

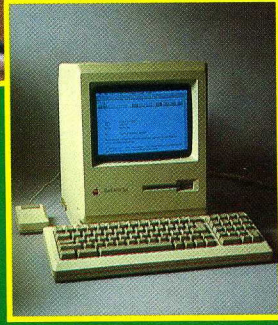
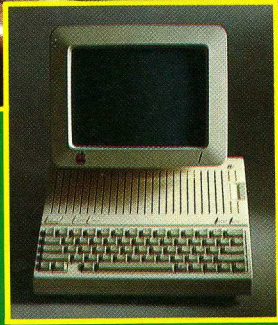
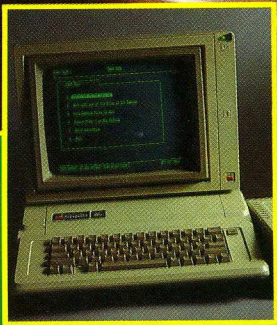


CATALOG • SUMMER 1988

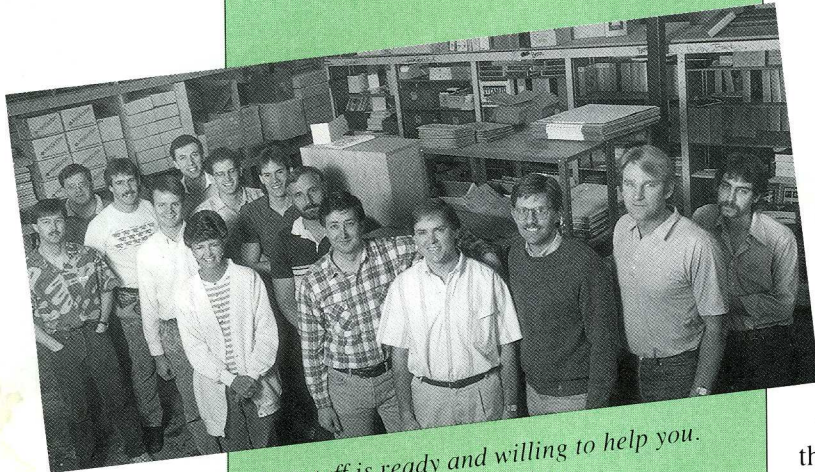


We're the world's largest independent dealer in used and out-of-production Apple products and service...

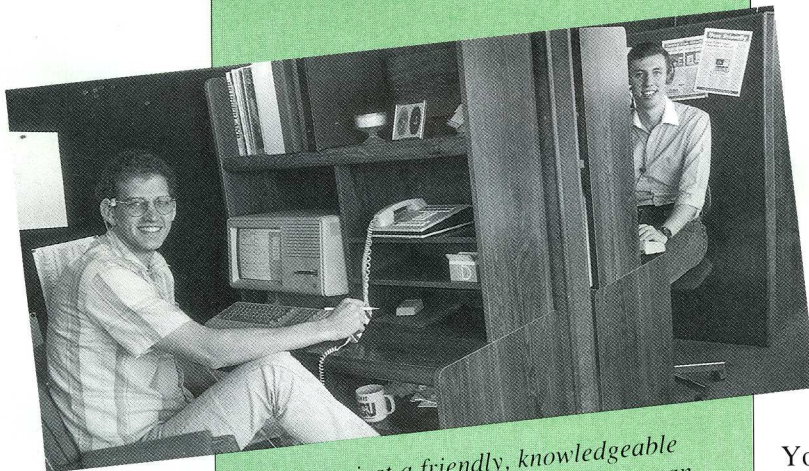
New! SEE INSIDE FOR DETAILS
MacWorks™ Plus! for the Lisa...



no one does it better than Sun



*Our staff is ready and willing to help you.
Our goal is your satisfaction.*



*Sometimes just a friendly, knowledgeable
voice on the other end of the telephone can
take all the fear out of buying a computer.*

Fast, Reliable Service.

It's been more than three years since we began our support of Apple's used and out-of-production equipment. In the beginning it was just the Apple III. Now our products cross the Apple II and Macintosh lines.

Over the years we found out that the typical Apple user is really not that typical. They seem to have a love affair with their computers. So, when they want them updated, serviced, or added to, they want the best!

At Sun, we too share that same passion for the Apple line of computers. We have specialized in supplying hard-to-find products for your Apple computer. We have also gone beyond simple resale and have provided support to out-of-production Apple equipment by developing innovative new add-on products that help keep your Apple up to date.

You'll find our prices to be low, our service to be fast, and our people to be excited to help you. Our concept of remarketing goes beyond just "liquidating" or just "selling"... we offer a service like no one else can!!!



CUSTOMER SERVICE
801-752-7631

Questions/Service
FAX 801-563-3226

ORDERLINE
1-800-821-3221

For Orders Only

***If You Like our
Great Service
on other products -***

***Call us for your
Mac Software or Apple II
product needs!***

Our New MacWorks Plus! turns your Lisa into a Macintosh Plus

Sun offers more for your Lisa™ than anyone else...

Sun Remarketing is really different. And this catalog proves it. It can help you get the most out of your Apple computer investment. Our commitment to even out-of-production machines is evidenced on almost every page.

New...MacWorks™ Plus!

The dream of almost every Lisa and Macintosh XL user, lately, has been to be able to run *all* Macintosh applications under MacWorks. With a larger 12" screen the newer programs would be even better than on a regular Macintosh Plus. How about HyperCard, MultiFinder, or AppleShare on the Lisa! Well, that dream is now a reality.

*Run programs like
HyperCard,
MultiFinder,
Illustrator and more
on your Lisa/MacXL!*

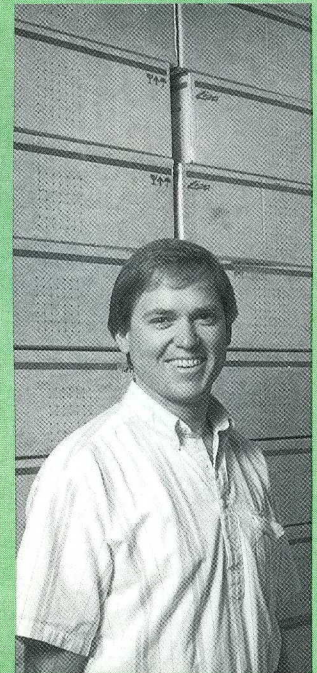
Sun has just released what we call MacWorks™ Plus! This new emulation program is an exciting extension to Apple's MacWorks 3.0. With it, your Lisa or Macintosh XL will have the ability to run any software that will run on the Macintosh Plus. Programs like, Full Write, Adobe Illustrator, Cricket Draw and more!

The new program will run on either floppy or on a hard disk, and is auto-booting. It even comes with a simple auto-install program. It will include HFS, will recognize multiple hard disks, and will address the Lisa's parallel card slots without the use of Two Port Install.

MacWorks Plus! is offered as an option to our new and reconditioned machines or as a separate upgrade for your present machine. It's a great buy and a fabulous improvement to an already great computer.

30-Day Money-Back Guarantee

We offer one of the strongest guarantees in the industry. Especially for reconditioned equipment. Try any one of our products, and if after 30 days you're not satisfied, send it back, (postage pre-paid) and we'll either refund the product purchase price or exchange it for any other product. No hassles, no restocking fees. All we ask is that you pay to freight. The standard warranty for most of our hardware is a full 90 days! Some manufacturers even offer longer guarantees — some for up to 2 years. Call one of our service representatives for more details.



"We stand behind any product we sell."

Bob Cook
President

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How to Order From Our Catalog

MacWorks Plus!
Cat. No. 191 (3.90)

Our Price \$200

Order Number

Shipping Charge



Still one of the best business machines around!

Apple ///

This is a computer that is at home in any business. In fact, some of our best customers are accountants who *would not trade their Apple /// system for anything else!*

This computer is available beginning with 128K of memory. Our best-selling configuration, though, is 256K. Many of the software programs that run on the /// require at least that much memory and it provides much more flexibility.

When buying a computer you should first decide what tasks you wish to accomplish with it. You then find software that will do those tasks and *then* match the software to the computer. You'll find that for most basic business tasks *the Apple /// can still keep up with the best at a fraction of what others would cost.* In fact, when the Apple /// was first introduced, it sold for over \$2200!

Our Apple /// systems come complete with the computer (CPU), an internal disk drive, and monochrome monitor. Also included are the Systems Utilities Program Disk and a program to emulate the Apple II+. For most applications, that will get you up and going right away.

A reminder: When we receive equipment from Apple for reconditioning, it does not come to us with documentation. Manuals are available but you must remember to order them separately.

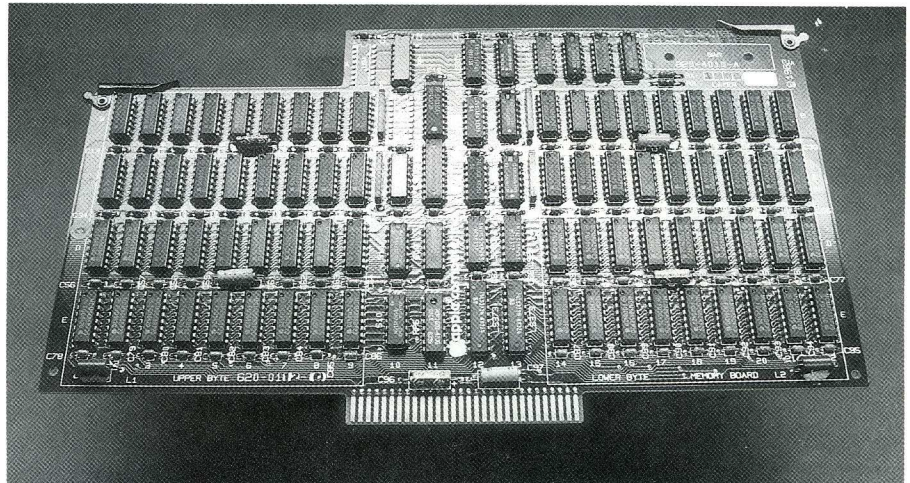
When you order, here are some suggestions of *accessory items that will make you enjoy your purchase even more:* a second floppy disk drive, ProFile or Quark hard disk, printer, modem, Titan emulation boards, and of course, software programs.

AS LOW AS **\$549**

Apple /// 128K Cat. No. 006 (22.12)	Sold New \$1995 Our Price \$549
Apple /// 256K Cat. No. 001 (22.12)	Sold New \$2195 Our Price \$599
Apple /// - ProFile	Our Price \$999
Office Bundle System Cat. No. 063 (63.12)	Our Price \$1495

complete with HD, printer and software!

We offer affordable service, replacement boards and parts for several Apple models...



Apple /// Parts

256K Upgrade (from 128K) Cat. No. 013 (5.00)	Our Price \$300 Exchange Refund 100.00
512K Upgrade Cat. No. 265 (5.00)	Our Price \$449 Exchange Refund 100.00
Built-in Disk Drive Cat. No. 149 (5.48)	Our Price \$150 Exchange Refund 50.00
Clock Chip Kit Cat. No. 058 (3.90)	Our Price \$30
Disk Drive Cleaned, Aligned & Adjusted Cat. No. 077 (5.48)	Our Price \$30
Keyboard Cat. No. 150 (5.24)	Our Price \$150 Exchange Refund 50.00
Keyboard Upgrade (to ///+) Cat. No. 037 (5.24)	Our Price \$150 Exchange Refund 50.00
Keyboard Replacement Lamp Cat. No. 152 (1.00)	Our price \$5
Motherboard (specify model) Cat. No. 155 (5.24)	Our Price \$300 Exchange Refund 100.00
Memory Board (specify model) Cat. No. 154 (3.90)	Our Price \$200 Exchange Refund 100.00
Power Supply Cat. No. 157 (5.24)	Our Price \$150 Exchange Refund 50.00
ProFile Factory Format Cat. No. 143 (15.49)	Our Price \$70
Video Interlace Kit Cat. No. 138 (3.90)	Our Price \$50
Extended Warranty (1 Year)	
Sun Care - Apple /// (extended warranty) Cat. No. 354	Our Price \$249
Sun Care - ProFile (extended warranty) Cat. No. 354	Our Price \$216

Lisa/Mac XL Parts

Built-in Disk Drive (400K) Cat. No. 235 (5.48)	Our Price \$139 Exchange Refund 40.00
800K Floppy Disk Drive Upgrade Cat. No. 318 (5.88)	Our Price \$439 Exchange Refund 40.00
CPU Card (specify model) Cat. No. 237 (5.00)	Our Price \$245 Exchange Refund 100.00
Hard Disk Assembly (Widget) Cat. No. 240 (15.49)	Our Price \$500 Exchange Refund 100.00
I/O Board (specify model) Cat. No. 236 (5.00)	Our Price \$295 Exchange Refund 100.00
Keyboard Cat. No. 234 (5.24)	Our Price \$225 Exchange Refund 100.00
Lisa Screen Modification Kit (installed) Cat. No. 257 (3.90)	Our Price \$79
Memory Board (512K) Cat. No. 116 (5.00)	Our Price \$300 Exchange Refund 100.00
Motherboard (specify model) Cat. No. 238 (5.00)	Our Price \$245 Exchange Refund 100.00
Mouse (specify model) Cat. No. 241 (3.90)	Our Price \$90 Exchange Refund 30.00
Parallel Interface Card Cat. No. 281 (3.90)	Our Price \$119 Exchange Refund 20.00
Power Supply Cat. No. 239 (8.36)	Our Price \$245 Exchange Refund 100.00
Extended Warranty (1 Year)	
Sun Care - Lisa 2/0 Cat. No. 354	Our Price \$264.00
Sun Care - Lisa 2/5 Cat. No. 354	Our Price \$456.00
Sun Care - Lisa 2/10 Cat. No. 354	Our Price \$360.00
Sun Care - ProFile Cat. No. 354	Our Price \$216.00

*The affordable
Macintosh™
compatible
system...*

**Every Lisa we sell comes
complete with a hard
disk and MacWorks.™**

Lisa™ Professional

Here is your opportunity to show them all...a computer that is not a no-name clone that will run Macintosh software *and* save you money!

The Lisa is not new. It was introduced by Apple four years ago for just under \$10,000. And boy, is it easy to use! *Just pick up the mouse, point, click, and you're on your way*, whether running under the original Lisa Operating System or as a Macintosh under MacWorks.

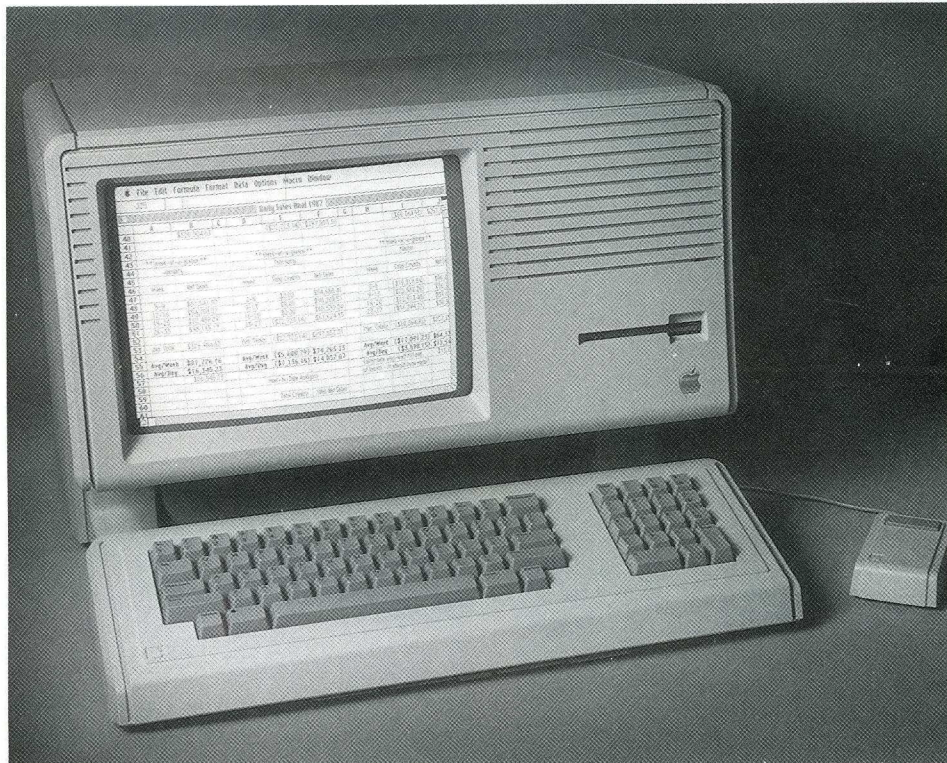
The Lisa is larger than the standard Mac. It comes with a 12" rather than a 9" screen, a numeric keypad as part of the keyboard, three expansion slots for parallel devices, and room for an internal hard disk drive to boot. *It was built to perform as a sturdy piece of office equipment.*

When the Lisa boots up, it goes through its own internal diagnostic routine and tells you on the screen if and where it hurts. You then simply pull out that single part and replace it. No special tools are required to maintain the Lisa, either. *All you need is two fingers in order to remove any of its modular components* - from disk drive to memory boards or power supply.

There are two minor things you ought to be warned about. Not all Mac software is compatible if running under MacWorks 3.0 (which is shipped as standard software with each machine). Of the ones we have tested, almost all of the major software programs will run just fine.

Our optional MacWorks Plus! does not have this compatibility problem. As a general rule, if it works on the Macintosh Plus, it will work under the latest version of MacWorks Plus! If you have a question about a specific piece of software, give our service line a call and we'll let you know if it is on our tested list.

Also, the pixels on a Mac screen are square and on the Lisa rectangular. This affects what is called the aspect ratio. A true circle on the Lisa looks like an oval on the screen. *This can be corrected* with the installation of a Screen Modification Kit when you order. Or, just use the rulers and shift commands available in most draw programs to get around it.



With our new MacWorks Plus! program you can run almost any Mac program!!!

Support...what about the future? A good question. We have been in the support business for the Apple /// for the last 5 years. *We are now offering that same commitment to the Lisa.* Also, up until now, the Lisa would not accept a larger than 10mb hard disk. We have independently spent over \$100,000 just in development costs of a new controller board that removes that inconvenience. And there are other improvements we're working on right now for release in the future.

So, if you're into desktop publishing, word processing, spreadsheeting, or whatever, the Lisa Professional will allow you to *see a whole lot more screen for a whole lot less money.* And for most applications it's quite a reasonable alternative.

ALL SYSTEMS INCLUDE:

- Computer with Hard Disk
- 1 Mb RAM
- Keyboard
- Mouse
- MacWorks XL 3.0
- MacWrite/MacPaint
- Computer Owner Manual

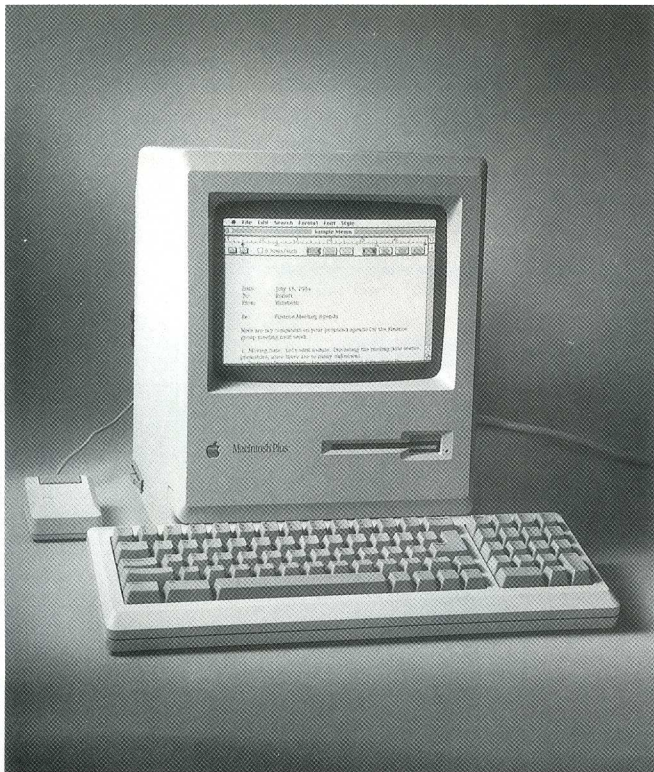
1Mb RAM, 5Mb ProFile HD (reconditioned)
Cat. No. 101.010 (48.25) **Our Price \$995**
1Mb RAM, 10Mb Widget HD (reconditioned)
Cat. No. 003 (32.76) **Our Price \$1195**
1Mb RAM, Sun 20Mb HD, HFS (new)
Cat. No. 031.229 (32.76) **Our Price \$1595**

OPTIONS:

available at these prices with computer purchase

800K Floppy Upgrade
Cat. No. 318 **Our Price \$200**
Screen Modification Kit
Cat. No. 257 **Our Price \$79**
MacWorks Plus!
Cat. No. 191 **Our Price \$200**

AS LOW AS \$995



We stand behind every used Macintosh we sell!

Macintosh™

Because of the popularity of the Macintosh, used machines are often hard to find. We have contracted with national leasing companies and large corporations to let us buy their Macintoshes as they upgrade to newer models.

Most of these computers have been on service contracts and come to us in excellent condition. However, each machine is cleaned and tested in our service center and comes with an "industry-best" 90-day warranty.

If the Lisa won't work for you, here is an inexpensive way to get into a Macintosh.

AS LOW AS \$695

- Macintosh 128K
Cat. No. 267 (24.00) **Our Price \$695**
 - Macintosh 512K
Cat. No. 291 (24.00) **Our Price \$895**
 - Macintosh 512KE
Cat. No. 346 (24.00) **Our Price \$1095**
 - Macintosh Plus
Cat. No. 207 (24.00) **Our Price \$1295**
- Quantity Discounts Over 12 Machines*



The most popular home and school computer on the market!

Apple IIe, II+

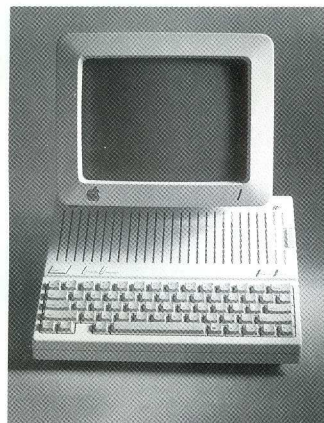
Here is the computer that has become the staple in most school classrooms, small businesses, and homes. And, with more than 10,000 software programs now available to run, it will be a while before you run out of something to do with it.

Every computer we ship is thoroughly tested in our national service center and comes with a 90-day warranty, the same as a new computer.

The Apple IIe is shipped as a complete unit including monochrome monitor and diskdrive.

CALL FOR CURRENT PRICE

- Apple IIe
Cat. No. 167 (32.00) **Call For Price**
- Apple II+
Cat. No. 002 (32.00) **Call For Price**



If you need a computer you can pick up and take with you, this is it.

Apple IIc

Here is a seven-and-a-half pound heavy-weight! The 128K Apple IIc is small but mighty. With a built-in disk drive and built-in ports for adding modems and printers, this computer is ready for work or fun.

The Apple IIc is shipped as a complete unit including monochrome monitor.

CALL FOR CURRENT PRICE

- Apple IIc
Cat. No. 111 (28.00) **Call For Price**

We've sold thousands of used computers—each with a 90 day warranty.



At this price and this quality buy two!

IIc Carry Case Universal Briefcase

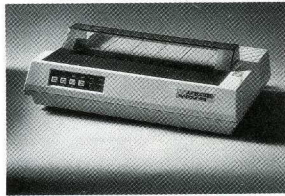
There's room enough in this case to carry an Apple IIc and its power supply. It is made of sturdy nylon and padded for extra protection. A pull-out divider/liner give added support. It makes a great bookbag or briefcase.

\$19

- Apple IIc Carry Case
Cat. No. 224 (5.24) **Our Price \$19**

Seikosha 1000AP Dot Matrix Printer

The 1000 AP is an affordable alternative that comes close in matching the qualities and features of the popular ImageWriter I. It connects through a standard RS-232C Interface. With the Lisa and Apple III you will need a serial and null-modem cable.

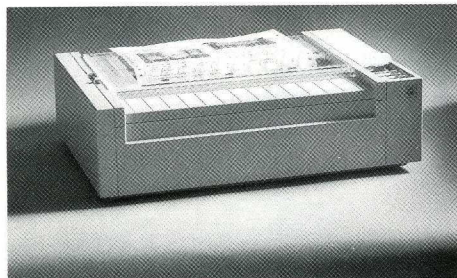


You can get the high quality and font generation allowed by the Macintosh on the 1000 AP. Also built in are other fonts, and pitch units of 9, 10, 12, 13, 14, 15, and 17. It prints at 75 CPS in draft mode and 15 CPS in near letterquality mode.

\$295

Seikosha 1000 AP
Cat. No. 333 (14.90)

Sugg. List. 349
Our Price \$295



ImageWriter I

With the ImageWriter you can produce a paper copy of almost anything you can create on the screen. It's a perfect companion to the Lisa or Macintosh.

Inside it contains its own microprocessor, allowing it to work on its own with the data it receives from your computer. It can print foreign language characters from its built-in fonts, and even reproduce alphabets of special symbols you have designed. Finally, it can print drawings: graphs, pictures, and diagrams.

Accessory kits are available for most Apple computers or you can use a regular serial/modem eliminator cable combination to hook up to any RS232 port. Cables are sold separately. (reconditioned)

\$375

ImageWriter I Printer

Sold New 595

Cat. No. 022 (17.13)

Our Price \$375

ImageWriter I Wide Carriage

Sold New 695

Cat. No. 119 (22.56)

Our Price \$475

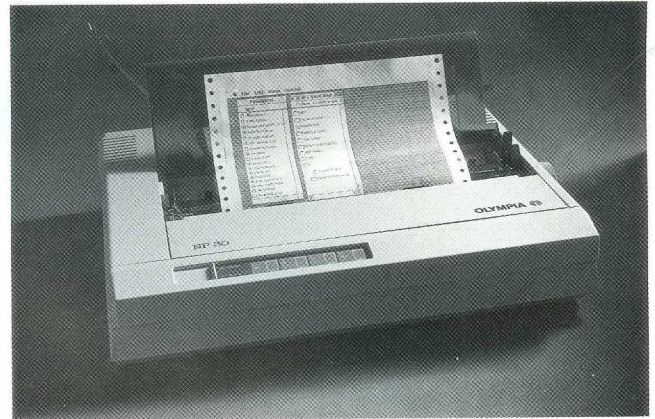
Olympia NP30

The newest printer to our lineup...

Now here is a real printer! If you're still looking for a near letter-quality printer that acts like an ImageWriter but doesn't cost as much, stop looking. The new Olympia NP30 can give you the same quality and speed as the Apple ImageWriter I with a few additional features.

An impressive 180 cps printing speed in draft mode is standard as is an 8K buffer. It is equipped to handle single sheets of paper or pin-fed continuous forms. The ribbon comes in an easy-to-change cassette.

Hook the Olympia NP30 up to a Lisa or a Macintosh and print graphics and fonts just like you would on the ImageWriter. It will also interface to other Apple computers via the serial port.

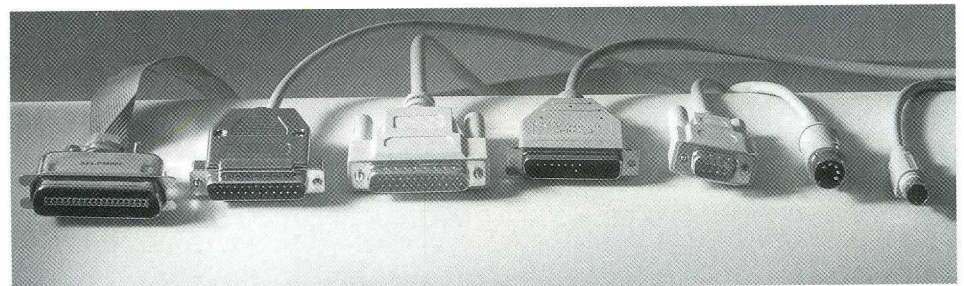


Olympia NP30 Printer
Cat. No. 251 (17.13)

Sugg. List. 399
Our Price \$329

\$329

Cables for all Apple Computers



Cat. No.	Connector	Connector	Peripheral	Computer	Price
347	DB25 Male	MINIDIN8	ImageWriter II	Lisa, III, II+, IIe	\$24.00
082	DB25 Male	DB25 Male	Modem Eliminator	III, Lisa, MacXL	\$10.00
134	20Pin Socket	AMP36 Male	UPIC Card	III	\$24.00
168	DB25 Male	DB25 Male	Super Serial Card Serial Printer*	II, II+, IIe II GS, III, Lisa, MacXL	\$24.00
198	DB25 Male	AMP36 Male	Parallel Printer	III, Lisa, MacXL	\$24.00
263	DB9 Male	DB25 Male	ImageWriter, Plotter** ImageWriter**	II GS Mac+, Mac SE, Mac II	\$24.00
094	DIN5 Male	DB25 Male	Serial Printer	IIc	\$24.00
284	DIN5 Male	DB9 Male	Modem	IIc	\$24.00
287	DB9 Male	DB9 Male	Modem Modem**	Mac II GS, Mac+, Mac SE, Mac II	\$24.00
334			AppleTalk	Mac+, II GS	\$49.00
133			AppleTalk	Macto LaserWriter	\$49.00
033			AppleTalk	MacXL	\$49.00

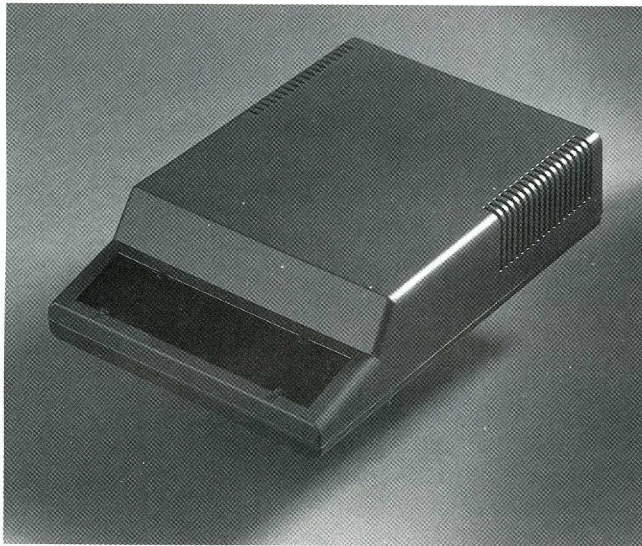
* also requires 082 ** also requires 343

Shipping for all cables \$3.90

SunDialer Modems

Upgradeable and more than that - affordable!

Our new modem gives you the ability to upgrade as you need to. The SunDialer is fully compatible with the Hayes AT command and register set at all speeds. An internal speaker is included as are 11 status LED's. Auto answer and auto dial features are standard.



The SunDialer runs through a self test when powered up. The EC models offer the MNP Error Correction protocol. It comes

complete with cable and software for the Macintosh or for the Apple III. Please specify computer model when ordering. All models work fine with any Apple and many IBM compatible computers.

- SunDialer 1200 baud Modem
Cat. No. 351 (5.48) **Our Price \$99**
- SunDialer 2400 baud Modem
Cat. No. 352 (5.48) **Our Price \$229**
- SunDialer 2400 Error Correcting Modem
Cat. No. 030 (5.48) **Our Price \$259**
- SunDialer 4800 Error Correcting Modem
Cat. No. 246 (5.48) **Our Price \$395**

AS LOW AS \$99

- SunDialer 4800 to 9600 upgrade
Cat. No. 035 (5.48) **Our Price \$600**
- SunDialer 2400 to 4800 upgrade
Cat. No. 247 (5.48) **Our Price \$200**

Avatex Modem

Avatex has offered a line of great performers with high standards and at affordable prices. We offer three models, each with a two year warranty.

The 1200e offers 1200 baud power of the larger models at a sower price. The 1200hc delivers additional hardware controlled features plus Hayes® compatibility, to allow use with virtually all leading communications software.

The 2400 is the fastest, most advanced Avatex modem yet. You get the full range of options offered by the Avatex 1200hc, plus twice the data transmission speed.



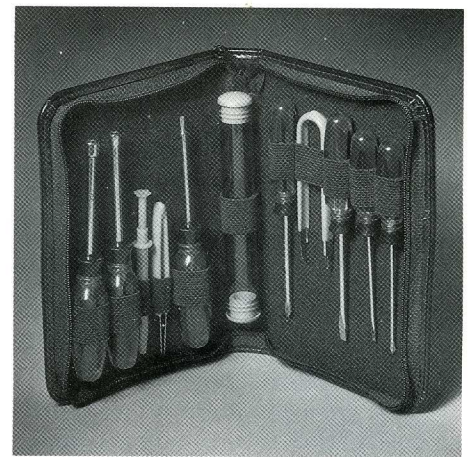
AS LOW AS \$99

- Avatex 1200e Modem
Cat. No. 268 (5.48) **Our Price \$99**
- Avatex 1200 Hayes Compatible Modem
Cat. No. 337 (5.48) **Our Price \$129**
- Avatex 2400 baud Modem
Cat. No. 350 (5.48) **Our Price \$229**
- Modem Cable
Specify Computer **Our Price \$30**

Comrex Joystick

This joystick is almost as fun to use as the games you can use it with. It is compatible with Apple and Franklin computers, as well as use with the Atari 2600, 400/800, Commodore 64, Vic 20, Sears Video Arcade, and ColecoVision.

It has "fire" buttons located on top and on the side, and a fast-response spring-loaded joystick. To use the Comrex on the Apple II+, IIe, or IIc, you need to order the optional adapter. You can even "fine tune" the joystick to the player's personal touch. This is one super buy!



Personal Computer Toolkit

Everything you need for servicing your personal computer's parts, printed circuit boards, and peripherals. These tools are secured in elastic strap holders attached to a handsome and convenient padded black vinyl zipper case.

Includes:

- 2 Nut Drivers
- 2 Phillips Drivers
- 2 Flat Blade Drivers
- Tweezers
- Extra Parts Tube
- Circuit Extractor
- Vinyl Zipper Case
- 8 5/8 x 6 x 1 1/2

This is a quality tool set at an incredibly low price!

\$30

- Personal Computer Toolkit
Cat. No. 326 (3.90) **Our Price \$30**



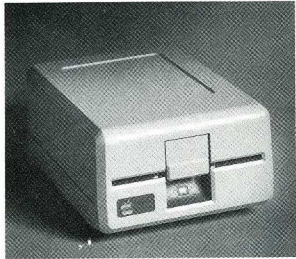
\$15

- Comrex Joystick
Cat. No. 261 (3.90) **Our Price \$15**
- Comrex Adapter II+
Cat. No. 262 (2.00) **Our Price \$5**
- Comrex Adapter IIe & IIc
Cat. No. 272 (2.00) **Our Price \$5**

Chain up to four drives on your Apple III

Disk III

This is the most standard way to increase your system's available storage capacity on the Apple III.



As your storage requirements increase, expand your system's capacity with the Disk III. This is a reliable 5 1/4"

floppy disk drive. The Apple III can accommodate up to three Disk III's in addition to its one built-in drive. This provides for a total on-line storage capacity of 560,000 bytes.

With the attached cable, you plug your Disk III into the appropriate port on the back of your Apple III. (The III+ requires an adapter, sold separately.) You can then daisy-chain an additional two drives for a total of four disk drives on your system.

\$190

Disk III
Cat. No. 009 (5.48)
III+ Adapter
Cat. No. 076 (3.90)

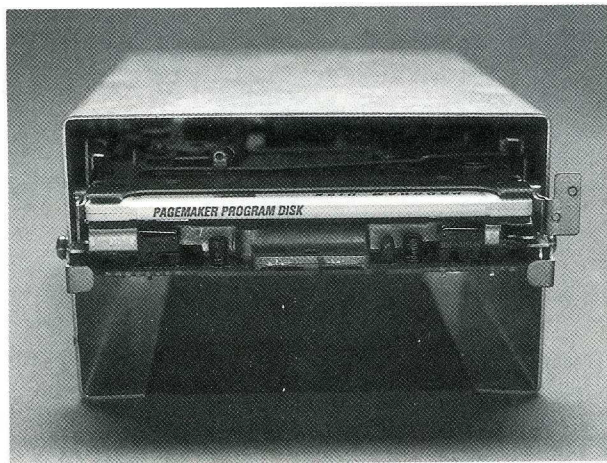
Sold New \$435
Our Price \$190
Our Price \$20

Sun 800K Internal Lisa Drive Upgrade

One of the most requested upgrades for the Lisa/Mac XL is finally available. Now you can use the double-sided 800K 3.5" diskettes on your Lisa. Sun's new self-installable upgrade kit includes the new drive, mounting bracket, 800K driver, adapter cable, ROM chip, install program, and HFS boot diskette.

At this time, the 800K drive works only as a single-sided drive under the Lisa operating system but does work fully under MacWorks 3.0. You can format, read, and write to any Macintosh double-sided diskette. You can also read and write to and from a 400K diskette.

This is great for the newer programs available only on double-sided disks and for backing up your hard disk.



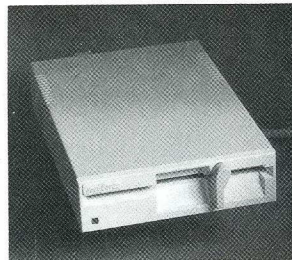
AS LOW AS \$399

Sun 800K Internal Drive Upgrade
Cat. No. 318 (5.88) **Our Price \$399**
after trade (core charge \$40)

Works on any model Apple II!

Disk II Compatible

The one way to best increase the capability of your Apple II is by expanding its storage capacity. The Disk II Compatible is a 5 1/4" floppy drive that plugs directly into a disk controller card in the Apple II, II+, or IIe. It will also work on the IIc or IIgs smartport with the addition of a DB-19 adapter cable. You can use the Universal Disk Controller Card (UDC) on the IIgs and IIe as well.



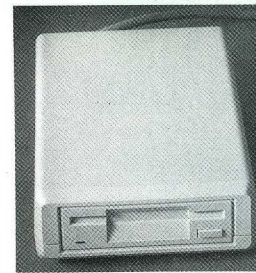
The Disk II comes with an attached cable that interfaces with the standard disk controller card (sold separately). You

can fit two disk drives to each controller card and up to three controller cards into one computer.

The Disk II storage capacity for a single sided diskette is 140K.

AS LOW AS \$129

Disk II Compatible Sugg. List \$199
Cat. No. 074 (5.48) **Our Price \$129**
Disk II with Controller Card **Our Price \$179**
Cat. No. 074.276 (5.48)
Univ. Disk Controller Card **Our Price \$90**
Cat. No. 278 (3.90)
Adapter Cable **Our Price \$15**
Cat. No. 250 (1.00)
Disk II Interface **Our Price \$50**
Cat. No. 276 (3.90)



An affordable second double-sided drive for your Mac.

Sun 800K Mac External Floppy

Here is an inexpensive way to expand the data storage needs on your Macintosh. Our new 3 1/2" double-sided external drive is extremely quiet.

It automatically recognizes both the double and single-sided disks, and reads and writes accordingly. At the heart of the package is the reliable Chinon drive with manual eject button.

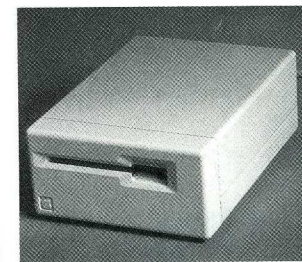
The Sun 800 comes complete with attached cable and is ready to use immediately. Just plug it in and go.

It works only 128K ROMs. So it will satisfy users of the Mac Plus and SE..

\$195

Sun 800K External Floppy
Cat. No. 331 (5.48) **Our Price \$195**

Sun 400K Mac External Floppy



There is still a great demand for a 400K external drive for the Macintosh. Our service department is now taking

the original internal drive from the Mac, completely reconditioning, and packaging it in a new case. It comes with a great price and a 90-day warranty...the same warranty that comes with our new drives!

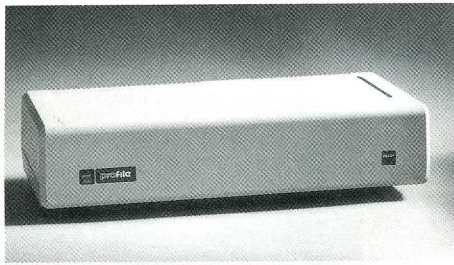
This is still one of the most reliable disk drives on the market. It was made by Sony and comes complete with attached cable. Just take it out of the box and plug it in.

\$99

Sun 400K External Drive
Cat. No. 259 (5.48) **Our Price \$99**

The original Apple hard disk

ProFile Hard Disk



For those of you who need even more storage, there's the ProFile™, Apple's 5- and 10-megabyte hard disk mass storage system. Just to illustrate, the 5Mb ProFile will handle as much information as 35 floppy disk drives. It can store the equivalent of 1,200 pages of single-spaced, typed text.

The ProFile is fast, quiet, and fits neatly on top of the Apple /// between the CPU and the monitor. It can also be used on the Apple II, II+, IIe, and Lisa. When ordering, let us know which computer you will be using with it so we can provide the proper accessory kit (included in the price). The kit includes the appropriate interface card, cable, and software driver, if applicable.

The ProFile has a proven track record. Each one shipped from Sun has performed up to minimum performance levels throughout a 48-hour testing cycle.

The ProFile requires the use of one of the expansion slots. More than one can be hooked up to your computer by having a separate interface card and driver for each unit.

The 5mb model is in good supply, but the 10mb is not. Please call before you order to insure availability. Some additional items you should consider when purchasing your ProFile for an Apple /// would be: Backup /// Utility, Catalyst Program Selector or Habadex.

AS LOW AS **\$595**

ProFile 5mb	Sold New \$1695
Cat. No. 010 (15.49)	Our Price \$595
ProFile 10mb	Sold New \$1995
Cat. No. 123 (15.49)	Our Price \$895
ProFile Accessory Kit Specify Computer	
Cat. No. 141 (3.90)	Our Price \$99
Included with ProFile purchase	
ProFile Accessory Kit Specify Computer	
Cat. No. 142 (3.90)	Our Price \$24
Included with ProFile purchase	

Sun 20 - Lisa Hard Drive System

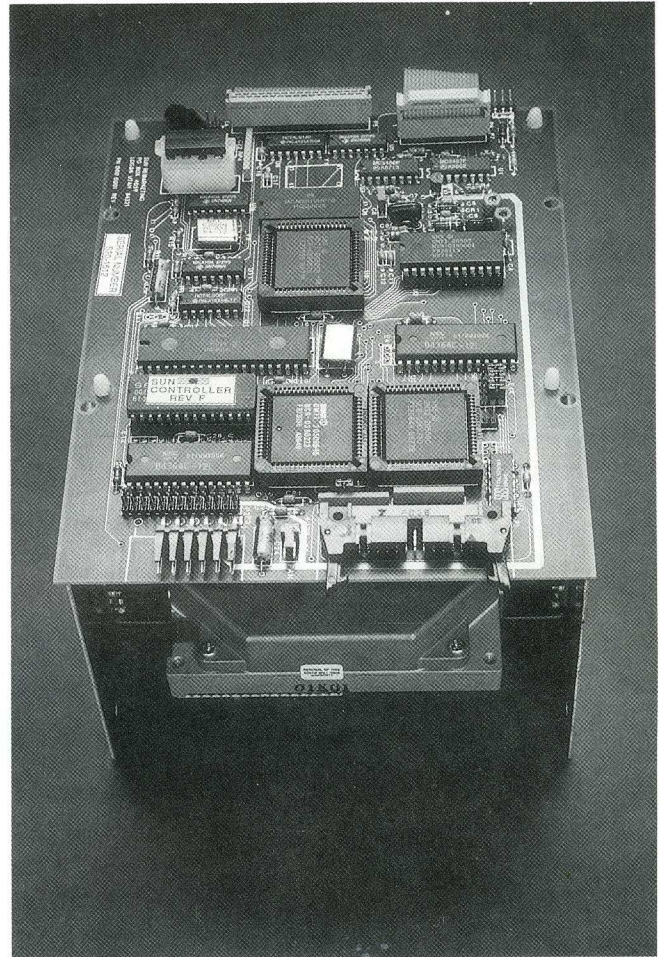
Now you can add even more hard disk storage to your Lisa or Macintosh XL!

One of the Lisa's shortcomings used to be that you were limited to only 10mb of internal disk storage. Well, no longer. After being asked by Apple to take over support of the Lisa (MacXL), we started to work on developing a solution, and along with Apple came up with a completely redesigned hard disk controller card... the Sun 20.

This new card not only solved the challenge of limited storage, but sped up the transfer of data remarkably (as much as three times in some cases). A built-in buffer allows information to be sent to the drive which allows you to get right back to work instead of "hurry up and wait". In fact, the Sun 20 drive is ready to work for you long before the system's self-test has finished. It also operates on a great deal less power.

The Sun 20 is made to fit into the Lisa 2.0 or the MacXL with just the use of two fingers. Simply pull out your current drive cage and slip in our new one. We include, at no extra cost, our Sun Hard Disk Startup which allows the use of HFS.

Please let us know upon ordering which machine it is to be installed in so we can ship the appropriate hardware for hookup. We pre-load MacWorks and the System and Finder on each disk after testing at the



factory. The Sun 20... a great way to upgrade your Lisa or MacXL. *Not recommended for use with the Lisa Office System.*

AS LOW AS **\$995**

Sun 20 Hard Drive System
Cat. No. 229 (13.48) **Our Price \$1095**
Specify Lisa or MacXL Exchange Refund \$100

Works on almost any Apple computer!!!

Quark Hard Drives

From the people who brought you Catalyst comes a line of hard disks that are really quite versatile.

It's as hard-working as it is reliable. By just activating a switch on the back of the drive, you can offer the power of mass storage to an Apple IIe, Apple IIc, Apple ///, or Macintosh (even without the SCSI port). The Quark drive hooks up directly to the external floppy port and does not require additional interface cards.

It is a completely new drive and comes with a 90-day warranty. The 20Mb version sold originally for \$1295, but now at Sun you can save hundreds.

When ordering, please let us know what computer you will be using so we can include the proper cable and software.

\$895

Quark QC20 Sugg. List \$1295
Cat. No. 210 (14.90) **Our Price \$895**

Heirarchical file system on your Lisa...

Sun HFS Hard Disk Startup

Using this program as your boot or startup diskette, you can install the Hierarchical File System (HFS) on a ProFile, Apple's Widget, or new Sun 20. It makes file management much more efficient and dramatically affects the speed of quitting to the finder. It also allows for a greater number of files on any disk.



The program is almost self-installing. You must, however, back up all your files first as it is necessary to reinitialize your disk and install the new directory.

Package includes installation program with latest finder and special XL HFS System, backup diskette, and manual with HFS hints and tips.

Our new HFS-AL provides the same HFS features except adds the advantage of loading the HFS program automatically upon booting your machine up. It takes 800K of disk space and is not recommended for use with the ProFile.

AS LOW AS \$30

Sun HFS Startup

Cat. No. 260 (3.90)

Our Price \$30

Sun HFS AutoLoad

Cat. No. 341 (3.90)

Our Price \$45

Up to 2Mb of RAM for your Lisa!

AST RAMStak

Ever run out of memory on your Lisa/MacXL? Here is the solution. Add an additional 1 1/2 megabytes for up to 2 full mb of RAM and take advantage of such programs as OverVue, Omnix 3, Excel, Jazz, Switcher, PageMaker, and more.

This is a single-slot memory expansion board that is fully compatible with Apple's 512K memory board. Fully populated, this board will take you to new heights in productivity on your Lisa. AST is a company with great pride and experience. Each board comes with a 2-year limited warranty.

\$799

AST 1 1/2 Mb RAMSTAK

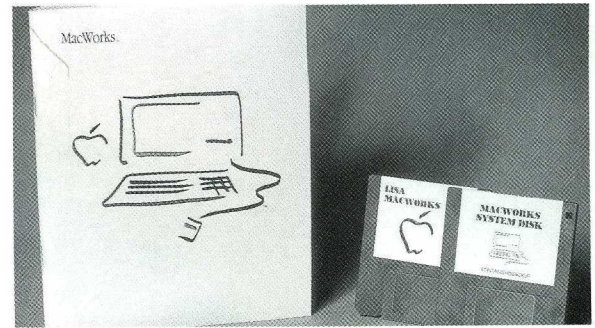
Cat. No. 231 (3.90)

Our Price \$799

MacWorks™ Plus!

Finally! Here is the latest version of MacWorks that makes the affordable Lisa/Macintosh XL think it's a Mac Plus. MacWorks Plus! offers you full Mac Plus compatibility. You can now run Multifinder, Adobe Illustrator Hypercard, and more.

MacWorks Plus! will recognize installed parallel cards without having to run Two-Port Install. HFS is included with this self-installing emulation program. This new program makes the Lisa a most affordable AppleShare server or workstation with the big screen advantage.



Mac Plus compatibility for your Lisa and Macintosh XL is now here!!!

\$200

MacWorks Plus!

Cat. No. 191 (3.90)

Our Price \$200

The original Mac emulation program.

MacWorks XL 3.0

This is the program that allows you to run Macintosh software on a Lisa. It is included at no additional cost when you purchase any Lisa Professional system from Sun. With MacWorks, you can use your Lisa just as you would a Macintosh.

The MacWorks program is used as a boot disk to get you into the Macintosh emulation function. It can be loaded onto a hard disk for automatic startup.

There are some limitations with this program...it is not 100% Macintosh compatible. Most of the popular programs from major developers work just fine. Also games, because of the absence of a four-voice sound generator on the Lisa, can sometimes not work correctly if the developer has not addressed that issue.

Because of the difference between the Macintosh and Lisa screen pixels, everything will appear to be a little bit taller when displayed on the Lisa. Don't worry, though. When you print a document on your Lisa, it will look exactly the way it would on a Macintosh. And the optional Screen Modification Kit can correct that problem as well. But, the Lisa screen size is definitely a blessing.

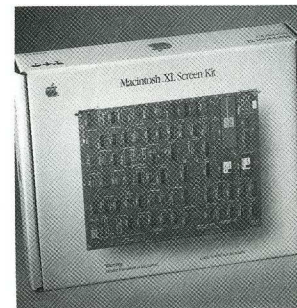
This is a great life extender to the Lisa and well worth the money! A manual and diskettes are provided.

AS LOW AS \$89

MacWorks XL 3.0

Cat. No. 255 (3.90)

Our Price \$89



Easily correct the Lisa's screen aspect ratio to look more Mac-like.

Lisa Screen Modification Kit

This is an optional kit for the Lisa or Macintosh XL that will square up the pixels on the screen. In other words, squares look square and circles look round on the screen as well as on the printed output.

The installation of this kit **MUST** be done by a qualified technician. We will install it in our service center or you must sign a legal release of liability before we ship the product.

The only documentation included is strictly software related; Apple took for granted that only qualified personnel would handle field installation.

It does require that your hard disk be dedicated strictly to MacWorks. All 7/7 files should be removed. Included are new ROM's, software, and a transformer.

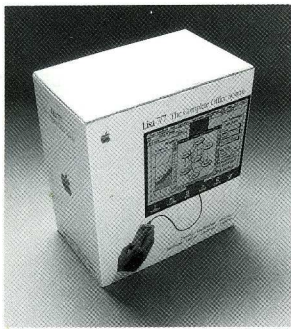
This is a valuable fix for those using paint, draw, or desktop publishing programs such as Pagemaker.

\$79

Screen Mod. Kit

Cat. No. 257 (3.90)

Our Price \$79



Take full advantage of your Lisa with 7/7...

Lisa 7/7 Office System

This was one of the first really user-friendly software systems. Seven integrated programs are combined to complete this package with the most valuable applications wanted in most offices.

The applications included are: LisaCalc, LisaTerminal, Lisa-Draw, LisaGraph, LisaList, LisaProject, and LisaWrite. Taken individually, each is a powerful professional office tool. Taken together, they allow you to do things that simply weren't possible before.

To take full advantage of Lisa 7/7, you'll need a Lisa 2 with 1 megabyte of main memory and a hard disk.

\$295

Lisa 7/7 Office System
Cat. No. 228 (19.80) **Our Price \$295**

Lisa Migration Kit

The Macintosh XL Migration Kit enables Lisa 7/7 owners to convert their files for use with Macintosh applications. The Migration Kit contains two Lisa Install disks and one Macintosh applications disk with the conversion utilities.

The conversion tools allow users to convert:

- LisaWrite files to MacWrite and Microsoft® Word;
- LisaDraw files to MacDraw;
- LisaProject files to Lotus Jazz™ and Microsoft® Excel.

\$45

Lisa Migration
Cat. No. 282 (3.90) **Our Price \$45**

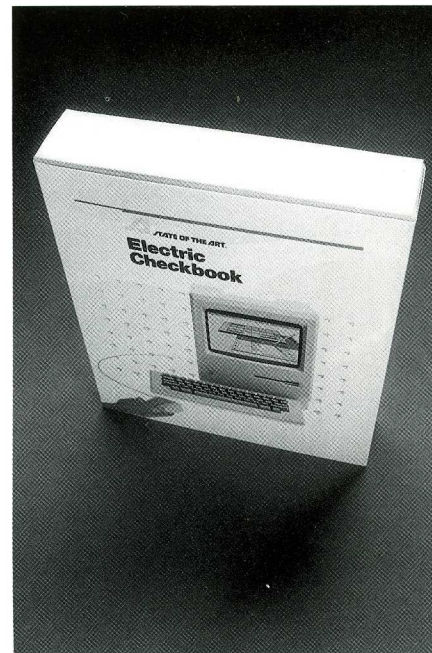
Electric Checkbook

Personal financial tasks have never been simpler - and less time consuming! The Electric Checkbook by State of the Art is the first personal financial software package that anyone can use because it provides you with all the essentials you need in one simple-to-use package.

- Handles multiple bank accounts
- Permits user-defined categories for income, expense, assets, liabilities
- Stores one-time & recurring bill information
- Offers selective bill payment
- Handles handwritten and computer-written checks
- Allows user defined check format
- Maintains complete check register
- Analyzes checks by categories
- Performs automatic bank reconciliation
- Produces detailed personal financial statements
- Makes best use of disk space
- Generates reports on either screen or printer

Electric Checkbook works on the Macintosh with as little as 128K and built-in disk drive. It takes great advantage of the Lisa's large screen. A complete range of personal financial tasks, easily accomplished with the Macintosh and the Electric Checkbook!

This has got to be one of the easiest bookkeeping programs ever!



\$29

Electric Checkbook
Cat. No. 353 (3.90) **Sugg. List 99.00**
Our Price \$29

Still among the most popular Mac programs around.

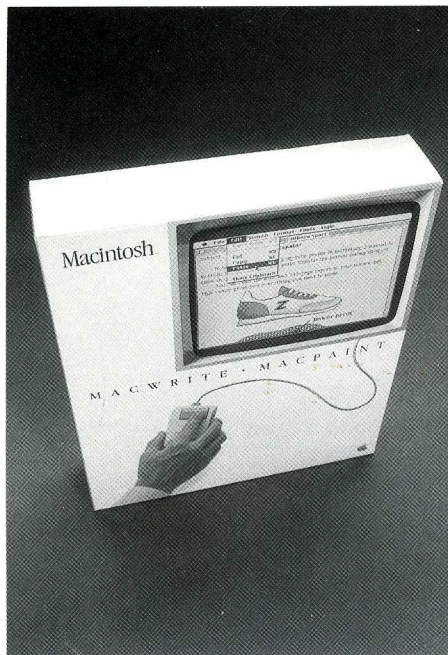
MacWrite/MacPaint

The manuals alone are worth the price of this package. There are two basics bundled in one package. MacWrite is the basic Mac word processor and MacPaint is the basic Mac paint program.

MacWrite offers global search, easy-to-use formatting, and is simple to use and learn. MacPaint is the graphics program that started it all. It is still noted as the best freehand graphics tool. Both programs work great on the Lisa and take advantage of the larger screen. These are not the latest version, but the terrific price reflects that. They can be easily upgraded.

\$39

MacWrite 2.20/MacPaint 1.3
Cat. No. 243 (3.90) **Sugg. List 125**
Our Price \$39



Order No. Page Product Price

Computers

002	6	Apple II+	Call
167	6	Apple IIe	Call
111	6	Apple IIc	Call
006	4	Apple /// 128K	\$549
001	4	Apple /// 256K	\$599
063	4	Apple /// Office Bundle	\$1495
101.010	5	Lisa/ProFile	\$995
003	5	Lisa/10Mb Widget	\$1195
031.229	5	Lisa/20Mb Sun	\$1595
267	6	Macintosh 128K	\$695
291	6	Macintosh 512K	\$895
346	6	Macintosh 512KE	\$1095
207	6	Macintosh Plus	\$1295

Printers

022	7	ImageWriter I	\$375
119	7	ImageWriter Wide	\$475
042		Apple Letter Quality	\$495
132		LQP Tractor Feed	\$95
251	7	Olympia NP30	\$329
333	7	Seikosha 1000AP	\$295
171		Silentye Printer	\$20

Ribbons

162		ImageWriter or DMP	\$7.50
163		Apple LQP	\$7.50
342		Okidata NP30	\$9
339		Seikosha 1000AP	\$10

Modems

268	8	Avatex 1200e	\$99
337	8	Avatex 1200 HC	\$129
350	8	Avatex 2400	\$229
351	8	SunDialer 1200	\$99
352	8	SunDialer 2400	\$229
030	8	SunDialer 2400EC	\$259
246	8	SunDialer 4800EC	\$395
035	8	4800 to 9600 upgrade	\$600
247	8	2400 to 4800 upgrade	\$200

Floppy Disk Drives

074	9	Disk II Compatible	\$129
009	9	Disk ///	\$190
259	9	Sun 400K Mac Ext.	\$99
331	9	Sun 800K Mac Ext.	\$195
318	9	800K Lisa Upgrade	\$399

Hard Disk Drives

010	10	ProFile 5Mb	\$595
123	10	ProFile 10Mb	\$895
229	10	Sun 20 - Lisa/MacXL	\$995
210	10	Quark QC20	\$895

Lisa Software

282	12	Lisa Migration Kit	\$45
228	12	Lisa 7/7 Office Sys.	\$295
191	11	MacWorks Plus!	\$200
255	11	MacWorks XL 3.0	\$89
260	11	HFS Startup	\$30
341	11	HFS AutoLoad	\$45

Lisa Hardware

231	11	AST RAMStak	\$799
257	11	Lisa Screen Mod. Kit	\$79

Macintosh Software

353	12	Electric Checkbook	\$29
243	12	MacWrite/MacPaint	\$39

We can get almost any Macintosh software title. Please call us for a price quote.

Miscellaneous Accessories

224	6	IIC Carry Case/Breifcase	\$19
261	8	Comrex Joystick	\$15
329		Mouse Pad	\$
326	8	Personal Computer Toolkit	\$30

Cables

334	7	AppleTalk Conn. (Mac+, GS)	\$49
133	7	AppleTalk Conn. (Mac-LW)	\$49
274	7	AppleTalk Conn. (XL)	\$49
347	7	ImageWriter II	\$24
082	7	Modem Eliminator	\$10
134	7	UPIC Card	\$24
168	7	Serial Printer	\$24
198	7	Parallel Printer	\$24
263	7	ImageWriter/Plotter	\$24
094	7	Serial Printer	\$24
284	7	Modem - IIC	\$24
287	7	Modem	\$24

PARTS & SERVICE

Apple ///

013	4	256K Upgrade (from 128K)	\$300
265	4	512K Upgrade	\$449
149	4	Built-in Disk Drive	\$150
058	4	Clock Chip Kit	\$30
077	4	Disk Drive Clean & Adj.	\$30
150	4	Keyboard	\$150
037	4	Keyboard Upgrade to ///+	\$150
152	4	Keyboard Rep. Lamp	\$5
155	4	Motherboard	\$300
154	4	Memory Board	\$200
157	4	Power Supply	\$150
143	4	ProFile Factory Format	\$70
138	4	Video Interlace Kit	\$50
Extended Warranty - one year service			
354	4	Apple ///	\$249
354	4	ProFile	\$216

continued next page

product listings

Lisa/MacXL

235	4	Built-in Disk Drive	\$139
318	4	800K Floppy Upgrade	\$439
237	4	CPU Card	\$245
240	4	Widget HD Assembly	\$500
236	4	I/O Board	\$295
234	4	Keyboard	\$225
257	4	Lisa Screen Mod. Kit	\$79
116	4	Memory Board	\$300
238	4	Motherboard	\$245
241	4	Mouse	\$90
281	4	Parallel Interface Card	\$119
239	4	Power Supply	\$245
Extended Warranty - one year service			
354	4	Lisa 2/0	\$264
354	4	Lisa 2/5	\$456
354	4	Lisa 2/10	\$360
354	4	ProFile	\$216

Apple /// Software

011	15	/// EZ Pieces	\$99
024	19	Access ///	\$75
249	19	Access /// 3270	\$75
028	18	AppleSpeller	\$50
032	18	AppleWriter 2.0	\$75
028.032	18	Writer/Speller Bundle	\$99
036	20	Backup /// Diskette	\$15
BPI General Accounting			
044	15	Gen. Acctg.	\$79
040	15	Accts. Payable	\$79
041	15	Accts. Rec.	\$79
223	15	Job Costing	\$79
046	15	Payroll	\$79
	15	G/A, A/R, A/P	\$195
052	20	Business Basic	\$75
054	16	Business Graphics	\$75
057	20	Catalyst	\$99
059	19	COBOL	\$69
252	22	Desktop/PLAN	\$75
089	19	EasyTerm ///	\$75
012	16	Graph 'n Calc	\$75
019	16	Habadex Selector	\$49
027	19	Infonet	\$10
073	19	MicroCourier	\$50
090	20	NPL ///	\$50
098	20	Pascal ///	\$65
099		Pascal 1.2 Debugger	\$35
109		Pascal 1.2 Toolkit	\$35
107		Pascal Programmer Utilities	\$35
164	20	RPS ///	\$50
165	18	Script ///	\$15
116	17	Senior Analyst	\$35
State of the Art Accounting			
106	15	Gen. Ledger	\$89
197	15	Accts. Payable	\$89
100	15	Accts. Rec.	\$89
270	15	Payroll Tax Update	\$25
108	15	Inventory Control	\$99
117	15	Sales Invoicing	\$99
113	15	Prof. Time & Bill.	\$99
	15	G/L, A/P, A/R	\$195
	15	HD Mapper	\$25
	15	Backup Disks	\$25

146	17	QuickFile ///	\$75
137	16	VersaForm	\$99
139	17	VisiCalc	\$75
279	22	VisiSchedule	\$75
215	18	Word Juggler	\$99
289	18	Word Juggler Legal Dictionary	\$55
292	18	Word Juggler Mail List Interface	\$35

Accessories - Apple ///

203	21	Serial Card ///	\$79
175	21	SoftCard /// (CP/M)	\$50
130	21	Titan /// + //e	\$299
135	21	UPIC Card & Cable	\$75

Manuals - Apple ///

069	22	Device Drivers Guide	\$19
085	22	DMP Manual	\$19
248	22	Do-it-yourself /// Guide	\$20
086	22	Driver Installation	\$3
200	22	Guide to /// Software	\$3
136	22	Guide to Apple ///	\$15
045	22	LQP Manual	\$10
103	22	Pascal Pgm. Man. Vol 1&2	\$35
105	22	Pascal Prep Tool Manual	\$19
102	22	Pascal Filer & Editor Man.	\$19
144	22	ProFile Manual	\$10
172	22	SilenType Printer Manual	\$10
174	22	SOS Ref. Manual Set	\$30

Training Guides - Apple ///

033	22	AppleWriter Training	\$10
050	22	Bus. Graphics Training	\$10
122	22	Sys. Utilites Training	\$10
140	22	VisiCalc Training	\$10

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Questions/Service
FAX 801-563-3226

ORDERLINE 1-800-821-3221

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P.O. Box 4059
Logan, Utah 84321

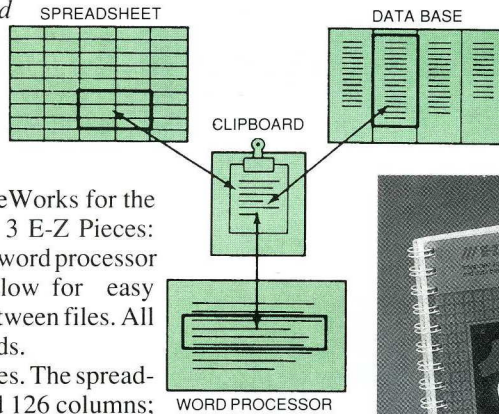
This is AppleWorks™ for the Apple /// -

Word Processor, Data Base, and Spreadsheet in one package!

/// E-Z Pieces

If you are familiar with AppleWorks for the Apple II, you are familiar with 3 E-Z Pieces: integrated spreadsheet, data, and word processor that load multiple files, and allow for easy cutting and pasting within and between files. All programs use the same commands.

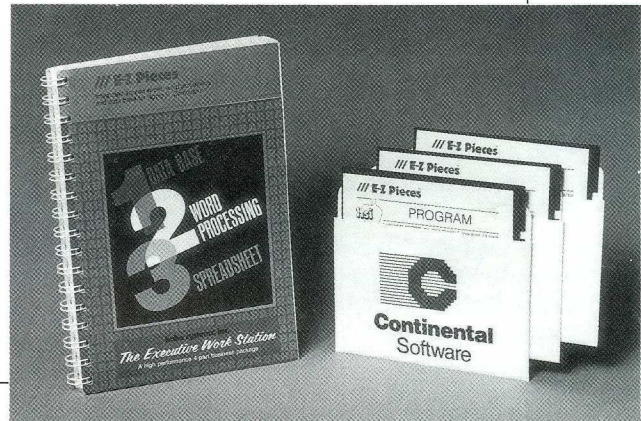
There are on-line help messages. The spreadsheet handles up to 999 rows and 126 columns; flexible column width; repeat formulas; ultra-fast sorting. Feature-rich word processor prints exactly what you see. This is definitely the best, most useful software package for the Apple ///.



Data from Three E-Z Pieces is interchangeable with AppleWorks files...

\$99

- /// E-Z Pieces
Cat. No. 011 (3.90) Sugg. List \$245
Our Price \$99
- /// E-Z Pieces Templates
Cat. No. 225 (3.90) Sugg. List \$89
Our Price \$49
- Haba Merge (mail merge)
Cat. No. 016 (3.90) Sugg. List \$89
Our Price \$49



The most popular accounting series we sell

BPI General Accounting

A double-entry bookkeeping family of products for the Apple ///. Modules include: General Accounting, Accounts Receivable, Accounts Payable and Payroll.

General Accounting module combines general ledger with subsidiary accounts receivable, accounts payable, and payroll ledgers in one software package. It lets you print customer statements and checks for payroll, accounts payable and expense accounts, as well as a complete set of reports. BPI is our best selling accounting package. *These modules require a hard disk.*



The Perfect Solution to Your Accounting Problems Can Be Found in the Apple ///

\$79

- General Accounting Sugg. List \$495
Cat. No. 044 (3.90) **Our Price \$79**
- Accounts Payable Sugg. List \$495
Cat. No. 040 (3.90) **Our Price \$79**
- Accounts Receivable Sugg. List \$495
Cat. No. 041 (3.90) **Our Price \$79**
- Job Costing Sugg. List \$495
Cat. No. 223 (3.90) **Our Price \$79**
- Payroll Sugg. List \$495
Cat. No. 046 (3.90) **Our Price \$79**
- G/A, AP/AR Bundle **Our Price \$195**

All BPI packages are available for the Apple II and Lisa for the same price of \$79 per module.

State of the Art Accounting

Imagine a fast and accurate recordkeeping system, that can also produce extensive reports, anytime, in minutes. Once entries are posted, your system will produce daily, weekly or monthly reports on demand. Menu driven operation, error traps and automatic audit trails each operator accuracy.

This offers a comprehensive choice of stand-alone or fully integrated accounting packages. The system is ready to use on a floppy disk system, but can be mapped to a hard disk with an optional mapper kit (per program). Backups are not included, but are available at an extra cost.

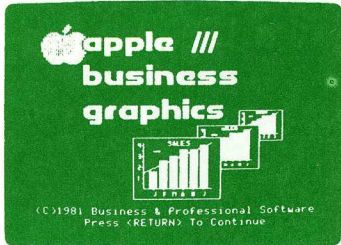
\$89

- General Ledger Sugg. List \$495
Cat. No. 106 (3.90) **Our Price \$89**
- Accounts Payable Sugg. List \$495
Cat. No. 197 (3.90) **Our Price \$89**
- Accounts Receivable Sugg. List \$495
Cat. No. 100 (3.90) **Our Price \$89**
- Payroll Tax Update 1988
Cat. No. 270 (3.90) **Our Price \$25**
- Inventory Control Sugg. List \$495
Cat. No. 108 (3.90) **Our Price \$99**
- Sales Invoicing Sugg. List \$495
Cat. No. 117 (3.90) **Our Price \$99**
- Pro. Time & Billing Sugg. List \$495
Cat. No. 113 (3.90) **Our Price \$99**
- G/L, A/P, A/R Bundle **Our Price \$195**
- Hard Disk Mapper (per program) (3.90) **\$25**
- Backup Program Diskettes (3.90) **\$25**

Turn your data from other programs into easy-to-understand graphics

Business Graphics

Business Graphics accepts data from any SOS-compatible application, such as Visi-Calc, Desktop Plan, or Senior Analyst. It plots a variety of graphs, including bar charts, and scatter diagrams, and includes statistical analysis. It displays graphs on a variety of printers and plotters. To work with some of those devices, program must have a Driver Update performed or be PIK'd (available at an extra charge).



Calc, Desktop Plan, or Senior Analyst. It plots a variety of graphs, including bar

\$75

- Business Graphics /// Sugg. List \$175
Cat. No. 054 (3.90) **Our Price \$75**
- B.G. Product Training Pack Sugg. List \$35
Cat. No. 050 (3.90) **Our Price \$10**
- Printer PIK Service
Cat. No. 048 (3.90) **Our Price \$15**

More than a single program!
Hard disk manager and telephone dialer/calendar/database.

Habadex Program Selector

A program that does double duty! Allows you to load up to 24 programs onto your hard disk, then access them easily from a main menu, thus eliminating separate boot and program diskettes. Also includes a handy telephone dialer, calendar, and data base. Available in floppy or hard disk versions.

\$49

- Habadex Sugg. List \$150
Cat. No. 019 (3.90) **Our Price \$49**



Great Programs to Keep You Right on Track

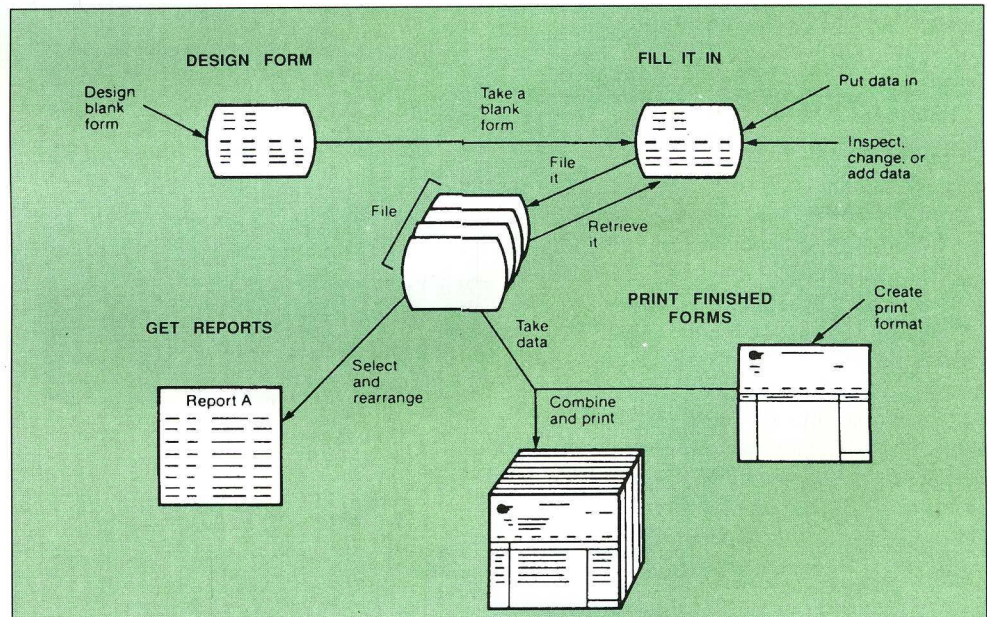
Display your graphs and charts for better analysis

Graph 'n Calc

Combination business graphic development and analytical computation package that develops five different types of graphs and charts. Graphs may be printed on an Apple Imagewriter or on an Epson printer with Grafrax. A special plotter driver is also available at additional cost. Graphs created on video display may be saved to disk for later showing by an integrated "slide show" system that is included.

\$75

- Graph 'n Calc Sugg. List \$129
Cat. No. 012 (3.90) **Our Price \$75**
- Apple Plotter Driver
Cat. No. 311 (3.90) **Our Price \$15**



VersaForm

VersaForm incorporates a powerful and flexible set of user-friendly procedures which allows a non-programmer to set up business forms, store them as files, and generate analyses and management reports from their data. A rich set of automatic-filing, data-entry-checking, and calculation options may be chosen to enhance accuracy and speed input. A data-base reporting system produces detailed summaries of any data items contained within a file of forms. The program can format a printed output to match a preprinted form as though it were manually typewritten. Common applica-

tions of VersaForm include invoicing/accounts receivable; purchase order generation/operations management; professional time and billing; estimation/job costing and personnel records/benefit accrual reporting. The hard-disk version allows file sizes of up to 4 megabytes. Data disks may be interchanged between Apple // and Apple-/// systems.

\$99

- Versa Form Sugg. List \$295
Cat. No. 137 (3.90) **Our Price \$99**

This is the spreadsheet that started it all!

VisiCalc ///

VisiCalc /// is a powerful "electronic worksheet" version of the well-known VisiCalc software, designed especially for use with the Apple ///. It virtually eliminates calculator, paper, and pencil in developing plans and analyzing results. Its extensive, built-in library of financial, statistical, scientific, and modeling functions takes advantage of the Apple ///'s memory.

You can quickly and accurately solve just about any problem that can be put into a row and column format. You don't have to be a programmer to use this, as the commands are simple, straightforward, and powerful.

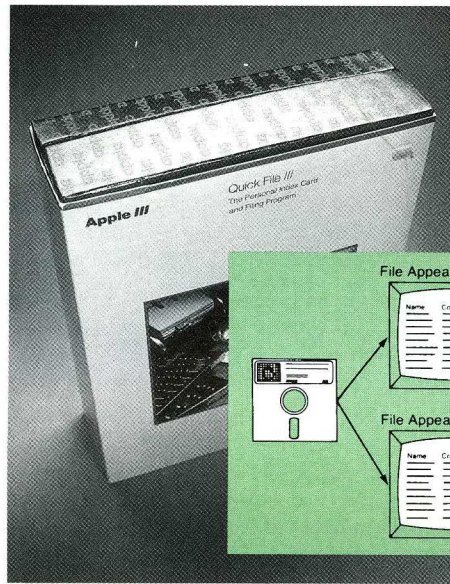
\$75

VisiCalc /// Sugg. List \$195
 Cat. No. 139 (3.90) **Our Price \$75**
 VisiCalc Prod. Training Pack Sugg. List \$35
 Cat. No. 140 (3.90) **Our Price \$10**



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A quick and easy database!

Quick File ///

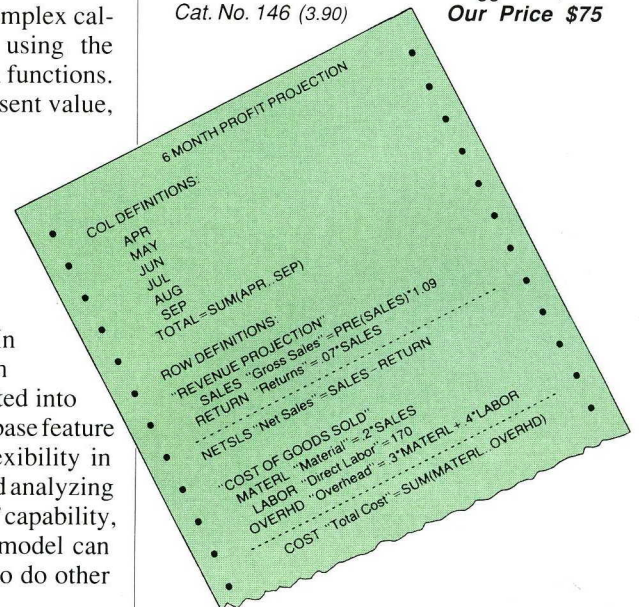
Here is an easy-to-use filing system for managing small to medium-size collections of information. With QuickFile, a doctor,

small business owner, homemaker, or scientist can quickly turn receipts, notes, lists and schedules into coherent files

and reports. It allows simple arrangement of records in alphabetic, numeric, date or time order. It can selectively search, display and summarize records as well as calculate totals and subtotals of numeric information. In addition, it incorporates both tabular and record presentation, complete sorting and selection, calculated columns, group totals, and flexible report generation. Output format is compatible with AppleWriter /// and /// E-Z Pieces.

\$75

Quick File /// Sugg. List \$100
 Cat. No. 146 (3.90) **Our Price \$75**



Use your data and this program to build a model business.

Senior Analyst

This is a modeling package that allows you to create a financial model of virtually unlimited size. It was designed and written to be used by managers and professionals in a corporate environment. Because it's easy to analyze, consolidate, and document information, the user can perform complex calculations easily and quickly using the software's more than 20 built-in functions. These functions include net present value, compound growth rate, three kinds of depreciation, sum, minimum, maximum, linear regression forecast, and more.

Sales reports, budgets, and other management information can be merged into one report. In addition, data can be pulled from existing reports to be consolidated into new reports. This financial data-base feature gives managers tremendous flexibility in creating reports or in viewing and analyzing data. It also features a "spooling" capability, which means that even a long model can begin to print as you continue to do other work on your computer.

\$35

Senior Analyst Sugg. List \$195
 Cat. No. 116 (3.90) **Our Price \$35**

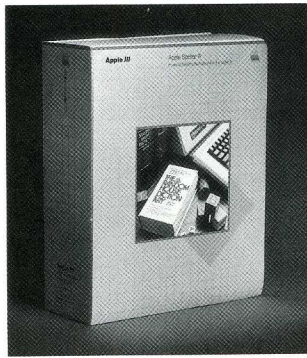
Sophisticated word processor with WPL!

AppleWriter

This is a sophisticated program that turns your system into a sophisticated word processor that will allow you to create, edit, format, and print documents. It includes full text-editing capabilities such as find-and-replace, move text, change case, duplicate text, and underline. Print commands can be embedded in the body of the document to provide powerful control and great flexibility in the look and format of final printed text.

It also includes the powerful Word Processing Language (WPL) as an added tool for creating and archiving special commands and subroutines. Included in the package is a keyboard template allowing ready reference to single keystrokes you define for frequently used commands.

APPLE SPELLER can be run as a menu option of Apple Writer, allowing the user to verify and correct document spelling and return directly to word processing without booting or re-booting either program. The 2.0 version also comes complete with a two-disk training system for new users.

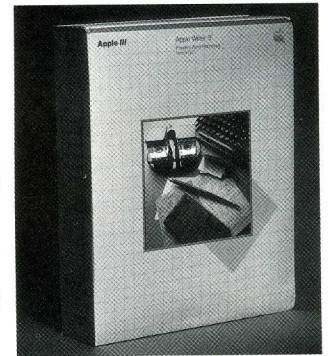


A natural companion to AppleWriter...

Apple Speller

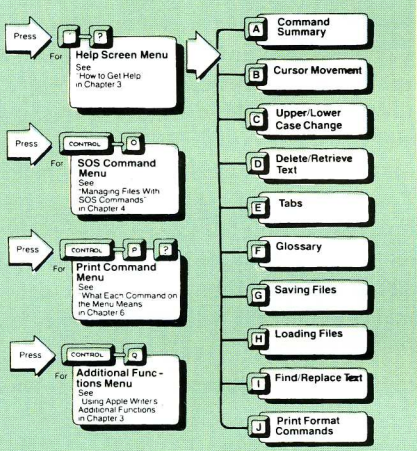
This spelling verification program allows the user to check a document of any size for spelling errors, word usage, word count, and vocabulary analysis automatically. It works with documents produced by Apple Writer 2.0 or greater, and any ASCII document.

The program contains an 83,000 word dictionary, based on the Random House Dictionary, and lets the user create specialized dictionaries, add words, or even delete words not often used. It also provides an auxiliary dictionary with an additional 3400 words for these categories: geography, names, figures, and abbreviations.



AS LOW AS **\$75**

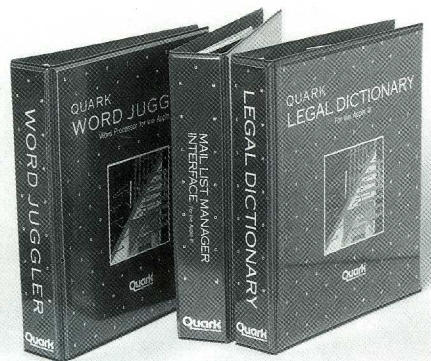
- | | |
|---|---|
| AppleWriter 2.0
Cat. No. 032 (3.90) | Sugg. List \$275
Our Price \$75 |
| Apple Speller
Cat. No. 028 (4.90) | Sugg. List \$195
Our Price \$50 |
| 2.0 & Speller Bundle
Cat. No. 032.028 (8.80) | Sugg. List \$470
Our Price \$99 |
| Writer Prod. Training Pack
Cat. No. 033 (3.90) | Sugg. List \$35
Our Price \$10 |



Complete Professional Menus

\$50

- | | |
|---|---|
| Apple Speller
Cat. No. 028 (3.90) | Sugg. List \$195
Our Price \$50 |
| 2.0 & Speller Bundle
Cat. No. 032.028 (8.80) | Sugg. List \$470
Our Price \$99 |



Letter quality spoken here!

Word Juggler/ Lexicheck

This is a powerful word processing package that combines a general-purpose word processing program with spelling dictionary, mail list, and typesetting features. Page length, margins, or other formatting parameters can be easily changed by referring to a unique keyboard template. Word Juggler can handle documents up to 254 columns

wide. Special printer filters allow the user to take advantage of bold printing, underlining, superscripts, and subscripts. Micro-space justification can be done with most letter-quality printers. Form letters can also be created with an exclusive "fill-in-the-blank" feature.

LEXICHECK: A spelling checker included as part of Word Juggler. Lexicheck allows the user to eliminate almost all typographical errors and common misspellings. It can be accessed from Word Juggler with a single keystroke. Long documents are scanned for misspellings as fast as 14,000 words per minute. Lexicheck comes with a 50,000 word dictionary.

\$99

- | | |
|---|---|
| Word Juggler/Lexicheck
Cat. No. 215 (3.90) | Sugg. List \$195
Our Price \$99 |
| Legal Dictionary
Cat. No. 289 (3.90) | Sugg. List \$149
Our Price \$55 |
| Mail List Interface
Cat. No. 292 (3.90) | Sugg. List \$99
Our Price \$35 |

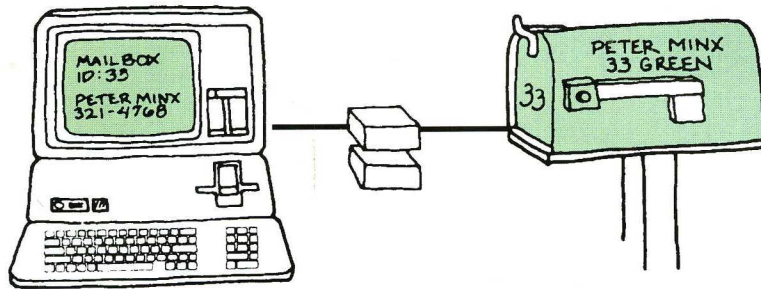
Great Pascal text formatter...

Script ///

This program is a text formatter for files created by the Pascal Editor. It adds style to printed Pascal text files because it allows the user to format programs, documents, or any text using the Apple /// Pascal Editor with greater ease and flexibility than before. Script /// allows the user to embed commands in an Apple /// Pascal text file and get layout-perfect printouts every time. With it the user can designate line spacing, margins, and page breaks, paginate using headers or footers, and underline, center-, left-, and right-justify text.

\$15

- | | |
|-----------------------------------|---|
| Script ///
Cat. No. 165 (3.90) | Sugg. List \$125
Our Price \$15 |
|-----------------------------------|---|



Communicate!

Easiest communications program...

EasyTerm ///

This is a terminal program that gives the user the ability to send an ASCII file from disk, as well as to receive a file from almost any other computer through a modem. It is much easier to use than most other communications programs. There is a minimum of commands to remember.

Uploading and Downloading are as easy as control-up-arrow and control-down-arrow. A direct terminal mode is also supported with speeds of up to 9600 baud and VT 52 emulation.

\$75

EasyTerm ///
Cat. No. 089 (3.90)

Sugg. List \$80
Our Price \$75

One of Apple's most popular!

Access ///

This is a popular program that provides you with Digital VT100 and VT52 terminal emulation. It transforms the Apple /// into a conversational terminal that can communicate with a variety of computers and timesharing systems. By connecting a modem to the Apple /// it allows communication at 110, 300, 1200, 2400, 4800, or 9600 baud.

Includes recording to disk and file transmission. You can work with this program off-line, significantly cutting timesharing charges and computer costs.

\$75

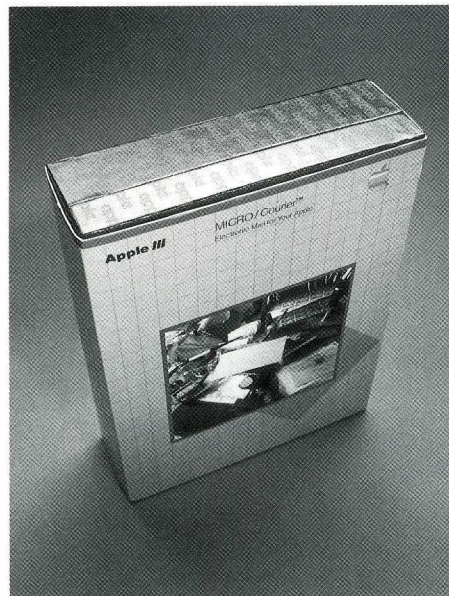
Access ///
Cat. No. 024 (3.90)

Sugg. List \$195
Our Price \$75

Access /// 3270
Cat. No. 249 (3.90)

Sugg. List \$195
Our Price \$75

Requires Cluster Controller



Put your computer on autopilot...
Our best communications program bargain!

MicroCourier

This communications program for the Apple /// allows you to transmit and receive messages, reports, correspondence, any information, to and from other Apple computers, minicomputers, and timesharing systems. It can handle your communications automatically (unassisted) day or night over standard telephone lines.

\$50

MicroCourier
Cat. No. 073 (3.90)

Sugg. List \$95
Our Price \$50

Start your own bulletin board!

Infonet

Infonet is an electronic bulletin board system, now in the public domain, that allows the user to set up and maintain accounts (mailboxes) with different priority levels for mail or general reading. Different levels are controlled by the system operator through the use of user passwords. Customers can phone in to read what's new. Sales people can move files from home to work or vice versa. The same system could work quite well for a customer's business or user groups. OEM's Infonet comes with utilities and file maintenance programs and requires a ProFile Hard Disk or equivalent.

\$10

Infonet
Cat. No. 027 (3.90)

Sugg. List \$200
Our Price \$10

Generate your own code...experiment!

COBOL for the Apple ///

The Apple /// version of COBOL is certified at a higher level than is available for most other minicomputers. Its features take advantage of the larger memory, advanced input/output, and the other capabilities of the Apple ///'s Sophisticated Operating System (SOS). It features Animator, a powerful, screen-oriented, source-level debugger. Animator provides an "animated" view of actual program execution, and allows the programmer to run a program one statement at time or continuously while watching its execution.

This not only allows programmers to debug an application efficiently, but it also makes Apple /// COBOL a good teaching system because the student can actually see his or her code executed. It features FORMS-2, a COBOL source-code generator which lets the programmer begin with a blank screen and end with a fully-operational program. FORMS-2 interactively creates data entry screens and generates COBOL source for use in a program.

\$69

COBOL ///
Cat. No. 059 (3.90)

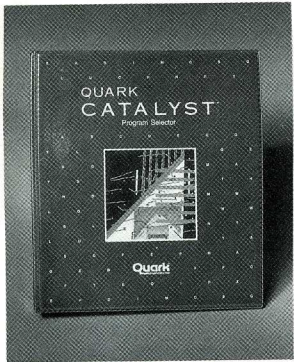
Sugg. List \$495
Our Price \$69

Catalyst

The most popular accessory we sell for the ProFile!

This program selector eliminates the need to swap disks when changing applications by permitting the user to boot from the ProFile hard-disk system. Switching from one application to another requires only one keystroke. Many applications can be self-loaded. This is the latest version 2.1, and comes with Discourse Spooler.

DISCOURSE SPOOLER: This is a software print spooler that lets the user take advantage of the Apple ///'s interrupt capability though SOS, send a file to be printed, and continue working on another file on the Apple ///.



\$99

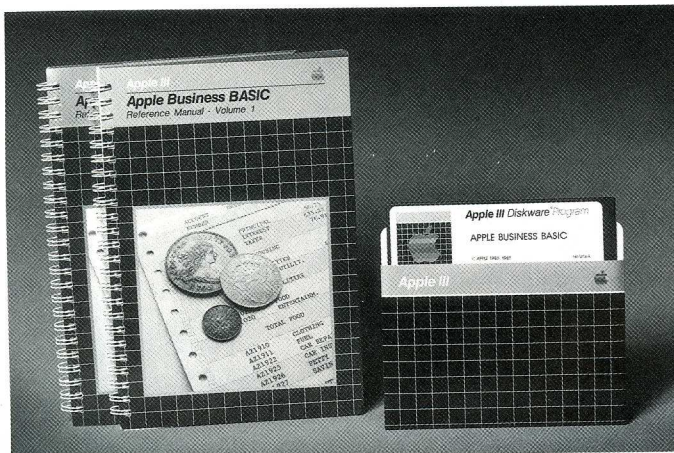
Catalyst /// Sugg. List \$195
Cat. No. 057 (3.90) **Our Price \$99**

A universally popular language!

Business BASIC

Business BASIC for the Apple /// is a powerful BASIC language program that is especially adapted for writing programs for a business environment. It incorporates a number of powerful extensions and special features that make it versatile and easy to use. It is one of the most popular languages found on many computers. It includes easy-to-use graphics and program structures.

All BASICs have their own peculiarities, and attempting to get a program to run without understanding the peculiarities of Business BASIC can be frustrating. The program manual is good, but the McGraw-Hill Guide to the Apple /// (available separately) has six excellent sections on the language. It will ease the new user into it and help the seasoned programmer pick up on this version very easily.



\$75

Business BASIC Sugg. List \$125
Cat. No. 052 (3.90) **Our Price \$75**
McGraw-Hill Guide to /// Sugg. List \$20
Cat. No. 136 (3.90) **Our Price \$15**

Better safe than sorry
with this program!

Backup ///

This is a backup utility for the ProFile. It has the ability to back up either the entire hard disk or only those files which have been modified since the previous backup. It is not shipped automatically with ProFiles shipped from Sun, but must be purchased separately.

\$15

Backup /// (diskette only) Sugg. List \$50
Cat. No. 036 (3.90) **Our Price \$15**

NPL ///

A valuable tool for sorting and selecting the essential information in datafiles. NPL is a "Fourth Generation Language", a system for application development without conventional programming. For novice and advanced programmers alike. Simpler to use than BASIC or COBOL.

\$50

NPL /// Sugg. List \$150
Cat. No. 090 (5.48) **Our Price \$50**

RPS ///

RPS- Record Processing Services provides file management service for programs handling large quantities of data. RPS saves software development time and provides compatibility with different applications (such as Apple File and others) and their data files since data is not locked up in any one program. It is a Pascal-based program. Permits both random and sequential access to files. Maximum file size—16 megabytes. Six access modes. B+ tree index structure.

\$50

RPS /// Sugg. List \$195
Cat. No. 164 (3.90) **Our Price \$50**

Still the standard...

Pascal ///

A general-purpose high-level language, Pascal /// was the first to implement IEEE floating point standard. It offers compiled language which enables programs to execute quickly in minimal space. Its variety of data types, control function, and powerful utility routines can dramatically improve a programmer's productivity on large products. Users can access large existing libraries of Pascal programs, and can run Apple /// Pascal programs with minimum conversion on most computer systems offering Pascal. The source program is also compatible with routines written in Apple II Pascal, so programs can be easily transported without being redeveloped.

\$65

Pascal /// Sugg. List \$250
Cat. No. 098 (3.90) **Our Price \$65**
(other upgrades and Pascal items available- see page 14)

Instant extra serial port!

Serial Card ///

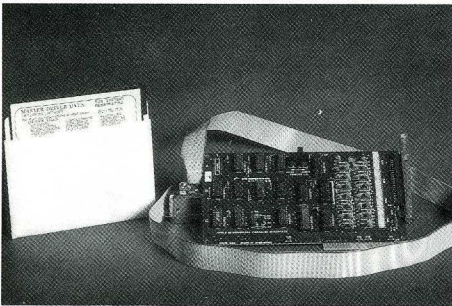
If you need to give your Apple /// an additional RS-232C port, this is the way to do it. Apple's Serial Card /// will allow you to connect an additional modem, printer, plotter, or other accessory that requires a serial interface. It features an on-board switch that lets it operate as either a printer or modem port.

It installs into any one of the ///'s expansion slots.

\$79

Serial Card /// (used)
Cat. No. 203 (3.90)

Sugg. List \$139
Our Price \$79



Add a parallel printer to your Apple ///

Universal Parallel Interface Card (UPIC)

The Apple /// Universal Parallel Interface Card is a simple yet powerful extension to your Apple ///. Using nothing other than the UPIC, a supplied cable, and the proper driver, you can set up your Apple /// to do eight-bit parallel data transfers either to a printer, or both to and from a terminal or another computer.

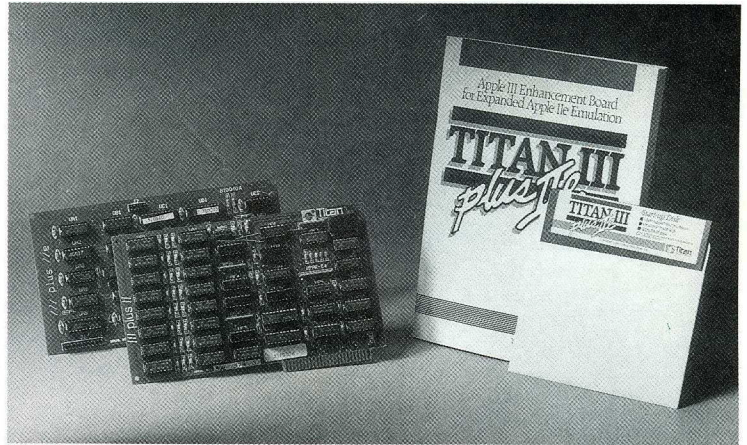
The UPIC installs in one of the expansion slots in the back of your /// (preferably slot 1). It does a great job of supporting graphics commands.

Apple ran out of these and the demand was so high that we went to Taiwan and had a new batch manufactured.

\$75

UPIC Card and Cable
Cat. No. 1135 (3.90)

Sugg. List \$195
Our Price \$75



Turn your Apple /// into an Apple II

Titan /// + //e

If the above emulation fix is not enough, then consider the Titan /// +//e. Now you can have the ability to emulate an Apple //e with 128K on your ///- a nice way to enjoy the best of both worlds.

The system is made up of two interface boards that install in slots two and three in your Apple ///. It includes emulation software that supports a full 80-column display, including uppercase and lowercase letters. A serial printer using the Apple ///'s built-in serial port as well as the ProFile hard disk is also supported. You can access the system clock/calendar, if one is installed from ProDOS.

A special ProDOS RAM disk uses the

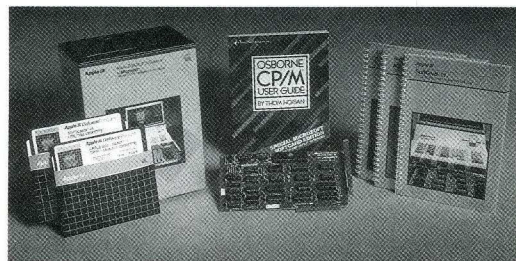
Apple ///'s RAM and is automatically available in //e emulation. And, a fast 128K SOS RAM disk that uses the /// plus //e's RAM is available in Apple /// operation.

The Titan /// +//e works with either a color composite or black and white composite monitor. RGB monitors are not supported by the card. When not using the //e emulation, your Apple /// will work as usual.

\$299

Titan /// +//e
Cat. No. 130 (3.90)

Sugg. List \$495
Our Price \$299



Softcard ///

The Apple SoftCard /// System is a complete hardware and software package that lets you access the many business, science, and education applications based on the widely-used CP/M operating system and the Z80 microprocessor. Thanks to the flexible design of the Apple /// and the Apple ///'s powerful Sophisticated Operating System (SOS), you can now run these CP/M programs and take advantage of all the benefits offered by Apple's ProFile hard disk mass storage system, as well as the easy configurability of the Apple /// itself. It will also provide a number of useful utilities, includ-

Add the capabilities of CP/M to your Apple /// with this package.

ing an 8080 assembler, debugger, editor, and programs for formatting and copying disks. The SoftCard /// lets you use the versatile Microsoft BASIC programming language.

Now available at the lowest price we've ever offered.

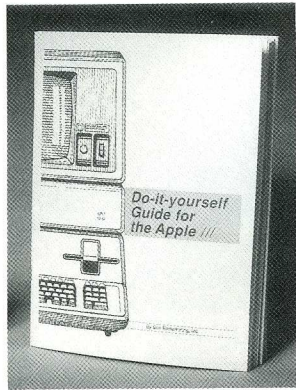
\$50

SoftCard /// CP/M
Cat. No. 173 (5.48)
IMP Communications
Cat. No. 199 (3.90)
2.21 CP/M Upgrade
Cat. No. 062 (3.90)

Sugg. List \$450
Our Price \$50
Our Price \$25
Our Price \$19

Do-it-yourself Guide for the Apple ///

Your Apple /// is not as complicated as it seems. There are only five main components. Here is an easy-to-follow book on how to troubleshoot those components and replace them yourself. It is not meant to take you to the deep, chip level diagnosis, but to help even the most unmechanical person save on repair bills. Most repairs take less than an hour to complete and require only a flat blade and phillips head screwdriver!



Our new book includes: Troubleshooting guide, error code tables, expansion card installations, step by step driver installation instructions, main component replacement, upgrade installation instructions, reference sheets, and a diagnostic confidence program.

Do-it-yourself Guide for the Apple ///
Cat. No. 248 (3.90) **Our Price \$19.95**

Apple /// Manuals

If you would like to know how to or why.....then consider one of the manuals we stock for the Apple ///. Many are out of print, but we have obtained permission to reprint.

- Device Drivers Writers Guide
Cat. No. 069 (3.90) **Our Price \$19**
- Dot Matrix Printer Manual
Cat. No. 085 (3.90) **Our Price \$19**
- Driver Installation Sheet
Cat. No. 086 (3.90) **Our Price \$3**
- Guide to Apple /// (McGraw-Hill)
Cat. No. 136 (3.90) **Our Price \$15**
- Guide to Apple /// Software
Cat. No. 200 (3.90) **Our Price \$3**
- LQP Manual
Cat. No. 045 (3.90) **Our Price \$10**
- Pascal Program Manual (Vol. 1&2)
Cat. No. 103 (2.00) **Our Price \$35**
- Pascal Prog. Prep Tool Manual
Cat. No. 105 (2.00) **Our Price \$19**
- Pascal Filer & Editor Manual
Cat. No. 102 (3.90) **Our Price \$19**
- Profile Manual
Cat. No. 144 (3.90) **Our Price \$10**
- SilenType Printer Manual
Cat. No. 172 (3.90) **Our Price \$10**
- SOS Reference Manual Set
Cat. No. 174 (3.90) **Our Price \$30**

Train yourself guides...

Product Training Paks

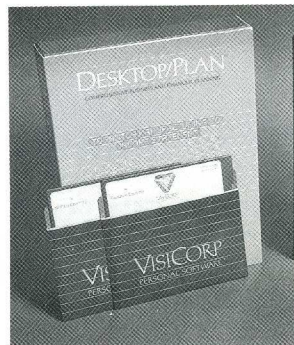
If you're having trouble making sense of software manuals, then a product training kit might be just the relief you have been seeking. These are designed as step-by-step tutorials available for many of the more popular software titles for the Apple ///.



AppleWriter Product Training
Cat. No. 033 (3.90) **Our Price \$10**
Bus. Graphics Product Training
Cat. No. 050 (3.90) **Our Price \$10**

System Utilities Product Training
Cat. No. 122 (3.90) **Our Price \$10**
VisiCalc Product Training
Cat. No. 140 (3.90) **Our Price \$10**

Speed up and automate financial and business planning.



Desktop/PLAN

The Desktop/PLAN programs are highly organized financial planning, budgeting, and analysis packages that guide you from the original layout of your financial model through computerized calculations to the final printout of a boardroom-quality report. It can produce its own line charts and bar graphs. Complex and frequently used financial calculations - even multi-step operations using chains of tests and formulas - become easier, quick to handle. And Desktop/PLAN can handle very large financial "models", too. It is especially useful for transferring individual lines from several budgets into a summary budget, and for consolidating identical departmental budgets.

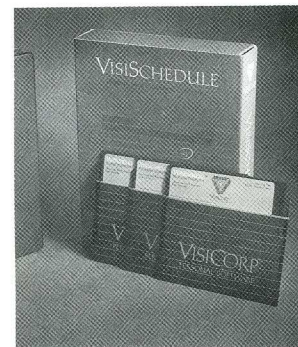
If you've never done financial modeling, Desktop/PLAN can introduce you to an easier and more productive way of financial planning and budgeting.

Desktop/PLAN can also receive information from the VisiCalc program.

\$75

Desktop/PLAN
Cat. No. 252 (3.90) **Our Price \$75**

Make short work of scheduling projects and estimating costs.



VisiSchedule

The VisiSchedule program is a powerful project planner that gives you both the overview and the details you need to control projects, meet deadlines, level resources, and beat cost targets.

It instantly shows you skill levels, costs, and the critical path among your project's tasks. It allocates all costs, specifies earliest and latest start dates, slack times, holidays, prerequisites, and deadlines. The VisiSchedule program also produces comprehensive summaries, calendar time charts, milestone and other reports.

The speed, versatility, and interactive display of the VisiSchedule program make it easy to develop your project as you enter data, and to investigate tradeoffs between manpower, costs, and time. You can ask "what if?" ...add, move, slip, or change any task, skill level, or cost.

Another important benefit is the ease of transferring data to VisiCorp's other Visi™ programs.

\$75

VisiSchedule
Cat. No. 279 (3.90) **Our Price \$75**

order form

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For Orders Only

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801-752-7631
Questions/Service FAX 801-563-3226

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801-753-2899
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Remarketing, Inc.

P.O. Box 4059, Logan, Utah 84321

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C.O.D. Bank Transfer (phone first)

Amount Enclosed _____



NAME _____

COMPANY _____

ADDRESS _____

CITY _____ ST _____ ZIP _____

PHONE _____

ACCT. NO _____ EXP. DATE _____

SIGNATURE _____

QUANTITY	DESCRIPTION	EACH	TOTAL	SHIPPING

UTAH RESIDENTS ADD STATE SALES TAX

INDIVIDUAL TOTALS

SALES TAX

GRAND TOTAL

OUR GUARANTEE TO YOU: We try our best to make sure that the products shipped live up to our promises. If, for some reason, you are not fully satisfied with your purchase, we will replace the product or refund the purchase price of the product only. Most reconditioned products receive a 30 day warranty, some as much as 90 days. Some manufacturers offer even longer warranties. Please call our service line for specific details.

What's New...



Electric Checkbook
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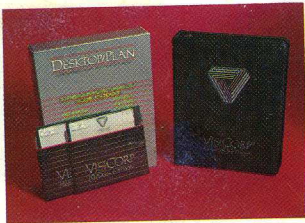
Sun Dialer Modem
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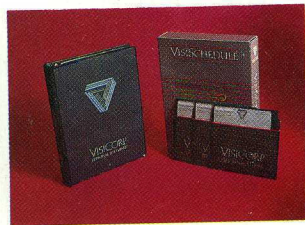
Olympia Printer
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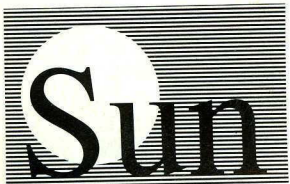


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