you can try on a 30 day risk free trial?

## 2-LINE MASTERPIECE

You can select Line 1 or Line 2. And, you can push 'Conference' to combine both lines for convenient business conferences or friendly group calls with friends. There are LEDs that show which line is 'In Use', 'On Hold', or 'Ringing'. And, there are different rings for each line.

**Installation is a breeze.** It simply plugs into one standard modular 2-line jack or two modular 1-line jacks. Nothing could be simpler. Just plug it in.

## PAGES OF HELPFUL FEATURES

The list of features would have to be microfilmed to fit on this page. There's a large LCD display that shows you the name you want to call and the number.

An automatic timer tells you exactly how long you've been talking. And, a clock appears on the display whenever you hang up.

Every conceivable feature from Mute to Tone/Pulse switching, to Pause, to Flash, to battery backup (2 C batteries included), to three direct Emergency Memory Keys and more is included.

There's even Automatic Redial which will redial a busy number for you every 30 seconds.

## YUPPIE POWER

I'm anything but a yuppie, even though I just turned 40, but when you look at the sleek, swept back, silver-grey HiTec appearance, and when you examine its complete computer keyboard, you'll understand why it would warm a yuppie's heart. My heart is warmed by what it does, but I must admit it is impressive.

It's made by Colonial Data, a research company partially owned by one of the largest inter-connect (big business phone systems) companies in the world.

It is 9½" wide, and it's backed by Colonial's standard limited warranty.

## PUT NAME DIALING ON YOUR LINE RISK FREE

It's the best sounding speakerphone I've ever heard. Dialing by names instead of numbers is a quantum leap in both technology and convenience.

Now, I don't have to remember people's phone numbers. I just touch a 'C' for customer and let the phone do the rest.

If you are not 100% convinced, as I am, that this is the best sounding, most convenient phone you have ever used, simply return it in its original box within 30 days for a courteous refund.

To order your Name Dialing 2-Line Speakerphone with God only knows how many features risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just \$129 (\$4 P&H). Use Order No. 4335 for Silver-Grey. Or, use Order No. 4452 for Ivory.

If you'd like the 1-line model without the 2-line features, it's just \$99<sup>90</sup> (\$4 P&H). Use Order No. 4453 for Ivory or Ord No. 4837 for Silver-Grey. CA add tax.

In DAK's electronic world, where a new best is achieved almost every day, this phone stands out as the 'best' best I've ever had the pleasure of introducing.

DAK and the 'a rose by any other name' phone are not affiliated with CXC Corporation's Rose Console.



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8200 Remmet Ave., Canoga Park, CA 91304

**\$39 PRICE BREAKTHROUGH**

# Pollution Shield

*Here's the story about a new weapon that can place a protective pollution resistant shield around you.*



It's a war. It's you against pollution. And, your home is the battlefield. With smoke, smog, and car exhaust just literally oozing into your home, it's time to fight back.

You can't count on the government. And, you can't count on the car makers for help. It's time to arm yourself, and here's the weapon and the ammunition.

## **ARMED FORCES**

The weapon is the new dual action AirEase™ Air Ionizer. It has an edge over all the rest. Not only does it generate (shoot) negative ions, but it then also collects the debris (enemies) with a second element in its base.

The ammunition is the billions of negative ions that emit from this lethal weapon and quite literally form a defensive shield to stop smoke, smog and other pollution from getting in.

The attack force of negative ions (negatively charged atoms) attach themselves in a magnet-like fashion to pollutants in the air which in turn cause the pollutants to be attracted to the nearest positive surface.

At the outside of the shielded area, they tend to fall to the floor. Closer in they are actually reattracted to the special base collector of AirEase™. And, I'll tell you more about that later.

## **RED ALERT**

Does it work? You can bet your life on it. Here's a test you can make yourself.

Place a standard clear kitchen bowl over the ionizer. Puff some cigarette smoke into the bowl. Then plug in AirEase™. Before you can say "AirEase™ Kill!", the smoke will be totally gone. It's an easy test, and it's sure to make you a believer. It sure convinced us at DAK. **CIGARETTE BUTTS & BOULDERS**

Fans with charcoal or furnace type filters may remove some large particles like cigarette butts and large ashes from the air, but they're just about useless for anything under 5 microns.

Over 90% of air pollution particles are smaller than 5 microns. So, there just isn't any other reasonable defense for you other than

a negative ion generator. And, we think you'll agree that AirEase™ is the best.

AirEase™ is just about the only air cleaning system which can remove and collect tobacco smoke, dust, pollen and even bacteria from the air.

AirEase™ constantly cleans all of the air throughout the shielded area. In contrast, fan driven filter type machines can only clean the air that they actually draw through themselves.

Consider all the types of pollution from automobile exhaust. Then add oil smoke, carbon, insecticide dust, and virtually anything you can think of that you don't like in your air. Then you'll be thinking of the pollution shield.

## **THERE'S MORE**

Actually, the negative ion manufacturers didn't think of this great way to clean the air. God did. If you've ever smelled the sweet country air just after a thunderstorm, you know the invigorating feeling that comes over you.

AirEase™ does for a 12 by 20 foot area, what Nature does for the entire countryside. It seems that positive ions are associated with pollution and negative ions with good fresh natural air.

There are lots of claims that a negative air ionizer will let you think more clearly, sleep better and feel happier. There's no way to prove or disprove the claims. But, it is safe to say that if all these things come from cleaner pollution free air, it just may be possible.

## **THE BASIC DIFFERENCE**

AirEase™ is different. There are lots of negative air ionizers. And don't sell them short. Most of them do work. But, they aren't complete.

AirEase™ not only emits negative ions, but its base is really a positive collector.

Once the negative ions go out and attach themselves to a particle of pollution, instead of just falling to the floor they are collected on the collector base.

A removable washable filter trap comes with AirEase™. It holds the collected pollutants. You just rinse the filter when it gets dirty. And wait till you see just what AirEase™ removes from the air before it gets into your lungs.

So AirEase™, because of its new dual element technology is a step ahead of the pack, and you'll be breathing cleaner fresher air, only seconds after you plug it in. AirEase™ is made by ISI, the same company that made the \$98 Orbit air ionizer we sold last year. The really amazing fact is that this new \$39 air ionizer has the exact same power and electronics as did the \$98 Orbit. Both AirEase™ and Orbit are backed by the same standard limited warranty by ISI.


## **TRY AIREASE™ RISK FREE**

Plug in AirEase™. Make the smoke test I described earlier. Let it attack the pollution (especially other people's cigarette smoke) in your home or office.

If you don't think you're breathing cleaner fresher air, simply return AirEase™ to DAK within 30 days in its original box for a courteous refund.

To order your new AirEase™ dual element negative ion generator clean air system with your credit card, call the DAK toll free hotline, or send your check not for the \$98 cost of the old Orbit, but for just \$39 (\$3.50 P&H) Or. No. 9839.

I can't guarantee that this device will help you sleep, solve crime, or improve your sex life. But, it will give you cleaner air to breathe, and that's priceless.

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# The Observers

*At the office or at home, you can scrutinize up to 4 separate areas with both picture and sound. New technology allows a single cable to both power a camera and carry the audio and video signals. There's even an automatic switcher for up to 4 cameras. It's all yours at an amazing new price.*

By Drew Kaplan

It does it all. And, it's absolutely terrific. You can monitor loading docks or swimming pools. You can watch for pilferage, shoplifting or accidents.

And, there's even an output for a video recorder so you can make a permanent record. Now you can see who comes and goes. And, you'll see **what they do**.

The system comes with a 12" video monitor, a sequential switching system that allows you to view up to 4 cameras from 4 to 60 seconds each, a camera complete with microphone, and an infinitely adjustable mounting arm.

You'll also get 57 feet of cable and you can add up to 300'. You can even add a weather resistant case for outside use.

## LOOK AT ALL IT DOES

The technological breakthrough that allows you to make a single wire installation lets you have **sound and picture** monitoring of all types of areas.

**Risk areas:** Monitor secluded side doors, corridors, equipment yards, tool cribs and other storage areas.

**Hazardous areas:** Prevent accidents or get help for one fast. You can see when people do unsafe things.

**Supervision:** You can't be everywhere at once. Now you can see who comes and goes. Monitor an entire night crew if you're on the premises, or have an 8 hour tape you can view in about 1¼ hours using high speed search on your VCR.

**Retail Protection:** Don't leave your employees alone in your store or in your parking lot or structure. Now the manager can be there to assist. And, you can have a recorded audio and video record.

**Theft:** From shoplifting to employee theft to vandalism, anonymity is the culprit's protection. With observation cameras, no one knows when they are being watched or when a recording is being made. It's a safety feature to protect employees from danger and to protect the company from all sorts of crime.



## NOT JUST FOR WORK

You can monitor your front door, your back yard and your pool. You can even monitor the animals in your barn or your baby in the bedroom. So, if you raise animals or children, you can always keep an eye on their safety.

**Always check local laws which may restrict some types of observation.**

## EFFORTLESS INSTALLATION

From 3 lux to 30,000 lux, you can watch what's happening with this superb new system. You'll be amazed at how sensitive it is at low light levels.



And, whatever you monitor, you'll have a superbly detailed high contrast picture.

While I wrote this ad, I had a camera aimed out the window. As it got dark, I couldn't see down the street. But the camera's automatic sensitivity adjusted, so I could see the street on the monitor almost as well as I had in the afternoon.

And best of all, the cameras are incredibly easy to install. You don't even need AC plugs where you mount them.

And, the infinitely adjustable mounting arms attach with only 3 screws to floors, walls or ceilings.

Switch on the monitor and press a camera button. All power for the entire system comes from the monitor/switcher.

You can have one or all 4 cameras connected. And, connecting the cameras is the simplest thing of all.

This system uses standard round coax type cable, just like your home's cable TV system. Through this standard cable, Magnavox sends power for the cameras.

And, the camera sends both **audio and video** signals back down the very same cable. So, installation consists of simply running one standard video cable.

The monitor has a built-in electronic switcher. Most automatic switchers that I've seen in surveillance, cost hundreds of dollars. With Magnavox it's included.

You set it to lock onto any camera for a minimum of 4 seconds and a maximum of 60 seconds, or pick one camera.



The signal (both audio and video) from all cameras being viewed can always be sent to your VCR for a permanent record.

**And there's more.** By simply running a standard video cable, you can also watch the output of the monitor on other TVs in other rooms.

## ENDLESS USES

Think of the feeling of safety you'll have when you can monitor both the

front and back of your home from the kitchen or the bedroom, or both.

The monitor is 12" wide, 11½" tall by 12½" deep. Each camera is just 9" deep, 4.5" wide and 2½" tall and weighs 2½ lbs. It's made by Magnavox and backed by their standard limited warranty.

## OBSERVE YOUR WORLD RISK FREE

Use it to protect your business or home, your employees, your family and your possessions. If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order Magnavox's Observation System, complete with 12" Monochrome Monitor, 4 Station Electronic Automated Switcher, Black and White Camera, 57' of Cable, and Infinitely Adjustable Mounting Arm risk free with your credit card, call toll free, or send your check for only **\$299** (\$11 P&H). Order No. 4415.

Each Extra Camera with Built-in Microphone, 57' Cable and Mounting Arm is just **\$169** (\$4 P&H). Order No. 4549.

Weather Resistant Cases are just **\$39<sup>90</sup>** (\$3 P&H). Order No. 4550. CA add tax.

100' extension cables are just **\$19<sup>90</sup>** (\$2 P&H) Order No. 4551. **Note: a pair of cable ends is included, so you can make your own cable, up to 300'.**

To view almost double the width you see in the picture above, there's an 88° wide angle lens for just **\$69<sup>90</sup>** (\$2 P&H). Order No. 4823.

You'll have a new sense of security when you can see and hear what's happening. And, by connecting a video recorder, you can have a permanent record of the comings, goings and actions of everyone on your property.



**DAK INDUSTRIES  
INC.**

Call Toll Free For Credit Card Orders Only  
24 Hours A Day 7 Days A Week

**1-800-325-0800**

For Toll Free Information, Call 6AM-5PM Monday-Friday PST  
Technical Information. . . . 1-800-272-3200  
Any Other Inquiries. . . . 1-800-423-2866  
8200 Remmet Ave., Canoga Park, CA 91304

**Now you can have dramatic stereo sound outside. These weatherized two-way speaker systems are at home in rain, sleet or snow. So, forget the weather. Take the full dramatic sound of your own stereo system outside.**

It's a problem. You've got a great sounding stereo system inside. But, if you take your speakers outside, they're sure to be ruined by rain, sleet or snow.

**Well, no more.** Now Art Audio has designed a super new 2-way speaker system that's at home just about anywhere, except maybe at the bottom of your pool.

**GREAT SOUND**

The system enclosures are made of diecast aluminum. And, they are the latest air tight type. 18 screws, each actually screwed into threaded holes, make this vault-like enclosure secure against the elements, (including being stepped on by a large elephant).

Inside, there's an actual wire wound crossover network that feeds the lows to the woofer and the highs to the tweeter.

And speaking of the speakers, there is a woofer that you simply won't believe.

It only measures 4", but it has a magnet structure easily equal to an 8" speaker, and frankly, it sounds like one.

The acoustic suspension woofer is made of polypropylene which won't be affected by the elements. And, polypropylene is used in fine speaker systems for super accurate reproduction.

The tweeter is made of mylar for super accurate sound and a total disregard for the ravages of the elements.

**INSTALLATION**

These speakers come with easy-mount brackets. Just screw in the three wood screws to your house (included). And, attach the speakers to the brackets with the thumb screws (included).



**Patio Blasters**

It's best to mount the speakers under an overhang or under the eaves of your home. But, short of 'dunking' them in water, they are fully weatherized. Even the grills are protective metal.

**TRY PATIO BLASTERS RISK FREE**

Wait till you hear the sound. You'll be amazed at the depth of the bass and the clarity of the highs in your own patio.

If you're not 100% satisfied, simply

return them to DAK within 30 days in their original boxes for a refund.

To order your Patio Blasters risk free with your credit card, call toll free, or send your check for just \$49 (\$4 P&H) for each speaker. (You'll need two for stereo). Order Number 9820.

Take your favorite music outside with great fidelity no matter what the time of year or what the weather is like.

**Multiple Personality Close-Out**

**Here's an incredible close-out on a microwave oven that not only defrosts, but toasts and bakes too. Wow!**

By Drew Kaplan

I've got a weight problem. I'm always dieting. Even one greasy hamburger off 'The Truck' adds a pound to my weight.

In 1972, I bought one of the first microwave ovens on the market, and I've been eating good, wholesome food at work and at home ever since.

One of my favorite lunches is the left-over steak, chicken or fish from the night before. It takes less than 2 minutes to reheat a moist, great tasting steak.

And, if I want a snack, I make a baked apple (no sugar) in just 4 minutes. At home, my wife makes a baked potato for herself in just 6 minutes.

And, in the morning I make scrambled eggs with no butter in less than two minutes. Bacon takes just 3 minutes.

**NOW THERE'S MORE**

Imagine this compact 17.9" wide, 14.8" deep microwave on your kitchen counter. Then consider that it's also an oven for baking and a toaster.

Yes, Emerson has perfected an oven that not only lets you microwave, but lets you brown, bake or toast as well.

There's a removable steel cooking tray for all functions and a wire rack for toasting. So, now you can have one appliance that will microwave, defrost, and even bake and toast for you.

Push buttons let you select your cooking mode. A standard oven temperature control (low to 500°) lets you select the baking temperature, and there's a 60 minute timer that controls both.



The cooking cavity is .4 cubic ft. It is 10.8" X 10.6" X 7.7" high. You also get a 115 page cookbook. It's made by Emerson and backed by their incredible 7 year Magnetron, 2 year parts and 1 year labor, limited warranty.

**MICROWAVE BAKE OR TOAST RISK FREE**

At home or at the office, you can cook

any way you want. If you're not 100% satisfied, simply return it in its original box within 30 days for a refund.

To order Emerson's Microwave, Defroster, Toaster, Bake Oven risk free with your credit card, call toll free or send your check, not for their over \$250 suggested retail, but for just \$129<sup>90</sup> (\$18 P&H). Order No. 4686. CA res add tax.

# Stereo Phone Breakthrough?

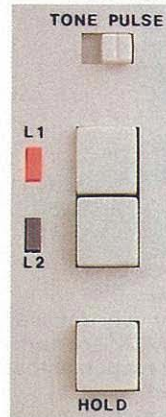
It has two channels. It has a great sounding speaker. And like a jukebox, simply touch its buttons to choose any one of your 20 favorite selections. Get two channels for only \$69<sup>90</sup>!

By Drew Kaplan

It doesn't play music. But it does have two channels, two ways of speaking and two ways for you to listen.

This two-line telephone system has an incredible speakerphone that can almost be called HiFi. And, it remembers 20 of your most frequently dialed numbers.

## TWO-LINE CONVENIENCE



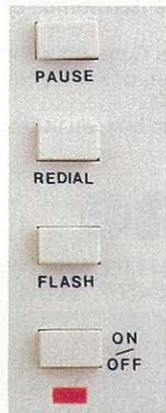
Just press the Line 1 or Line 2 button and your choice of lines is selected. LEDs display which line you are using, which line is ringing, and if the Hands Free Speakerphone function is in use.

And there's 'Hold', so you can put someone 'On Hold', hang up this phone and continue your conversation from any other telephone in your home or office.

When either line is 'On Hold', its 'In Use' LED changes from red to green to remind you that it is 'On Hold'.

But, best of all is dialing with the speakerphone. You never have to pick up the handset while you wait for your party to answer your call.

So, if you call an air-line, or are just kept waiting, you'll do it hands free while you work or walk around the room. And, look what you can do. While you are talking on one line, you might want to add a third person to your call.



You can put whichever line you are using 'On Hold', and use the other line to call out or answer a call. Then just push both buttons to join both calls.

It's easy. And, group conversations can be productive for work. And, they are a lot of fun with friends and family.

## ELEPHANT BRAIN

Just touch the name of the person you want to call. Each of the 20 name positions at the top of the phone is actually a quick touch dialing button.

And, 2 quick touches is all it takes, with no numbers for you to remember. Just touch the 'Memo' Button over the name, and the Button next to the name you want to dial.

So, you won't have to remember that 'Mom' is button 16. Just push the button that says 'Mom'. It's incredibly easy.

Use one of the buttons as a Long Distance Service Button to store your MCI or Sprint Code. Just push it, then push any memory button, or manually dial a number for effortless discount calling.

Discount services are great, but who needs to remember complicated numbers.

Now, save money with a single button. But, it's more than money. The next time you are dialing a discount service manually and you make a mistake around



## 2-LINE PRICE BLITZ

the 14th digit, think how nice it would be to have this automatic dialing phone.

You'll also have Last Number Redial Memory in both Tone and Pulse. So forget manually dialing busy numbers over and over again. Plus, it's hands free!

Each memory location will hold up to 16 digits. You may insert pauses for switchboards and discount services, and you may change stored numbers at any time. A 9V battery (not included) activates the phone's memory backup system.

## FISH IN A BARREL

Imagine walking around the room or sitting at your desk with your hands totally free while you talk on the phone.

And, with this speakerphone, anyone else in the room can join in too. You'll be heard loud and clear whether you are nearby or across the room.

This speakerphone uses a new, lightning fast auto-simplex (half-duplex) design. You won't get the hollow barrel sound and squeal, because the mike actually overrides the speaker.

You won't even notice it. All you and the person with whom you are talking will hear, is clear, echo free conversation.

## AND MUCH MORE

The real claim to fame of this phone is its marriage of Phone Company fit and feel with super convenience features.

And, just look at the extra features. There are two distinctly different sounding ringers. One is mechanical, and the other is electronic.

So, you'll always know which line is ringing without having to look at the 'In Use' LEDs. Of course, the 'In Use' LEDs also light so that you can see which but-

ton to push in the dark. And, there's a ringer off switch for privacy. Plus, the phone may be desk or wall mounted.

## THOUGHTFUL INSTALLATION

Some homes and offices have 2 separate jacks and 2 separate phones. Some have a single jack leading to an expensive but dumb Phone Company Phone.

Both types of cables and jacks are included with this phone. In fact, there's even a short cable for instant wall mounting to a Phone Company Mount.

It's made by Universal Security Instruments, and backed by their unique 2 year limited warranty.

## TWO CHANNELS, TWO LINES RISK FREE

Wait till you hear the sound. Wait till you feel the K style handset against your ear or cradled on your shoulder.

Talk on the speakerphone. Touch a direct dialing button. Then make a conference call and really use your two lines.

If you're not 100% satisfied with the feel, the automation or the sound quality, simply return it in its original box within 30 days for a courteous refund.

To order your Universal 2-Line Speakerphone with 20 number Memory, Conference, Redial, Hold, Flash, Pause and more, risk free with your credit card, call toll free, or send a check for DAK's direct dialing price of just \$69<sup>90</sup> (\$4 P&H). Order No. 4808. CA res add tax.

Dial a number on either line with just the touch of a Memory Button. Dial and talk, without ever lifting the receiver. And talk while you move around the room. It's a great sounding, great looking, automated communications tool.

# DAK MLX And MLX<sup>2</sup> Cassettes

*Thundering bass and crystal clear highs can be a reality with DAK MLX and MLX<sup>2</sup> cassettes. And, with DAK's music vault housing, your music will be protected.*

It's a fact. DAK grew out of the industrial tape market. We manufactured tape for high speed duplicators who recorded music and voice tapes at 15 times normal speed.

We developed special cassette liners that would allow our cassettes to be ultra reliable, even under the relentless demands of high speed professional duplication.

Now we've developed a housing that incorporates all we've learned about high speed, heavy-duty use. This housing will give you the kind of reliability from your car cassette player and your personal stereo that you'd only expect from your home cassette deck. This super heavy-duty, dimensionally stable housing will give you maximum protection.

## MLX NORMAL BIAS 90 MINUTE CASSETTES

These professional quality cassettes feature very special, ultra uniform and narrow, ferric iron, high density particles.

The denser particle packing (more particles per inch of tape) translates into improved frequency response, better signal to noise ratio, more headroom and dynamic range.

MLX cassettes offer you a frequency response capability that is superior to most cassette decks. If your deck can handle it, you can expect a frequency response of up to 19,500hz.

We offer our factory direct cassettes in 90 minute lengths and only prepackaged in units of 10. This saves us money and, as you can see from our prices, saves you money too.

To order 10 DAK MLX Normal Bias 90 Minute Cassettes for DAK's standard 30 day risk free trial, call toll free, or send your check for just \$24<sup>90</sup> (\$1<sup>50</sup> P&H) Order No. 9650. Each MLX comes with an all clear hard plastic box, an index insert card, and a one year limited warranty.

## DAK MLX<sup>2</sup> HIGH BIAS 90 MINUTE CASSETTES

MLX High Bias is a superb Chrome CrO<sub>2</sub> cassette. The greatest advantage of Chrome lies in the shape of its particles. Chrome is actually a synthetic mono-crystal that is grown under 30,000 pounds of pressure at a temperature of 900°.



These particles are very small and very long and thin. What's important is that they are all virtually identical and can be packed together very densely.

The recordings that you will get using DAK's MLX<sup>2</sup> are nothing short of incredible. You'll have a frequency response that can top 21,000hz, assuming that your deck can.

This tape offers up to 6db more sensitivity than previous tapes above 10,000hz. You'll capture the subtle harmonics of the most demanding recordings.

To order 10 DAK High Bias MLX<sup>2</sup> 90 Minute Cassettes for DAK's standard 30 day risk free trial, call toll free, or send your check for just \$26<sup>90</sup> (\$1<sup>50</sup> P&H) Order No. 9651.

Each MLX<sup>2</sup> comes with an all clear hard plastic box, an index insert card, and a one year limited warranty.

# Flashback SpeakerPhone

*Direct dial buttons let your mind flash to the future, not to your memory when you dial 40 of your most frequently called numbers. And, a hands free speakerphone lets your hands be free too. It's yours for just \$49<sup>90</sup>. Wow!*

By Drew Kaplan

It just takes a few seconds. It's no big deal. But if you're like me, you may dial the same numbers over and over again.

Even if you aren't often frustrated by busy lines, and even if you never make a mistake dialing, a memory phone is a whole lot more than posh luxury.

Add a terrific sounding speakerphone. Now you can dial without ever lifting the receiver and you can talk near the phone or from across the room, hands free.

When you're put on hold, you can go about your business. In fact, you can carry on your entire conversation totally hands free with this sensational sounding speakerphone.

## MEMORY FLASHBACK

Forget telephone books. Forget remembering numbers, and best of all, forget dialing and redialing busy numbers. Now for just \$49<sup>90</sup>, this 40 number decorator phone will reduce 7 to 16 digit numbers to just 1 or 2 button dialing.

You can automatically dial your complicated Sprint or MCI codes. And, you'll be amazed at the time you save when you automatically dial 7 digit local numbers, especially when you reach a busy line.

The Flashback Memory SpeakerPhone is loaded. It has Tone/Pulse switching, One-Touch Redial, Pause, Flash and Ringer Hi/Low/Off switching.

It has True Hold so you can put this phone on hold and resume your conversation at any other extension. And with



hold, you can put a call for another family member on hold while you find them.

It may be desk or wall mounted. And, it plugs into any modular phone jack. The K2 style handset has true Phone Company fit and feel. And its sound quality is simply superb.

It's made by Universal. And, it's backed by their standard limited warranty.

## FLASHBACK SPEAKERPHONE RISK FREE

If you've ever dialed a long distance call, then entered a telephone credit card and made a mistake after a total of

15 or so digits, you're sure to appreciate this memory phone. And, wait till you hear the quality and experience the convenience of the speakerphone.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order your USI 40 Number Memory SpeakerPhone with all its extra features risk free with your credit card, call toll free or send your check for just \$49<sup>90</sup> (\$3 P&H). Order No. 4536. CA res add tax.

Now you can enjoy automatic dialing and hands free talking for just \$49<sup>90</sup>.



# Stereo TV, NOW!

*Now your home TV viewing can become a theatrical experience. You can tune in up to 140 cable and antenna channels in true MTS Stereo, and listen to them explode in your living room through the included 2-way shielded speaker systems when you use this amplified Stereo TV/Cable Tuner.*

By Drew Kaplan

Save your TV. Save your monitor. Now you can add 140 channel tuning, with True MTS Stereo, SAP, Simulated Stereo, and Amplified Sound that's guaranteed to knock your socks off.

With the networks' programs switching to stereo, you're in for a real experience! Stereo, powerfully reproduced through 2-way speaker systems with real woofers and tweeters rather than a typical 3 to 5" TV speaker, involves you emotionally in what you're viewing. It's really thrilling.

There is much more sonic information contained in stereo TV broadcasts.

After watching it for a few weeks, I can tell you that the effect seems to make your TV's picture seem bigger, because you're involved.

Of course with this advanced tuning system, you might just be receiving a sharper picture, and that helps too.

If you're like me, you already have perfectly good TVs in your home. And, if you've looked at the prices on Stereo TVs, you probably got a shock.

Besides, I just can't bring myself to throw out my perfectly good TVs, even to experience the incredible explosion of sound created by MTS TV stereo.

Anyway, stereo TVs typically have speakers built-in. So, they are very close together. With this system, you can separate your speakers up to 6 feet.

You can expect the same wide-field sonic image you get from your stereo system. But, the combination of sight and sound is astounding.

## ALL THE CHANNELS

You're in for a selection adventure in programming. Whether you tune in Cable or use your own antenna, you can now have complete wireless infrared remote tuning from up to 25' away. You'll switch channels, control volume and mute.

You'll tune in all VHF channels 2-13, Cable Channels 14 (A) all the way to 71 (AAA). Plus, you'll tune in UHF.

**Note:** If you're on cable, check with your cable company before viewing any-

thing at all, to see if they require a fee.

This isn't one of the infamous 'Black Boxes' that decodes various 'Pay TV Channels'. On cable, most of the programming isn't scrambled, it's just found outside the tuning range of the average TV.

Just push '2' then '4' when you want to watch channel 24. And you can watch 24 on either cable or UHF by just touching the input select button on the remote.

**And, look at this.** You can assign any stations you want (no limit) a 'Favorite' Status. And, by using the step tuning buttons, you can step through only your favorite channels.

I have 4 movie channels on my cable. So, I use the 'Favorite' feature a lot. The large LED display shows you the channel. And, LEDs show when this tuner is receiving Stereo, SAP, or Antenna/Cable.

## I'VE KEPT A SECRET

OK, so you've got a great picture, 140 channel capability, and you've got MTS Stereo and SAP. Well, there's more.

The powerfully amplified speaker systems will electrify your TV viewing all the time, because whenever the tuner isn't receiving a stereo signal, it automatically creates a simulated stereo effect.

So, just look at the 'Stereo' LED to know what it's doing. You're in for some wonderful sonic experiences to go along with your multichannel viewing.

**And one more thing.** If you're not familiar with SAP, it's not a government agency. It's called Separate Audio Programming. You'll probably find that some of your local TV stations broadcast an audio band that normal TVs don't get.

It's not related to the TV picture. It may be music of all types, industrial information or educational classes. You may just find that your entertainment options are considerably broadened.

## EFFORTLESS INSTALLATION

It's easy. Just unscrew your antenna or cable connector from the back of your TV. There are 2 inputs on the back of the controller. One is for VHF or Cable, the other is for UHF. (You can switch between

the two from the remote.)

Then, use the included cable to connect the Controller to your TV. Finally, plug your TV into the Controller and the Controller into the wall. You can connect your VCR before or after the Tuner.

## ANOTHER SURPRISE

If you've got a monitor, you're in for a treat with this tuner. Now you can make it 140 channel cable compatible, and you can enjoy the full MTS stereo thrill.

There is a direct Video as well as Left and Right speaker outputs on this tuner. So, you'll have a superb picture.

Wow, just wait till you hear the sound and see the quality of the picture. This is a 100% videophile component. It's made by Universal and backed by their standard limited warranty.

## GET CABLE, UHF AND VHF ENJOY MTS STEREO RISK FREE

Wait till you hear the sound. It's like switching from a portable AM radio to your full stereo system. It's an awesome experience that's instantly apparent.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order Universal's 140 Channel Cable Controller with MTS Stereo, SAP, Simulated Stereo VHF/UHF Switching, Matching Shielded 2-Way Speaker Systems and Video Output risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just \$199<sup>90</sup> (\$8 P&H). Order No. 4685. CA res add tax.

Now you can tune in virtually any TV broadcast and listen to the most phenomenally dramatic sound. Plus, you'll have remote control of all functions.

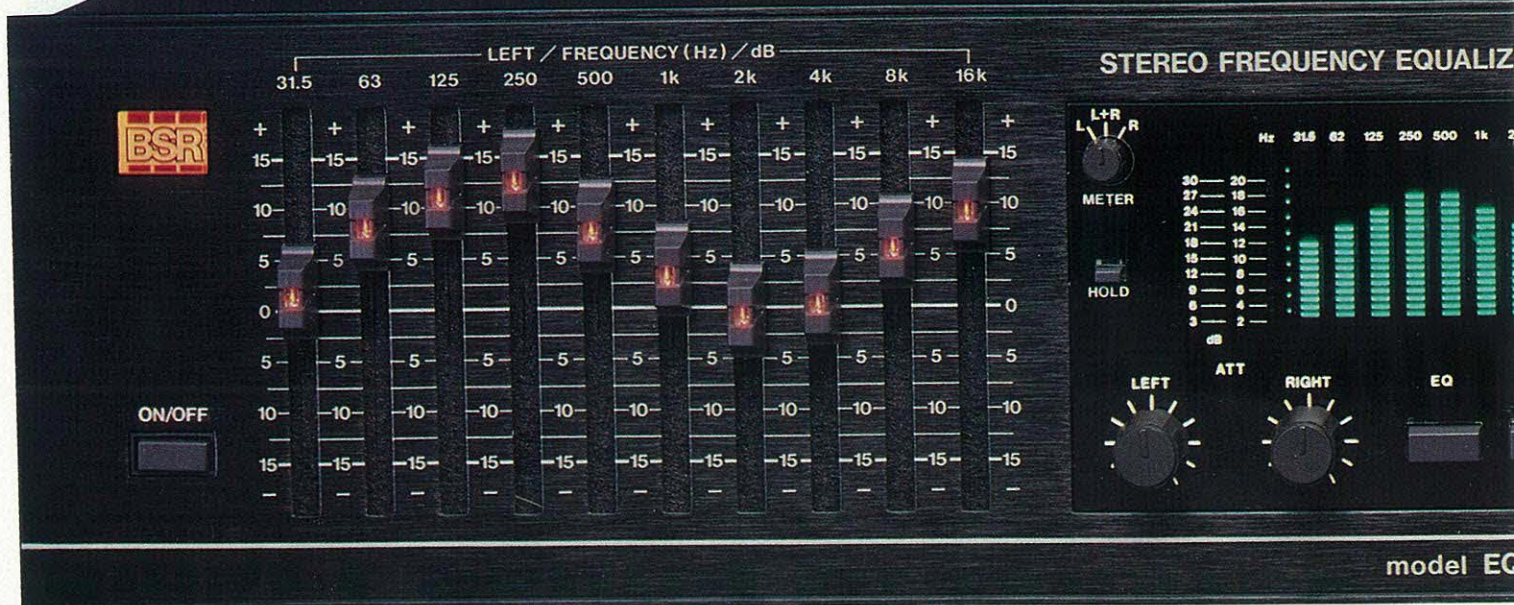


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Technical Information. . . . 1-800-272-3200  
Any Other Inquiries. . . . 1-800-423-2866  
8200 Remmet Ave., Canoga Park, CA 91304



# Smart Sound Detonator

*Obliterate the wall between you and the individual instruments in your music. Infuse your own stereo system's sound with a breathtakingly vibrant 30 to 50% improvement in sound quality that you can measure with this superb BSR Equalizer/Spectrum Analyzer limited \$149 close-out.*

By Drew Kaplan

Close your eyes. Touch a button. And you'll hear your stereo system literally explode with life.

You'll hear the gentle brushes on a snare drum, the startling bone-jarring realism of a thunder clap, or the excitement of a full cymbal crash.

You'll hear string basses and other deep low instruments emerge from bass (that will sound murky by comparison), with such clarity and such definition that you'll feel you can almost touch each instrument.

This astoundingly distinct yet powerful bass adds such a full bodied warm feeling to your music, you'll feel as if you've been lovingly wrapped in a warm soft blanket on a cold winter's night.

**But don't take my word for the sound quality improvement.** With the Pink Noise Generator, Calibrated Electret Condenser Mike and the 220 Element Spectrum Analyzer, you can instantly measure each and every improvement you make.

Plus, there's more. A subsonic filter effectively adds the equivalent of many watts onto the power of your amplifier.

Plus, with its provision for two separate tape decks including two way dubbing, you'll have much more than just greatly improved sound.

You can count on great sound from this top of the line Equalizer/Analyzer. It has a frequency response from 5hz to 100,000hz  $\pm 1$ db. And, it has an incredible 100db signal to noise ratio.

BSR, the ADC equalizer people, make this super Equalizer/Analyzer and back it with a 2 year standard limited warranty. Our \$149 close-out price is just a fraction of its true \$379 retail value.

**FIRST THE EQUALIZER  
YOUR STEREO'S HIDDEN SOUNDS**  
Your stereo can sound incredibly bet-

ter. Just a 5db roll-off at the high end, up around 14,000hz to 16,000hz, can just decimate the harmonics that give you the open feeling you'd experience at a live concert. A similar roll-off at 60hz, causes the fundamental bass notes to just fade away into the 'murk'.

An equalizer isn't some magical device that manufactures sounds that don't exist. Most of the frequencies that will make your music really vibrant, are actually already recorded in your music.

You'll be able to prove this with a few simple tests we'll try when we discuss the Spectrum Analyzer.

You see, certain frequencies are simply not reproduced with as much volume as are the mid-range frequencies which stretch from about 800hz to 2,000hz.

An equalizer simply lets you establish accurate control of all frequencies to fit your equipment, your recordings, your taste, and your listening environment.

## TOTAL MUSICAL CONTROL

And, what a job it can do. It's totally unlike bass and treble controls which simply boost everything from the mid-range down for bass, or everything up for treble. You can boost the low-bass at 31.5hz, 63hz and/or 125hz to animate specific areas or instruments.

And, when you boost the part of the bass you like, you don't disturb the mid-range frequencies and make your favorite singer sound like he has a sore throat.

The high frequencies really determine the clarity and brilliance of your music. The problem is that highs are very directional. Wherever you move in your listening room, you'll find a big difference in high end response, as you'll see when we test the Analyzer.

No recording engineer or equipment manufacturer can even begin to control your listening environment.

You can control the highs at 4,000hz, 8,000hz and/or 16,000hz, to bring crashing cymbals to life at 16,000hz while at the same time you can cut tape hiss or annoying record scratches at 8,000hz.

But there's more. Don't leave out the mid-range. You can boost trumpets at 300 to 500hz or a clarinet at 1000hz. You can boost or cut any part of the frequency spectrum a full  $\pm 15$ db.

## TAPE DECK HEAVEN

You can push a button and transfer all the equalization power to the inputs of two tape decks. Now you can pre-equalize your cassettes as you record them and get all the dramatically enhanced sound recorded right on your cassettes.

This is an especially great feature when you play your cassettes on bass-starved portables or high-end starved car stereos.



## SIMPLY PLUG IT IN

Use your tape monitor circuit, but don't lose it. Now your one tape monitor circuit lets you connect two tape decks.

Just plug the equalizer into the tape 'in' and 'out' jacks on your receiver or preamp. We even supply the cables.

As you listen to your records, FM or any 'Aux', any time you push the tape monitor switch on your receiver you'll hear your music jump to life.

The output from your receiver is always fed directly to your tape deck(s) for recording, and with the touch of a button, you can choose to send equalized or non-equalized signal to your deck(s).

When you want to listen to a tape deck, just select which tape deck you want, turn the switch on the equalizer,

**\$149 CLOSE-OUT**

**EQUALIZER / SPECTRUM ANALYZER**



and your tape deck will work **exactly** as it did before. Except, now you can listen with or without equalization.

Look at this. You can dub tapes from deck 1 to deck 2, or from deck 2 to deck 1 with or without equalization.

**THE SUBSONIC FILTER**

Much of the power drawn from your amplifier is used to drive your woofers. When you drive the amplifier too hard, it clips and you end up with distortion.

A subsonic filter removes a lot of non-musical material you can't hear that exists below 20hz. So, it relieves your amplifier of a lot of work. It doesn't actually create more watts (Please, no letters from my 'technical' friends) for your amplifier.

But, it's like turning off the air conditioning in your car. It saves you using about 7hp of what you have. And therefore, you'll have more watts for clean powerful sounding music.

**THE SPECTRUM ANALYZER**

Now you can scientifically analyze your stereo listening room and test your equipment by using BSR's Real Time Frequency Spectrum Analyzer.

Plus, you'll see your music not as a single level on a VU meter, but as a kaleidoscopic parade of 10 individual 20 element VU meters.

Each is tuned to a specific octave of the sound spectrum. An eleventh 20 element meter averages all levels.

The effect is awesome. You can visually isolate a string bass or cymbal, and actually see each individual instrument almost as a wave moving across the 220 individual fluorescent elements.

**THE MOUTH AND EARS**

It talks. The Analyzer speaks with a voice of pure calibrated Pink Noise. Pink Noise is the standard composite 'sound' of all frequencies used for testing in labs around the world. All frequencies from 20hz to 20,000hz are generated at the exact same level at the exact same time.

It listens too. If you are testing a cassette or a component in your system, use the 'Line Button'. If you're testing your whole system with speakers, use the matched calibrated electret condenser

microphone (included). Either way, you'll have a quick, easy and accurate way to evaluate the total sound of your system.

**HOW TO TEST**

**SPEAKERS, EQUIPMENT AND TAPE**

Testing your speakers in your listening room is the really crucial test. Simply place the calibrated microphone where you normally sit to listen to your stereo.



At the end of an 18 foot cord is the ear of the system. Just clip the mike wherever you sit and test your room.

Turn on the Pink Noise. You can switch to Left Channel, Right Channel or both. There's a meter range button, a sensitivity control, and even a switch that lets you freeze the meter.

Just sit down at the equalizer. Start with one channel. You'll see all 10 octave bands on the meter. Just slide the corresponding controls to increase or decrease any area that needs help.

You have now set up your system to its maximum capability. But as you'll see, location is very important. Move the microphone 5 feet to the left or right.

Then turn on the Pink Noise and check the Spectrum Analyzer. Now you can see why the specifications that come with your system are only a starting point.

Here's a way to test your tape deck and tape. First record Pink Noise for 3 minutes at -20VU. Then play it back and note the readings on the meters.

Now, record the Pink Noise again at 0VU or +3. Wait till you see how much the high end falls off. Now you'll see why all specifications are listed at -20VU.

With the Equalizer/Analyzer you can enjoy the finest stereo sound from your system and be a test lab too.

**WHY SO CHEAP**

BSR now only sells equalizers under their ADC name. Well, as Detroit comes out with new cars each year, ADC comes out with new equalizers. We got them to supply us with just 30,000 of last year's

ADC model before they shut it down.

They had already paid for all the tooling, all the research and design, so we were able to buy these for less than half the normal price, for cold hard cash.

**THE FINAL FACTS**

There are 20 slide controls, each with a bright LED to clearly show its position. Each control will add or subtract up to 15db. (That's a 30db range!)

There are separate sound detonation slide controls for each channel at 31.5hz, 63hz, 125hz, 250hz, 500hz, 1,000hz, 2,000hz, 4,000hz, 8,000hz, and 16,000hz.

BSR backs this top of the line Graphic Equalizer/Spectrum Analyzer with a 2 year standard limited warranty. It is 1 7/8" wide, 3 1/2" tall and 8 3/4" deep.

**MAKE YOUR MUSIC EXPLODE RISK FREE**

It's startling. Music so vibrant with life you'll swear it's 3 dimensional. Sculpture your music any way you want it. If you're not 100% satisfied for any reason, simply return it to DAK within 30 days in its original box for a courteous refund.

To order your BSR EQ3000 Smart Sound Detonator 10 Band Graphic Equalizer with Real Time Spectrum Analyzer and Calibrated Mike, with Subsonic Filter and Two Way Tape Dubbing risk free with your credit card, call toll free, or send your check, not for the \$379 retail value. Don't even send the \$227.97 dealer cost. Send just \$149 plus \$8 for postage and handling. Order No. 4100. CA res add sales tax.

The sound of your stereo will explode with life as you detonate each frequency band with new musical life. And, you can see and measure exactly what you've done.



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INDUSTRIES INCORPORATED

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For credit card orders call 24 hours a day 7 days a week  
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# Explosive Automation

Your stereo system's sound will explode with life and you'll thrill to the ultimate in automation. Imagine 6 discs played in any order you choose, or totally randomly. Imagine computer timed dubbing. And, wait till you see DAK's price.

By Drew Kaplan

It's shocking. From the awesome digital sound produced by this 16 bit, 3-beam laser pick up system to its 6 disc capability, this new multi-disc CD player will explode any perception of sound quality and automation you've ever had.

Before we explore the sound you'll hear with a 5hz to 20,000hz frequency response, 96db signal to noise ratio and 96 db dynamic range, let's look at automation like you've never seen before.

## AWESOME CAPABILITIES

OK, it plays 6 discs automatically. That's pretty impressive. You can program up to 32 choices (including complete discs) to play in any order.

Well, that's impressive, but it's more than the rest, not different.

**But this is.** This CD player can randomly choose selections from 1) a single disc, 2) from the 32 selections you have chosen, or 3) from all 6 discs.

Now you can enjoy your favorite music without fatigue. Now you won't know which song is coming next. But you'll still have total control of the randomized songs.

**But there's more.** If you want to copy songs onto cassettes, not only do you have complete programmability, this incredible machine even pauses at the end of each side of your cassette.

Since it knows how long each song is, at 45 minutes (half a 90 minute cassette), this machine will pause. So, you'll never have to calculate which songs will fit on a cassette again.

So, for an hour, an evening or a lifetime of music, this machine will never stop.

## EVERY IDEA INCLUDED

OK, you've got 6 discs loaded, the memory programmed but you want to listen to another disc. Well, there's no problem. 5 of the discs fit into an instantly removable changeable magazine. The 6th disc is held in a conventional tray.

So, you can change the 6th disc at will without ever losing your programming.

## OUTER SPACE

No expense was spared in the design and manufacture of this 'beyond the top of the line' player from Sharp.

Everything you'll want to do is accomplished by pushing direct action buttons. And, every function is duplicated

on the remote and the player itself.

You can select any of the 6 discs. You can randomly select tracks. You can enter all programming, Random Play, Programmed Play or Repeat Play. Wow!

You can even enter the dubbing mode for timed cassette record and you can bring up any of the displays, including Selection, Track Time and Total Time.

You can control Play, Pause, Stop, High Speed Search, Next and Previous Track, and virtually any function that I've ever seen on a CD. But, don't forget to

sound level (volume) between the softest and loudest recorded sounds.

CD gives you a 96db dynamic range, which is roughly equivalent to the difference between absolute silence and standing next to a jet engine.

Your music will be dramatically more exciting. You won't have to carefully compare CD to conventional sound. From the very first note, you'll be in shock. It's as if the world was just created and you are listening to newly born, virgin sound.

Imagine listening to music with a frequency response from 5hz to 20,000hz +0.5db -1db. Wow! Imagine sound so pure that harmonic distortion is just 0.004%. And, if you're into zeros, flutter and wow is "unmeasurable".

## THE TRUTH ABOUT CD SOUND

This is the finest CD player I've ever used. But, honestly, any good \$150 CD sounds perfect. The specs are so far beyond human hearing that, short of the cheap unknowns that may be badly assembled, all CDs will knock your socks off.

The chief advantage of this remarkable machine is its **superb construction** which should give you years of superb entertainment, and it's incredible ability to manipulate 6 discs to let you enjoy your music like never before.

There's no question in my mind that this incredible new Sharp CD has found a permanent home in my system. It's backed by Sharp's limited warranty.

## EXPLOSIVE AUTOMATION RISK FREE

Wait till you experience the sound. Wait till you record cassettes automatically. And, wait till you hear your favorite songs randomly played for you. It's all an incredibly thrilling experience.

If you're not 100% thrilled, simply return it in its original box to DAK within 30 days for a courteous refund.

To order your Multi-Play Sharp 6 CD Player with 3-Beam Laser Pick Up System, Heavy Sampling, Random Play, 32 Program Selected Play, Automatic Timed Dubbing Capability and **MORE**, risk free with your credit card, call toll free, or send your check for DAK's market breaking price of just **\$349** (\$8 P&H). Order No. 4841. CA res add tax.

It's smarter than most computers. It sounds better than a symphony orchestra producing a full crescendo, and DAK's price should shake up the industry. Wait till you experience all that this superb 'feat of engineering' has to offer.



add a 6 behind each of these controls.

## BUT IT'S THE SOUND

CD gives you a signal to noise ratio of 96db. There is absolutely no hiss, no scratch, and best of all, no surface noise.



Conventional records and tapes have a dynamic range of perhaps 50db. Dynamic range is simply the difference in





# The Day The Earth Shook

You can set off seismographs with the enormous power of this 300 watt (150 X 2) audiophile integrated amplifier and digital tuner, or reproduce the sound of a pin dropping, flawlessly, at a really earthshaking price!

By Drew Kaplan

The excitement is back. After 5 years of boring 20 to 50 watt per channel non-dramatic sounding amplifiers, Scott is igniting your music again!

Of course, with the avalanche of CDs being sold, Scott doesn't have much choice. High power and super fast slew rates are needed just to keep up.

So, Scott has attacked distortion and dynamic restriction at its source with these new, top of the line, components.

With CDs your sound can go from 0db to 90db instantly. And, while CDs can even make an old tube amplifier sound terrific, wait till you hear them through this enormously powerful amplifier.

In fact, wait till you hear any source material open up and become free and vibrant with new life.

But, before we explore the nuts and bolts of Scott's 300 watt (150 watts per channel from 20hz to 20,000hz with no more than 0.009% THD) amplifier, let's look at the special extras.

## SCULPTURE YOUR SOUND

There's a built in 7 band graphic equalizer. With an equalizer, you can bring crashing cymbals to life or energize the sound of a string bass without destroying any of the mid-range.

With the aid of this equalizer, you won't just hear a string bass, you'll feel it. It will become a living, breathing, resonant part of the music. There's so much life, you'll be amazed.

And, you'll thrill to the impact of a cymbal crash or the gentle nuance of brushes on a snare drum. With the clean power of this amp and the ability to 'detonate' the high and low frequencies, you'll simply be thrilled by your music.

## MORE CONTROLS

With this 150 watt per channel integrated amp, you can operate 2 pairs of stereo speakers with power to spare. And speaking of power, there's a Bass Boost which adds 9db at 50hz.

There's an electronic volume control which isn't subject to mechanical aging

that causes clicks, pops and static in traditional controls. Just touch the bar to raise or lower the volume.

You'll have individual buttons to choose between Tape, Phono, Video, CD or Tuner inputs. And an Icon you can see from even across the room, lights to show what you've chosen.

And, you'll want to know what's selected, because you'll control power, up/down volume, and mute with the included infrared remote control.

Now when you settle down in your favorite listening chair, you won't have to go back to your stereo to adjust volume or to mute the system whenever the phone rings.

## QUARTZ-LOCK TUNING

It's Scott's new top of the line tuner. And, as you'd expect, you're going to get great AM and FM stereo reception.

Tuning is controlled by an advanced quartz PLL (Phase Locked Loop) digital synthesizer tuning system. The system compensates for any change, assuring you of a crystal clear, stable signal.

In addition to the 16 presets (8 AM and 8FM), you can 'Scan' stations manually, or you can automatically seek the next broadcasting station.

There's a Mute/Stereo/Mono button which effectively mutes out weak stations and noise. You can defeat Mute/Stereo and lock in on even the weakest stations in Mono if you wish.

I've always found that AM tuners in receivers weren't very good. Well, Scott has improved AM reception.

First, the power supply for this separate tuner is actually in the integrated amplifier. Although the tuner is a separate component, only low, non-interfering voltage is supplied to the tuner.

LEDs show when a station is 1) 'locked in', 2) broadcasting in Stereo, and

3) the signal strength. If you tape a lot off FM as I do, this synthesized tuner's capability to lock in stations is remarkable.

## BUT IT'S THE POWER

Switchable LED power meters display 0 to 50 watts or .5 to 200 watts of power. But, you won't have to see the output power to experience its awesome effects.

Whether you have a CD or not, more power doesn't mean louder. It means cleaner, unconstricted sound that is transparent and literally exploding with life.

With 150 watts per channel, your soft listening will gain depth and fullness. And, your loud levels will not suffer clipping and dynamic restriction. Of course, you may be restricted by your neighbors, but that's not Scott's problem.

## CHECK THE SPECS

Scott was a household name in the 60s while I was growing up. Let's see how they've grown up too.

The frequency response of this amp stretches from 10hz to 60,000hz. It has a 95db signal to noise ratio. And the equalizer can alter the frequency response by  $\pm 10$ db at 63hz, 160hz, 400hz, 1000hz, 2500hz, 6300hz and 16,000hz. It's backed by Scott's limited warranty.

## MAKE THE EARTH MOVE RISK FREE

Awesome power will make your music throb with life. Now you can enjoy the true impact of CDs and make any music you listen to, a thrilling experience.

If you're not 100% satisfied, simply return it in its original box to DAK within 30 days for a courteous refund.

To order Scott's Top Of The Line 150 Watt Per Channel Integrated Amplifier and Tuner with 7 Band Equalizer risk free with your credit card, call toll free, or send your check for DAK's break-through price of just \$399 (\$14 P&H). Order No. 4722. CA res add tax.

150 watts per channel of pure power and a quartz locked digital tuner will make your future years of music listening an on going fabulous, if not earthshaking, experience.



# No Cable Mike

**Now, you can have total freedom when you use one of these new wireless professional crystal locked microphone systems with your PA, stereo, tape deck or even your video camera.**

You're free. Don't be tied down to one place by a microphone cable any longer. Now, you can move around the stage, throughout an auditorium or your home.

Inside or out. You'll use one of the new Nady cordless mikes for meetings, recording sessions, in classrooms, or even for home recordings.

If you're within 200 feet (100 feet for video camera model) of a sound system or tape deck, these new wireless mikes let you 'plug-in' with the flip of a switch.

## AN OLD IDEA, A NEW SYSTEM

In the past, there were two types of wireless microphone systems. There was the low power, short range FM type that constantly drifted. It competed for space on the standard FM radio band.

You used the microphone to broadcast to a nearby FM radio. The mikes sold for about \$30.

Then, there was the professional quartz locked Hi-Power version that worked great, but cost \$300 to \$500 and required an FCC license to operate.

Now, there is a new professional quartz crystal locked system that DAK is introducing for just \$169. It consists of a mike/transmitter and matched receiver.

**Plus, look at this.** You can choose either a lavalier or hand held mike. And, you can choose receivers that either plug into your PA, stereo, tape deck or your video camera.

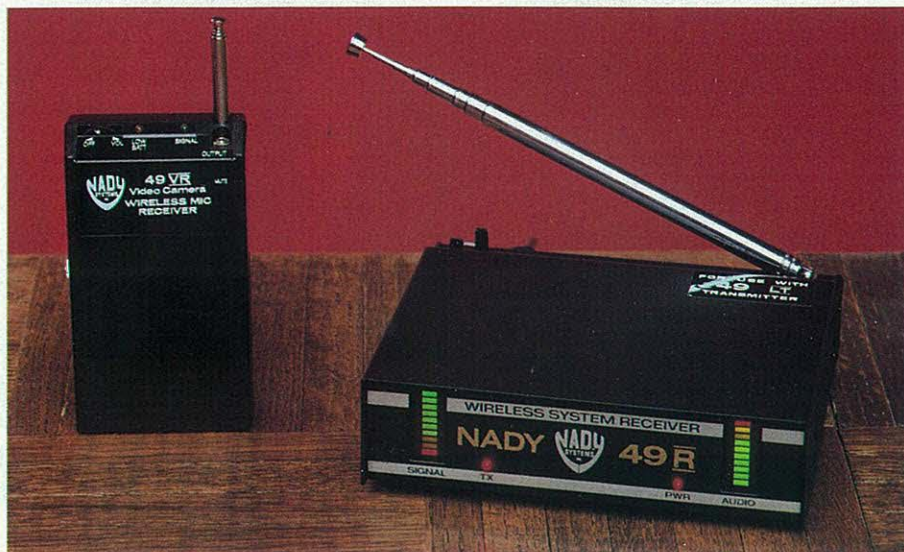
Just like a fine electronic watch, both the transmitters and receivers are fitted with factory calibrated quartz crystals which absolutely lock in your signal.

It can't drift, there's no static, and it doesn't require an FCC license. The FCC released the 49mhz radio transmission band for use with these microphones. So, you won't encounter interference like you would with microphones that use the standard FM radio band.



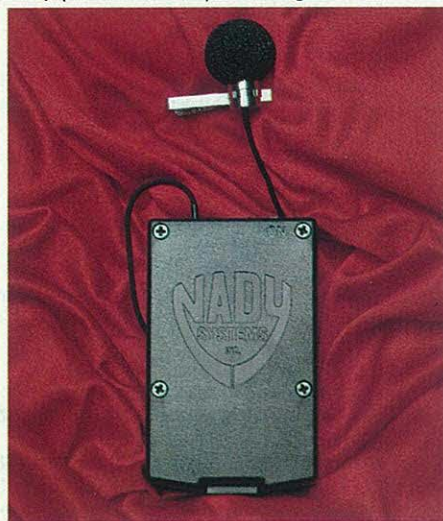
## THE WALLS OF JERICO

When Gabriel blows his horn, the sound will come through loud and crystal clear.



The Nady mikes use the latest electret condenser microphone system to provide a wide smooth frequency response.

You'll be able to talk or sing through these mikes with perfect fidelity. Each mike is powered by a standard 9V battery (not included) for long life.



Choose the lavalier tie-pin mike for speaking or singing when only one person is using the mike. Use the hand held version when it will be passed around or if the 'user' likes to hold a mike.

## NO INSTALLATION

It's easy. The quartz locked receivers just plug in. The base receiver has a 10 element LED signal strength meter and a 10 element audio power meter. It's a truly professional system.

Just plug it into any mike input in your PA system, stereo system or tape deck. Then plug in its AC cord, and away you go. You'll have a truly professional wireless system with a range up to 200 ft.

The video camera receiver is a one of a kind product. Now, you can be really free. Just attach the receiver to your camera (velcro included) or clip it to your

belt. A cable (included) plugs right into the mike input on your camera.

Then start making video movies with great sound. Now, you can follow the action while the sound stays solidly locked in with a range up to 100ft.

So, if you can see the person in your viewfinder, you can hear them flawlessly too. The video camera receiver operates on a 9V battery (not included).

You'll get a great reception with this professional microphone system at musical presentations, church services, weddings and dozens of other events, including great sounding recordings at home.

These systems are the most recent electronic breakthrough from Nady Systems, a company noted for their expertise in wireless transmission systems. It's backed by a standard limited warranty.

## TRY A WIRELESS MIKE SYSTEM RISK FREE

Plug in a professional wireless mike system and experience total freedom and great fidelity. Talk into the powerful mike/transmitters. Walk over the entire area which you would like to cover.

Speak or sing. Whisper or shout. If you don't find the sound quality and range to be 100% professional, simply return the system to DAK in its original box within 30 days for a refund.

To order a Nady Crystal Controlled Mike System, risk free with your credit card, call toll free, or send your check for DAK's super introductory price of just \$169 (\$3.50 P&H).

Here are your choices. The systems are sold in sets only. For the Base Receiver with a Lavalier Mike, use Order No. 4137. For the Base Receiver with a Hand Held Mike, use Order No. 4138.

For the Video Camera Receiver with a Lavalier Mike, use Order No. 4139. And, for the Video Camera Receiver with a Hand Held Mike, use Order No. 4140.

Now your microphone moves with you. You'll be a hit at home, school auditoriums, sales meetings, and churches.

# The Great \$39<sup>90</sup> 2" TV Catch

Now you can carry Casio's 2" HQM (High-Quality Matrix) LCD TV in your shirt pocket, your glove compartment or your briefcase. For your desk, your patio or use at a ball game, you can enjoy TV for just \$39<sup>90</sup>. But, there's a catch.

By Drew Kaplan

Here are the facts. Superb, fabulous and awesome are words that simply don't describe the picture quality of LCD TVs.

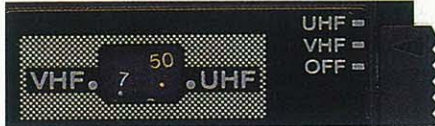
While the technology that makes these micro-TVs possible is superb, fabulous and awesome, frankly the picture quality has never been good enough to make it into a DAK catalog.

So, what is Casio's LCD TV doing in this catalog? Well, I've made a major buy that has enabled me to give you a TV that you can have with you all the time.

Now you can enjoy the instant replays and commentary when you're at a baseball or football game.

Now you can watch the news or any TV show anywhere you are. Now, you can watch VHF 2-13 or UHF 14-69 at the beach, at your desk, or on your patio.

And with LCD technology, you'll watch for up to 7 hours on just 2 AA batteries. Wow, the technology is impressive.



## BUT, THE PICTURE ISN'T

Casio may shoot me for saying this, but frankly their picture isn't much better than any other LCD TV. Oh yes, it's their newest 'High-Quality Matrix' LCD system with twisted nematic type liquid crystals for the best resolution.

And yes, there's a brightness control and a sensitive, 7 element antenna. But, if you're looking for superb, dramatically bright images, forget it.

The picture you do see will be sharp. It will be clear. And, you won't strain your eyes watching it like you did with some of the older units. But, exciting it isn't.

So, the real value of this 7 ounce (including batteries) LCD TV is that you can take it with you wherever you go.

And frankly, its size and my \$39<sup>90</sup> market breaking price, make it more than exciting enough to include in my catalog. But, don't forget there's a catch.

I have one and I wouldn't be without it. But, I wouldn't pay \$69 to \$99 for it. And, I certainly wouldn't pay \$150 for a less exacting color version.

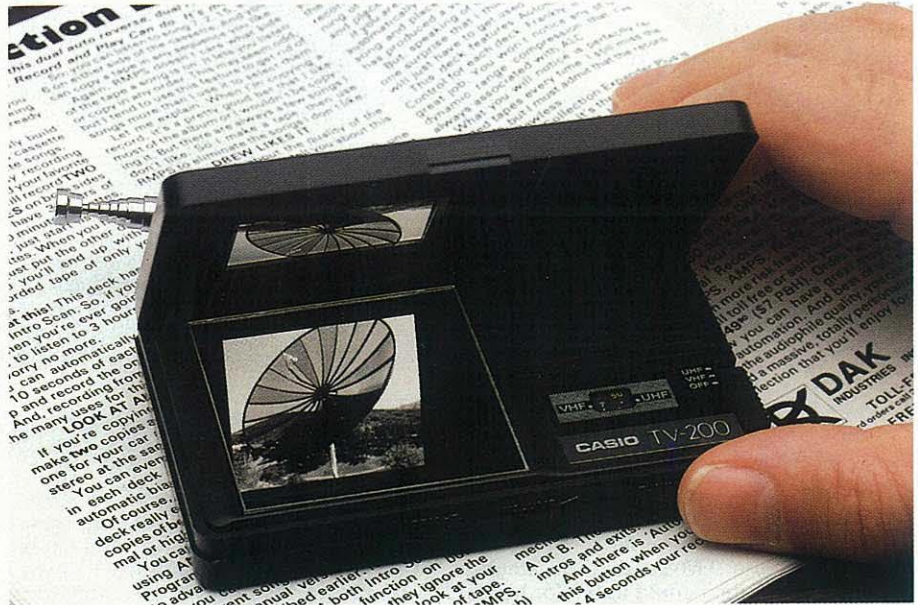
Now when I go to my son's track meets, I can keep up with other ball games. And if I'm at 'the' game, I can see the replays. It's really great.

If I'm at an airport or simply alone in a restaurant, this 7/8" thick, 2 1/2" deep and 4 1/2" long TV keeps me company. As you can see from the picture above, it is incredibly small.

So, you can work in the garden or lay down in a hammock. You can check the news during your lunch hour or see world events as they unfold.

From soap operas to opera, from game shows to movies, this TV will let you see all the broadcasts you'd normally miss. LCD TVs work by allowing light to pass through the LCD screen in the lid and be reflected on a mirror.

So, you're actually looking at the mirror and the picture is being projected through



the lid. Ordinary room light will give you a good picture with this TV.

And, unlike tube TVs, you can watch this TV in full sunlight. So, it's great outdoors. But, you can't watch in the dark.

The sound quality is equal to any regular TV and you listen to it through the included earphone. So, you'll never bother anyone with this truly personal, state-of-the-art LCD TV. It's backed by Casio's standard limited warranty.

The truth is that you'll love the ability to enjoy TV wherever you are. On the road, at the park, or in your garage, you'll find this LCD TV a real joy.

But, I'd beware of anyone who uses too many superlatives to describe the 'superb' picture quality of any LCD TV.

## THE CATCH

Frankly, we are losing our shirts on Casio's 2" LCD TV, but we're looking for audiophiles who use audio cassettes.

We make a cassette with great sound and no problems. We want you to try DAK's Gold Label MLX Ultra high energy normal bias or high bias cassettes.

Don't pay \$4<sup>50</sup> or even \$3<sup>50</sup> for your cassettes. Buy factory direct for just \$2<sup>49</sup> for DAK MLX normal bias or \$2<sup>69</sup> for MLX<sup>2</sup> high bias 90 minute cassettes.

We challenge you to compare the frequency response, dynamic range and signal to noise ratio of our Gold Label MLX, to Maxell or TDK cassettes.

DAK's high bias MLX<sup>2</sup> cassettes are especially well suited for capturing the drama and impact of compact discs. They have remarkable headroom and a superb signal to noise ratio.

And DAK's vault-like housing will protect your cherished music. We developed special cassette liners with multiple spring creases that gently guide each layer of tape as it winds within the cassette.

This makes DAK cassettes ideal for the rigors of car and personal stereo use.

DAK's normal bias cassettes have a frequency response to 19,500hz and our high bias to 21,000hz. Both come with individual hard plastic boxes, index

insert cards and a standard one year limited warranty.

## WHY, YOU MAY BE ASKING

You're very valuable to us in the form of future business. Over 1,600,000 customers have responded to bonuses like this. We find most of you keep buying once you've tried our cassettes and our prices; and that's a worthwhile gamble.

## TRY DAK MLX & MLX<sup>2</sup> CASSETTES RISK FREE

Now you won't miss your favorite programs when you're out. Now you can keep track of one game while you're at another. And now, you'll never be alone when you want a TV for company.

To get the Casio LCD 2" TV with Casio's new High-Quality Matrix LCD system for just \$39<sup>90</sup>, just try 10 MLX or MLX<sup>2</sup> cassettes. If you aren't 100% satisfied, return only 9 of the 10 cassettes and the LCD TV in its original box within 30 days to DAK for a courteous refund. The 10th cassette is a gift for your time.

To order 10 Gold Label DAK 90 minute cassettes and get Casio's go anywhere High Quality Matrix, Twisted Nematic Type LCD TV complete with earphone risk free with your credit card, call toll free or send your check for just \$24<sup>90</sup> for the MLX90 cassettes plus \$39<sup>90</sup> for the TV and \$4 P&H. Order No. 4849. CA add tax.

If you prefer our MLX<sup>2</sup> high bias 90 minute cassettes for superb CD reproduction, send just \$26<sup>90</sup> for the MLX<sup>2</sup> 90 minute cassettes plus \$39<sup>90</sup> for the TV and \$4 P&H. Order No. 4850.

It's TV to go with Casio's latest innovation. If you can be satisfied with a sharp, but not vibrant picture, you can now quite literally hold the world in the palm of your hand.



**DAK INDUSTRIES INC.**

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For Toll Free Information, Call 6AM-5PM Monday-Friday PST  
Technical Information... 1-800-272-3200  
Any Other Inquiries... 1-800-423-2866  
8200 Remmet Ave., Canoga Park, CA 91304



# DJ Stomper

*The odds aren't in your favor. Between tons of commercials and DJs who talk forever, listening to FM isn't what it used to be. And, if you try to record, you're likely to have a DJ talking right into the beginning of your favorite song.*

By Drew Kaplan

It's a shame. FM used to be almost commercial free. I could listen for hours and really enjoy the music.

But now, it seems that there are more and more commercials and the DJs are talking instead of playing music.

So, the odds of having nondistracting music seem to be increasingly against me. Besides, I don't even like every song they do play. So, here's how I've solved the problem.

## LARGE RECORD COLLECTION

Recently I polled DAK customers and found that many of us own as many as 300 to 500 LPs, so I think we're contributing our share to the record companies and artists.

Besides, many of the songs I want, that I don't already own, aren't being sold any longer. And, at 40, I'm afraid the current 'hits' just aren't my style.

So, the only way I can continue to increase my music collection is by recording off FM. And, with Sansui's help, I'm building my collection again.

## HERE'S WHAT I DO

Having a dual deck is really great. Not only can I expand my collection, I can effortlessly make copies of my cassettes to use in my car and personal stereo. A dual deck really is terrific to have.

And a Sansui superb deck is even better. Anyway, here's how I'm building my collection. I tune in an FM station, start my recorder and leave.

Whenever I have time, I play back my recorded tapes (I usually have 20 to 30 recorded, DAK cassettes of course), and whenever a song I want comes on, I automatically copy it on the second deck.

## NOT SO EASY?

Well, here's where Sansui's special features really make my life great. First, I make all the original recordings using Dolby® C for a 74db signal-to-noise ratio.

And, look at this. Usually when I'm in the middle of a song I like, it's a big hassle to find the beginning. Well, with Sansui's automated deck, it's easy.

This deck features AMPS (Automated Program Search). I can automatically

locate the beginning of the song I'm listening to by touching a button. Wow!

In fact, I can locate any individual song up to 15 tracks away. So, I'm in total automated control. And, I never have to go searching for the song I want.

But that's not all. Remember the obnoxious DJ that talks into the opening seconds of the song you want? Well, Sansui's deck has both Record Mute, which lets you eliminate the talked over segment, and a fader so your entros and exits can be smooth.

So, now you can have the songs you want. You can have them in any order you want. You can have them without a DJ's voice. And, you can copy them for your car and personal stereo.

And, speaking of copying, you can copy them at high speed or normal speed by switching a single button. You can also select normal, or Dolby® B or C noise reduction with another button.

Finally, there's a Timer button. So, if there's a particular show that you'd like to record, use an external timer like DAK's on the back cover of this catalog. And, you can set this deck to record just what you want, when you want it.

## GREAT DECKS

This superb dual deck has really opened a whole world of music acquisition for me. But, all the automation in the world is worthless without great sound.

The decks use the best High-Bs hard permalloy heads for recording and playback, and a double-gap High-Bs ferrite head for erase. With metal and chrome tapes, if you don't erase well, your signal-to-noise ratio goes down the sewer.

And mechanically, it's a pure, solenoid automated delight. Just touch any of the operational controls and this deck leaps into action.

And, when it leaps into action, you'll have sequential play. So, you can have double the uninterrupted listening time.

When it finishes playing the tape in deck A, it will automatically play the tape in deck B.

There are separate electronically controlled DC capstan motors for super

smooth flutter and wow. And separate DC motors drive the unwinds and rewinds for each deck for perfect torque control.

These decks will really cherish your treasured tapes. And, you'll be thrilled by the automation they provide. For normal or high speed dubbing, there's a single electronic button that starts both decks concurrently.

But, most important is the frequency response. It is 20 to 15,000hz with Normal Bias, 20 to 16,000hz with Chrome, and 20 to 17,000hz with Metal tape.

And, whichever tape you use you will have the bias and equalization automatically switched by the deck. There are no buttons you'll need to push.

There's one surprise that I think we 'tape nuts' will just have to get used to.

It has Automatic Level Control. Frankly, it does a great job. You won't notice any of the dynamic range compression that I've always associated with ALC.

What you will notice is perfectly recorded tapes every time. I still miss the controls, but I must admit that the recordings are flawless with signal-to-noise ratio computer controlled to maximum.

It's made by Sansui and backed by their standard limited warranty.

## STAMP OUT TALKATIVE DJs RISK FREE

Record from the most dramatic digital disk you own. Record off FM. Then copy the tape and listen to the copy. You'll be amazed at the great sound quality.

Wait till you feel the quality of this deck's controls. If you're not 100% satisfied, simply return it in its original box within 30 days to DAK for a refund.

To order Sansui's Dual Cassette Deck with High Speed Dubbing, AMPS, Record Mute, Fader, Sequential Play, and much more risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just \$249 (\$7 P&H). Order No. 4857. CA res add tax.

Isn't expanding and enjoying music the whole reason you became an audiophile? Well, with some help from Sansui, we can all get more enjoyment from our music from now on.

# Typewriter Extinctinator

Now you can type without ever reading instruction manuals. You'll have computer power without EVER having to remember a single command. And, your kids can do their homework without ever asking for programming help.

By Drew Kaplan

OK, it looks like a computer. But, it's as easy to use as a manual typewriter.

Imagine opening the box and starting to type without ever reading the manual. Imagine never having to memorize a single command. You'll concentrate on creating, not programming, with Magnavox's all new Videowriter.

Like a typewriter, it has its own built-in printer. So, there are no cables to run. There are no programs to learn. And, there's even built-in spelling.

## DON'T GET ME WRONG

It may be as simple to operate as a manual typewriter, but it's really powerful.

There's nothing you have to do. Tabs, margins and number of blank lines at the top and bottom of the page are preset for you (you can change them, of course).

You can type outlines, letters, reports, resumes or newsletters instantly.

Let's say you want to center a line. Just touch the Center button. But, if you want to add pizzazz, look at all you can do.

Without learning a single command or having to program anything, simply touch the 'Style' button.

You'll see a list of options. You can: 1) Normal Type, 2) Double Width Type, 3) Subscript, 4) Superscript, 5) Bold, 6) Underline, and 7) Bold Underline.

So, all you do is choose an on-screen number without reading the manual or remembering anything. It's amazingly simple, but you'll produce incredibly professional looking, hassle free documents.

When you touch the 'Page' button, you can select: 1) change tabs, 2) change to double spacing, 3) indent paragraph left, 4) indent both sides, and 5) no indent.

The plain fact is that you can produce professional letters and reports without ever learning a word processing program. How hard can it be to choose number 4?

## IT'S ALL THE SAME

Just touch 'Spell' to check the spelling of a word. If you're right, it says, 'Correct'. If you're not, you'll see a list of up to 10 possible word choices.

So, it's a 50,000 word dictionary too. Plus, you can add 1,000 words.

Remember, everything is done by simply touching buttons and responding to numbers on the screen.

## VERY IMPORTANT

If you have children, now they can do their homework on the Videowriter without having to ask for your help. My 8 year old wrote an autobiography without asking a single technical question.

Of course, he had a lot of questions about what he should and shouldn't include, but for the first time he had a problem free typewriter. And, he didn't forget to save his work either.

Look at this. Every few minutes, the Videowriter saves your work. So, if there's a power failure, all your hard work won't be zapped to data heaven.

When you type, you'll see each character exactly as it will appear on paper. If it's centered, it will be centered. If it's bold, it will be bold. It's great.

## BUT YOU CAN DO IT ALL

The only similarity to a computer is



that there's a cursor that shows you where you will type the next character. And, a 'DO' button does it all.

Let's say you want to repeat a phrase, a line or a paragraph. Well, just touch the Copy button. A message will flash that says, "Copy What?"

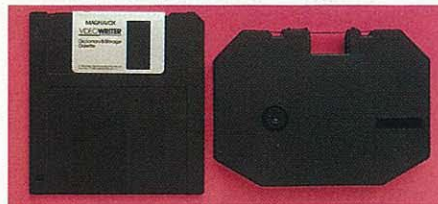
Just move the cursor over the area that you want to copy, touch the 'DO' button and it's copied. And, you can move copy just as easily as you can copy it.

So, you'll have the advantages of word processing with no commands to learn.

Let's say you wrote me a letter. But, instead of spelling my name 'Drew', you spelled it 'Dru'.

Well, just touch 'Find'. You'll have your choice of simply finding each location or replacing each incorrectly spelled 'Dru' with 'Drew', automatically.

It's a phenomenally useful feature for a multi-page report. Plus, this typewriter will automatically create page breaks for you. And, if you make changes on the first page of a 5 page report, it will automatically repage the whole report. Wow!



## ELEPHANT'S MEMORY

There's a 3 1/2" disk that you simply leave in the machine. You won't be working with floppy disks. This disk holds up to 70 pages of text and the dictionary.

When it's full, just erase your old papers or just pop in another 70 page disk. There's nothing to 'boot up' or format.

So, if you write a paper or a letter today, you can work on it tomorrow. Or if you're sending out resumes, you can personalize each one without retyping.

You can send the same letter to 10 people by simply changing the name and address each time. It's really easy.

## PRINTING MADE EASY

Forget cables. Forget commands. Just push the Print Button, and then the DO button and away it goes. The printer is built into the top of the Videowriter. It uses 75,000 character ribbons and types on any smooth paper or envelope.

The printer will automatically print in 25 character per second near letter quality mode or 50 character draft mode.

It's all easy. The printer basically says, "Can I print this letter?". You respond by touching the 'DO' button.

It's ideal for small business and home use. And, for primary school to college students, it's a phenomenal aid that will set your children free from programming and set you free from helping them figure out complicated commands.

## EXTINCTINATE TYPEWRITERS RISK FREE

Nobody loves computers more than I do. But, Magnavox has achieved computer capabilities with typewriter ease. Even electronic typewriters are more complicated than the Videowriter.

If you're not 100% thrilled, simply return it in its original box within 30 days for a courteous refund.

To order your Videowriter with the simplicity of a manual typewriter but the power of a word processor risk free with your credit card, call toll free or send your check, not for Magnavox's \$799 retail price, but for DAK's breakthrough price of just \$579 (\$20 P&H). Order No. 4853. CA res add tax.

Extra 75,000 Character Snap-In Ribbon Cassettes are just \$4<sup>90</sup> (\$1 P&H). Order No. 4854.

Extra 70 Page Pop-In Reusable Disks with a 50,000 Word Dictionary are just \$6<sup>90</sup> (\$1 P&H). Order No. 4855.

A high Impact Deluxe Case (yes, this system is portable) is just \$69<sup>90</sup> (\$4 P&H). Order No. 4856.

P.S. I just found a reason to read the short 28 page manual. The Videowriter has automatic return at the end of each line. It's a great feature that I didn't notice. Also, I found a toll free 800 line for 'typing questions', in the manual. Wow!



## \$299 Entertainment Bombshell

Now you can enjoy a vibrant color TV combined with the sound from a stereo system that includes dual cassettes with high speed dubbing, AM/FM Stereo and albums too. You'll hear it all through matching bass reflex speaker systems.

Immerse your senses. Now you can enjoy a feast of entertainment choices at an incredible, market breaking price.

And, it's not just the quantity of the sources or the decorator styling you'll be enjoying. It's the picture and sound.

The high quality TV delivers superb pictures by using an in-line gun, slotted mask, black matrix 13" picture tube.

The super crisp, vibrant color picture is locked in automatically when you touch the AFC/Auto Color Button.

There are 12 preset direct access buttons for channels VHF 2-13 and UHF 14-82. And, wait till you hear the sound.

You can listen to the TV's built-in speaker. Or, you can thrill to superb TV sound when you listen through the AV music system.

### ADVANCED AV SYSTEM

It's a true marriage of audio and video. After you've 'listened' to the TV, select one of the audio sources and sit back and enjoy your music.

You'll have dual high speed dubbing, sequentially playing cassette decks. So, you can copy tapes at high speed.

Or, for extended entertainment, these decks will play sequentially. Uninterrupted music is really great.

The carefully crafted mechanisms will cherish your treasured cassettes. And, you'll be able to make copies for use in your car or personal stereo, hassle free.

You can record cassettes from any of the system's sources, including TV sound. And, you can plug in your own mikes for great sounding live recording.

### ALL THE MUSIC

You can play all your favorite albums. A belt driven, 2 speed space saver turntable lets you play both LPs and 45s.

The FM tuner is very sensitive. It has a built-in antenna, or you can connect an external antenna, if you desire.

A bright LED indicator on a large slide rule dial shows you exactly what you've tuned, and a stereo indicator lights when you've tuned in a stereo station.

Automatic AFC locks in your stations so you won't have to worry about drift,

sore throat. And for TV sound, you'll be amazed at the difference.

Finally, you'll be listening through full range ported bass reflex speaker systems that really deliver rich sound.

It's a solid 46" wall of vibrant picture and sound which you can put on a shelf or table as shown (the left speaker is cut off in the picture). Or, you can separate the parts to suit your room.

This beautifully designed system will add a touch of elegance to any room. And, it sounds even better than it looks.

The audio system is 13 3/4" tall, 12" wide and 10 3/8" deep. The TV is 13 3/4" tall, 13 3/4" wide and 15 1/2" deep. Each matching bass reflex speaker system is 13 3/4" tall, 10" wide and 5 1/4" deep.

It's all crafted with European rounded styling in rich ebony. It's made by Yorx, a company famous for its innovations, and backed by their limited warranty.

### \$299 ENTERTAINMENT BOMBSHELL RISK FREE

Wait till you see the picture. Carefully inspect the picture for clarity, brilliance and vividness of color. The picture quality is simply breathtaking.

Listen to the TV through the music center. Then listen to your favorite cassettes, records and radio stations. It's an incredible system at an incredible price.

If you're not 100% satisfied, simply return it in its original box within 30 days to DAK for a courteous refund.

To order Yorx's New Integrated Audio/Video System with 13" Slotted Mask, Black Matrix TV, Dual High Speed Dubbing, Sequentially Playing Cassette Decks, Sensitive AM and FM Stereo Tuners, 2 Speed Belt Drive Turntable and matching Bass Reflex Speakers risk free with your credit card, call toll free or send your check for DAK's market breaking price of just \$299 (\$24 P&H). Order No. 4851. CA res add tax.

Never has so much been had for so little. You'll be thrilled with the versatility and sound quality of this all new audio visual entertainment system.



especially if you're recording. You'll really enjoy the quality of the FM broadcasts you receive.

An AM tuner rounds out the inputs with reliable, static free sound. So, you can keep up with the news or your favorite stations on AM too.

This is an ideal system for your bedroom, den or family room. It's great looking. It's great sounding. And, you can choose from a 'feast of entertainment'.

### GREAT SYSTEM

There's a 3 band equalizer that lets you sculpture the sound much better than with bass and treble controls.

You can add more thunder to your bass or more life to your highs without making the mid-range sound muddy.

It's really nice to be able to boost the highs and lows without making your favorite singers sound like they have a

# Wireless TV Marriage Saver

Now you can watch late night TV without bothering your spouse. Now you can listen to any audio source **WIRE FREE!**

By Drew Kaplan

It's a problem. I like to watch the late late movies and my wife wants to sleep. I also like to flip channels and it drives her crazy.

Well, now I can listen as loudly as I like, as late as I like, and there are no complaints.

And speaking of loud, if you know someone who is 'hard of hearing', now everyone in the room doesn't have to be bombarded by a loud TV.

## HERE'S HOW IT WORKS

The system operates on waves of infrared light, just like your remote controls. So, there's virtually no noise and no interference, with a 30-18,000hz frequency response.

Simply plug the AC powered transmitter into an earphone jack or audio out from your TV, VCR, or other audio source.

You wear a great sounding pair of featherweight stereophones which plug into an amplified receiver.

You'll have your choice of Mono or S.S.A (Spatial Sound Around) simulated



stereo. Of course, you'll control the volume. (9V battery not included.)

And look at this. If there's no headphone jack, there's an optional micro-

phone that you simply place in front of the TV's speaker. It's so sensitive that you barely have to have the sound on to listen, so you still won't bother anyone.

It's also great if your kids want to watch TV while you read. It's backed by a standard limited warranty.

## WIRELESS TV FREEDOM RISK FREE

Luckily, my marriage is happy, but the late night TV has been a problem. Wait till you hear the sound quality carried on a wave of light. It's amazing.

If you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your complete Transmitter, AC power Supply, Receiver, and Stereophones risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$49<sup>90</sup> (\$4 P&H). Order No. 4860. CA add tax.

You can add as many extra receiver/stereophones as you wish for just \$29<sup>90</sup> (\$2 P&H). Order No. 4861. If you don't have a headphone jack, the installation free, sensitive microphone is just \$19<sup>90</sup> (\$2 P&H). Order No. 4862.

You'll have wireless sound freedom.

# Where Are You Really?

If you've got two phone lines, you can now be reached by phone wherever you are, directly.

By Drew Kaplan



It's great. Now I can be anywhere I want and still answer my own home or office phone.

This installation-free device sends calls coming in on one line out to find you on your 2nd line. And best of all, the person calling never knows.

It simply plugs into any standard 2-line modular phone jack. When you want your calls forwarded to where you're going, just turn it on, dial the number and get ready to receive calls.

You can be in a different area code, you can have pulse or tone dialing, and you can even limit the time of forwarded calls.

Now, if you are out, you can

be in to callers. And, it's not only a great convenience, it's a great security device if you have children in school or relatives who depend on you.

It plugs in instantly and can be activated or deactivated instantly. It's backed by TT System's standard limited warranty.

## WHERE ARE YOU? RISK FREE

Now I can be at home and pretend I'm at the office. And, the sound is great.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order TT Systems Tone/Pulse Automated Installation Free Call Diverter risk free with your credit card, call toll free or send your check for just \$89<sup>90</sup> (\$4 P&H). Order No. 4863. CA res add tax.

It gives you total freedom and security. Now you can really harness your two lines.

# Wireless WalkLite

Now you can have romantic and safe lights in your yard without any wires.

It's true. It's sunshine at night. The new WalkLite is solar powered by day to provide a soft romantic light by night.

In your garden, on your patio or anywhere in your yard, you can have light without running wires or putting in batteries. Each WalkLite comes with its own 2' pole, or it can be wall mounted.

Just after dusk, these incredible lights will come on and will provide an average of 4 to 5 hours of gentle warm light each night.

By day they are charged, by night they give back the light to brighten and romanticize your home, night after night.

They'll add glamor to your yard, deck areas or even by the back door. And since there's no wiring and no maintenance, you'll really appreciate these lights over the years.

They aren't flood lights, they provide a soft glow for a safer, more romantic yard. They're made by Chronar and they are backed by their limited warranty.

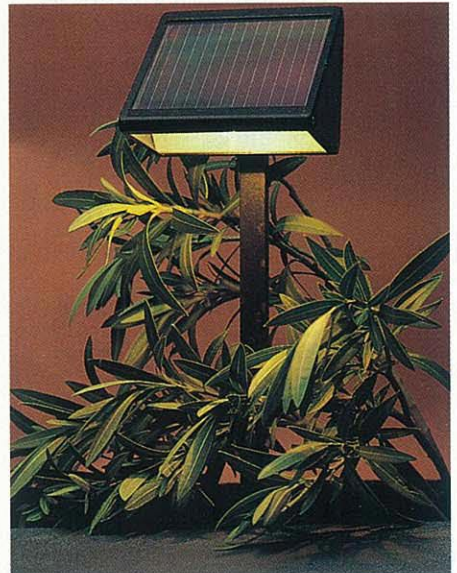
## WIRELESS WALKLITES RISK FREE

As you walk in your yard, you'll really appreciate these beautiful lights. They really are lovely.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order Chronar's Wireless WalkLite Rechargeable Yard Light risk free with your credit card, call toll free or send your check for just \$49<sup>90</sup> (\$5 P&H). Order No. 4864. CA res add tax.

Look out of your window tonight and imagine the warmth of automatic WalkLites lighting your garden.



# Office Espionage Here?

*You may not buy this product, but I'll bet you'll be doing some serious thinking after you finish reading this ad.*

By Drew Kaplan

It can be legal. And it happens all the time. Competitors or fellow workers can find out all about you. They can find out what products are selling, how much your company makes and how much each of your fellow workers earn.

Imagine knowing which of the products of your biggest competitor are really selling. Imagine knowing what products are going to be introduced. And imagine seeing other people's taxes.

## EASIER THAN YOU THINK

If this all sounds like foreign intrigue, think again. The biggest security leak in most companies is probably sitting right beside you as you read this catalog.

It's your waste basket. At home it's trash cans, at work it's dumpsters. Either way, virtually all your confidential information finds its way into your trash.

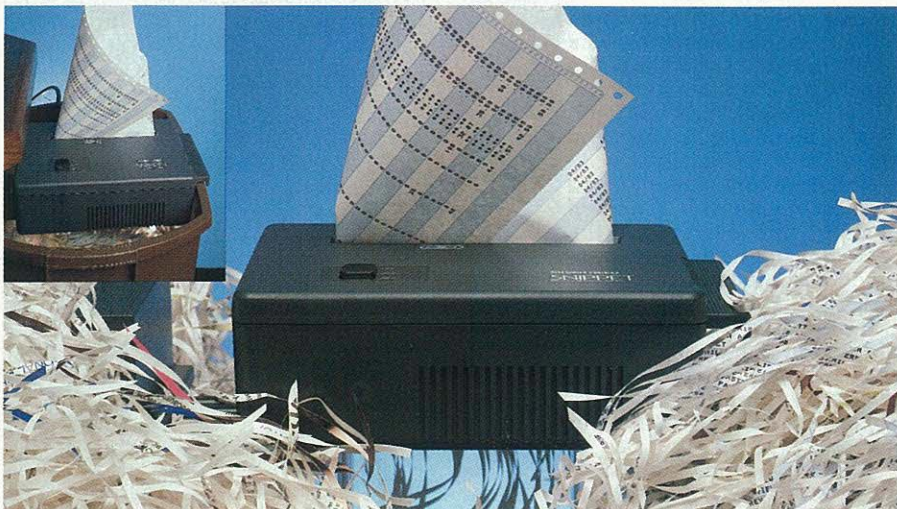
At restaurants, it's credit card copies. What is it at your home or company?

Now you can effortlessly shred your confidential papers and protect your secrets. This heavy duty personal paper shredder adjusts to sit on virtually any waste basket, just like the one that's probably sitting next to you right now.

Switch it on and you can feed in 4 to 6 8½" X 11" sheets at a time. Or, several computer printouts can be destroyed.

It's very powerful. It has reverse in case you feed in too many sheets of paper. And, it's very fast.

## PARANOID?



Well lately, I've read some very distressing articles. And frankly, I'm worried. If you're like me, you've always considered the trash a one way trip to oblivion.

And, whether or not you decide to protect yourself with this breakthrough product from Silver Reed, why not check out your own trash security today.

Silver Reed's Personal Shredder is backed by their limited warranty.

## SECRETS PROTECTED RISK FREE

Most people don't consider their pay stubs secrets. But, when I looked through

my trash, I realized that pay stubs were the least important 'secret' in my trash.

If you don't feel more secure, simply return it in its original box within 30 days for a courteous refund.

To order Silver Reed's Powerful Personal Shredder risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just \$149<sup>90</sup> (\$7 P&H). Order No. 4852. CA res add tax.

Why not spend a moment and look through the trash in your waste basket, your trash can or your dumpster? The results may shock you.

# Numb Ear Miracle

*Now you can say good-bye to numb ears and tired shoulders. Here's a telephone headset, with fully adjustable volume, that will set your hands free. And, it instantly plugs into your conventional Phone Company home or office phone.*

It's terrific. If you spend hours on the phone like I do, you're probably all too familiar with the 'numb ear syndrome'.

Well, here's a headset that simply plugs into your phone's own plug, without installation. It can be plugged in and out in seconds, and since it doesn't fit 'in' your ear, you can slip it on and off at will.

In the past, only people who sat at their desks all day would bother with headsets. But, with this amplified headset, you'll use it even for short calls.



## HERE'S HOW IT WORKS

The system consists of an amplifier (in the little box) with a full range volume control. So, you can set the volume to any comfortable level, even if it's noisy around you or if you don't hear too well.

The headset only covers one ear so you don't lose touch with the world around you. It has a comfortable foam cushion that rests on the outside of your ear, for hours of fatigue free conversation.

The microphone is positioned near your

mouth for flawless reproduction that sounds like a regular phone. There's a 7' cord that gives you freedom to roam.

If you look at your phone's handset, either at home or at the office, you'll see a small modular plug. It's about 25% smaller than standard modular plugs.



Unplug it from the handset, plug it into the ACS amplifier and start talking. **Note:** Only Phone Company phones (Tone or Pulse as pictured) are compatible. It's backed by a standard limited warranty.

## FORGET NUMB EARS RISK FREE

It's incredibly comfortable. It will end numb ears and it will free your hands. If you're not 100% satisfied, return it within 30 days in its original box for a refund.

To order your Numb Ear Miracle Hands Free Phone Headset risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$49<sup>90</sup> (\$3 P&H). Order No. 9771.

I like having my hands free, but most of all, I like the way my ear feels, or doesn't feel, at the end of the day.



It's so easy to use that you'll take it from home to work. You'll never have to use a regular telephone handset again. Now you can let your ears be comfortable and your hands be free.



# Mistaken Identity

Here's an incredible daisy wheel typewriter that thinks it's as smart as a computer. Not only does it automatically center, justify, underline, indent, bold face, right align, decimal tab and auto return, it's also a printer with a parallel port. It's a remarkable close-out at just \$169.

By Drew Kaplan

It's typewriter heaven. Now you can have a conventional typewriter with the ease of simply putting in paper and typing. You don't even need to read any instructions to type on this rugged typewriter.



But, if you're at all curious, one look at the comfortably sculptured keys will open a world of automation that will save you hours of effort and make all of your letters and reports look professional.

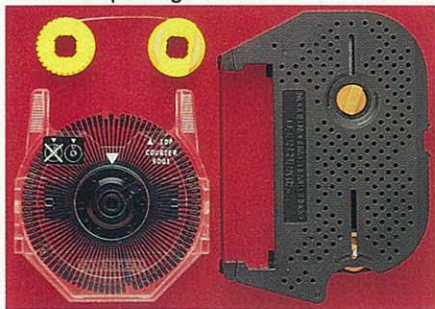
**EASY PERFECTION**  
Imagine typing 'werd' and then changing it to 'word' automatically. This intelligent machine remembers the entire last line you typed and will automatically lift off the incorrect letter.

If you made a mistake farther back on the page, just touch the correction key first, then the offending letter. The letter will be lifted off the page.

If you left out a letter, don't worry. There's even a half space key. Plus, if you've made a correction at the beginning of a line, one touch of the 'Relocate' button causes the typewriter to automatically reposition itself at the space after the last character you typed.

Every office convenience is included. You can choose 1 line, 1½ line, or 2 line spacing. You can electronically set tabs and margins anywhere on the 10" typing area of the 12" long, full-size carriage.

The interchangeable daisy wheels let you instantly choose formal, informal or even script type faces for business or personal letters. A front panel switch lets you select 10, 12, or 15 character to the inch spacing.



This machine produces 100% professional office machine quality type.

It has to. Because, in addition to being a typewriter, there's a standard centronics parallel interface built-in.

Simply connect a cable from any parallel computer output and you'll have a printer on line in seconds.

If you have a dot matrix printer now, why not switch to this printer when you want 100% personal looking letters.

The cable you are currently using will plug right into this machine. Wow!

**SO MANY FEATURES**



OK, so far it's a great typewriter that's maybe worth a few hundred dollars. But, it's so much more. Look at all you can do.

Once you've set your right margin, you can select 'Auto Return' which will eliminate having to push Return.

Whenever you type into the 'Hot Zone', (the last 8 characters on the line), this typewriter knows to automatically return at the first word-break.

You'll also have your choice of ragged right, or choose smooth right (justified), and your typed paper will have the same smooth right edge as push Return. Of course, you can set any width you desire.

Virtually all reports, outlines and presentations require centered titles. Well, just touch Center, and this typewriter will automatically center what you type.

You can also right align. This feature lets you type entries such as page headings, footings and the signature blocks without any calculations. It's automatic.

## REALLY GREAT LOOKING

You'll have perfect vertical and horizontal rule lines. The perfection of these lines really shows this typewriter's precision.

You can automatically have boldface or underlined characters wherever you want. And, in addition to standard tabs, you'll have great looking columns of numbers when you use Decimal Tab.

Just switch in the second keyboard and you'll have foreign language symbols.

It's really important to remember that this is a typewriter and requires no programming. If you want something centered, just touch center. Then type your words and push return. It's just like using any typewriter, except you get really professional results.

## IT NEVER STOPS

As I've said, you can simply connect this typewriter to a computer and you'll have 10 character per second, bidirectional, true letter quality printing.

But, you don't need a computer. There's a 19 character LCD display which you'll use when you type. And, you can also use it with the slide in memory cards.

You can store documents up to 4,000 characters on inexpensive business-size memory cards. So, this can be a typewriter with a memory, if you desire.

If you type a letter or you want to type 10 copies and send them to different people, just save the main letter. Then type the person's name and let the typewriter do all the repetitive work.

This typewriter can end drudgery and let you concentrate on creating ideas, not just typing them. It comes with a snap on carrying case. And, it's backed by Silver Reed's limited warranty.

## MISTAKEN IDENTITY RISK FREE

Well, this typewriter may not be wrong about its computer capabilities. But, it's certainly right about its ease of use.

If you're not 100% satisfied, simply return it in its original box to DAK within 30 days for a courteous refund.

To order Silver Reed's incredible Electronic Typewriter/Printer with all of its automated features risk free with your credit card, call toll free, or send your check for DAK's mind boggling, close-out price of just \$169 (\$9 P&H). Order No. 4845. CA res add tax.

Full Size carbon ribbon cartridges with 40,000 character capability are just \$4<sup>90</sup> (\$1 P&H). Order No. 4846.

Snap-In Correction rolls with 1100 character correction capability are just \$2<sup>90</sup> (\$1 P&H). Order No. 4847.

4,000 Character Infinitely Reusable, Slide-In Memory Cards are just \$39<sup>90</sup> (\$2 P&H). Order No. 4848.

This typewriter represents an incredible value for your investment and an incredible savings of typing time. It will revolutionize your letter & report writing.

# Mind Flash

*In the blink of an eye this new 6X power zoom, auto focus, auto white-balance 3.1 pound VHS C camcorder can capture images with 1/1000th of a second precision. For your family or for sporting events, you'll have breathtaking clarity. only need to use 2 buttons.*

By Drew Kaplan

First a confession. I haven't been impressed with camcorders. They've been big. And, most haven't been very easy to use.

They've also been too much trouble to lug along. And, most don't give you on-the-spot playback.

**Enter Magnavox.** Imagine a 3.1 pound (3.5 including battery) VHS C camcorder that's so small and automatic that it's easier to use than a 35mm camera.

Now I won't have to remember the action in my 'mind's eye', I can replay anything I see 1) through the camcorder's electronic viewfinder, 2) on any TV using the included RF modulator, or 3) on any of my VHS recorders using the included full size drop-in VHS adaptor.

Yes, it's 100% compatible with any home VHS machine. It even records in both high (SP) and slow (SLP) speeds.

You'll have up to an hour of recording on a compatible VHS C cassette. And because it's VHS compatible, you won't have to worry about obsolescence.



**And look at this.** This recorder features HQ recording for the best live pictures ever. The color fidelity is awesome. And, so is the live sound you'll record.

By using the electronic zoom lens, I can view an entire football or soccer field and then power zoom from wide angle to powerful telephoto, to zero in on just my son. Wow!

From bright patches of sunlight to shadows, it automatically adjusts for perfect brightness and color.

This camcorder will automatically focus and stay in focus all the time. And speaking of focus, there's no tube.

Magnavox has used the latest CCD solid state pick up device that has approximately 210,000 picture elements.

Each element responds to light with super sensitivity, producing outstanding picture and color reproduction in light levels all the way down to 7 lux.

## TECHNICAL WORDS-SIMPLE USE

After you read my ad, you can forget auto iris, white balance and color temperature. This camera automatically compensates not only for brightness, but for the difference in color temperatures between sunlight and incandescent light bulbs. It's called 'Auto Color Tracking'.

Of course, if you're standing outside



shooting in, or you're inside shooting out, you can manually switch if you desire.

In fact, if you'd like, you can manually take over any of its automated controls.

From light to dark, from near to far; it flawlessly locks in your picture. You can even capture subjects when you're facing the sun. Just push the special Backlight Button for perfect pictures.

What if you want to focus on an element of the scene instead of the whole scene? You have your choice of spot focus or wide screen focus.

The electronic black and white viewfinder shows you the speed you are recording, if you're in record or pause, the light level, and even what area you've chosen to focus on.

## BIG DIFFERENCE

Most camcorders record at 1/60th of a second. And, frankly that's just fine. But, with Magnavox's camcorder, you can switch to 1/1000th second resolution.

Then, when you play back your tapes on a 4 head VHS recorder, you'll have the most unbelievable slow motion and still frame pictures you've ever seen.

It's similar to the still frames you see on TV for ball games. And it's certainly



equal to the 1/1000th second setting on my 35mm camera.

It's great for seeing your golf or tennis swing or for horse or car races.

**And there's Macro too.** You can fill the entire screen with an image less than an inch away. It's great if you're into stamps or coins. Wow, wait till you see the resolution. Imagine filling a 25" TV screen with just the tip of your finger.

## IMPORTANT CONSIDERATION

You'll use all the buttons you see on the front of the camera. But, you'll really

You'll use a rocker switch which lets you move from wide angle to zoom (and anywhere in between), and you'll use the record, start and stop button.

Both controls are located under your fingers (where your hand is above).

## BUT IT'S THE PICTURE QUALITY

You can expect better than broadcast quality recordings when you use this sophisticated camcorder with CCD image pickup and HQ 4 head recording deck.

When only the best will do, this is the ultimate camcorder. You'll record vibrantly colorful birthday parties and family gatherings, speeches and graduations.

For hobbies, you'll improve your golf, tennis, or at the Kaplan household, my 15 year old is improving his long jump (he's on the track team). The 1/1000th shutter speed is phenomenal for him.

So for rich, vibrant memories, this camcorder will give you years of personal enjoyment.

## LOOK AT ALL YOU GET

Frankly, you can buy a cheaper camcorder (of course DAK's broken the price on this machine). But, if it's picture quality you want, I've never seen one that even comes close. And, in addition to picture quality, look at the incredible array of extras you get.

You get 1) The Camcorder, 2) The AC Adaptor/Charger, 3) The Rechargeable Battery Pack, 4) The VHS Cassette Adaptor, 5) A VHS C Cassette, 6) A Shoulder Strap, 7) The Wired, Pause Remote Control, 8) The AV Cable, 9) The RF Modulator, 10) A VHF Cable, 11) A 300/75 Ohm Adaptor and more. It's all backed by Magnavox's limited warranty.

## A MIND FLASH RISK FREE

What once flashed by your eyes once, can now flash by your eyes on your own TV thousands of times. It's so easy to use and so easy to carry that you'll want to share your memories with family members and future family generations.

If you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your VHS C Camcorder with

Auto EVERYTHING and all the extras listed above risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just **\$1199** (\$12 P&H). Order No. 4842.

Extra 1 hour Rechargeable Batteries are just **\$39<sup>90</sup>** (\$3 P&H). Order No. 4843.

A deluxe High Impact Protective Carrying Case is just **\$49<sup>90</sup>** (\$6 P&H). Order No. 4844. CA res add tax.

Well, I never liked camcorders. But wait till you experience Magnavox's color quality and ease of use. It's awesome.

# Beardroid Phone

Now you can own a robot creature that moves and talks just like you'd see at an amusement park. Get ready to interact with a Beardroid at home, at the office, or whenever you talk on the phone.

By Drew Kaplan

Forget cute. Forget cuddly. While this is certainly the cutest most cuddly bear phone I've ever seen, DAK was chosen to introduce him, not because he's cute, but because of the sophisticated technology that makes him robotic.

Yes, he's a hands free speakerphone. And, his new, advanced speakerphone capabilities rival his robotics.

But, before we explore why he can sound better than an industrial office speakerphone, let's see why he's so much more than a 'talking bear phone'.

## VOICE ANIMATED

First a warning. If you're a really serious person, this animated phone isn't for you. Oh, not because the sound or features aren't perfect, because they are. But frankly, he's really distracting.

I simply can't carry on a serious business conversation with an animated talking bear. Let me tell you why.

When you're on the phone, you can talk and the Beardroid simply listens.

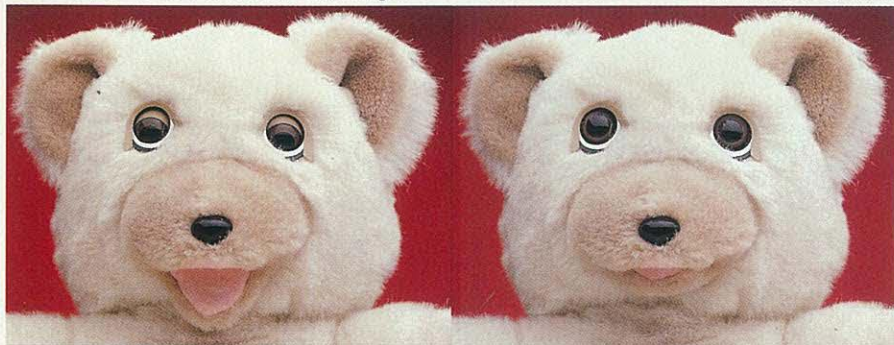
But, whatever the person at the other end of the line says is lip-synced by Beardroid. His mouth 'mouths' each syllable of each word as it's spoken to you.

Just imagine sitting in your corporate boardroom, negotiating a big deal while this bear's muzzle 'mouths' out the words. Frankly, whoever you're listening to looks hysterically funny. And they look funny, but sound great in your den, kitchen, bedroom (hands free is great) or office.

K.C. Beardroid (we call him K.C.) doesn't just open and close his mouth. Both his mouth and eye movements are synchronized to the voice coming over the line. He can chew gum. He can yawn. He can 'mouth' each word as it's spoken.

K.C.'s movements appear so accurate to me that I'd love to have someone who can read lips try him out.

And, as I said above, if you think you can carry on a serious conversation while this adorable bear 'mouths' the incoming words, you're in for a real challenge.



But, you won't be in for a challenge understanding or talking on this remarkable phone. It's made by TeleConcepts, a company well respected for its industrial telecommunication products.

The truth is that the speakerphone developed for Beardroid is so advanced that it's going to be used in their industrial phones. It's lightning fast simplex, so there's no echo and no delay.

And, in addition to his incomparable hands free speakerphone which will let



you roam around the room while you talk on the phone, he's loaded with features.

By the way, you won't want to roam too far. K.C. is soft and cuddly, and very plush. He is really happy sitting in your lap while you talk on the phone or when you just want a 'warm fuzzy' to hold.

You'll have Tone/Pulse switching, True Hold, so you can pick up your call in another room, and Last Number Redial.

## BUT IT'S THE ROBOTICS

K.C. reacts to the exact sounds coming over the phone line, and his mouth moves in reaction to the pronunciation

actual conversation. (By the way, the phone he's talking on isn't included.)

He's 14" tall, sitting, and he's powered by 4 D cell batteries (not included). He simply plugs into any standard modular phone jack. There's a Hi/Lo/Off ringer.

He's backed by TeleConcepts standard limited warranty. (They have a K.C. Health Care Clinic, really.)

## ANIMATE YOUR CONVERSATIONS RISK FREE

I don't market cute. I'm a technology junkie. But I don't carry non-productive gadgets. K.C. Beardroid is a superb speakerphone with all the extras. And, everyone at DAK is lined up outside my office trying to steal my sample (I love this bear).

If you're not 100% enchanted with K.C.'s antics or with his superb sound quality, simply reject him (he may cry), and return him within 30 days in his original home (box) to DAK for a refund.

To snuggle up to (order) your TeleConcepts K.C. Beardroid Phone with Animated Mouth/Muzzle and Eyes, and superb full featured Hands Free speakerphone risk free with your credit card, call toll free or send your check for just \$129<sup>90</sup> (\$6 P&H). Order No. 4497.

An AC adaptor for K.C. is just \$9<sup>90</sup> (\$1 P&H). Order No. 4824. CA res add tax.

Talking about a 'conversation piece', K.C. will make every phone call an event.



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We want you to try anything in this catalog risk free. You'll find our product descriptions more complete than in any other catalog that you've seen. Our feeling is that the more you know about a product the more likely you are to like it when it comes.

And, that's important to us because when you do receive a product from us, you have a full 30 days to decide if 1) it's what we described, 2) it fits your needs, and 3) if you like it.

All you need to do to get your money back, is return the product to us prepaid and insured, in new unmarked condition with all its original parts, instructions, packing boxes and our original invoice (or a copy) within 30 days of when you receive it.

**Price Protection.** You can't lose. As part of our 30 day risk free trial, in the unlikely event that you find any product that you buy from this catalog selling for less than our catalog price, just send us a copy of any newspaper or magazine advertisement that appears during the 30 day period, and a copy of your invoice.

We will issue you an immediate merchandise credit for the difference in merchandise price. So, you'll have both a satisfaction guarantee plus price protection for 30 days from the time you get any DAK product purchased from this catalog. Of course you are also protected by the individual manufacturer's warranties on all the products we offer.

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### IMPORTANT INFORMATION

1) Shipping-Whenever possible we will ship your order via UPS. Please try to give us a street address rather than a P.O. Box.

2) Manufacturer's warranties available-All products sold by DAK are covered by the individual manufacturer's warranties. If you would like to see a copy of their exact warranty before you buy, just send us a letter (do not phone) give us the product number and name to the attention of the 'Warranty Department'.

3) Typographical Errors-We make every effort to avoid errors. DAK cannot be responsible for errors. However, should you buy a product based on our error, it is, of course, covered by the normal conditions of our 30 day free trial period.

4) Mailing List-We occasionally make our mailing list available to selected companies who have products that we think you will be interested in. If you wish not to receive these mailings, just send a copy of your mailing label to our 'Mailing List Dept'.

5) Prior Sale and Prices-DAK deals with dozens of manufacturers. Some of the products we offer are close-outs, and sometimes we simply sell more than the manufacturer can make. In any event, we cannot guarantee to supply any product advertised. We will refund your money if we find that we can no longer obtain a product or if its price rises.

# Order Toll Free!



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## TOLL FREE CUSTOMER SERVICE

Once you place an order from DAK, we don't leave you out in the cold. You can call our toll free customer service department at **1-800-423-2866** or in Los Angeles, call **1-818-888-2695**.

Our customer service lines get pretty busy and sometimes it's hard to reach us. So, we keep you informed by mail. If you do wish to check on your order, or need other ordering information, we are here to serve you. **Please see bottom of page for our Technical Product Information Line Number.**

We are open Monday through Friday 6AM to 5PM Pacific Time. The best times to call are before 8AM and after 3PM. **The people on the DAK Order Lines do not have any information about orders in progress, shipped merchandise or product information.**

## DOUBLE RISK FREE OFFER

We want you to try anything in this catalog risk free. You'll find our product descriptions more complete than in any other catalog that we have seen. Our feeling is that the more you know about a product the more likely you are to like it when it comes.

And, that's important to us because when you do receive a product from us, you have a full 30 days to decide if 1) it's what we described, 2) it fits your needs, and 3) if you like it.

**All you need to do** to get your money back, is return the product to us prepaid and insured, in new unmarked condition with all its original parts, instructions, packing boxes and our original invoice (or a copy) within 30 days of when you receive it.

**Price Protection.** You can't lose. As part of our 30 day risk free trial, in the unlikely event that you find any product that you buy from this catalog selling for less than our catalog price, just send us a copy of any newspaper or magazine advertisement that appears during the 30 day period, and a copy of your invoice.

We will issue you an immediate merchandise credit for the difference in merchandise price. So, you'll have both a satisfaction guarantee plus price protection for 30 days from the time you get any DAK product purchased from this catalog. Of course you are also protected by the individual manufacturer's warranties on all the products we offer.

## VISIT OUR FACTORY SHOWROOM

1-818-888-1399---8200 Remmet Ave., Canoga Park, CA 91304

**10 A.M. to 6 P.M. Monday through Friday**

When you're in the Los Angeles area why not drop in and visit us in person. You'll get a really close-up look at most of the exciting products in our catalog.

Plus, you'll find discounted products from past catalogs and products that will be in future catalogs. A trip to our showroom is like a venture into the future.

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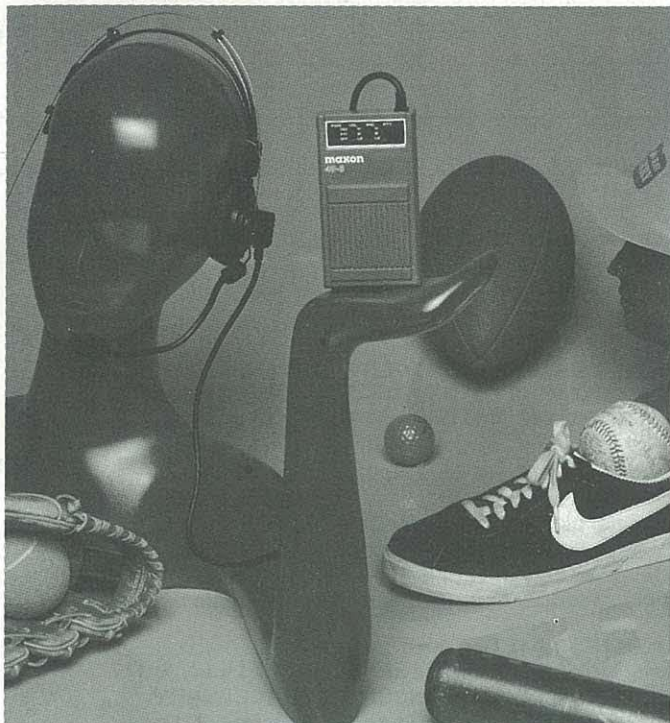
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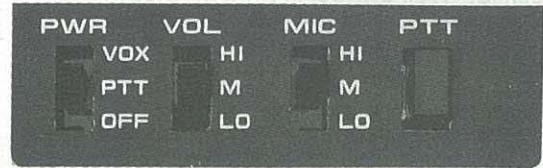
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**PRICE SLASHED**  
 DAK has sold over 20,000 of these  
 incredible communication devices for \$49.95.  
**NOW JUST \$29.95**  
 Use Order Number 9810 (\$3 P&H). See Below.



# Think Speak Plus

**On the job, on the field or on the road. Now you can talk and listen 'hands free' at a new breakthrough price. Plus, there are now special units for motorcycle helmets with an intercom and FM radio reception.**

SWAT Teams use them. So do quarterbacks and firemen. Now you too can talk and listen to people near and far, totally hands free, while you are jogging, sailing, skiing, hiking or riding a motorcycle.

Both at work and at home, this unique communications system, with a range up to 1/2 mile, will let you keep in touch.

## NOT A WALKIE TALKIE

This is no toy. The Think Speak is totally automated. When you speak, a special voice activated circuit (VOX) automatically engages the transmitter so that you are broadcasting. When you stop speaking, it will automatically return to 'stand-by' to await a reply.

It is virtually noise free because it uses a quartz crystal locked dual conversion superheterodyne communication circuit that operates on 49mhz with FM.

So, your communication won't sound like a CB or an AM radio. You'll speak and hear with the full power and clarity you'd expect from an FM radio station.

## HERE'S WHAT IT IS

You wear the Think Speak just like a personal stereo. There's an adjustable headphone that you wear on either your right or left ear. The other ear is clear to hear the outside world for safety.

In the helmet versions, the headband comes off and the earphone attaches inside. The mike and antenna attach to the outside with quick release velcro.

A flexible boom microphone lets you speak normally while you transmit. The entire shaft of the boom mike is adjustable and will retain any position you set.

The voice activation circuit has a 3 level sensitivity switch. If you're riding a motorcycle or breathing hard while you jog, you can set the sensitivity to low so that you won't transmit in error.

If you are hunting or fishing and you can't talk much over a whisper, you can

set the sensitivity to high. Plus, the headset has a 3 level volume control too.

In addition to the VOX voice operated circuit, you'll have 'PTT' which means Push to Talk. When you want to talk, you just push the PTT button.

This is a really great feature when you want to whisper very quietly below the threshold of even the high sensitivity setting of the Voice Operated Circuit.

You may be into surveillance or photographing wildlife. When you can only whisper, you'll especially appreciate the super quiet FM reception of this system.

The motorcycle version adds a plug-in 2nd headset for your rider (included), and an intercom/internal switch which lets you talk to and listen to your rider. You'll still be in contact with the outside world and will receive communications.

## SOME SPECIFICS

You can expect long battery life from a standard 9V battery (not included). The antenna is conveniently clipped to the headband for normal use. For full range use, the antenna pops up.

The system operates on the 49 mhz band using FM, so you shouldn't be bothered by any other radio transmissions as you are with CBs and Walkie Talkies.

The transmission output is a full RF of 10,000uV/m @ 3 meters max. No FCC licence is required. And, the FM hum and noise is almost good enough for a high fidelity system at 40db min. The case clips to your belt, and is 4-9/16" X 2 1/4" X 15/16" for the standard unit and 4 7/8" X 3" X 1 1/8" for the motorcycle unit.

## PERSONAL OR GROUP

You can talk to 1 or even 10 people with Think Speaks. The Think Speak is great if you're skiing with friends, using two boats, or sailing at sea. And, if you go hiking in the mountains, it's a must.

The two new versions designed for

motorcycle, dune buggy, ultralight aircraft and snowmobiling where you wear a helmet and may have a passenger, expand the Think Speak's range of use.

All three systems are electrically identical. So, if you're a pitcher, you can talk to your catcher or the coach. If you're on a loading dock, you can talk to the man in the truck or on the forklift.

It's made and backed by Maxon Electronics, the two-way specialists.

## TRY THINK SPEAK RISK FREE

Walk around the block. Take a bike ride and really test the range of this communications breakthrough. If you aren't 100% satisfied, return it in its original box within 30 days for a refund.

To order your Think Speak risk free with your credit card, call toll free or send only ~~\$49.95~~ (\$3 P&H) for each standard unit. Order No. 9810.

If you'd like a unit that you can either wear or attach to your helmet with velcro, complete with a second plug-in headset and an internal intercom, send just \$59 (\$3 P&H) Order No. 9811. And if you'd like the helmet unit with a built-in FM tuner too, it's just \$79 (\$3 P&H) Order No. 9812. CA res add Sales Tax.

All three units are totally interchangeable, sound identical and will both transmit to and receive from each other. A minimum of two Think Speaks are required for communication.

When you think out loud, people will listen. Try a Think Speak risk free today.

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# Phone Tap

**Now you can tap your own phone, get perfect recordings and never cut a wire.**

It's easy. Just insert the modular phone plug from the Phone Tap into any standard modular phone jack and plug the recording cable into any standard cassette recorder and you're ready to go.

The Phone Tap lets you make crystal clear cassette recordings of both sides of any phone conversation effortlessly. Plus it's totally automatic.

## INTELLIGENT

Once you've put a recorder on your phone line, you sure don't want it to run all the time. You'd spend your whole day changing cassettes.

The Phone Tap automatically feeds the signal to, and automatically starts the tape recorder as soon as any receiver throughout your system is lifted. You will even get a recording of outgoing numbers as they are dialed, no matter which phone is used. It then stops recording immediately when the call is ended.

There are only two plugs for you to plug into your portable cassette recorder. Plug '1' is plugged into the mike input and plug '2' is plugged into the remote/pause. Virtually all portable battery or AC recorders work perfectly with the Phone Tap.

## ILLEGAL

**Caution... Please Note:** It is illegal to tape many conversations. The Phone Tap makes absolutely no sound and when used in an office situation doesn't light any of the phone lights. So, you should warn the other party that the call is being recorded. Plus, it is illegal to record two people when neither of them knows that the recording is being made, such as on an office phone system or of a baby-sitter when you are out.

It is also illegal to use the Phone Tap on a party line as it will record all conversations on the line.

## TRY THE PHONE TAP RISK FREE

Record your conversations. See if the sound isn't crystal clear. Feel the security of knowing that you have a 100% correct permanent record of your agreements.

Try the Phone Tap in your home or office risk free. If you aren't 100% satisfied for any reason, simply return it in its original box within 30 days for a courteous refund.

To order your Phone Tap risk free with your credit card, call toll free, or send your check for just \$24.90 (\$2.50 P&H) Order No. 9232.

If you need a high quality AC/DC portable cassette recorder to use with the Phone Tap (or for any general recording), we've got one that sounds great, for just \$39.90 (\$3.50 P&H) Order No. 4216.

It has a built-in mike, a great sounding full range speaker and of course, the Phone Tap will plug right into it. It's about 9" X 6" X 2". Both the recorder and the Phone Tap are backed by standard manufacturers' limited warranties.

Now you'll have a permanent tape copy of all conversations. There's a real security in knowing you won't forget, and that you can back up what you've said.



## Toll Free Customer Service

Once you place an order from DAK, we don't leave you out in the cold. You can call our toll free customer service department at 1-800-423-2866 or in Los Angeles, call 1-818-888-2695.

You can check on your order, or let us know about any problems you may encounter with merchandise you have bought from us. Please use these numbers for problems. **The people on the main DAK order lines do not have any information about orders in progress or shipped merchandise.**



# Zap

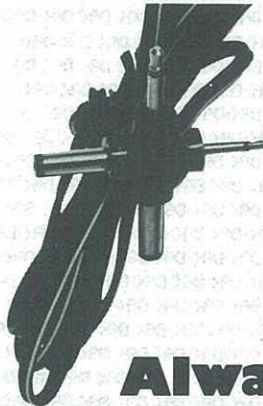
**ZAP—** Your cassette is erased. Just pass your cassette through the slot in DAK's deluxe eraser and it's not only blank, but it can be much quieter than if you try to erase the cassette on your own recorder.

A special magnetically charged elliptical field is developed by four independent magnetic elements. They're factory calibrated to form 8 separate fields of force to penetrate and randomize all magnetic fields (sounds) on the tape. It's an effort to approximate the original factory erasing that all new tape gets before it leaves the tape manufacturing factory.

It's an absolute must for every audiophile. There are no moving parts, nothing to plug in or wear out. It is especially useful if you are erasing signal from one recorder before recording on another because inaccurate track matching can lead to 'ghost sounds'.

Try the DAK cassette eraser risk free. If you don't agree it's one of your most useful accessories, just return it in its original box within 30 days for a refund.

To order Your 8 Field DAK Cassette eraser risk free with your credit card call toll free or send your check for only \$17.50 (\$2 P&H) Order No. 9443.



# Always Ready

Batteries are expensive. And, they seem to wear out just when you need them the most.

DAK's battery eliminator AC adaptor plugs into virtually any battery operated equipment or device and puts it back in service again.

4 plugs plus 9V battery clip let this battery eliminator fit any device. And 4 voltages let you power just about anything. You get 3, 4.5, 6 and 9 volts.

It's easy to compute what voltage you need. Round batteries are basically 1.5 volts. If for example your calculator has 3 batteries, simply select 4.5 on the selector switch.

Try the AC adaptor Battery Eliminator risk free. If you don't find thousands of uses for it, just return it in its original box within 30 days for a refund.

To order your Battery Eliminator risk free with your credit card, call the toll free hotline or send a check for just \$9.95 (\$1.50 P&H) Order No. 9444.

**FOR A FRIEND**

Shall we send a copy of this unusual catalog to one of your friends? Just fill in their name below.

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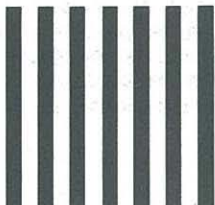
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**\$2 Bonus \$2 Bonus**

*Don't be left out of the phone revolution. Now, no matter how your house is wired, only \$2 will hook you up. With the purchase of any of our phones, we'll give you the adaptor of your choice for just \$2.*

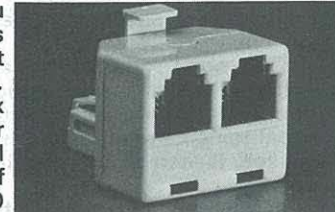
Ok, here's how it works. All the new phones have modular plugs (shown below). Since there's no way that we can know how your house is wired, we'll let you choose the appropriate \$2 bonus jack or adaptor to connect your phone.



Most stores charge \$4 to \$6 each for these adaptors, but frankly we're so grateful that you've chosen DAK to be your Phone Supplier, that we're just charging you \$2 for the jack. Sorry, but you'll also have to pay \$0.50 to cover our costs of packing and shipping the jack to you.

**CHOOSE YOUR \$2 BONUS**

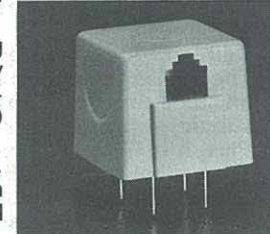
If you already have modular jacks, you don't need an adaptor, but if you plug in one of our cordless phones or an answering machine, you might still want to plug in another phone.



So, your \$2 bonus is a duplex adaptor jack. Just plug this adaptor into your modular jack and you'll instantly have two jacks instead of one. Your cost is just \$2 (\$0.50 P&H) Order No. 9645.

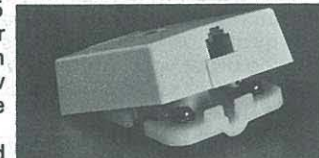
If you have the original 4 prong plugs, you still can't plug in the new modular plug phones without a 4 prong adaptor.

As you can see, just plug this 4 prong plug into your jack, then you can plug any of the new phones into your system. The 4 prong adaptor is yours for just \$2 (\$0.50 P&H) Order No. 9646.



If you have no jacks at all, don't despair. We've got a modular surface jack which simply connects where your phone cord enters the wall.

It's really easy. Virtually all phone systems in the U.S. use the same 4 wire color coded system. The wires are red, black, green, and yellow. Our surface jack has 4 screws. Each screw already has one of the 4 colored wires from its self-contained modular jack connected to it.



It just takes a screwdriver and 5 minutes. There's nothing to solder and nothing to figure out. If you can match red to red, black to black yellow to yellow and green to green, you've got it made.

Just match the colored wires and tighten the screws. A 70 year old grandmother should be able to do it in less than 5 minutes. Then plug in and start talking. The surface jack is just \$2 (\$0.50 P&H) Order No. 9647.

**Crazy Jack**



If you're an electronic gadget freak like me, you just might need one of these 5 way modular phone jacks. Just plug its 6' cord into your existing jack and wow, you'll have 5 phone jacks. You just might have a regular phone, an auto-dialer, a cordless phone, and an answering machine. So, if you're crazy too, it's just \$12.50 (\$1 P&H) Order No. 9643.



# Phone Tap

Now you can tap your own phone, get perfect recordings and never cut a wire.

It's easy. Just insert the modular phone plug from the Phone Tap into any standard modular phone jack and plug the recording cable into any standard cassette recorder and you're ready to go.

The Phone Tap lets you make crystal clear cassette recordings of both sides of any phone conversation effortlessly. Plus it's totally automatic.

## INTELLIGENT

Once you've put a recorder on your phone line, you sure don't want it to run all the time. You'd spend your whole day changing cassettes.

The Phone Tap automatically feeds the signal to, and automatically starts the tape recorder as soon as any receiver throughout your system is lifted. You will even get a recording of outgoing numbers as they are dialed, no matter which phone is used. It then stops recording immediately when the call is ended.

There are only two plugs for you to plug into your portable cassette recorder. Plug '1' is plugged into the mike input and plug '2' is plugged into the remote/pause. Virtually all portable battery or AC recorders work perfectly with the Phone Tap.

## ILLEGAL

**Caution... Please Note:** It is illegal to tape many conversations. The Phone Tap makes absolutely no sound and when used in an office situation doesn't light any of the phone lights. So, you should warn the other party that the call is being recorded. Plus, it is illegal to record two people when neither of them knows that the recording is being made, such as on an office phone system or of a baby-sitter when you are out.

It is also illegal to use the Phone Tap on a party line as it will record all conversations on the line.

## TRY THE PHONE TAP RISK FREE

Record your conversations. See if the sound isn't crystal clear. Feel the security of knowing that you have a 100% correct permanent record of your agreements.

Try the Phone Tap in your home or office risk free. If you aren't 100% satisfied for any reason, simply return it in its original box within 30 days for a courteous refund.

To order your Phone Tap risk free with your credit card, call toll free, or send your check for just \$24.90 (\$2.50 P&H) Order No. 9232.

If you need a high quality AC/DC portable cassette recorder to use with the Phone Tap (or for any general recording), we've got one that sounds great, for just \$39.90 (\$3.50 P&H) Order No. 4216.

It has a built-in mike, a great sounding full range speaker and of course, the Phone Tap will plug right into it. It's about 9" X 6" X 2". Both the recorder and the Phone Tap are backed by standard manufacturers' limited warranties.

Now you'll have a permanent tape copy of all conversations. There's a real security in knowing you won't forget, and that you can back up what you've said.



# Zap

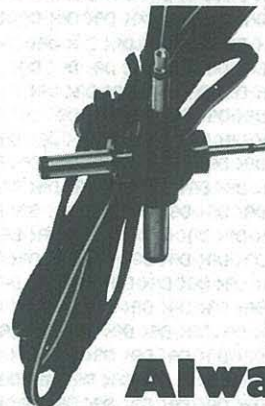
**ZAP—** Your cassette is erased. Just pass your cassette through the slot in DAK's deluxe eraser and it's not only blank, but it can be much quieter than if you try to erase the cassette on your own recorder.

A special magnetically charged elliptical field is developed by four independent magnetic elements. They're factory calibrated to form 8 separate fields of force to penetrate and randomize all magnetic fields (sounds) on the tape. It's an effort to approximate the original factory erasing that all new tape gets before it leaves the tape manufacturing factory.

It's an absolute must for every audiophile. There are no moving parts, nothing to plug in or wear out. It is especially useful if you are erasing signal from one recorder before recording on another because inaccurate track matching can lead to 'ghost sounds'.

Try the DAK cassette eraser risk free. If you don't agree it's one of your most useful accessories, just return it in its original box within 30 days for a refund.

To order Your 8 Field DAK Cassette eraser risk free with your credit card call toll free or send your check for only \$17.50 (\$2 P&H) Order No. 9443.



# Always Ready

Batteries are expensive. And, they seem to wear out just when you need them the most.

DAK's battery eliminator AC adaptor plugs into virtually any battery operated equipment or device and puts it back in service again.

4 plugs plus 9V battery clip let this battery eliminator fit any device. And 4 voltages let you power just about anything. You get 3, 4.5, 6 and 9 volts.

It's easy to compute what voltage you need. Round batteries are basically 1.5 volts. If for example your calculator has 3 batteries, simply select 4.5 on the selector switch.

Try the AC adaptor Battery Eliminator risk free. If you don't find thousands of uses for it, just return it in its original box within 30 days for a refund.

To order your Battery Eliminator risk free with your credit card, call the toll free hotline or send a check for just \$9.95 (\$1.50 P&H) Order No. 9444.



## Toll Free Customer Service

Once you place an order from DAK, we don't leave you out in the cold. You can call our toll free customer service department at 1-800-423-2866 or in Los Angeles, call 1-818-888-2695.

You can check on your order, or let us know about any problems you may encounter with merchandise you have bought from us. Please use these numbers for problems. **The people on the main DAK order lines do not have any information about orders in progress or shipped merchandise.**

*It's a love/hate relationship. I swore I'd never carry ANYTHING to do with car stereos again. But, an incredible new product has changed my mind.*

By Drew Kaplan

First some history. DAK was born while I was in college. I started DAK by installing 8 track car stereos.

And, if you've cut as many door panels and dashboards as I have, you'll understand why I hate car stereo products.

However, I love great sounding music in my car, and most of all I love the massive but clean infusion of bass that a subwoofer adds to my home stereo.

So, when a friend of mine sent me this easy to install 50 watt, dual woofer, amplified car subwoofer from Sparkomatic, I finally decided to give car stereo one more chance.

#### **MASSIVE IMPROVEMENT**

Imagine the full thunder of a kettle drum, or the pluck of a string bass being explosively recreated in your car. This amplified subwoofer can add throbbing but clean bass to your music without affecting your mid-range sound.

So, you'll hear instruments emerge and take on life that were simply subtle nuances before. A subwoofer adds a dimension of reality and warmth with no negative effects. It **ONLY** activates frequencies from 30hz to 250hz.

#### **EASY INSTALLATION**

Forget special amps. Forget complicated hookups. This amplified subwoofer simply connects to your existing left and right channel speaker wires. Add power and get ready for dramatically resonate bass that will thrill you.

The only real installation is to put this subwoofer in your rear deck. It's about 10" by 4½" and an easy to follow template is included. In fact, there's even a toll free 800 installation hotline you can call if you have any questions.

But, the subwoofer is easy. Sparkomatic makes some door-mounted speakers that require sophisticated installation.

Bass is totally non-directional. So, no matter where you mount this subwoofer, you're going to have rich vibrant bass.

The rear deck is best because it allows your trunk to be a resonating enclosure. So, you'll have massive bass that will make your music explode with life.

The subwoofer consists of two 4"



acoustic suspension type woofers with high energy Strontium Cobalt Magnets.

A subwoofer can either be a single speaker with a dual wound voice coil, or, it can consist of two separate speakers.

The advantage of using two speakers instead of one, is that you get much more woofer surface area to move the massive bass frequencies.

There are two paired 25 watt amplifiers, but because bass is really a single non-directional source, it's really 50 watts of bass power.

So, you measure an amplified subwoofer as one channel, unlike the way you'd measure traditional stereo power.

The amplifiers are built into the speaker enclosure, and there's a front panel sub-bass sound pressure level control.



So you can integrate this subwoofer with **ANY** car stereo system. And, you

can add precisely the amount of sub-bass you desire.

The sound is nothing short of incredible. You'll hear a bottom end to your music that simply didn't exist before. It's backed by Sparkomatic's standard limited warranty.

#### **THUNDER FOR YOUR CAR RISK FREE**

It's not just different sound. It's better. It's fuller. It's richer. And, it will make a staggering difference in your car stereo listening. I swore I'd never sell anything for car stereos. But, the sound of this system is just too good to pass up.

If you're not 100% thrilled, simply return it within 30 days in its original box for a courteous refund.

To order Sparkomatic's 50 watt Amplified Subwoofer with two 4" Acoustic Suspension Type Woofers and sub-bass sound pressure level control risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$89<sup>90</sup> (\$5 P&H). Order No. 4822. CA res add tax.

Set the bass in your car free. Massive earthshaking sound will fill your car. Just wait till you experience the thrill of explosive bass in your own car.

**ORDER TOLL FREE**

FOR CREDIT CARD ORDERS ONLY

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SEE BELOW FOR INFORMATION CALLS



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Technical Information Only. .1-800-272-3200

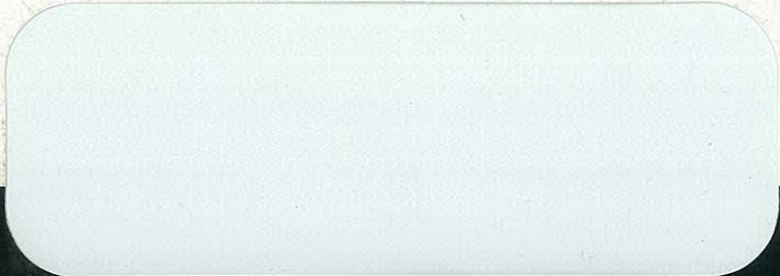
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# Stereo Power Controller

**Protect your stereo system's components from spikes and line interference. Plus, you'll control them automatically.**

By Drew Kaplan

It's amazing. For years I've lived with occasional interference when I'm recording. When a transistor has blown, I've never known why. Plus, I've had to individually turn on and off each component.

Now I can protect my music from noise. Now I can protect my system's circuits from transient power surges. And now, I can not only control each component separately, I can turn them all on or off with a single button, or automatically.

**But there's more.** This all new Power Controller is much more than just a fancy 'octopus' that supplies you with 6 outlets to get rid of cumbersome tangled cords.

It aids in the prevention of damage caused by voltage surges and spikes.

It also filters your AC to help protect your music and recordings from noises caused by power disturbing air conditioners, fluorescent lights and the like.

**And look at this.** It protects your components from themselves. There are 4 separate, electronically filtered sections. So, your tape deck won't pick up a blip if you switch on another component.

## BUT IT'S CONVENIENT

There are 6 protected 3-wire outlets on the back. 5 are switched from the front. One is unswitched but still spike protec-

ted, so you can leave on a component.

Each of the 5 switched outlets has a non-glare status light. Plus, there's 'Master Power' for selected components.

## COMPUTER INSPIRED

Last year I picked up static from a bad fluorescent fixture on an FM broadcast I was recording, so, I put a computer power controller into my stereo system.

It has really cleaned up my sound. And, of course, added protection for my components. Also, with its 6 plugs, it's cleaned up my wiring. So, I've had the manufacturer create the same protection for my audio that I have for my computers. **And, look what we've added.**

## AUTOMATIC CONTROL

The built-in clock timer will allow you to have your system come on and turn off whenever you desire. So, you can record broadcasts you'd miss, or have your stereo wake you up or put you to sleep.

With more and more cassette decks being timer-ready, DAK's new power controller is a great asset.

Plus, if you'd like to turn your system off or on from up to 25 feet away, there's an optional infrared remote.

I didn't include volume or mute because this controller is made to suppress noise going to your system, not add wires and noise within the 'sound loop'.

It's a perfect combination of convenience and protection for your stereo system. And, it fits right in. It's 17" wide, 1 3/4" tall and 12 3/4" deep. It's backed by DAK's standard limited warranty.

## PROTECTION & CONVENIENCE RISK FREE

It's so easy to turn on my components. I love not worrying about noise. The timer lets me have total control. And, 6 extra 'protected' plugs are great.

If you're not 100% satisfied, simply return it to DAK within 30 days in its original box for a courteous refund.

To order your 6 outlet Stereo Power Controller with Spike Protection, 4 separate Line Filters, a Circuit Breaker and a 9' 3-wire grounded power cable risk free with your credit card, call toll free or send your check for DAK's noise silencing price of just \$79<sup>90</sup> (\$6 P&H). Order No. 4832. For May delivery. CA res add tax.

If you'd like the identical controller/protector with an infrared On/Off remote, it's just \$89<sup>90</sup> (\$6 P&H). Order No. 4833.

I love the convenience every day. I can now record with confidence. But, I'm most thrilled with the added protection for my cherished components.

