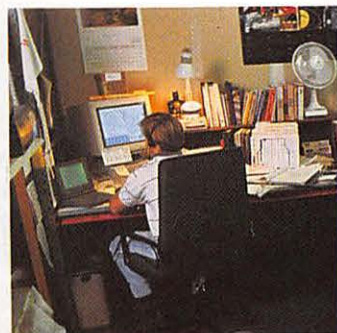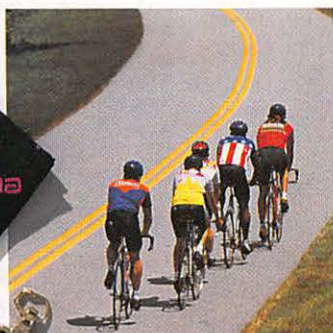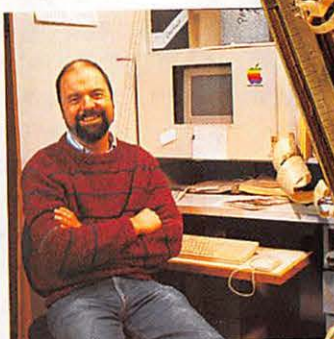# Mac'sPlace

The Place to call first for great prices and service.

WHAT WORKS

In The Real World.
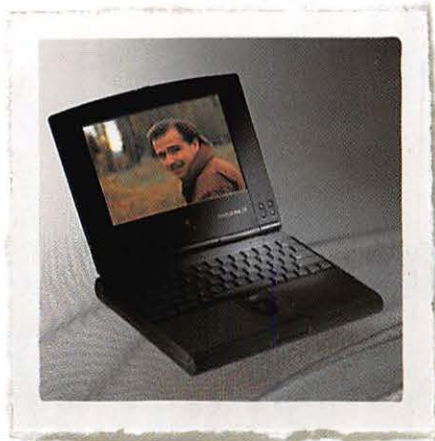
WE SELL MORE THAN PRODUCTS. WE SELL SOLUTIONS AT GREAT PRICES.

New!

LOOK FOR THIS SYMBOL FOR WINDOWS VERSIONS OF YOUR FAVORITE MACINTOSH PRODUCTS!

MICROSOFT WINDOWS

"WHAT'S WITH THIS WINDOWS STUFF?

I THOUGHT YOU GUYS JUST HAD MAC PRODUCTS! DID BILL INVEST IN MAC'S PLACE?"

That's what a lot of people said when I told them Mac's Place was going to sell software programs for PCs running Windows. Now before all you Mac fanatics get bent out of shape, remember I'm a Mac guy just like you. I had a Mac back in January of 1984 before the public knew what a Mac was. I believe in the Mac even more today than I did yesterday. (And I haven't let Bill purchase any Mac's Place stock yet.)

To understand why Mac's Place is offering Windows software you have to remember why we all fell in love with the Mac in the first place. It wasn't the computer itself that got to us. It was the Mac OS (operating system). Computers are literally just a bunch of sand boxes turned into silicon chips that store and process information. If you take away the Mac OS (operating system) and take away DOS running Windows, what you have left is two boxes with processors in them waiting to carry out your instructions. The only real difference between the two machines is in how you communicate the instructions to the computer. And the Mac OS is unquestionably the easiest way to communicate with a computer.

When we fell in love with the Mac, it was really with the Mac OS. You know – that happy face that greets you when it first starts up, those easy-to-use pull-down menus that let you tell the computer what to do, those great windows that allow you to use multiple programs at one time with just a click of a mouse. Above all, that magical interface that works the same way in any program that you use. It draws you in so gracefully, it gets you clicking, pulling, dragging, and before you know it, you have the computer doing what you want it to do. That's Mac OS. And until Windows it was the only interface of its kind available to the public.

Bob's ultimate Mac Duo 230 color.

Then along came Windows.

Windows, a very good copycat of the Mac interface, works on top of DOS so an average user can tell the computer what to do. So now our friends who ran DOS and laughed at us Mac-lovers are finally saying, "Hey! Enough is enough! I'm tired of trying to remember syntax code in eight letter commands I have to type to get a computer to do what I want it to do!"

So what does it all mean?

It means that we're happy to welcome all those users of Microsoft Windows to the power of computing. It means that products like File Maker Pro from Claris that look, feel, and operate the same way on both operating platforms will be tested and sold by Mac's Place. It means that in the future you will see more articles about how to make the two operating systems work better together in an office environment. It means that every day it gets easier to make a computer do more in less time and with less mental gymnastics.

It means that Mac's Place is committed to bringing you the products, information, and technology to help you do more in less time. That's why this issue of Mac's Place Catalog focuses on how real people are using the newest technology to create solutions for their work and their lives. So read on and enjoy their stories.

Sincerely,

Bob Wilkins

Bob Wilkins
President and Founder, Mac's Place

WHAT DO THESE MEAN?

POWERBOOK RECOMMENDED
MAC'S PLACE RECOMMENDS THESE PRODUCTS FOR USE ON YOUR POWERBOOK BECAUSE THEY REQUIRE LESS MEMORY TO RUN AND STORE OR ARE PHYSICALLY MORE PORTABLE.

MONEY BACK GUARANTEE
LOOK FOR THE O SYMBOL. PRODUCTS WITH THIS SYMBOL CARRY A MANUFACTURER'S 30- OR 60- DAY MONEY BACK GUARANTEE. ALL PRODUCTS CARRY A 120-DAY LIMITED WARRANTY FROM MAC'S PLACE. SOME HARDWARE ITEMS CARRY ONE-, TWO-, OR FIVE-YEAR WARRANTIES.

NEW PRODUCT
THIS PRODUCT OR PRODUCT VERSION HAS JUST BEEN INTRODUCED.

OVERNIGHT SHIPPING
WE SHIP ALL U.S. ORDERS OVERNIGHT FOR ONLY $3 PER ORDER. RURAL LOCATIONS MAY REQUIRE AN ADDITIONAL DAY FOR DELIVERY. INTERNATIONAL ORDERS ARE SUBJECT TO INTERNATIONAL SHIPPING CHARGES.

CD-ROM PRODUCT
THIS PRODUCT COMES IN CD-ROM FORMAT AND REQUIRES A CD-ROM DRIVE.

BOOK
THIS PRODUCT IS A REFERENCE BOOK.

WINDOWS
THIS PRODUCT VERSION RUNS ON THE MICROSOFT WINDOWS PLATFORM.

IMPORTANT!
SINCE AN OVERWHELMING MAJORITY OF THE PRODUCTS WE CARRY ARE NOW SYSTEM 7 COMPATIBLE, WE ARE NO LONGER INDICATING THIS WITH THE ❼ SYMBOL. IF YOU HAVE ANY QUESTIONS, ASK YOUR CONSULTANT WHEN YOU CALL.

Mac'sPlace

The Place to call first **for great prices and service.**

MAC'S PLACE ARTICLES:

IN EVERY ISSUE:

DON'T MISS THE BLUE PAGES!

A NEW ADDITION TO THE MAC'S PLACE CATALOG, THE BLUE PAGES ARE FULL OF BARGAINS. LOOK IN THE CENTER OF THE CATALOG FOR THE LATEST DEALS AS FEATURED IN OUR MONTHLY ADS. BUT HURRY! THESE SPECIAL PRICES ARE ONLY GOOD FOR A LIMITED TIME.

DEPARTMENTS

◀ Now sharing is easier than ever.

FileMaker Pro gives you unrivaled power to manage, present, and share your information. This flat file database gets you started quickly with existing templates for invoicing, mailing lists, contact management, project and lead tracking, and more. Flexible drawing and layout of graphics, fields, and text streamlines the generation of reports.

You're in control with easy access to sophisticated features and no need to learn complicated programming commands. Even customize your files with user-definable buttons and scripts. Automate routine tasks, menu operations, and procedures with unique point-and-click script creation. Then share your files among Windows and Macintosh users directly or via a file server. Control user access to files and operations with password protection. An award-winning program!

Claris
5057 FileMaker Pro 2.0 ....**$268.**
5411 FileMaker Pro for Windows ....**$278.**

◀ Add impact to your words.

MacWrite Pro lets you enjoy sophisticated productivity with easy-to-use tables, style sheets, WYSIWYG display, and fast spell-checking. Desktop-publishing functionality lets you place non-text material precisely, wrap text around artwork and tables, create borders and color fills, zoom in for precision editing, and control spacing between characters. Claris ADDit modules let you add new functionality such as tables, notes, sounds, or even math equation editors. Two ADDit modules – Tables and Notes – are even added free to get you started. And Claris XTND technology gives you access to more than 50 different file formats on Mac, PC, and mainframe platforms. With MacWrite Pro, word processing never looked so good.

Claris
5701 MacWrite Pro 2.0 ....**$169.**
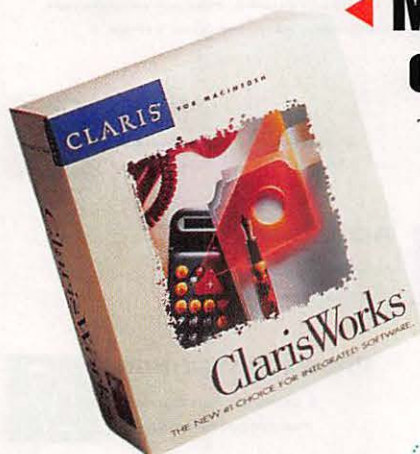
◀ Move with ease from one application to the next.

This isn't just any integrated software program. **ClarisWorks** offers you a single application where you can seamlessly combine text, graphics, spreadsheets, and charts all within the same page on the same screen. It's perfect for small businesses, home offices, corporate managers, and notebook users. You get everything you need to write memos, create reports, organize customer lists, track budgets, design brochures, and generate mailing labels. True WYSIWYG display lets you see on screen exactly what you'll see on your printed document. Comes complete with outstanding training materials and sample files. Online help answers your questions as you work.

Claris
6144 ClarisWorks 2.0 ....**$198.**
5900 ClarisWorks for Windows **$98.***

* Limited time offer.

Great business presentations are as easy as one, two, three.

Get three best-selling business software packages (a $989 suggested retail value) for just $138! First, **Lotus 1-2-3** for Macintosh lets you blast through any spreadsheet project with unmatched speed and ease-of-use. Only Lotus 1-2-3 offers in-cell editing. Simply double-click on a cell to instantly edit text, values, and formulas. Another Lotus exclusive, true 3D worksheet allows you to consolidate with up to 256 worksheets in a single file. Your presentations will dazzle with QuickTime support and high-impact business graphics.

Second, as a two-time winner of *MacUser's* Best New Word Processor award, **WriteNow** includes a 135,000-word spell checker, a 1.4 million word DA thesaurus, powerful style sheets, mail merge, and virus detection.

And third, if you're not satisfied with your charts, **DeltaGraph** will give them new life. Choose from 120 types covering the full spectrum of business and scientific needs.
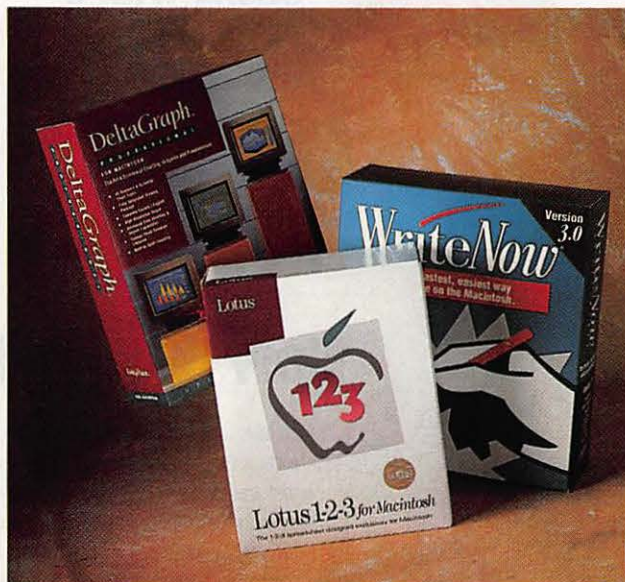
Lotus Development/ T/Maker/ DeltaPoint
5964 Lotus 1-2-3 Presentation Bundle ....$138.

Make your day – faster & easier.

Choose a calendar that's quick on the draw. New **Daymaker 2.0** is not only dramatically faster than before, it's filled with new features. The most requested is the "recurring events" function. Now you can name special events and have them automatically inserted into your calendar at regular intervals of your choice.

The "to-do" list now has its own window, where you can keep two lists – one for things you've done, and a waiting list. Another feature is the "item" window, which lets you easily see and edit item characteristics, such as tags, priorities, times, and alarms. You can have several "item" windows open at the same time.

All your DayMaker printouts can now show headers, footers, page numbers, plus date and time info. "Print preview" lets you see your calendar in all its glory, to catch any errors. (Just in case you need to use the new "undo" command.)

Pastel Development ○
5261 Daymaker 2.0 ....$78.
5263 Daymaker 2.0 Network 5-pak ....$328.
5264 Daymaker 2.0 Network 10-pak ....$568.

POWERBOOK
RECOMMENDED

Mac'sPlace

◀ Stay in touch easily with a free-form organizer.

NEW!

InTouch 2.0 is the easiest-to-use contact and time organizer available! Easily group, sort, and list your contacts. Auto-dial. Take extensive notes. Print envelopes, labels, address books, fax cover sheets, and a daily calendar. "Snap" is a utility that instantly finds and pastes addresses and prints envelopes from within any application. A 4-mice rating from *MacUser*.

Advanced Software
5908 InTouch 2.0 ....$56.
5940 InTouch Network 3-pak ....$139.

POWERBOOK RECOMMENDED

Now the details don't have to take all day.

More interested in getting the job done than figuring out the nuances of several different programs? **Shortlist** seamlessly integrates the features of several different productivity tools in one easy-to-use program. Time management, prospect and event tracking, phone dialing, mail merging – rather than buy and learn a half dozen such programs, Shortlist lets you enter the data once and access it in cross-functional contexts. For example, an appointment is displayed – you can quickly access the individual's background, other company contacts, and past correspondence; then phone the company, and create a letter and mailing label – all with one program! Shortlist is perfect for the PowerBook – its power-saving features extend battery life up to 50 percent.

Konami ○
5965 Shortlist ....$72.

NEW!

POWERBOOK RECOMMENDED

When you need to know where.

Atlas Pro lets you import data from your spreadsheet or data management program and turn it into a presentation-quality map. It's the most sophisticated, yet easy-to-use, geographic analysis and presentation program you can find. Target your market, design sales territories, plan product distribution, and analyze environmental issues. Get brilliant show-quality results on screen, slide, or from your printer.

Street-Level Address Matching lets any address you enter become a point on your map. You also get a wealth of geographic data taken from the 1990 census and hundreds of digital maps.

Local Expert gives you great travel tips combined with clear, crisp, detailed maps. It's a food critic, business resource, nightlife review, and sports directory all rolled into one. Best of all, the 140 information categories fit easily onto your PowerBook or desktop Mac. Zoom in and out of world, regional, and city maps. Locate places, ZIP, and area codes. Measure distances between points.

Strategic Mapping Inc. ○
5458 Atlas Pro ....$498.
5967 Local Expert ....$83.

NEW!

Inspiration 4.0 is a fast and easy diagramming and outlining tool. It lets you visualize, expand, and organize your thoughts. Inspiration lets you jot down ideas and link them in outline or graphic form, and easily make visuals, flow charts, and diagrams. Features include Discontinuous Topic Selection, 63 pre-defined symbols, and a draw environment.

Inspiration Software, Inc. (formerly Ceres Software) **O**
5523 Inspiration 4.0 .... **$174.**

Now it's even ▶ easier to brainstorm and organize your ideas.

The company synonymous with color brings you **ColorUP**, a software utility that can automatically improve your use of color in your business presentations and reports. Hundreds of color palettes have been created for export into the most popular business graphic and drawing programs. Customize existing palettes or create your own. It's like having an accomplished graphic designer at your fingertips.

Pantone
5914 ColorUP .... **$62.**

Create dazzling color presentations without being an expert.

Start with word processing. Add database, spreadsheet, and charting capabilities. Mix in drawing and painting tools. Top it all off with communications software and you've got **Works**. Six popular modules seamlessly combined so you can create great-looking documents for every occasion. Each program's toolbar gives easy access to features. In-context editing allows you to edit information from other documents, no matter what program they were created in.

WordPerfect Corp.
5926 WordPerfect Works .... **$158.**
5986 WordPerfect Works Comp. Upgrade ...... **$98.**

All ▶ together now.

NEW!

Organize all your contact and schedule information easily.

ACT! for Macintosh provides tremendous productivity benefits for anyone whose business activity centers on people and schedules.

It makes simple work of establishing and maintaining a diverse and continuously evolving database of contacts and tracking all the activities and information associated with them. Act! for Macintosh automatically and intuitively documents every detail about each contact and activity – past, present, and future. This unique, integrated contact and calendar-management solution makes manual paper-based organizational systems obsolete. Handle your hectic and often complex schedule on your Mac with ACT!'s completely automated system.

ACT! for Macintosh is the newest productivity tool from the makers of ACT!, the best selling contact and calendar manager on the market. ACT! truly provides a complete way to take control of your day!
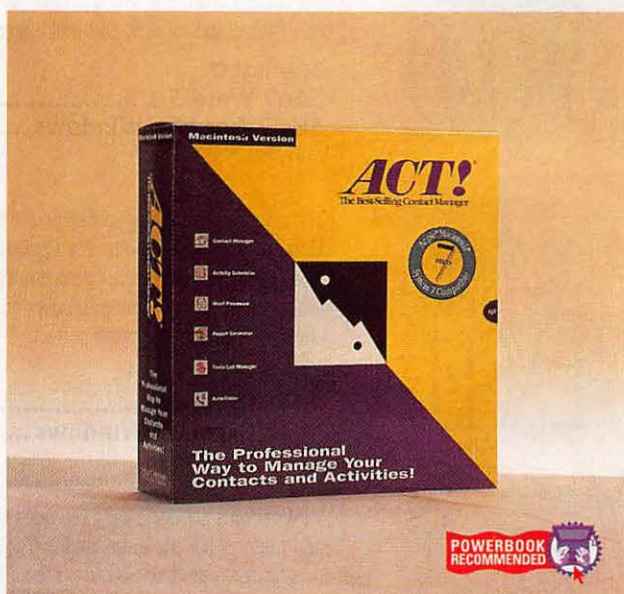
Contact Software **O**
4970 Act! for the Mac .... **$249.**
5273 Act! for Windows .... **$249.**
5592 Act! Comp. Upgrade .... **$89.**

MICROSOFT WINDOWS COMPATIBLE

POWERBOOK RECOMMENDED

5

Mac'sPlace

Save over $1000 on an office

for only $478

Microsoft Office is a great deal – the full versions of the latest Microsoft Word, Excel, PowerPoint, and Mail for $1,171 less than if you purchased them separately.

See the Product Listings beginning on page 67 under Business for more great products from Microsoft.

Microsoft **O**

5645 Office 3.0	....	$478.
5688 Office 3.0 CD-ROM	....	$478.
5840 Office for Windows	....	$478.
6024 Office for Windows CD-ROM	....	$478.
6089 Office for Windows Upgrade	....	$348.
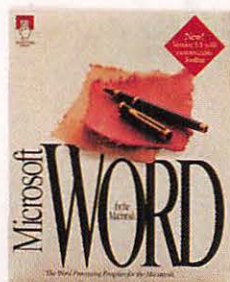
Word 5.1 gives you easy ways to do all the most common tasks. With the unique customizable Toolbar, you just click buttons to do tasks in one step – like checking spelling, printing your document, making envelopes, and adding bullets. You can even change the buttons to best suit the tasks you do most. And with drag-and-drop editing you'll polish up documents in no time. Word 5.1 also gives you a built-in grammar checker, charts, instant tables, the ability to add graphics and QuickTime movies, and much more.

Microsoft **O**
5567 Word 5.1 .... $294.
5843 Word for Windows .... $308.

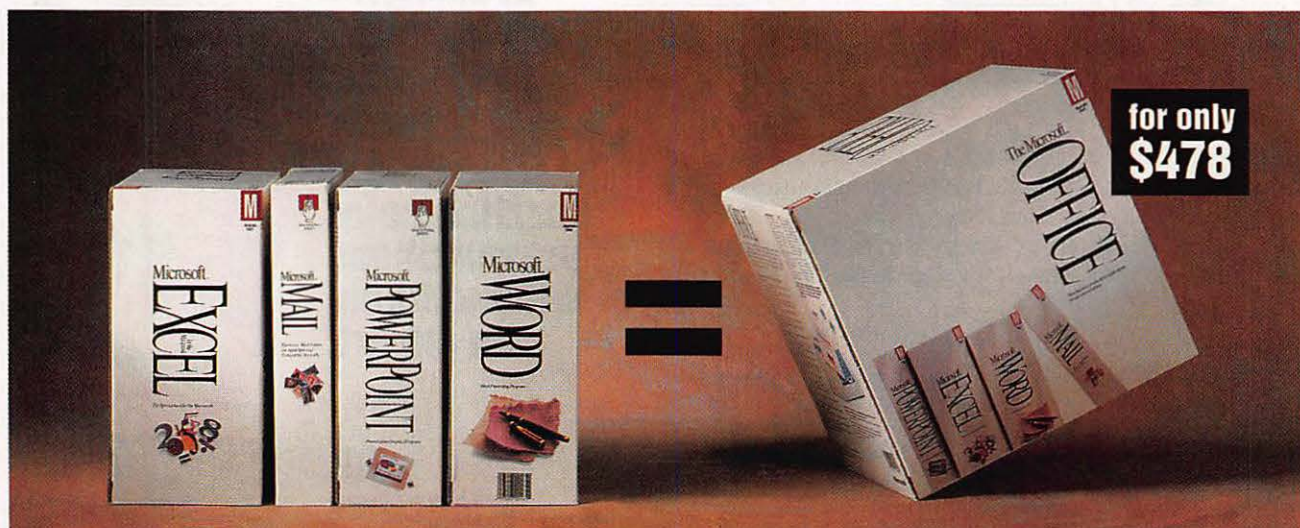The number-one selling spreadsheet for the Mac now makes everyday spreadsheet tasks easier than ever before. With **Excel 4.0** you can produce a spreadsheet fast using features like drag-and-drop to move information or autofill to intelligently project trends. Create multiple "what if" scenarios and use the Scenario Manager to view them all at the same time. And Excel 4.0 provides unrivaled presentation tools – 16 professionally designed spreadsheet formats and a spell-checker to make your work perfect.

Microsoft **O**
4356 Excel 4.0 .... $294.
5838 Excel for Windows .... $294.
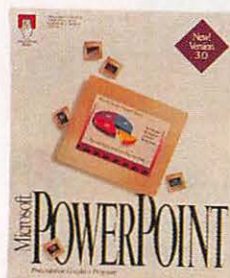
PowerPoint has everything you need to create successful presentations – word processing, outlining, graphing, drawing, and more. It has the same kind of Toolbar, menus, and keyboard shortcuts as Word and Excel, so you can spend time mastering the content of your presentation, not wrestling with software. The templates and 5000 professionally designed color schemes make your ideas look great, so making an impression with your audience is easier than ever. Run your presentations on any Mac or Windows-based system using just the PowerPoint Viewer. There's no need to install PowerPoint, the Viewer can be freely copied, and no translation between platforms is required.

Microsoft **O**
5537 PowerPoint 3.0 .... $324.
5841 PowerPoint for Windows .... $324.

full of Microsoft applications.
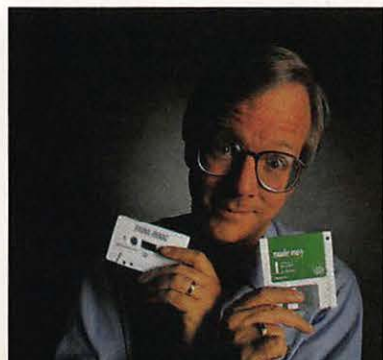
"Now becoming an expert is not only easy, it's fun. These tutorials will make you fall in love with computing."

– Peter Norton, acclaimed software expert and developer of The Norton Utilities

You haven't upgraded? Have we got a deal for you!

Now's the time because you'll get Personal Training **free** with your upgrade to Word 5.1 or Excel 4.0. (A $48 value!) These audio cassette tutorials lead you through the software step by step with hands-on exercises. And it's easy to upgrade at Mac's Place. Just fax or mail us the first page of the user manual (or mail us the original program disk) from any previous version of Word or Excel. It's that easy. So now what are you waiting for.

Microsoft **O**
4357 Excel 4.0 Upgrade ....$94.
5571 Word 5.1 Upgrade ....$124.

Personal Training Systems **O**

Personal Training for Word
4568 Beginning ....$48.
4569 Intermediate ....$48 *or Free with Upgrade.*
4570 Advanced ....$48.
4571 Additional Features ....$48.

Personal Training for Excel
6012 Beginning ....$48.
6011 Intermediate ....$48. *or Free with Upgrade.*
6013 Advanced ....$48.
6014 Creating Business Graphs ....$48.
6016 Macros ....$48.
6015 Powerful Spreadsheets ....$48.

Get integrated power. ▶

Microsoft Works 3.0 has powerful tools that let you combine words, numbers, and graphics with great results. The word processor, database, spreadsheet, drawing, and communications all work together easily and naturally, so you can work the same way. You get plenty of power to create financial reports with charts, newsletters with artwork, and mass mailings with automated labels. And online training and help make Works easy to learn and use. Try it and see what a quarter million users already know.

Microsoft **O**
5068 Works 3.0 ....$158.
5071 Works 3.0 Upgrade ....$79.
5846 Works for Windows ....$124.

MICROSOFT. WINDOWS. COMPATIBLE

Work smarter! ▶

When you're in control of all the information, you're in control of your deadlines, resources, and costs. **Microsoft Project 3.0** makes it easy to get result. Once you list steps, your schedule can be calculated automatically – even backwards from a finish date. Assign resources and monitor workloads to optimize productivity. Project is so flexible you can create your own macros and customize the Toolbar. And a tutorial guides you step-by-step through the program and project management techniques. Project makes it easy to plan accurately, manage wisely, and communicate effectively.

Microsoft **O**
5258 Project 3.0 ....$445.
6035 Project for Windows ....$445.

MICROSOFT. WINDOWS. COMPATIBLE

SHIPS SAME DAY! ORDER BY 10PM PST $3

Mac'sPlace

Fast, easy-to-use accounting software.

Your business might be complicated, but your accounting software doesn't have to be. CheckMark's **MultiLedger** and **Payroll** programs were selected as *Macworld* Editors' Choice (November 1992). Cash Ledger provides basic bookkeeping for cash-based businesses.

CheckMark Software **O**
5505 MultiLedger 3.0 ....$228.
5507 MultiLedger 3.0 (5-user) ....$438.
5508 Cash Ledger 1.5 ....$112.
5504 CheckMark Payroll 5.0 ....$174.
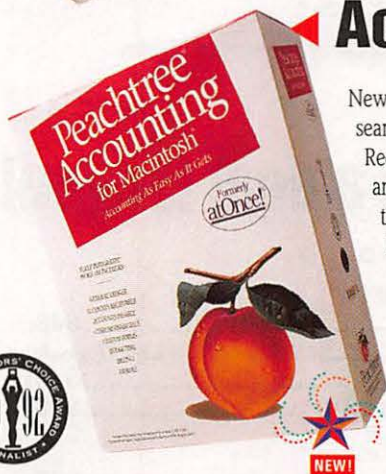
Accounting as easy as it gets.

New **Peachtree Accounting** for Macintosh is perfect for a home or small business of ten or fewer employees. It seamlessly integrates accounting functions such as General Ledger, Budgeting, Accounts Payable, Accounts Receivable/Billing, Payroll, Inventory, Job Costing, Bank Reconciliation, Purchase Order, Custom Forms Design, and Custom Financials. Real time processing means you update information in one module, automatically updating the others.

Not an accountant by trade? Peachtree helps you out with an interactive HyperCard tutorial, an on-line accounting basics textbook, and more. Peachtree combines flexibility and ease-of-use to give you all the accounting tools you need to successfully manage your business.

Peachtree Software **O**
4481 Peachtree Accounting for Macintosh ....$78.*
4907 Peachtree Insight Accounting for Macintosh ....$298.
♣♣♣♣½   ** Limited Time Offer*
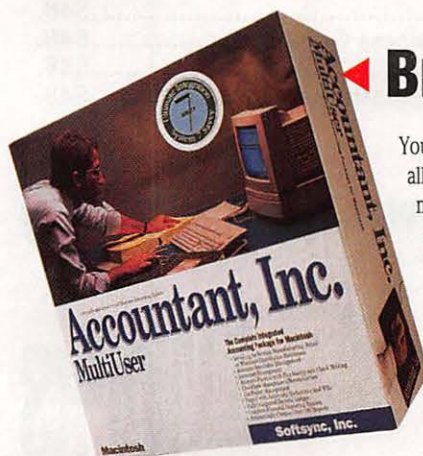
Breeze through accounting tasks.

You enter information once and the program updates the various accounts automatically. **Accountant, Inc.** has all the functions a small business requires – general ledger, accounts receivable and payable, inventory management, payroll, check writing, invoicing, and more. With over 100 reports in the program, you have access to more than just accounting data – you've got sales, inventory, payroll, and other analyses. *MacUser* says it's "... the most complete integrated accounting and financial management package for the Mac. With its task oriented presentation you can make full use of this program without having to know much about accounting." With the multi-user version, everyone in your office can use Accountant, Inc. at the same time.

Softsync, Inc. **O**
3086 Accountant, Inc. ....$328.
5664 Accountant, Inc. MultiUser ....$849.

Get your paperwork system into top form.

Still filling out forms by hand? **Informed Foundation's** complete electronic forms system saves you money and improves productivity. Easily design "intelligent" forms, fill them out, route them to others, link to other databases, and control distribution of revisions. Save unnecessary typing, ensure accuracy, spend less on storage costs, and later find any completed form.

Shana Corporation **O**
5943 Informed Foundation ....$334.

Monitor billable hours easily. ▶

Timeslips III is a powerful time and expense-tracking program that boosts productivity and makes bills more complete. Handle up to 3,400 clients with 128 projects each. Generate summary, budget, and many other useful reports. Use **Timeslips Accounting Link** (TAL) to transport data from Timeslips III to your accounting program, including MYOB, and generate many important income analysis reports independent of accounting programs. With **LapTrack**, you can record time and expenses more easily than ever before – whether you're in the office or in the field. Designed for the single user, it allows you to generate reports and graphs of time, expenses, budgeting, and productivity. A handy address book feature allows you to easily access each client.

Timeslips Corp. **O**
4096 Timeslips III .... **$192.**
5110 LapTrack .... **$52.**
3312 Timeslips Accounting Link .... **$49.**
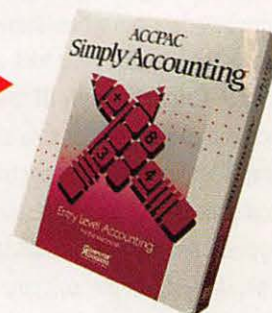
POWERBOOK RECOMMENDED
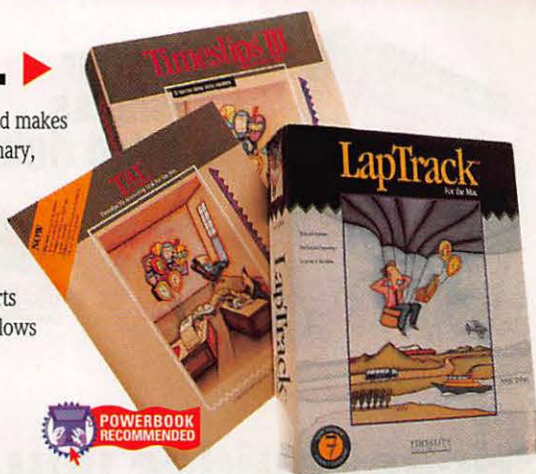
Simply Accounting contains everything you need to get up and running in a flash. The primer walks you through basic accounting principles, and includes a real-life tutorial with sample data. Yet it has all the practical, powerful features you need to grow a successful business. Reports, General Ledger, Accounts Receivable/Payable, payroll, and much more.
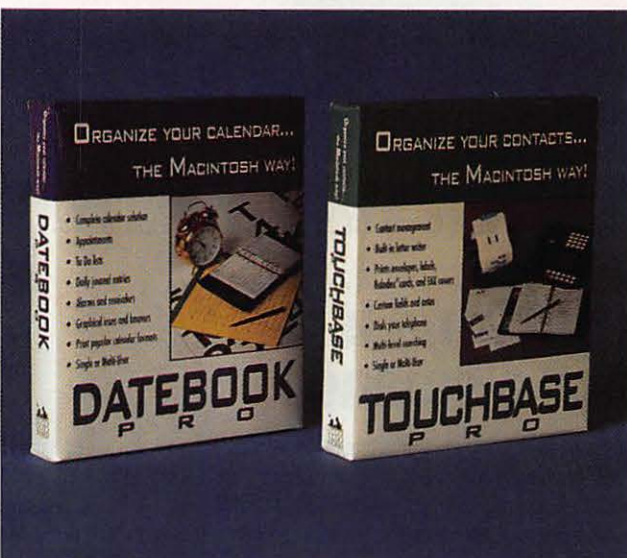
Computer Associates
1366 Simply Accounting .... **$132.**

The simplest ▶ accounting program for small businesses.

ACCPAC *Simply Accounting*

Getting organized doesn't have to be expensive.

ORGANIZE YOUR CALENDAR... THE MACINTOSH WAY!
DATEBOOK PRO

ORGANIZE YOUR CONTACTS... THE MACINTOSH WAY!
TOUCHBASE PRO

TouchBASE Pro and **DateBook Pro** provide you with a comprehensive way to manage your contacts, calendar, to-do lists, and appointments – a total personal information manager. With a specially priced bundle package, you save money while you save time.

TouchBASE Pro stores information about your personal and business contacts. Print Rolodex cards, address books, envelopes, labels, and fax cover sheets. Create personalized letters using a built-in letter writer. Move from office to home without missing a beat. File synchronization updates records automatically.

DateBook Pro is a powerful calendar and time-management program. Calendaring, scheduling, to-do lists, and alarms are combined to keep you abreast of appointments and important tasks. Post daily journal entries or notes to your schedule. Print wall charts, custom schedules, or popular personal organizer formats to use when you're away from the Mac.

After Hours Software
5941 TouchBASE Pro–DateBook Pro bundle ... **$89.**
6010 TouchBASE Pro .... **$49.**
6009 DateBook Pro .... **$49.**

POWERBOOK RECOMMENDED

MacPlace
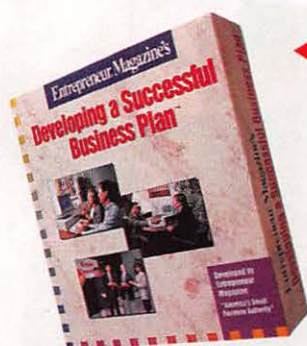
◀ Get your business started right.

Besides having a great idea, developing an effective business plan is the first step to success. This is the most complete, easiest-to-use business plan software. Designed by a panel of successful executives and the editors of *Entrepreneur* magazine, the **Entrepreneur Business Planner** helps you organize your business objectives, develop strategies to meet them, and produce a professional, detailed plan.

Virgin Software
6027 Entrepreneur Business Planner ....$45.
**6036 Entrepreneur Business Planner
         for Windows ....$45.**

Cricket guides you to excellent graphics.

Whether you want to draw clip art for a company newsletter, turn raw data into a handsome graph, or create a presentation that blows the socks off your boss, a Cricket can do it.

CA-Cricket Graph III makes creating graphs easy! In seconds, you can convert text or data into a complete, professional-looking graph. Editing graphs is easy too – just double-click a graph component or other object, make your changes in the dialog that appears, and view the results immediately. Choose from scatter, line, stacked bar, pie, column, text, area, stacked column, double Y axes, bar, polar, quality control and overlay options.

CA-Cricket Draw III is the object-oriented bezier drawing program for all ability levels. Just double-click on an object to reveal its attribute dialog. Professional Color Toolkit (a control panel file) offers commercial-quality color support by simulating Pantone colors. Includes Postscript support, full-featured text processing, and special text effects like rotation and shadows.
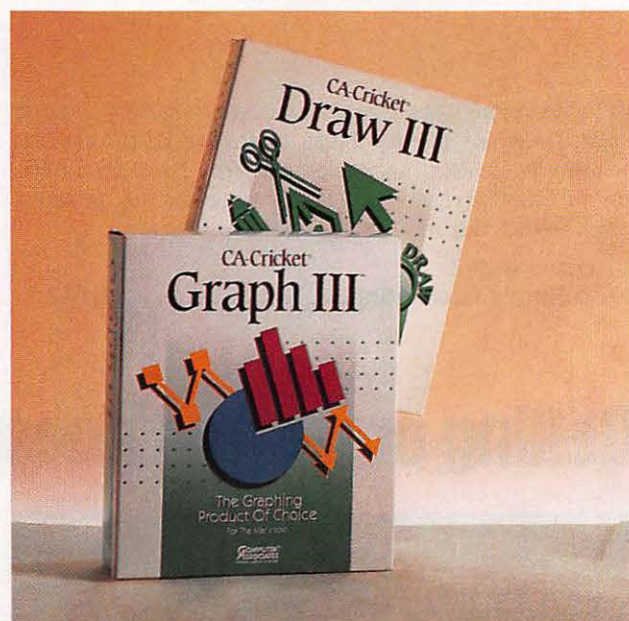
Computer Associates
4218 CA-Cricket Draw III ....$158.
5001 CA-Cricket Graph III ....$128.
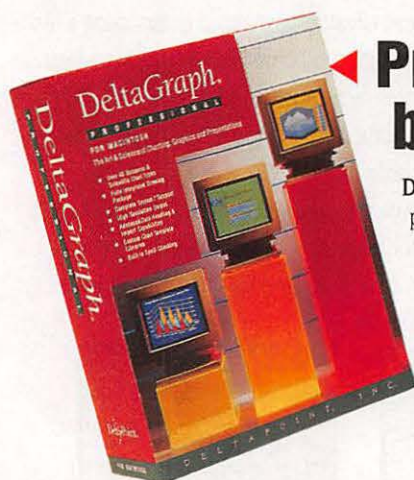
◀ Presentation charting is both an art and a science.

DeltaGraph Professional offers comprehensive charting and graphics solutions for business and scientific presentations. On the artistic side, custom chart templates and integrated drawing tools combine with advanced color capabilities help create dynamic business presentations. A built-in Slide Show lets you view and organize the presentation, add transitions with sound, and print 35mm slides. As for science, the 120 chart types include a variety of scientific charts. Data Notebook technology lets you keep multiple data sets within the same documents. Data input is easy with import capabilities in all the most popular formats, including Microsoft Excel, Lotus WKS, and ASCII text files. And DeltaGraph Professional is the first charting program to provide cross-platform compatibility between Macintosh and Windows.

DeltaPoint ○
6145 DeltaGraph Professional ....$198.
**6102 DeltaGraph Professional for Windows ....$198.**

Add more flexibility to managing contacts and printing documents.

Dynodex 3.0 is an award-winning address book manager for your Mac. It's the fastest and most full-featured available. Retrieve information quickly from a complete list of fields in a contact database. Print address books for the most popular personal organizers. Print labels, envelopes, and rotary cards. Even create, mail merge, and print memos. Dynodex 3.0 synchronizes files to reconcile differences – even across a network – and can dial phone numbers automatically.

DynoPage 2.0 is a utility that prints documents in a variety of ways. Print at reduced sizes and designate single- or double-sided. Print multiples of a page on a single sheet for postcards, return address labels, and more. It even sets up signature printing for "fold-and-staple" booklets automatically. A Printchooser feature lets you select a printer or printer driver right from a main menu bar without going into the Chooser.

See our Product Listings beginning on page 67 under Business for more great products from Portfolio Software.
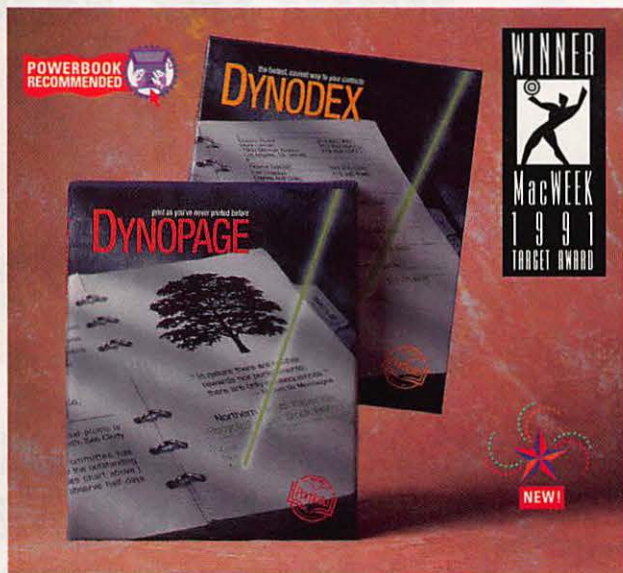
Portfolio Software **O**

5477 Dynodex 3.0		$49.
5493 Dynodex 3.0 Competitive Upgrade		$38.
6002 Dynodex 3.0 Live Upgrade		$28.
5905 DynoPage 2.0		$49.

The fastest word processor for the Mac.

Now bundled with the **American Heritage Dictionary**, **Grammatik Mac**, and **Correct Quotes!** A two-time winner of *MacUser's* Best New Word Processor Award, **WriteNow** also includes a 135,000-word spell checker, a 1.4 million word DA thesaurus, powerful style sheets, mail merge, virus detection, and more. Compatible with Microsoft Word and other programs.

T/Maker **O**

5308 WriteNow 3.0 Workshop Bundle		$84.
6025 WriteNow 3.0 Upgrade		$39.

Your search is over!

Word Finder Plus – it's a synonym for synonyms! This award-winning electronic thesaurus has more than a million of them. Autoinflection technology locates choices based on the correct grammatical form of a word. If you're looking for a noun, it gives you only nouns – no other parts of speech. And it only takes up 250K disk space.

Microlytics **O**

5711 Word Finder Plus		$39.

It's the only full-service information manager.

Fair Witness 1.2 combines the best of an outliner, a database, and a project manager into one easy-to-use package. It handles text, dates, numbers, pictures, sound, even QuickTime movies! That means you avoid the limits of PIMs and the complexity of traditional project managers. Use Fair Witness for brainstorming, scheduling, planning, and keeping track of things.

Chena Software

4625 Fair Witness 1.2		$185.

11

Mac'sPlace

THE EVOLUTION
OF A REVOLUTION.

THE GROWTH OF TECHNOLOGY SURROUNDING THE PERSONAL COMPUTER ISN'T SLOWING DOWN. EACH YEAR HERALDS NEW DIRECTIONS AND ADVANCES. ONE OF THOSE TECHNOLOGIES DRAWING A LOT OF ATTENTION IS MULTIMEDIA.

THIS MONTH, MAC'S PLACE PRESIDENT BOB WILKINS SPEAKS WITH STEVE CASE WHO HELPS GUIDE COMPANIES TO THE CUTTING EDGE OF PRESENTATION TECHNOLOGY. CASE OPERATES ANTARES, A COMPUTER SYSTEMS CONSULTING COMPANY. HE WORKS WITH SMALL- AND MEDIUM-SIZED BUSINESSES TO SET UP EXISTING COMPUTER SYSTEMS OR CHOOSE NEW EQUIPMENT TO CREATE PROFESSIONAL PRESENTATIONS. REAL-WORLD EXPERIENCE GIVES CASE INTERESTING INSIGHTS ON THE DIRECTION MULTIMEDIA TECHNOLOGY IS GOING AND HOW IT'S GETTING THERE.

SC:

I'm finding that multimedia is a destination to which I should lead my customers. But I've got to help them take the first steps with what I call "presentation technology" – a combination of hardware and software usually based around a laptop, probably a PowerBook. Combine that with a company-produced tape played on a VCR , hook it up through a set of Radio Shack speakers, and have a projector that allows switching the image on the screen from the video source to the PowerBook. To most people today, this is multimedia.

BW:

What type of company gets into multimedia in the first place?

SC:

Small businesses with two to six outside salespeople are getting interested in presentation technology. Interest is often sparked when an outside salesperson or marketing director has just

followed some sort of multimedia presentation. Meanwhile, all they've got are black-and-white transparencies with an overhead projector, and they're dying out there.

BW:

Once a decision is made to get into multimedia presentations, what equipment is necessary to have in the office?

SC:

If someone typically travels to a presentation site to put on a show, there can be all kinds of problems. The equipment arranged for ahead of time is not what's expected, it doesn't work right, or it's not all there. The smartest thing is to bring everything with you. Make sure you know what it is and you know it works.

If the information to be communicated lends itself to a 2,000-person audience, you're really talking entertainment, full-scale, Ringling Brothers/Barnum & Bailey. But if you're talking about an audience of from 10 to 100 people, then a

notebook – probably a PowerBook 160 or 180 – with a corresponding platform in the office, is sufficient.

And you need a software package that will support what you want to do – Microsoft **PowerPoint** is good. I have quite a bit of experience with Aldus **Persuasion** and like it very much. What's nice about both products is cross-platform capability. With **Persuasion** or **PowerPoint**, for example, you can develop a presentation on one platform, say the Mac, and play it on the PC with no change at all.

BW:

What do you think the learning curve is for presentation technology?

SC:

If someone has been making presentations up to this point, there's very little learning time related to the material itself. And if that person already has some Macintosh experience, it will take less than a day to put together a good presentation. Automatic templates are

absolutely wonderful. You just open a template, type in the information, and watch it merge into the background. It looks gorgeous.

I typically say that, as you create your presentation, you should show it and not assume what it will look like by looking at your monitor. Get yourself into a darkened room, set yourself up. You become familiar with the equipment. You also get a real good idea of what it's going to look like. You can actually pick your colors and so on as you're looking at what your audience is going to see. This tends to prevent surprises. Later, you can start making changes to the presentation easily and create new presentations viewing just the monitor on your desktop system.

BW:

So somebody can take existing charts and things – familiar material – and transfer it into a more convenient presentation platform.

Mac'sPlace

SC:

And then, with so little time needed to produce the presentation, it can be polished.

For instance, somebody will think, "Our company has just recently produced this great new video. I haven't really had a chance to be able to merge this into my presentation because I would need to take a lot of equipment." But now, there's a device to do this that only requires a portable VCR or handicam. With it, a person can use video to talk about the company or products and show usages of the product. Then switch to the main part of the presentation, which could be slides, then back to the video to finish up. It's a very powerful presentation.

BW:

So where does QuickTime come in?
(Ed. note: QuickTime is an INIT loaded on the Mac that lets you paste moving images and sound into applications such as presentation programs, word processing documents, and even spreadsheets.)

SC:

QuickTime will be a natural outgrowth of wanting to have more information per square inch in presentations. It's very easy to produce your own handicam videos, of your product or a meeting with a customer, for example – little short segments. Then install a card in your desktop system, digitize little sections, and present it if necessary.

In the most effective presentations I've seen, there are a series of icons at the bottom of the screen which represent QuickTime segments on different topics prepared in addition to the general presentation. If somebody in the audience wants to talk about the dismal profit picture from last year, there's a segment ready to go on that subject. So a presentation can be customized as it's given.

BW:

Are people who use multimedia benefiting from greater sales; are the hit ratios better than with the old-time sell?

SC:

I think so, and for one main reason. Consumers and audiences are a lot more sophisticated, more willing to dig for information and ask uncomfortable questions. So information has to have flash and dazzle to be seen and remembered.

BW:

And you think QuickTime offers that?

SC:

Yes. People learn in different ways. Some people can learn by doing things; some people can learn by hearing; other people can learn by seeing. The more channels you present, the greater the chance that someone's going to remember the information. That's the major reason for going from handouts and 35mm slides to active computer graphics, to QuickTime, and into full-scale digital.

BW:

Can this be done by one person – developing the material, filming the segments, taping the narration, editing everything together?

SC:

I believe that we're about to go through the same kind of a "ransom note" period that occurred when eight zillion fonts were introduced so everyone could produce newsletters. QuickDraw provided you with the capability of putting graphic and text and everything else into one document with 150,000 fonts that you could use, and these things started looking like ransom notes: all kinds of horrendous compositions.

We will go through the same kind of thing with multimedia presentations. Eventually, one of two things will happen: either people are going to say, "Look, I'm going to do some standard kinds of things, very easy to do." Or, more likely, specialists will step in. There will be people producing video clips that will be the equivalent of clip art, and will be good quality.

BW:

So maybe you put a presentation together and send the outline of it to your graphics department and say, "Here's what I want to try and do. Can you polish it for me?"

SC:

That is exactly what it's coming to and how it's going to be done, with video specialists producing a presentation in such a way that each one is high quality.

BW:

The presenter has become a director, using presentation software to help outline the ideas that will be presented. It's like, "I know what I want, I know what the guy I'm making the pitch to wants, I know what information I want to get across." The presenter puts the outline together, and then gives it to somebody to produce – either an in-house department or a subcontractor specializing in presentation technology.

SC:

That's right. There will be a lot of products developed that will help do this. Prices are coming down, and products are getting more capable all the time. Somebody who wants to sell or get information across more effectively than the next person is using a presentation package like **Persuasion** today, and will be able to add to it later. That's just work you've got to do. It's what's happening next.

Move one step closer to Hollywood.

Join the desktop video revolution and make digital movies with **VideoFusion**. This complete software solution for QuickTime post-production lets you create the latest digital video effects available on the Mac.

You can produce compelling video using unlimited layering and alpha channels to combine video, text, and graphics. Achieve a professional look using extensive libraries of transitions, color transformations, DVE moves, and 2-D warps. High-quality filters – dynamic morphing to 3-D rotation – provide you with creative control. And non-linear editing brings it all together.

Scalable technology lets you create movies to suit your specific needs. Adjust the movie size, frame rate, and compression to create CD-ROMs, presentations, kiosks, training videos, and broadcast quality video. Employ the latest motion JPEG technology.

What are you waiting for – show business is calling you!
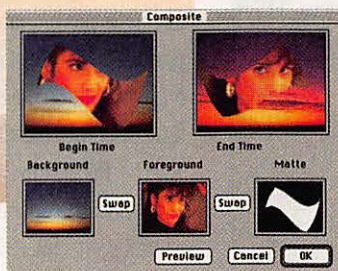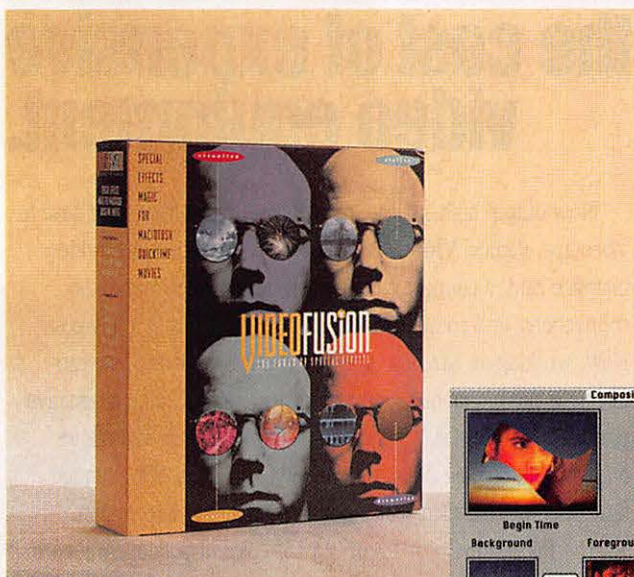
VideoFusion
5165 VideoFusion .... **$448.**

If you're going to give a presentation, make it memorable.

Don't settle for the typical dog and pony show. With **Passport Producer** you can create anything from screaming music videos to awe-inspiring business presentations.

This media integration software seamlessly synchronizes QuickTime movies, animation, graphics, sound, and music into one file by serving as the master control for your entire production. With Passport Producer, you integrate media elements on a visual "cue sheet" based on SMPTE time code that permits frame-accurate "cue" placement.

Passport Producer links to most popular multimedia software (like Persuasion, PowerPoint, Director, and MORE, among others) so you can easily import and edit standard file types. When you need to edit the content, simply double click on the "cue," and Producer will automatically open the editor of your choice. Play back your presentation on your customized stage. It's that fast and that simple.

Passport Designs
5383 Passport Producer .... **$248.**

Mac'sPlace
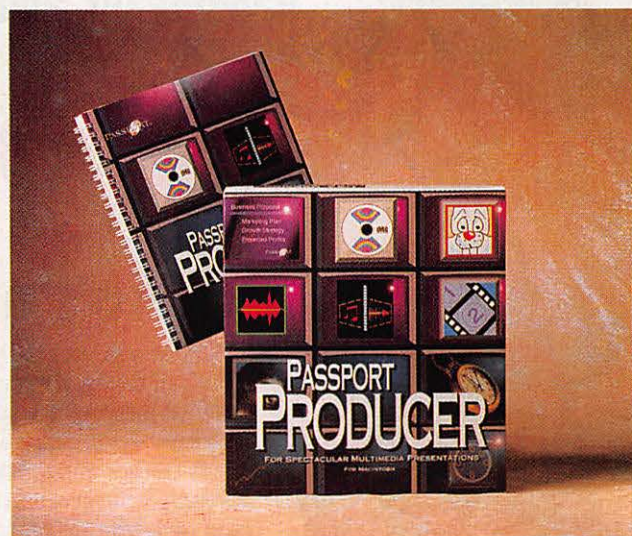
Eliminate the cost of expensive video equipment.

Now output high-quality 24-bit video directly from your Mac to videotape. Radius' **VideoVision** gives you a sophisticated video interface card, a connector panel for external video and audio connections, and comprehensive software controls at a low cost. Now, working on Mac Quadras and II (NuBus) Series, you can integrate audio, graphics, and video capabilities. Unlike alternative products, VideoVision has a unique filtering process that allows output of flicker free 24-bit motion video graphics. For a limited time, it comes bundled with Adobe Premiere 2.0 and Action.

The **PrecisionColor Pivot** is a 15" color display offering portrait and landscape operation. Its low price makes it an excellent alternative to higher-priced, similarly-featured 16-inch displays. It works with the newest Apple Centris products and gives you thousands of colors without an interface card. The **24XP PrecisionColor Interface** displays 16.7 million vibrant colors on 13" and 16" monitors and includes QuickDraw acceleration.

NEW!

Radius
6040	VideoVision with Action & Adobe Premiere 2.0	$1,998.
5896	PrecisionColor Pivot Monitor	$988.
4794	PrecisionColor 24XP	$498.

Everything you need to know about QuickTime, PageMaker, and SuperPaint.

NEW! **BOOK**

Learn effective QuickTime presentation techniques from documentary filmmaker Robert Hone (The Machine That Changed the World).
Clear examples, explanations, and insider tips teach you to produce great results in PageMaker.
Hands on tutorials and step-by-step instructions get you started with SuperPaint 3.

Prima Publishing
5543	QuickTime: Making Movies with Your Macintosh	$18.
5226	PageMaker 4.2 for the Mac: Everything You Need to Know	$14.
5225	SuperPaint 3: Everything You Need to Know	$18.

Here's a nice change of face.

Introduce your Mac to the hottest image effect of the nineties – transformation. Create amazing transitions. Last year's car becomes this year's model. A futuristic cyborg villain disguises itself as a valiant heroine. Transform whatever your imagination gives you. A storyboard window shows thumbnail images of the PICT files being used for a transition. Once the images are loaded, you designate the starting and ending images. Place key points that identify common characteristics in each image. Then open the **Morph** image window that lets you view your handiwork. You control the percentage transition from start to end. Output PICT files, PICS animations, and QuickTime movies. An Eddy finalist for Best Special Effects Program.

Gryphon
5680	Macintosh! Morph	$85.

Special limited time offer

The **PANTONE** Process Color Imaging Guide 1000 is the perfect companion to your graphics software. It provides a visual comparison of 942 solid PANTONE Colors and process simulations. When you need a broader selection of process colors, turn to the **PANTONE Process Color System Guide**. It provides you with a visual color standard and screen percentage values for over 3,000 new CMYK combinations.

The standard in process color. ▶

PANTONE
5160 Process Color System Guide .... **$55.**
5159 Process Color Imaging Guide 1000 .... **$62.**

Canvas 3.0 gives you all the tools you need to create and print great graphics. It's the critics' choice for applications as diverse as technical illustration, graphic design, presentations, desktop publishing, engineering, and architecture. Converts type to editable curve outlines. Includes color calibration and object blending.

This is the top ▶
draw for color or
black-and white.

Deneba Software **O**
3394 Canvas 3.0 .... **$258.**

Create realistic natural-media effects on your Mac with **Sketcher**, the affordable yet revolutionary program for creating grayscale graphics and retouching images. Sketcher duplicates the effects of traditional tools and textures. Use dozens of brushes, pens, chalks, and even paper textures and image processing tools to apply your artist's touch to the desktop.

Turn your Mac ▶
into an artist's
canvas.

Fractal Design **O**
5052 Sketcher 1.0 .... **$98.**

Create masterpieces with new Painter 2.0 and the ArtZ tablet.

Fractal Design Corp./Wacom Technology **O**

5355/5657 ArtZ ADB Tablet/Painter 2.0	**$538.**
5355 ArtZ ADB Tablet	**$328.**
5656 Painter 2.0	**$284.**
5659 Painter 2.0 for Windows	**$284.**

The ultimate painting product, the ultimate pressure-sensitive tablet, the ultimate bundle! Fractal Design's new **Painter 2.0** is the most innovative and exciting paint and photo-design program on the market. And Wacom has long been recognized as the premiere tablet maker. The new **ArtZ 6x8 ADB tablet** is the latest in a distinguished line.

Used together, the effects are astonishing. Painter 2.0 is a remarkable 24-bit color paint program that simulates the tools and textures of natural media. New tools include a spatter airbrush, Cubist effect, and multiple light sources. It's also a photo-design program with photo compositing and color separation. The ArtZ tablet is an amazing graphical input device. On it you use the stylus as if it were a pen or brush on your screen. The stylus is cordless, batteryless, and detects 120 levels of pressure. And, thanks to a new automated set-up program, you'll be creating masterpieces within minutes of plugging into any ADB port.

MICROSOFT WINDOWS COMPATIBLE

NEW!

17

Mac'sPlace

Get accurate color and a $100 rebate.

Now you can get accurate color based on your individual needs and preferences with NEC's AccuColor Control System. The **MultiSync 4FG 15"** monitor combines color control with a high contrast flat screen surface that minimizes blurring and distortion.

View edge-to-edge images and enjoy 36% more active display area than conventional 14" monitors.

The **MacFG 24Xp Color Display Interface Card** is an exceptional value for NuBus users needing 24-bit color capability for business graphics, QuickTime, and DTP applications. And until May 31th, 1993, get a $100 rebate from NEC when you buy the 24Xp card with an NEC 15" or 17" monitor. Existing monitor owners can also receive the rebate with proof of purchase.
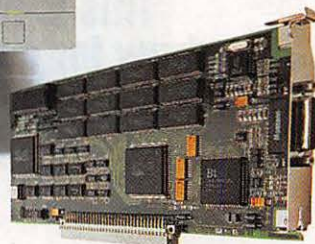
NEC

3839 MultiSync 4FG 15" Color Monitor .... $794.
5918 MacFG 24Xp Color Display Interface Card .... $498.
3838 MultiSync 3FG 15" Color Monitor .... $694.
5919 MultiSync 5FG 17" Color Monitor .... $1,398.

MacUser
Magazine
★★★★★

Put some color in your Mac life.

Trinitron color monitors from Seiko Instruments give you the color and clarity you expect and deserve. The **CM1445** is a 13" monitor that is priced lower than Apple's comparable RGB monitor. It's also siginificantly brighter than most other monitors. A cable and tilt swivel base are included. Compatibility is guaranteed with the Mac IIc, LC, and Quadra product lines.

Get exceptional image quality and color purity with the 16" **CM1760LR** monitor. The super fine 0.25 mm aperature grille gives the Multifrequency Trinitron monitor its quality. It also conforms to the most stringent emissions/radiation standards published for VLF and ELF emissions.

Seiko Instruments

3826 Seiko Instruments CM1445 13" Color Monitor .... $498.
5675 Seiko Instruments CM1760LR 16" Color Monitor .... $1,149.

Save $25 on a Lapis ProColorServer graphics card when you get a Seiko monitor!

It's a great deal on a great bundle for all text and graphics applications.

NEW!

Use this chart to find the right card for your needs.

	Description	Price	Expansion Slot	Order#	13"/14" Color	15" Grayscale	16"/17" Color	19" Grayscale	19"/20" Color	21" Color
Lapis	ProColorServer 8	$298	Nubus / LC (Performa 400) PDS / PDS/30	5628 / 5636 / 5632	8-bit	4-bit	8-bit			
	ProColorServer 8·16	$378	Nubus / LC (Performa 400) PDS / PDS/30	5629 / 5637 / 5633	16-bit	8-bit	16-bit	8-bit	8-bit	8-bit
	ProColorServer 24	$458	Nubus / LC (Performa 400) PDS / PDS/30	5630 / 5638 / 5634	24-bit	8-bit	24-bit	8-bit	8-bit	8-bit
	ProColorServer 24X	$538	Nubus / LC (Performa 400) PDS / PDS/30	5631 / 5639 / 5635	24-bit	8-bit	24-bit	8-bit	16-bit	16-bit

T/Maker's **Bitmapped Art** was created by professional artists and can be used with all popular page layout, word processing, and paint applications including MS Word, ClarisWorks, and PageMaker. You can modify the images with MacPaint or other paint applications.

ClickArt bitmapped images can also be used with all applications that are .PCX compatible, including PageMaker, MS Word for Windows WordPerfect and more.

Macintosh bitmapped art can be colorized (as shown) in SuperPaint or any other color paint package that accepts MacPaint files. For the IBM PC, any color paint program that imports .PCX files, such as Harvard Graphics, can be used to modify the images.

ClickArt **B**usiness Cartoons
Mac 2225 .. $34.
WIN 6080 .. $34.

ClickArt **P**ersonal Graphics
Mac 2272 .. $34.
WIN 6037 .. $34.
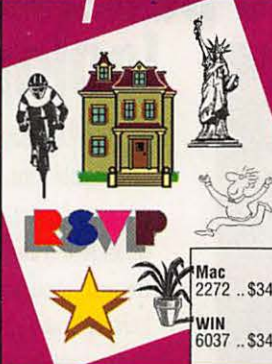
ClickArt **E**vents & Holiday Cartoons
Mac 4421 .. $34.
WIN 6085 .. $34.
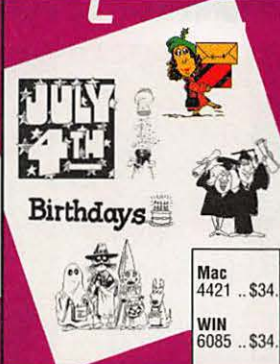
ClickArt **N**ewsletter Cartoons
Mac 4422 .. $34.
WIN 6086 .. $34.
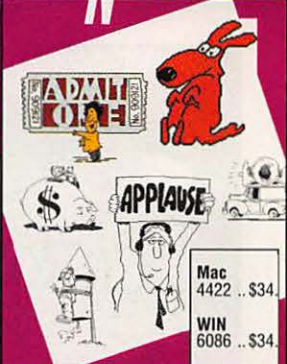
ClickArt **P**ublications
Mac 4423 .. $34.
WIN 6074 .. $34.

ClickArt **C**hristian Images
Mac 2274 .. $34.
WIN 6077 .. $34.

ClickArt **H**olidays
Mac 2273 .. $34.
WIN 6076 .. $34.

ClickArt **B**usiness Images
Mac 2275 .. $34.
WIN 6078 .. $34.

CLICKART STUDIO SERIES

The ClickArt Studio Series includes 6 full-color portfolios of the highest quality, most versatile art available today for personal computers.

The packages are available in EPS format for the Macintosh, and .CGM format for the IBM PC.

You can use the EPS format with PageMaker, MS Word, QuarkXPress, WordPerfect, and more.

.CGM format can be used with PageMaker, WordPerfect for Windows, Persuasion, and all other popular programs for Windows or DOS that support graphics.

ClickArt **A**nimals & Nature
Mac 4419 .. $56.
WIN 6083 .. $56.

ClickArt **S**ports & Games
Mac 4418 . $56.
WIN 6082 .. $56.

ClickArt **B**usiness Art
Mac 2744 .. $56.
WIN 6081 .. $56.

ClickArt **I**llustrations
Mac 2276 .. $56.
WIN 6079 .. $56.

ClickArt **A**rtistry & Borders
Mac 5000 .. $56.
WIN 6075 .. $56.

ClickArt **C**olor Graphics for Presentations
Mac 4424 .. $56.
WIN 6087 .. $56.

ClickArt **S**ymbols & Industry
Mac 4420 . $56.
WIN 6084 .. $56.

Mac'sPlace

Create more polished, professional-looking publications.
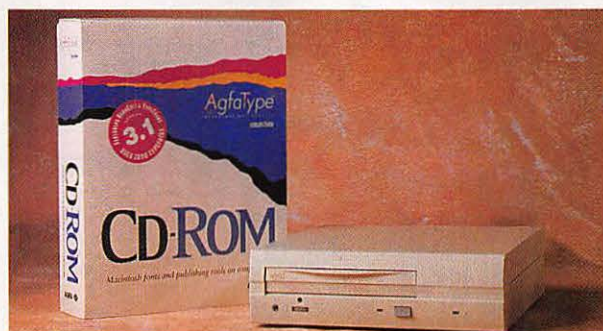
MacUser says, "AgfaType is the best of the new breed of unlockable font CD-ROMs," and you'll agree. It gives you the widest selection of fonts and typographic software, plus a powerful set of free features. This complete publishing tool kit lets you browse through thousands of PostScript typefaces including the Adobe library, TrueType fonts, logo and symbol fonts, and much more.

You might think you'd pay a lot for access to 2000+ fonts, but you pay for only what you use. The initial price allows you to unlock 21 fonts by calling to get their codes. You then order other fonts as you need them at a 30% savings.*

The **AgfaType CD-ROM** provides free software demonstrations (including KernEdit and TypeChart type utilities), an entertaining multimedia type tutorial, a seven-language user interface, and a complete collection of screen fonts. Order the revolutionary new AgfaType CD-ROM v. 3.1 and see for yourself how easy it is to create superb publications!

*minimum of two fonts per order.

ECLIPSE   Greeting Monotone   Bernhard Fashion
Phyllis Initials   Salut   SINALOA
Parisan   Phoenix American   EMPIRE
Metronome Gothic   Gillies Gothis Bold   Miehle Condensed
CHIC   Skjald   Miehle Condensed
PHOSPHOR   Quaint Roman   GALLIA
Phyllis   Zeppelin   Koloss

Agfa
5539 AgfaType CD-ROM Intro Pack 3.1 ....$60.
4319 AgfaType CD-ROM V. 3.1, and Drive ....$698.

AGFA
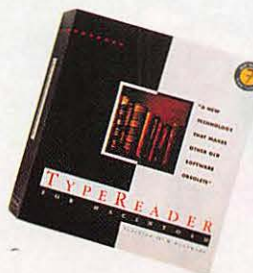
Give your fingers a break!

With **TypeReader's** optical character recognition technology, what you scan is what you get. Just push the Auto Start button to read your documents. The tab key locates suspect characters. Thousands of different typefaces and documents are quickly read via your scanner. And format can be retained when placing any hard copy into your word processor, spreadsheet, database, or page layout program.

ExperVision
5909 TypeReader 1.0 ....$499.

A total scanning solution for the office.

NEW!

Simply having a scanner isn't enough. That's why **ScanOffice** gives you an integrated scan package. Start with the UMAX OA-1 600 dpi 256 grayscale scanner. Next, add TypeReader, which converts virtually any printed material into electronic format. Publish It! Easy 3.0 is a full-featured desktop publisher with a built-in word processor. Finally, Ofoto lets you scan and alter grayscale images. It's all included!

UMAX
6021 ScanOffice .... $918.
6056 ScanOffice (Windows) .... $918.

Speed, flexibility, convenience make this a great scanner.

The **UC840** gives your scanned images sharp clarity with vivid colors. Four scanning modes let you create high-quality images using 16.8 million colors, 256 gray scale, halftone, or line art modes. Connect easily to Mac, PC, and workstation systems with the built-in SCSI interface. Achieve resolution of up to 1600 x 1600 dpi with software.

UMAX
5516 UMAX UC840 .... $1,498.

Hundreds of photographs from some of the world's best photographers.

Add a professional look to your work without the big expense. Get immediate and economical access to outstanding professional stock photographs with **PhotoDisc**. Color photography comes to your desktop as you select from hundreds of images scanned at 48-bit color, professionally color-corrected and saved as color TIFF files. Use the images in advertising, newsletters, presentations, brochures, and multimedia projects with no additional fees or limitations. These images work great for black-and-white and gray scale output as well as color.

PhotoDisc is remarkably easy to use. The Lightbox utility lets you effortlessly retrieve images with a key-word search. Volumes are conveniently organized by theme and over 2,000 images are currently available. Each volume includes a beautiful four-color reference catalog. Put award-winning PhotoDisc to work for you.

PhotoDisc, Inc. O

4183 PhotoDisc Vol. I, Business & Industry	$288.
4484 PhotoDisc Vol. II, People & Lifestyles	$288.
4485 PhotoDisc Vol. III, Backgrounds & Textures	$214.
5342 PhotoDisc Vol. IV, Science, Technology, & Medicine	$288.
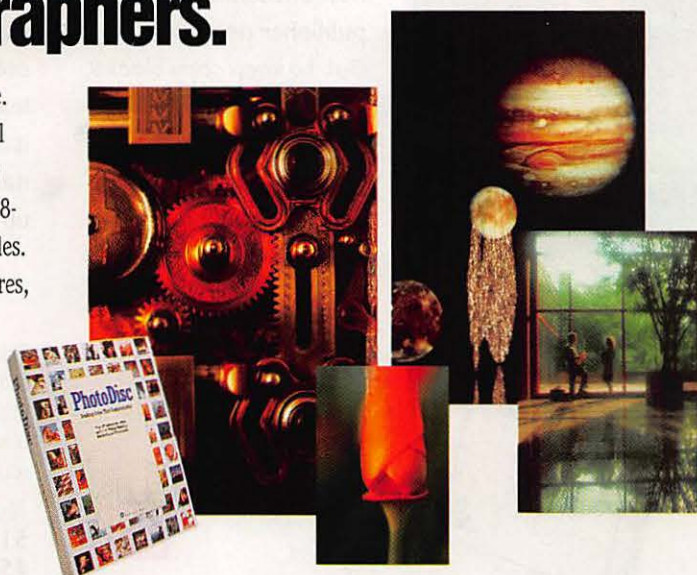
PhotoDisc CD ROM PRODUCT

5640 PhotoDisc Vol. V, World Commerce & Travel	$288.
5641 PhotoDisc Vol. VI, Nature, Wildlife & Environment	$288.
5522 Multimedia Sampler	$37.

Get complete CD photo-imaging capability for thousands less than you'd think.

Turn your Mac II into a high-performance digital-photography and publishing workstation with the **PhotoSpeed** system. Everything you need is here. The 24-bit graphics card handles integrated image-processing and graphics acceleration for a 16.7 million color palette on large-screen color displays. It boosts performance by 2,300 percent! And you get $2,500 worth of applications and utilities **FREE**: Kodak Photo CD Access, QuickTime 1.5, Photo CD plug-in for Adobe Photoshop, Photo CD Xtension for QuarkXPress, Adobe Photoshop 2.5, Kodak PhotoEdge, Kai's Power Tools, Aldus Fetch Cataloguer, Storm Technology's PicturePress, and SuperVideo. Plus you get the industry's fastest CD-ROM drive with full, multisession Photo CD capability – all at a surprisingly affordable price.

SuperMac

5963 PhotoSpeed ....**$3,448.**

CD ROM PRODUCT NEW!

Vintage Quality Photographic Images on CD-ROM are albums of 300 images, each color corrected and ready for separation. When you buy an album, the images are yours to use completely royalty-free. View the images of business, industry, leisure, and landscapes quickly with the interface.

Seattle Support Group O

5944 Vintage Photo CD Album 1: Medley	$88.
5945 Vintage Photo CD Album 2: Mosaic	$88.
5946 Vintage Photo CD Album 3: All & Sundry	$88.
5947 Vintage Photo CD Album 4: Mélange	$88.

Picture your work with great color images.

CD ROM PRODUCT NEW!

Mac'sPlace

fyi

VALUABLE INFORMATION FROM MAC'S PLACE - TO YOU
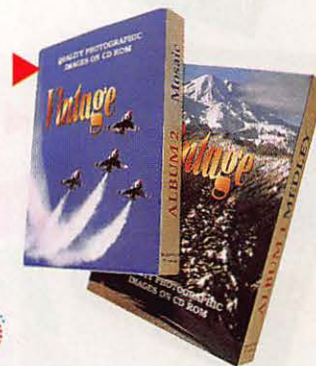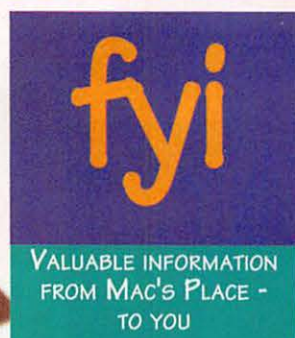
A major mathematical pain in the ***. That's how one desk-top publisher described it. But to keep copy blocks, subheads, and other styles lined up right when you format in columns, you have to do a little math. Here's a good rule of thumb. Set up your basic body copy style first, then base all other styles on its leading or multiples of it. So if your basic style has 15 point leading, set up the heads and other styles with leading that adds up to 15, 30, 45, or 60, and so on. Exceptions abound, but it's a good place to start. Whew! That wasn't so bad, was it?
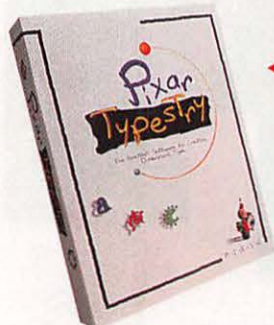
Words never looked so good.

NEW!

This exciting new software creates dimensional text from PostScript Type 1 and TrueType fonts. **Typestry** uses RenderMan to transform simple words into extraordinary pictures. It accurately simulates metals, woods, other types of surfaces which can be used to decorate text. Users can also move, rotate, scale, and extrude words.

Pixar ○
5123 Typestry..**$184.**
4554 ShowPlace/MacRenderMan 1.1.1 CD-ROM . $318.

Put optical filter effects onto your Photoshop images.

Series 1 Photography Filters for Photoshop emulate 35mm camera optical filters. Now you can generate optical effects other than just painterly effects. Series 1 can even generate mezzo screens for your black-and-white photos. These filters are perfect for both the graphic artist and the photographer creating ads, brochures, and video presentations.

Andromeda Software
5161 Series 1 Photography Filters ....**$79.**

For the creative genius on a budget.

NEW!

This 32-bit paint program offers the largest selection of tools, filters, and special effects for the money. Its extensive, completely customizable tool set will satisfy the demanding graphic artist and delight the novice user. **BrushStrokes** is fun to use and easy to learn. It even includes a unique painting guide for the "artistically impaired."

Claris Clear Choice
5699 BrushStrokes ....**$99.**
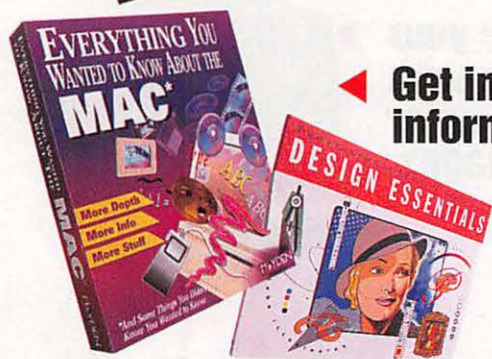
Get in-depth information.

BOOK

Discover even more about Adobe programs and the Mac. *Design Essentials* is a reference of tips and techniques, authored by Adobe Systems, for use with Illustrator and Photoshop. *Everything You Wanted To Know About The Mac* is the most comprehensive collection of Mac facts to date. Learn about cutting-edge topics like sound, multimedia, HyperCard, and the use of the Mac by differently-abled people.

Prentice Hall
5274 Design Essentials ....**$26.**
5276 Everything You Wanted To Know About The Mac $21.

Color and motion come alive on your desktop.

Adobe Photoshop 2.5 is the world's leading photo design and production tool. Design and produce color and black-and-white images, right at your desk. Start from scratch or with any scanned image. Add or correct color, execute delicate retouching, import illustration files, create duotones, tritones, and quadtones, and more. Then produce it with professional controls for four-color- process proofing and separations.

Create QuickTime digital movies and videotapes with **Adobe Premiere 2.0.** Combine video, audio, animation, still images, and graphics using simple cuts or dramatic transitions and special effects. Import files from graphics applications and export to professional production equipment.

Adobe Illustrator 3.2 gives you a variety of Postscript drawing tools. Start from scratch, alter clip art, or enhance scanned images. While supplies last, get **Adobe Dimensions 1.0** bundled with your purchase of Illustrator. Dimensions transforms two dimensional art into a 3-D image.
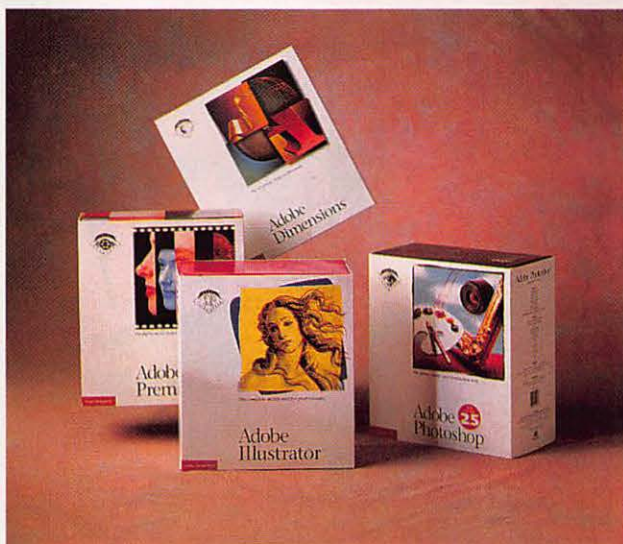
Adobe

5948 Adobe Photoshop 2.5	....	$548.
4990 Adobe Premiere 2.0	....	$429.
3942 Adobe Illustrator 3.2	....	$359.
5351 Adobe Dimensions 1.0	....	$128.

NEW!

Create textures and blends with awesome new tools.

HSC Software ○
5854 Kai's Power Tools .... **$89.**

The smash hit of MacWorld San Francisco, **Kai's Power Tools** gives you 33 powerful generators and filter plug-ins for Adobe Photoshop, Fractal Design Painter, and others, all in a fantastic interface. It includes a Gradient Designer, Texture Explorer, four Fractal Generators, and more, going far beyond traditional textures. And since your creations are saved as algorithms rather than bitmaps, less disk space is required. With the Texture Explorer, you can generate a virtually endless variety of textures and backgrounds to apply to images. The Gradient Designer allows you to use up to 500 colors at once and to vary opacity. You'll create unprecedented blends and textures that aren't possible with other software products. "Kai's Power Tools is a landmark third-party plug-in for Adobe Photoshop, establishing new standards in user interface design, functionality, and features...a creative explosion!," says Jeff Parker, Adobe Photoshop Product Manager. Try it and you'll agree.

HSC SOFTWARE

NEW!

23

MacPlace

Scan these affordable prices.

Create beautiful reproduction with vivid colors and extremely sharp definition. The **ScanMaker II** and **ScanMaker IIxe** are the fastest color/grayscale flatbed scanners ever built by Microtek.

With 24-bit color and 8-bit grayscale, both deliver crisp 600 dpi reproductions, and are capable of up to 1200 x 1200 dpi resolution. Easy-to-use controls allow adjustments of scaling, resolution, brightness, contrast, shadow, highlight, and more. The ScanMaker II is bundled with a limited edition of Adobe Photoshop.

If you need to perform color separations, the ScanMaker IIxe offers the full version of Adobe Photoshop.

Save time and money with the new **ADF 600 Automatic Document Feeder** attachment. It works with the most popular Optical Character Recognition software and allows for unattended scanning of up to 50 pages of text.

Microtek

5238 ScanMaker II w/limited Photoshop .... $898.
5239 ScanMaker IIxe w/full Photoshop .... $1,239.
6017 ADF 600 Automatic Document Feeder ...... $511.
6018 Transparency Attachment .... Call.

MICROTEK
Better Images Through Innovation.

The proof is in the printing.

NewGen laser printers give you greatly enhanced type and graphics. A high-powered 25MHz RISC processor in both the 880p & 440 B offer faster output than any other printers in their class.

The **TurboPS/880p** offers full 800 x 800 dpi for higher resolution. That translates into 78 percent more dots per square inch than 600 dpi printers – without compromising speed! Includes 12MB of RAM, upgradable to 32MB.

The **TurboPS/440 B** provides 11" x 17" tabloid sheet sizes so you don't have to tile larger projects. Comes standard with 400 x 400 dpi and 6MB of RAM, can be upgraded to 800 dpi and 96MB.

NewGen printers incorporate Image Enhancement Technology to smooth lines, curves, and angles while improving text and line art resolution and enhancing gray scale output. Finally, get true plug and play with automatic emulation and interface switching between Macs, PCs, Sun workstations, and most other systems.

newgen "*NewGen Systems Corporation*"

NewGen Systems Corp.

6019 TurboPS/880p .... $2,158.
5260 TurboPS/440 B .... $3,498.
5259 TurboPS/400p .... $1,698.

SAWDUST AND SCSI PORTS.

At first glance, the 4,000-square-foot warehouse looks no different than most commercial cabinet shops with table saws, shapers, planers, and the usual tools. But closer inspection reveals some unusual equipment – a **Quadra 900, Mac IICX, Mac IIsi**, and an older **Mac II** linked with a daisy-chain **AppleTalk** network and **System 7** file sharing; some big 19" **Radius monitors**; and a **Bernoulli MacTransportable 90 Pro**.

Park Avenue Construction Company in Seattle is a prime example of a small manufacturing enterprise taking advantage of the Mac for computer-aided design (CAD). The company builds custom residential and commercial cabinets – reception desks, coffee bars, and conference rooms – usually for businesses located in one of Seattle's sleek new skyscrapers. They design the cabinets using **GraphSoft's Mini-CAD** program.

Owner Charles Stratton founded Park Avenue more than seven years ago. Since then, he's tried many approaches to designing and building his company's product – including using other drawing programs. "We used to have a program that was written specifically for designers of kitchen cabinetry, but it was too hard to use. **Mini-CAD** is easy to learn and really flexible, so we can tailor it to our own needs." Some drawing functions can even be automated with the Mini-

Pascal part of the program. Three of Park Avenue's desktop Macs are packed inside a small sound- and dust-proofed office adjacent to the shop. The fourth Mac is located in the shop itself. Stratton nods his head in that direction. "The shop foreman does some drawing out there on the IIsi." (The photos on this page and the cover show Stratton at the shop Mac .)

While **Mini-CAD** helps in the design of cabinets and their constituent pieces, an Excel spreadsheet program helps make a cutting list of those pieces. "The nice thing about **Excel** is that you can customize it, too," he emphasizes. "We also use it for inventory and job tracking."

In the factory sits a large piece of cardboard covered with bar-codes. It's a very simple labor tracking device much like a punch clock. Each employee's name is listed beside a corresponding bar-code. A second list contains the names of all the current projects. And a third set of bar codes corresponds to each kind of task a worker might perform on the floor during the course of a day. So workers just pick up the cordless Videx bar-code wand and scan over their name, the project they're working on, and the task they're starting. The information is exported from the wand nightly into **Excel**, creating a print-out of hours worked per job, parts made, and other information important to billing and

project planning.

Charles Stratton sometimes takes his **portable Mac** with him to residential sites for meetings with contractors and clients. He can make measurements, enter them directly into his portable, and generate cabinet drawings at the site. So he and the client can visualize how things are going to look, and be sure they understand each other. This allows him to go over details and anticipate problems, do preliminary troubleshooting, and even generate on-the-spot alternative design solutions when necessary. Then he takes his portable back to the office and downloads the new information to the project file on one of the desktop Macs.

Stratton uses an **ImageWriter LQ** and **ImageWriter II** for all of his printing needs. This includes proposals to the contractors building those downtown office buildings. "For my line of work, the near-laser quality of the LQ looks just great."

Charles Stratton says the Mac equipment saves the company time and money. Using CAD makes the designs easier for everyone to interpret, so communication is improved and fewer mistakes are made. Being able to show clients on-site what cabinets will look like also bridges a potential communication gap. **Excel** really saves time with the cutting lists and with the

> **MINI-CAD IS EASY TO LEARN AND REALLY FLEXIBLE, SO WE CAN TAILOR IT TO OUR OWN NEEDS."**
>
> **CHARLES STRATTON FOUNDER, PARK AVENUE CONSTRUCTION**

Videx tracking of jobs. And the sawdust doesn't cause too many problems thanks to the dust-proofed room and the sturdy **Bernoulli** drive.

Warp speed, Scotty.

Your wait is over. With Radius Rocket accelerator cards, you get real system performance gains, not just faster screen redraws. Radius Rockets take over the computer-intensive commands, leaving your Mac processor free to handle the input/output functions. Each Rocket is powered by its own onboard CPU, the Motorola 68040. The **Rocket 25i** is a 25MHz speed demon that increases Mac II performance by up to six times.

The **Rocket 33** races along at 33MHz and gives your Mac the additional boost of a floating point microprocessor. Your Mac II will see performance increased by up to eight times. Rockets work with any NuBus-based Mac II model.

For even more performance, try **RocketShare**. This revolutionary software technology delivers the power of true multiple processing to the Mac. Work on one job while another prints, crunches, or churns in the background. It's like having two Macs in one. Install up to four Rockets, depending on the number of NuBus slots your machine has.

Radius

4777 Radius Rocket 25i	$1,098.
4779 Radius Rocket 33	$1,898.
5227 RocketShare	$434.

radius

New lower prices and more power from DayStar!

PowerCache and the new **Turbo 040** set the standard for Mac acceleration. The PowerCache has an award-winning design which gives you affordable 68030 performance and the best compatibility. Just plug it in and go – no downtime. And it works with everything. The universal non-NuBus design supports fourteen different Macs. And the new Turbo 040 with its revolutionary 68040 design meets the compatibility of the PowerCache accelerator, but at speeds that take you up to and beyond the Quadra 950!

Daystar Digital ○

PowerCache Accelerators

3739 33 MHz	$398.
3742 33 MHz w/FPU	$498.
3740 40 MHz	$598.
3743 40 MHz w/FPU	$698.
3741 50 MHz	$778.
3744 50 MHz w/FPU	$898.

PowerCache Adapters
II, IIx, IIcx, IIsi, LC, LC II, SE/30,

Performa 400, Classic, SE	$46 ea.

Turbo 040 Accelerators

5586 33 MHz (Universal)	$1498.
5585 33 MHz (IIci)	$1498.

DAYSTAR
DIGITAL
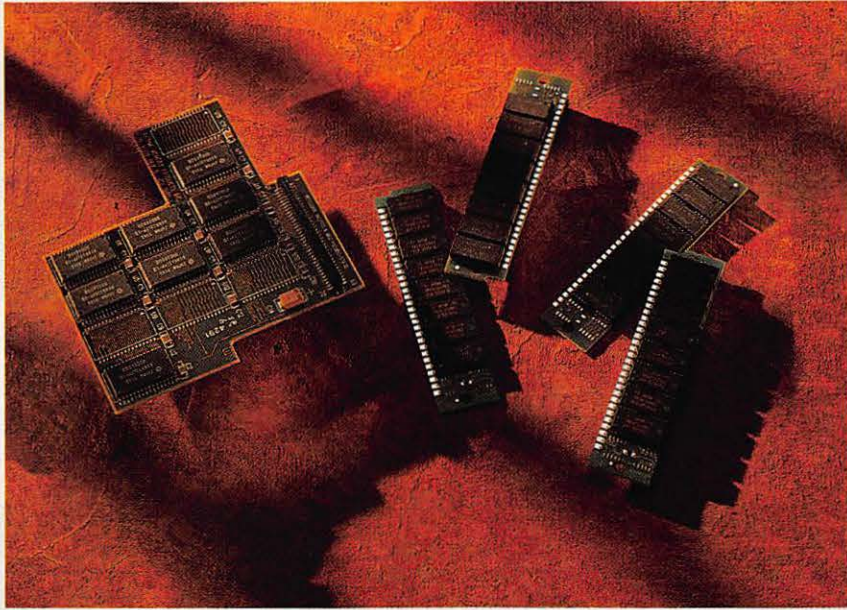
Extra memory is affordable and easy to install.

Today's Mac user often wants to move quickly between several programs running at the same time. For those using memory intensive applications, speeding up task processing is also important. Mac's Place makes it all easy – and affordable – with a variety of **SIMMs (Single Inline Memory Modules)**.

You won't have any trouble installing a SIMM yourself, thanks to our easy-to-understand, illustrated guidebook and a free SIMM Remover.* No more digging around with screwdrivers and risking your expensive equipment. In seconds, remove

FREE
WITH PURCHASE
OF APPLICABLE
MAC'S PLACE SIMMs!*

your old SIMMs safely with the SIMM Remover. It's made of anti-static plastic and works on desktop Macs and PCs. If you do get stuck, call our toll-free number for instant help. Every Mac's Place sales consultant has experience installing SIMMs in his or her own Mac, and will be happy to walk you through the procedure. All our SIMMs have lifetime warranties and they're manufactured by reputable companies like Toshiba, Fujitsu, Siemens, and Micron.

Now, the question is, which SIMM do you need and how

many? Call our Mac consultants. They can answer your questions so you'll get the best performance out of your Mac.

Call and talk to a consultant. We'll help you choose the right SIMMs to push the limits of your Mac.

Just let us know what kinds of applications you're running, and we'll make sure you get what you need – a faster, more productive Mac.

Due to changing market conditions, SIMM prices were fluctuating at press time. Please call for latest pricing and availability.

Mac's Place
PowerBook Pseudo-Static Memory 140/145/170

3966	4MB	$198.
3965	6MB	$269.

PowerBook Pseudo-Static Memory 100

3963	4MB	$195.
3964	6MB	$269.

Single Inline Memory Module (SIMM)
The SIMM Remover works with specific sized SIMMs and is included free only with these.

*3179	1MB 80 ns	$45.
*3701	2MB 70 ns	$79.
*5555	4MB 70 ns	$158.
4754	16MB 80 ns (High Profile)	$598.
4755	16MB 80 ns (Low Profile)	$648.

Video RAM for LC, Quadra, and DuoDock

4337	VRAM 256K	$35.
4338	VRAM 512K	$69.

Mac'sPlace

If you install some equipment inside of a compact or modular Mac and a phantom floppy disk asks to be forever initialized (you'll see an icon indicating the floppy drive in the "This is not a Macintosh Disk" dialog box), then you probably didn't fully seat your floppy drive cable. Or you bumped and loosened the cable during your installation. Make sure that this cable is firmly seated and you've fixed it.

fyi

VALUABLE INFORMATION FROM MAC'S PLACE - TO YOU

Faster than a Quadra?

You need an extremely fast computer to take full advantage of today's highly sophisticated software applications. The **Variable Speed/Overdrive Accelerator** from Newer Technology increases the speed of your Quadra 700 or 900 from the standard 25 MHz speed to a guaranteed minimum of 30 MHz! Individual machines may achieve speeds up to 33 MHz depending on different chip tolerances, NuBus cards, and speed of RAM. This accelerator installs in the ROM socket on the Quadra motherboard in a matter of minutes. The original 68040 is not removed, and no soldering is required. And to ensure reliability at high clock speeds, this accelerator includes a cooling unit for the 68040. So your Quadra will actually run cooler than it did at 25 MHz.
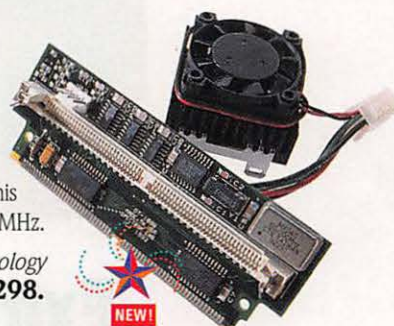
Newer Technology

5715 Variable Speed/Overdrive Accelerator ....$298.

NEW!

Get all the memory you need.

Even for the latest 160, 180, 210, and 230 PowerBook models! Newer Technology specializes in low power consumption **PowerBook memory** with a card for every PowerBook, old or new. They are easy to install and were designed with all-important battery life in mind.

And for your desktop Mac, Newer Technology has 8 and 16MB **SIMMs**. Their superior engineering provides flawless performance, just as you'd expect from the first manufacturer of these SIMMs. And you get two free utilities to really make your Mac fly.* F.A.S.T. lets your Mac take advantage of the new memory when copying files. And MacSWELL overrides Systems 7's memory allocation limitations.

*For users not using System 7, OPTIMA from Connectix is included in place of the other two free utilities.
See the Product Listings beginning on page 67 under Accelerators/ Memory for more great products from Newer Technology.

Newer Technology

5366 SIMM 8MB Low Profile	$418.
5367 SIMM 16MB Low Profile	$798.
5310 PowerBook (140/145/170)	
6MB Psuedo-Static	$314.
5311 PowerBook (160/180) 6MB Psuedo-Static	$328.
5368 PowerBook (160/180) 8MB Psuedo-Static	$458.
5369 PowerBook (160/180) 10MB Psuedo-Static ...	$564.
5370 PowerBook (210/230) 8MB Psuedo-Static	$498.
5371 PowerBook (210/230) 12MB Psuedo-Static ...	$698.

Due to changing market conditions, SIMM prices were fluctuating at press time. Please call for latest pricing and availability.

Newer TECHNOLOGY

POWERBOOK RECOMMENDED

Now you can easily edit a received fax.

Now when you receive a crucial document by fax that needs editing, you don't have to re-key it. Because all PSI fax/modems now come with FAXcilitate, the only Macintosh fax software to incorporate OCR technology from Caere, the makers of OmniPage.

PSI offers an entire line of fax/data modem solutions for desktop and PowerBook Macs. Choose from their desktop COMstations or their internal PowerModem series.

PSI Integration

Desktop COMstations

5449 COMstation Four ....$338.
9600 bps send/receive fax/data modem w/V.32, V.42, V.42bis, MNP 5

5340 COMstation Five ....$398.
14,400 bps send/receive fax/data modem w/V.32bis, V.42, V.42bis, MNP 5; fax OCR package

5453 COMstation Network ....$198.
Networkable 9600 bps send/4800 bps receive fax/2400 bps data w/ V.32, V.42, V.42bis, MNP 5

Internal PowerModems

5454 PowerModem III ....$279.
9600 bps send/receive fax/data modem w/V.32, V.42bis, MNP 10

5339 PowerModem IV ....$388.
14,400 bps send/receive fax/modem w/V.32, V.32bis, MNP 10; fax OCR package

Prices good thru 4/31/93

POWERBOOK RECOMMENDED

InterCon Systems Corporation

5198 TCP/Connect II ....$170.
5199 NFS/Share ....$268.
5200 Planet X ....$268.
5195 WorldLink ....$26.

See the Product Listings beginning on page 67 under Networks/Modems for more great products from InterCon Systems.

Break the connectivity barrier.

InterCon provides Mac users with great ways to get connected. Dial up the Internet from your Mac with just a modem and **WorldLink**. You'll have access to all of the Internet's resources and be able to transfer files and send e-mail to millions of people.

TCP/Connect II "is by far and away the most complete, feature-laden product on the market," says *MacWEEK*. This integrated package includes electronic mail, a network news reader, a file transfer client and server, and terminal emulation – all with the friendly Mac interface.

NFS/Share is an easy-to-use Chooser implementation that allows you to mount NFS (network file system) servers directly on your Mac desktop. It displays files stored on your server in familiar Mac file format.

Planet X is an X Window client for the Macintosh that allows you to control your Macs remotely from any X Window terminal. It lets you share your resources across multiple platforms.

InterCon

29

Mac'sPlace

Fax, voice, and data are yours in one package.

Your Macintosh takes on greater flexibility with the **Ultima Home Office**. You get a sophisticated voice messaging system that routes calls to individual mailboxes, lets you record personalized greetings, and lets you retrieve messages from any phone. The V.32bis data modem operates at 14,400 bps and features MNP-5 data compression and error correction. Plus, enjoy 14.4 bps send/receive fax capabilities. The included MaxFax voice/fax software lets you print, view, delete, or re-send faxes with a single click. It fills in sheets, delays transmission, and sends a single document to a whole group, all in the background. And it's also available as an internal PowerBook version.

Prometheus ⊙

4565 Ultima Home Office 14.4	**$398.**
5915 Ultima Home Office for the PowerBook 14.4	**$298.**
4564 Home Office 2400/9600	**$198.**
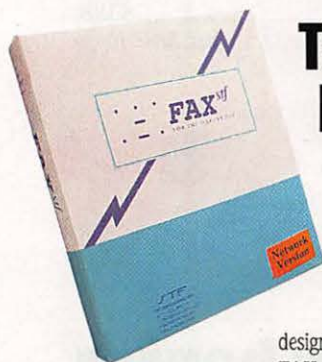
Take the convenience of faxes a leap further.

Faxed documents you receive can be saved in editable text form with **FaxManager Plus**. Save all or part of the fax document to the Clipboard or your favorite word processing program. Using OCR technology, FaxManager Plus saves you the time and money you spend rekeying text. It replaces the FaxManager application supplied with FAXstf LC and **FAXstf Universal**.

FAXstf Net for the Macintosh is a hardware-independent software that makes sending faxes easy. Any computer in an AppleShare-based Mac network can send faxes. The computer with a compatible fax modem then sends the fax at a designated time. Sending is as easy as selecting Print from within your favorite application.

FAXstf Universal makes the same great features available to single system users.

STF Technologies

4633 FAXstf Universal	**$55.**
5102 FAX Manager Plus	**$74.**
4635 FAXstf Net for the Macintosh	**$79.**

Save on true multitasking telecommunications.

Get **MacIntercomm** for only $39 with the purchase of a modem! Then you'll communicate in ways you never before thought possible. MacIntercomm is the first telecommunications program to fully utilize the Macintosh computing environment. It's the only one with true multitasking. No matter what else you're doing on your Mac, it handles file transfers invisibly.

As if background transfers weren't enough, other features abound. The scripting language is the most powerful available, yet is incredibly easy to use. The built-in editor and automatic script recorder help you automate even the most complex tasks. MacIntercomm even adjusts for area codes if you're on the road. MacIntercomm's features define a new standard in telecommunications.

Mercury Systems, Inc. ⊙

5767 MacIntercomm Modem Upgrade	**$39.**
5111 MacIntercomm	**$78.**

Get a top-of-the-line fax/data modem at an amazingly affordable price.

The **SupraFAXModem V.32bis** features 14,400 bps data communications with up to 57,600 bps throughput using V.42bis data compression. On the fax side, you'll find yourself capable of sending and receiving faxes within minutes of installation. *MacUser* calls the V.32bis model a "top performer."

A Special Silent Answer feature detects if an incoming call is fax or voice and handles the call appropriately. Optional Caller ID lets you screen incoming calls. And the external V.32bis model has a unique alphanumeric display panel that shows up to 26 different status messages to explain what the modem is doing. The MacPac also includes cables and fax software.

The **SupraFAXModem 144PB** is the internal model which fits easily into your PowerBook with no extra outside boxes. A Wake Up mode turns your Mac on automatically when the modem receives a call. And it lets you schedule faxes for transmission when rates are lowest.
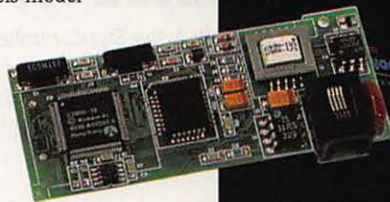
Supra Corporation ❍

4017 SupraFAXModem V.32bis MacPac		$345.
4470 SupraFAXModem V.32bis		$298.
5575 SupraFAXModem 144PB		$298.
5935 SupraFAXModem PB Plus		$428.

Add teamwork to your network.

Timbuktu is the easiest way to network Macs and PCs. Easy to install and easy to use, Timbuktu is the perfect cross-platform solution for workgroups. Now you can share printers, exchange files, and even control another Mac or PC over the network. It's available in Mac, Windows, and **Windows PhoneNET Kit** versions. The kit includes PhoneNET PC software and the AppleTalk adapter board connection. These allow DOS and Windows computers to access an AppleTalk network.

Farallon also provides the **EtherMac** series of high performance Ethernet adapter cards. They are affordable and available for all Macintosh bus architectures and popular Ethernet media. They require no separate installer under System 7 for maximum compatibility.
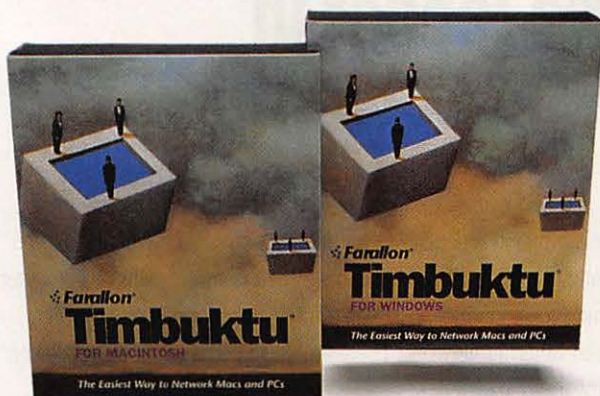
Farallon ❍

5931 Timbuktu 5.0		$138.
5933 Timbuktu for Windows PhoneNET Kit		$328.
5932 Timbuktu for Windows 1.0		$138.
4547 EtherMac SE-C		$214.
4532 EtherMac II-C		$214.

4534 EtherMac LC-10T		$158.
4531 EtherMac II-10T		$158.
4542 EtherMac 30i-10T		$194.

❖ Farallon®

MacsPlace

31

◀ Add fun to faxing!

Get your faxees' attention with **FaxMania**, an imaginative, customizable collection of 80 fax cover sheets designed for business, home, and fun! FaxMania works with popular word processing and graphics applications (WriteNow, MS Word, MacWrite, Paint, and more). Includes complete instructions for loading and converting cover sheets and design tips for creating your own faxes.

T/Maker ○
4425 FaxMania ....$19.

Get connected for hundreds less.

The new **P-Shooter Local Talk Active Star Controller** lets you network two to 48 devices, using your existing phone wire. It's so sophisticated, it's the only controller with circuitry that doesn't require special control wiring or management software. The P-Shooter re-clocks, re-shapes, and regenerates every data packet instantaneously – increasing data integrity and network performance with proven star topology. Get up to speed with the only star that works for you.

PCon
P-Shooter 12-Port
5207 Local Talk Active Star Controller ....$498.
5955 NuBus Apple Share Controller...............$478.

Trust your connections to the leader in Mac networking.

Asanté Technologies offers you a complete line of register-level compatible Ethernet cards and hubs so networking won't have you running in every direction. **AsantéPrint** is an inexpensive converter which connects two LocalTalk printers or other devices to a high-speed Ethernet network. There are no switches to set or installation software to load.

MacCon+ cards let you take full advantage of the power your Mac has to offer to provide maximum data throughput. The **IIET64** and **IIE64** are 32 bit NuBus cards for the Mac II family. They feature a 64K RAM buffer and are compatible with various environments.

The **30IET64** is an Ethernet card for the IISi/SE 30 Mac and plugs directly into the IISi's Direct Slot bus. It works on thick and twisted pair media and features a five-year warranty.

And Asanté products come with toll-free technical support.

Asanté
5478 AsantéPrint Thick 10BaseT	....	**$358.**
5687 AsantéPrint Thick/Thin	....	**$358.**
2887 MacCon+ IIET64	....	**$168.**
2586 MacCon+ IIE64	....	**$168.**
3403 MacCon+ 30IET64	....	**$168.**
4095 Asanté Hub/8	....	**$258.**

Right card, right connections, right price!

DaynaPORT Internal Ethernet Adapter cards are a great value starting at only $148. And when you buy five or more, you'll get Network Vital Signs **FREE***. (A $499 value!) An Eddy award finalist, this network monitor lets you keep tabs on your network and see early warning signs of problems. DaynaPORT Internal Ethernet Adapters carry a full lifetime warranty and are backed by free technical support and guaranteed media compatibility. So if you change cable types in the first year, Dayna will swap your card free.
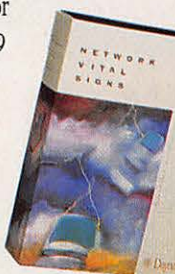
*FREE

DaynaPORT SCSI/Links feature the industry's smallest high-speed Ethernet connector and have two SCSI ports for daisy chaining with other devices. They are available for all three types of Ethernet. And **DaynaPORT E/Z** gets your PowerBook Duo or other Mac connected using a serial port. Other Dayna products include the EtherPrint family which offers you complete networking flexibility with easy "plug-and-print" Ethernet connection to LocalTalk printers.

Dayna
Macintosh Networking Specialists
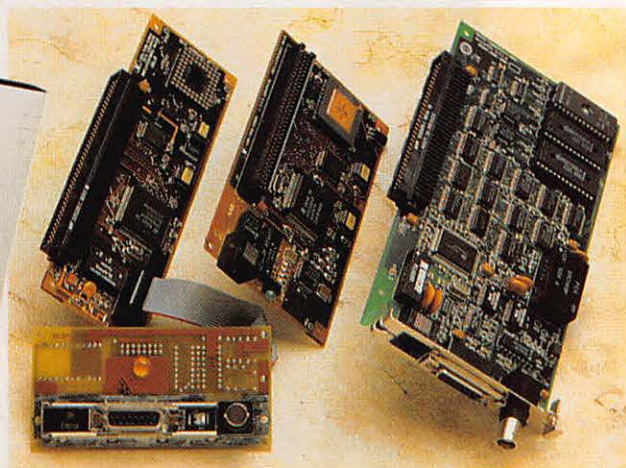
Dayna Communications O
DaynaPORT SCSI Links ....from $298.
DaynaPORT Internal Ethernet Adapters ..from $148.
3775 DaynaPORT E/Z ....$278.

See our Product Listings beginning on page 67 under Network/ Modems for more great products from Dayna Communications.

cc:Mail Platform Pack

Lotus Development

5921 cc:Mail Platform Pack	$378.
6160 cc:Mail 10-User	$268.
6161 cc:Mail 25-User	$598.
6162 cc:Mail 100-User	$2198.
6037 cc:Mail Remote for Macintosh	$224.
6163 cc:Mail Platform Pack for Windows	$378.

Use the world's best e-mail system.

cc:Mail Platform Pack is a fun e-mail system that lets you send messages effortlessly across Windows, DOS, OS/2, Unix, or Macintosh without the need for gateways.

Click on mail icons to check your Inbox, prepare messages, store messages, or send memos. Plus, send and receive text, files, faxes, QuickTime videos, and voice annotations – up to 20 mixed media items within a single message.

Launch applications from within cc:Mail by double-clicking on enclosures. Misplace a memo? The Message Finder utility lets you search for messages according to subject, text, address, date, size, priority, or item. And don't worry about adding to the address list. A unique scalable architecture accomodates your growth, from 5 people to 500,000.

Purchase one cc:Mail Platform Pack per server. ccMail uses whichever file server you have – AppleShare, NetWare, LAN Manager, DEC Pathworks, etc. Also, purchase a sufficient number of **cc:Mail User Packs** to cover your total number of users.

Winner of 1992 *MacUser* Editor's Choice award for best new network software and 1992 *MacWEEK* Diamond Award.

Mac'sPlace

It's about time. It's about space.

The Bernoulli name has become synonymous with reliability in the removable disk storage field. Now, with an ever-expanding product line from Iomega, you can increase storage capacity using the product that best fits your needs and budget:

The Bernoulli **MacTransportable 90 PRO** is designed especially for the Mac, at a low price. This external, removable-disk drive comes complete with a 90MB cartridge and installs easily without an interface kit. You'll enjoy unlimited storage expandability, lock-away security, and transportability. As with all Bernoullis, the patented design resists head

crash. And the sturdy disks can survive a drop of eight feet!

For even more flexibility, there's the **MacTransportable MultiDisk 150**. Enjoy the traditional benefits of a Bernoulli with the added benefit of reading and writing to disks of varying capacities. Disk capacities include 35MB, 65MB, 105MB, and 150MB. Plus, the MacTransportable MultiDisk 150 is downward compatible so it reads and writes to 90MB disks and reads 44MB disks.

Both the MacTransportable 90 PRO and MacTransportable MultiDisk 150 are internally terminated and have a single external SCSI connector so they must be installed as the last device on

your SCSI chain. Each is also packaged with the Iomega Driver and Workshop utility and free shareware.

The **MacFloptical 21MB Subsystem** diskettes hold 15 times more data than 1.44 floppies. The subsystem comes complete with a bootable 21MB Floptical diskette with System 7 and shareware, a SCSI cable, and manuals. The drive is compatible with the Mac Plus and later Macintosh products. With a 21MB capacity, users can transport and manage data more easily with fewer diskettes. The higher optical contrast with laser etching also means Iomega Floptical media offer better performance, increased reliability, and up to three times more durablity than other Floptical diskettes. And this system is 15% faster than other Floptical drives.

SHIPS SAME DAY!
ORDER BY 10 PM PST
$3

Great hard drives and free utilities from Mac's Place.

The longer you own your Mac, the more you'll find yourself wanting more hard drive space. Our **DP+ Hard Drives**, bundled with four free utilities, offer an elegant and reliable solution. These are the most reliable drives around, preformatted using the latest technology in formatting software. And they're fast too. The two removable drives feature mechanisms from SyQuest, and they come with one free SyQuest cartridge. All DP+ drives feature a sturdy case, two metal-clad SCSI connectors, an external fuse, and an easily accessible SCSI ID switch.

Each comes with manuals, cables, a two- to five-year warranty,** and instant technical support from Mac's Place. And if your drive

should need warranty repair, Mac's Place will give you a free loaner. All drives come with **MacTools 2.0, DP Formatter Plus, SpaceSaver,** and **Kaboom! SE.**

Drives are pre-formatted with DP Formatter Plus so they're ready to use right out of the box.

MacTools 2.0 is all the utility you'll ever need. It performs scheduled backups and disk analysis, speeds data access by defragmenting files, detects and cleans known Mac viruses, and much more.

SpaceSaver compresses your files and folders so you have double the disk space! It

compresses files an average of 50 percent and some graphics files as much as 98 percent. SpaceSaver automatically decompresses files when you open them and compresses them again when you're done.

You'll find a myriad of sounds to make your Mac fun with Kaboom! SE. Each sound can be played when you start up your computer, insert disks, empty the trash, and more! Get great drives with great utilities and all the support you need from Mac's Place.

Mac'sPlace

PLI provides options for every storage need.

Don't forget to put on your seatbelt.

PLI's MiniArrays give you the ultimate in speed and capacity. Transfer rates start at 5MB per second – nearly three times that of a typical hard drive. They achieve fast performance by splitting data evenly across two drives. Reads and writes occur simultaneously to each drive resulting in high data throughput ideally suited for applications where large files must be moved quickly.

PLI O
5047 PLI MiniArray 660MB .... **$2,948.**
5049 PLI MiniArray 1.04GB .... **$3,598.**

Store more and retrieve faster.

The **Infinity Floptical** puts 21MB of data on a 3.5" floptical diskette and gives you twice the speed that your floppy drive provides. Downward compatibility with 1.44MB floppy diskettes makes reading and writing to your current floppies faster than ever. And the inexpensive disks mean lower cost per megabyte than other storage solutions.

PLI O
5039 Infinity Floptical 21MB 3.5" Drive .... **$394.**
5091 Infinity Floptical 21MB Media Disks .... **$28.**

A hard disk for people on the go.

NEW!

The **PLI External Totable Drive** is a 2.5" Winchester hard disk drive ideal for transporting data. Its shock resistant design makes it perfect for travel. It's powered by rechargeable batteries, AC outlet, or ADB port, so you're not tied to an outlet. There's even an internal version, the **Internal Go Drive**, just for your PowerBook.

PLI O
5910 120MB External Totable Drive .... **$798.**
5733 120MB Internal Go Drive .... **$698.**

Store tons of data on a floppy-size cartridge.

The **Infinity Optical** drive cartridges may look like floppy diskettes but they store almost 100 times as much data – 128MB to be exact. They're perfect for hungry applications like DTP and prepress. Access times are as low as 35ms and transfer rates are comparable to other removable drives.

PLI O
5036 Infinity Optical 3.5" Drive .... **$1,448.**
5037 Infinity Optical 5.25" Drive .... **$2,748.**
5038 Infinity MaxOptical 1GB Drive
    with 4MB cache .... **$3,788.**

Looking for speed and convenience?

NEW!

Look to the Infinity line of removable drives. Enjoy an average access time of 20ms and the ability to transport data. The new **Infinity 88RW44** reads and writes to 44MB and 88MB cartridges. So you get more capacity and keep compatibility with over four million 44MB SyQuest cartridges.

PLI O
5092 Infinity Turbo 40 Removable Drive .... **$528.**
5093 Infinity Turbo 88 Removable Drive .... **$628.**
5728 Infinity Turbo 88 Removable Drive RW44 $698.

Try the fastest CD-ROM drive.

NEW!

This drive provides blazing 200ms access time and delivers sustained data transfer rates of 330K per second. It reads data at two different speeds – one for audio and another for data. It supports ISO 9660, High Sierra, Apple Photo Access, Kodak PhotoCD, HFS, and Audio CD formats. And it includes PlayCD HyperCard-based software for playing audio CDs from the desktop.

PLI O
5729 CD-ROM MS 200 .... **$698.**

PLI

Blue-light specials without the bruises!

Every product in this ad is new or offered at a special price for a limited time at Mac's Place. **From the 15th of March through the 15th of May.** That's it. No exceptions. Don't fight with the other frenzied bargain hunters. **Just look for these blue pages every month for special low prices.** And call Mac's Place from the privacy and relative safety of your own home.

Ask all the questions you want. Nobody else is waiting to be helped, looking at you like you're stupid. Talk to consultants here who actually know what they're talking about.

What are you waiting for? There'll be another blue ad next month with more low prices, but these deals will be gone. So call. 1-800-367-4222.

Mac'sPlace

Come May 15th these great deals will be gone.

Cachet

Adjust colors accurately on screen, referencing previously corrected images. The 1992 Eddy Software Product of the Year!

Efi

6071 .... **$398.**

Public Utilities

Fix problems before they put you and your data in a fix. Works in the background. Voted an Eddy in '92 for Best Protection Program.

Fifth Generation Systems O

5661 .... **$68.**

SuperView

Connects your PowerBook 140 or 170 to desktop displays, video projection systems, and TVs. Get **Magnet FREE,** and automate and synchronize tasks.

SuperMac/No Hands Software

5599 .... **$449.**
See page 48.

Supra FAXModem V.32bis MacPac bundle

Get 14,400 bps communications with up to 57,000 bps throughput, plus **MacIntercomm Lite FREE.**

Supra/Mercury O

4017/6066 .... **$329.**
See pages 30 and 31.

PowerBook Tools/ Inline Sync/Tesserae bundle

PBTools lets you know exactly how much PowerBook battery life remains, and sleeps your system to conserve it. **Inline Sync** updates files on your PowerBook and desktop Mac to the latest versions. **Tesserae** has a simple but challenging premise – clear the board of colored tiles by jumping one over another in as few moves as possible.

Inline Design O

6051 .... **$92.**
See page 48.

AppleTalk Remote Access

Need a file from your Mac but you're off-site? **Remote Access** connects one Mac to another via modem. File sharing lets you access the files you need.

Apple

4610 .... **$149.**

MacTransportable MultiDisk 150

Enjoy all the benefits of a Bernoulli with disks of varying capacities. Use 35MB, 65MB, 105MB, and 150MB disks, read and write 90MB, and read 44MB.

IOMEGA O

5609 .... **$799.**
See page 34.

Spectre Supreme

Face enemies like smart acid pools, cloaked robots, and deadly orbiter gauntlets. Need a breather? Duck through the transporter gates to negative cyberspace. Stunning QuickTime visuals.

Velocity Development Corp.

5951 .... **$45.**

See page 50.

Bill Elliott's NASCAR Challenge

Capture the thrill of stock car racing. Bit map graphics and a scaling technique create great car detail as you race against NASCAR's finest drivers on eight NASCAR tracks.

Konami O

5942 .... **$28.**

See page 51.
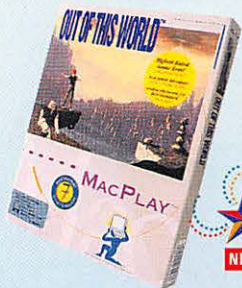
Out of This World

Thrown through space and time by a nuclear accident, outwit and overcome monsters and earthquakes. "Highest rated game ever" – Computer Game Review

Interplay O

6067 .... **$34.**
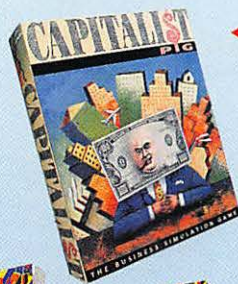
Capitalist Pig

Build and run your own business under authentic economic conditions in this exciting simulation. Packed with sound, animation, and fun.

Pluma Software

4640 .... **$30.**

See page 53.

A-Train Bundle

Design a railroad in this award-winning simulation. It's a great value with the program, additional construction kit, and strategy guide. Four stars from *Macworld!*

Maxis

6059 A-Train Bundle .... **$58.**

6060 SimCity Bundle .... **$38.**

Yearn 2 Learn, PEANUTS

Match wits with Snoopy and the Peanuts Gang. Enjoy math, geography, reading, coloring, and Flying Aces games. Voice narration, zany sounds, increasing levels of difficulty for all kids.

Image Smith

5911 .... **$39.**

See page 57.

Infinity Removable 88RW44

Read and write to 44MB and 88MB cartridges. Enjoy an average access time of 20ms, the ability to transport data easily, and compatibility with over four million SyQuest 44MB cartridges.

PLI O

5728 .... **$628.**

See page 36.

PixelPlay

Have fun watching your favorite QuickTime movies while your screen sleeps. Includes its own application, an After Dark module, and ten Warren Miller action clips.

Silicon Sports

5901 .... **$34.**

Soft PC Professional 3.0

Do the PC one better by bringing PC programs to the Mac. Emulates 80286 and 80287 in real and protected modes, and VGA graphics with 256 colors.

Insignia

5925 .... **$168.**

See page 44.

Power Pak Briefcase

This rugged carrying case has all the organizational features you need in a convenient smaller size bag. It protects your portable and holds all your essentials.

Tenba

6072 .... **$68.**

See page 63.

Morph

It's the hottest image effect of the nineties – transformation. Create amazing transitions. Eddy finalist for Best Special Effects Program. 1992 Byte Award of Distinction.

Gryphon Software

5680 .... **$85.**

See page 16.

Sony Storage

Superior performance for all your storage needs.

Sony

3.5" MO Rewritable 128MB

4478 .... **$48.**

DD/HD Bulk 50 Pack

3331 .... **$49.**

See page 61.

Developing a GUI Without the Mess.

All by itself, the Mac's graphical user interface (GUI) can place significant demands on software developers using traditional languages like C or Pascal. Many in-house developers and part-time programmers cannot spare the inordinate amount of time it takes to get that first traditionally-developed Mac program out the door. But for businesses to make the most of computers, custom applications are often what's needed.

Mac's Place, for instance, didn't want the confines of existing software packages to dictate what they could and could not do with their information. To handle all the complexities of, say, cross-referencing a customer's system type with compatibility information for a software product, they needed something special. And they wanted something easy-to-use with lots of information accessible on-screen at once. They needed a custom Mac application. A mainframe just wouldn't do. And neither would existing commercial software.

Many businesses find themselves in similar situations. And the costs and time involved getting a custom GUI application were often too great. But several software publishers and even Apple itself have addressed this issue. While C is the most widely used commercial programming environment, others may better suit your programming needs. There are now several truly remarkable products available which can make the

leap from concept to finished product much shorter and less dangerous. They do a lot of the interface work for you. So contrary to popular opinion, I believe which environment programmers should use depends more on the nature of the software they want to develop than any other factor.

HyperCard

Apple developed and initially promoted **HyperCard** as a "software construction kit." As such it has several advantages. The first and most obvious is its highly graphical nature. **HyperCard** lets a programmer place text, buttons, graphics, and other window elements using paint program-style tools. It broke new ground in this arena and set a new standard for the programmer's interface with the development environment.

The second powerful advantage is its tremendous ability to handle hypertext and "linking." If the software being designed is primarily involved with the interactive display of information (even QuickTime movies), then HyperCard may very well be the platform of choice.

One drawback to HyperCard is that it is more or less an interpreted environment. The products you create are called "stacks" and they require the HyperCard application itself to run. This can be overcome with a third party product called **CompileIt!** from Hezier Software. However, if the program requires extensive manipulation of data or working with the Mac toolbox or system software on a lower

level, there's only one choice – write (or buy) an extension in another language.

4GL Databases

As a group, generic programmable database development environments are often called "Fourth Generation Languages" (4GLs). Microsoft's **FoxPro**, Acius' **Fourth Dimension**, and Blyth's **OMNIS 7** are some classic Mac examples in this genre. These products have all advanced to the point where they possess most of the screen development tools of HyperCard and some sort of underlying database language that is robust in terms of data manipulation and report generation.

If your application has extensive data handling needs – including the ability to allow users to lay out data-entry screens, design and generate reports on the fly, and do extremely fast indexed searches of data, the 4GL environments may be your best bet. All of these items are already pre-programmed and ready to include in the product with very little overhead on the programmer's part.

Like **HyperCard**, however, these environments are usually quite "high level," meaning the programmer is insulated from low-level access to the Mac system software. Most 4GL environments do, however, accept extensions to these levels written in C or Pascal.

Object-oriented Development Systems

Object-oriented programming lets programmers

> WHILE C IS THE MOST WIDELY USED COMMERCIAL PROGRAMMING ENVIRONMENT, OTHERS MAY BETTER SUIT YOUR PROGRAMMING NEEDS.

BY ROSS W. LAMBERT
ARIEL PUBLISHING, INC.

ROSS W. LAMBERT IS THE EDITOR AND PUBLISHER OF *INSIDE BASIC, THE JOURNAL OF MACINTOSH BASIC PROGRAMMING.* HE IS ALSO A CONTRACT PROGRAMMER FOR BATTELLE LABORATORIES AND IS WORKING ON A DATA VISUALIZATION TOOL THAT WILL BE AN AID IN THE DISPOSAL OF NUCLEAR WASTE. HE DOES NOT GLOW IN THE DARK, ALTHOUGH THE EXTRA FINGER ON HIS RIGHT HAND HAS GREATLY INCREASED HIS TYPING SPEED.

Mac'sPlace

GUI WITHOUT THE MESS CONT.

use existing blocks of code or "objects," saving them the time of reinventing the wheel for each and every project. This can dramatically decrease development time and costs for those footing the bill.

TGS Systems' **Prograph, Serius'** products, and **FutureBasic** from Zedcor are some examples of object-oriented development systems. When combined with the screen design tool called **PG:PRO**, **FutureBasic** provides a powerful general purpose development environment.

PG:PRO is a graphical development environment that lets you "draw" the elements of your program's interface much like you would with HyperCard. It's also a source code generator, producing

FutureBasic code to both recreate and handle the interface you have designed. The **FutureBasic** language itself includes high-level extensions tailored for the Mac environment, structured and object-oriented programming constructs, and all the low-level pliability any wild-eyed hacker would want, including the ability to generate all types of Mac code (DAs, CDEFs, XCMDs, etc.). So you could use it to write the extensions or speed-critical code you need for a HyperCard or 4GL language-developed program – and all within the friendly confines of a BASIC compiler.

WHICH ONE IS THE ONE?

I'd be remiss if I didn't reiterate that most commercial Macintosh programs are

written in C. However, the Mac development scene is in transition. Speed of development is becoming an overriding concern for almost all software producers, including Apple. Many large companies are moving to C++ in conjunction with the MacApp object libraries. Many smaller companies, particularly one- or two-programmer shops, are finding one of the environments discussed in this article to be a better choice. This is largely because more of the software development is already done with these packages.

All three development environments provide the now-obligatory screen design tools, and all three have extensive third-party support. In the case of Mac's Place, **OMNIS 7** was

chosen. With it, M.O.M.M.A. (Mail Order Manager Macintosh Application) was developed and it now runs most every aspect of the business.

Getting a program to do exactly what you need is becoming less expensive and time consuming all the time. The most important factor of all is to know your direction. In software, where your application is headed will almost always determine the best way for a programmer to get there.

Object-oriented programming just got easier.

FutureBASIC has high-level, object-like extensions to the BASIC language, so you can create windows, menus, buttons, and even scrolling text-edit fields with a single statement. It also sports an in-line assembler, unrestricted access to the Mac toolbox, and the ability to compile virtually any kind of Mac code resource. FutureBASIC's development environment includes a project manager, pre-compiled INCLUDEs, and a source-level debugger.

PG:PRO adds a graphical development interface to FutureBASIC and other object-oriented extensions. It lets you draw your interface and then generate the source code and resources necessary to recreate it. Several powerful object classes are included like a text editor, spreadsheet cells, and a QuickTime movie player.

To help you master programming the Mac and FutureBASIC, get monthly *Inside Basic* and *Inside Basic on Disk*. You'll learn inside information about FutureBASIC and the Mac toolbox – all in plain English with BASIC examples.
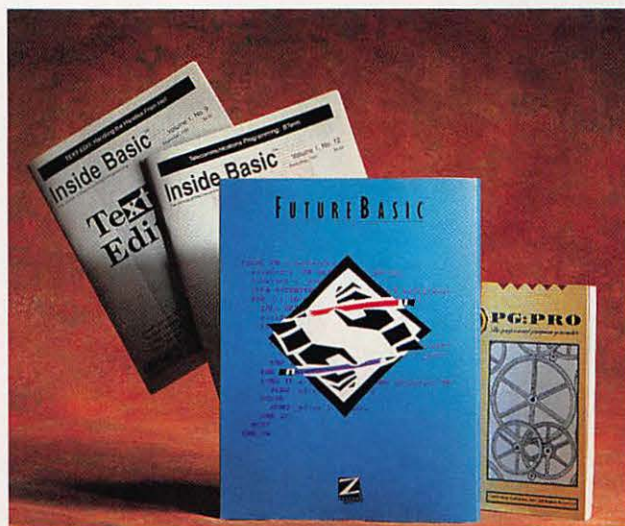
AppMaker 1.5 speeds software development by letting you create the user interface for an application the same way you use your Mac – with pull-down menus and on-screen point and click. You can even create Balloon Help with the included editor. Version 1.5 is System 7 savvy and supports THINK C, THINK Pascal, TCL, MPW C, MPW Pascal, and MacApp 3.0.

Bowers Development ○
4099 AppMaker 1.5 ....$214.

What took a ▶ month now takes a day!

HyperCard is the #1 tool for creating custom Macintosh software. A ready-to-use version of HyperCard gets you started. A scripting program takes you further. Imaginative courseware, interactive video, and data retrieval from a mainframe are some of the possibilities. Features include variable window sizes; the ability to link text to graphics, sounds, and other cards; increased speed; and new commands.

Claris
3542 Hypercard v. 2.1 ....$139.

Your Mac can ▶ have its very own personality.

Metrowerks **Pascal** provides more bang for the buck. Not only does it include an integrated programming environment and Pascal compiler, it has a friendly user interface for those learning how to program in Pascal. Since its introduction a year ago, Metrowerks Pascal has been adopted by over 25 universities in the US and Europe.

Metrowerks
5562 Pascal ....$49.

A complete and ▶ affordable Pascal at last!

Get multi-tasking with 4th Dimension.
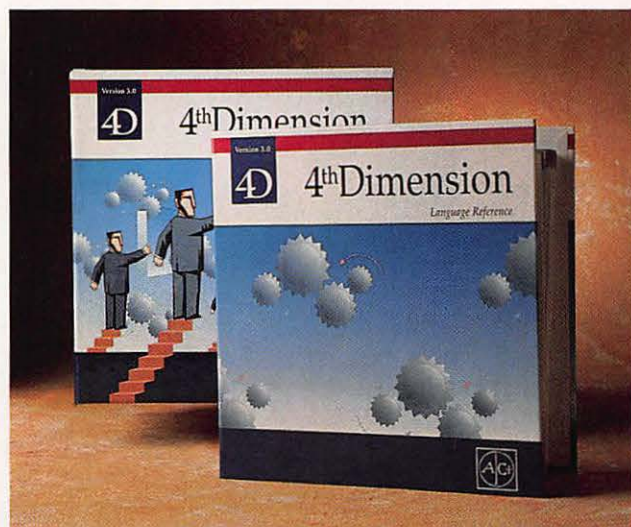
ACI
5646 4th Dimension v. 3.0 ....$628.

4th Dimension v. 3.0 is a relational database that's fast, powerful, easy-to-learn, and easy-to-use. It's the first desktop relational database with its own built-in, preemptive multi-tasking system. With this system, even casual users can import data, print reports, and design forms simultaneously – all without programming.
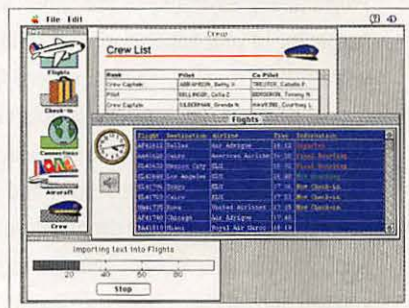
And 4D keeps pace with your needs as they grow in complexity and size. Its extensive programming language, automatic button scripting, multi-page layouts, and easy-to-use procedures make 4D a perfect development environment.

4D databases can be used in multi-user mode without modification with 4D Server, ACI's native client/server architecture for 4th Dimension. It's the fastest multi-user database for the Mac.

ACI also offers integrated application modules for the 4th Dimension environment: 4D Calc, Graph 3D, 4D Write, 4D Draw, 4D compiler, 4D SQL Server, and much more.

Mac'sPlace

Program for the Mac faster with THINK Reference.

New **THINK Reference 2.0** is an on-line guide providing instant access to the critical information you need to program for the Mac. It contains descriptions of all the Toolbox routines from Apple's Inside Macintosh I-VI, including information needed to take advantage of the features of System 7. Special templates let you save time and avoid errors by copying Toolbox calls and code examples into your own program with one command. You won't have to worry about misspelling or keeping parameters in the correct order.

THINK C is an award-winning Macintosh development environment. It integrates all five stages of programming – edit, compile, link, run, and debug – for fast turnaround time and ease of use. THINK C produces efficient, commercial-quality code. With THINK C, your applications can take full advantage of object-oriented programming (OOP) and System 7 capabilities.

Symantec ○
5672 THINK Reference 2.0 .... $94.
3524 THINK C 5.0 .... $198.

Get in on the next revolution in programming.

Prograph 2.5 strikes the perfect balance between programming power and ease of use. This winner of an Honorable Mention in the 1991 *MacUser* Eddy Awards competition has a unique Visual Programming Environment that shows you exactly what's happening in your application. You build, edit, and debug programs while they're running. There's no need for C, Pascal, or any other textual language. Full support for object-oriented programming features makes it the state-of-the-art Mac programming product.

Prograph is fully System 7 savvy and includes an array of time-saving tools to significantly shorten development cycles. The Application Builder lets you generate user interfaces as quickly as you can draw them. Prograph Extension Products allow THINK and MPW users to include C and Pascal libraries. SQL database support is also available for building client-server applications. Prograph lets you program the way you think – building on ideas and solving problems as you go.
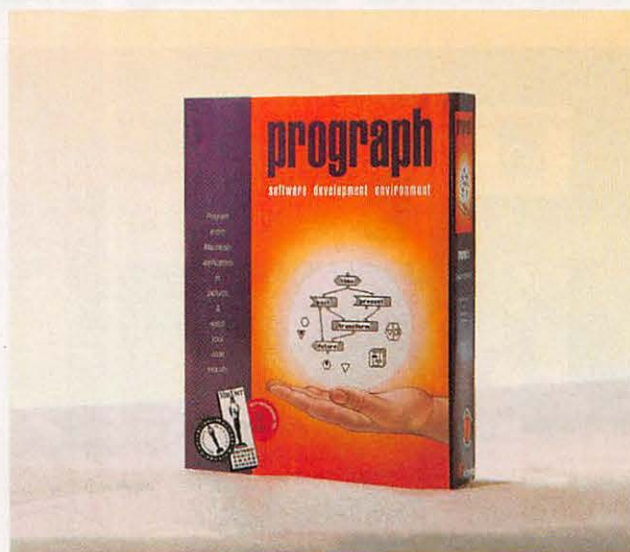
TGS Systems ○
3616 Prograph 2.5 .... $298.
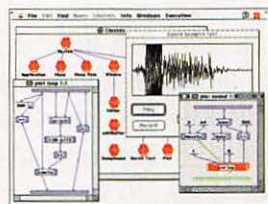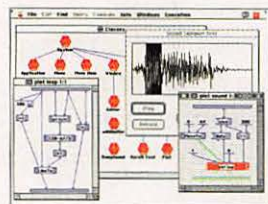
BIKES AND MACS AND CYCLING TOGS.

When bicycle designer Patrick Minervini opened the fall issue of the Mac's Place catalog and saw Mac's Place company founder Bob Wilkins on the inside front cover, he started to laugh. "First, I noticed him on a bicycle with a PowerBook," says Minervini. "Then, I saw our jersey. And then I read the letter and realized Mac's Place does *everything* on a Mac. I just had to give him a call and offer him one of our new Mac-designed jerseys."

Minervini is the number one designer for GITA Sporting Goods of Charlotte, North Carolina. He designs cycling clothing, graphics for bicycle frames, catalogs, and advertising. All are produced on the Mac.

GITA Sporting Goods is the brainchild of Giorgio Andretta, who grew up in northern Italy, an area famous for its cyclists. Andretta raced bicycles as a child, eventually competing for Canada in the 1972 Munich Olympics. Through his involvement with sports, Andretta began importing Italian tennis and bicycle gear into North America. GITA was incorporated in 1978. Andretta hired Minervini as a designer in 1989.

Through its catalogs, GITA wholesales three imported lines of bicycle frames: DeRosa, Eddy Merckx, and Pinarello. Those names ring big bells for cycling enthusiasts. All three makers work

closely with Patrick Minervini and have become the ultimate in U.S. cycle gear via GITA. Minervini's crowning glory is Cicli Giordana – GITA's own line.

Minervini uses the Mac in his work with Italian fabric, bike, and clothing manufacturers. He also designs GITA catalogs and ads on the Mac.

"I wear a lot of hats here, and without a Mac, I'd be dead." He uses a **Macintosh IIFX**, an **HP LaserJet III**, an **HP ScanJet Plus**, a **Tektronics Colorquick Printer**, a **Wacom Digitizer**, and a **Syquest** drive. He works in **Adobe Illustrator** and **Adobe Photoshop** extensively, as well as **Word 5.0**, **PageMaker**, and **QuarkXPress**.

While he says the Mac is indispensable, Minervini admits he develops some clothing patterns "manually" – the old-fashioned way. "After I've drawn up the clothing patterns, I reduce them to 25 percent on the photocopier, scan them, and refine them in **Illustrator**."

A paper pattern is sent to the manufacturers in Italy where it's scanned into a digitizer. The pattern pieces are arranged on screen for most efficient use of the fabric, wasting as little as possible. Then a computer cuts the fabric.

To design the many graphics used in GITA's sports fabric, Minervini works with a Pantone color

selector in **Illustrator**. Some color blends are created in **Photoshop**. Working with the Italian textile manufacturer, he outputs four-color separations from **Illustrator** and **Photoshop** and sends the separations to Italy. They're then enlarged to full size. Finally, the graphics are printed onto fabric, and the fabric is cut and sewn.

Working with DeRosa, Eddy Merckx, and Pinarello on their frames, Minervini does a perspective rendering of each manufacturer's bicycles, using **Illustrator** and **Photoshop**. "Then I take a blank bicycle frame, fill the frame with color, and skew it for perspective. At this point, it's like word processing. I can change colors and decals at the click of a mouse."

Minervini uses his bicycle and clothing renderings in the development of a "dummy" catalog, a page-by-page rough layout that's used extensively during the photo shoot. Photos and copy are then sent to GITA's Italian ad agency. The copy, written in **Word 5.0**, is edited in the U.S., to avoid any translation problems. Then the **Word** files and photos are sent to Italy where photos are scanned into **Photoshop**. The catalog is assembled there with **QuarkXPress**. Laser proofs are sent from Italy for final proofing in the U.S., and the printing is done in Italy.
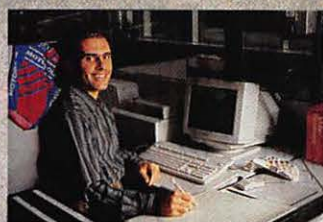
> "I WEAR A LOT OF HATS HERE, AND WITHOUT A MAC, I'D BE DEAD."
>
> PATRICK MINERVINI
> DESIGNER, GITA
> SPORTING GOODS

"It's funny," says Minervini, "sometimes when I go to Italy to work with the ad agency, I'll need to jump on their computer. It's all in Italian, so the keyboard's a little different, but since I know the program and the Mac, it doesn't really matter."

The friendly Mac interface strikes again.

Mac'sPlace

Great Literature has 1,896 titles on a single disc! It includes the complete texts, pictures, and celebrity narrated passages of works by Hans Christian Andersen, Shakespeare, Lewis Carroll, and others. **Monarch Notes** popular study guides –over 200 of them – are available on this disc. It's fully indexed with synopses, character analyses, spoken passages, and pictures.

Bureau of Electronic Publishing

5693 **Monarch Notes** .... $74.
5694 **Great Literature** .... $74.

Build your ▶ library with a single disc.

Ever want to be a rock and roll star? Here's your chance. **So You Want To Be A Rock And Roll Star** teaches you to play guitar and keyboard. You even get your own professional backup band. You can play or just sing along karaoke-style. Songs include "Dock of the Bay," "Stand By Me," and four more.

Interactive Records ○

5744 **So You Want To Be A Rock And Roll Star** .... $62.

You play lead ▶ in this band.

NEW!

Fonts, photos, and images – no key needed. ▶

Don't pay extra or make telephone calls to unlock fonts, photos, and images on CD. When you buy these CDs, you have full use and rights. **Font Pro Volume 2** gives you more than 125 distinctive TrueType and Type One PostScript fonts. All include the complete character sets. **Patterns of Nature**, volume one of the Photo Pro series, offers you more than 100 24-bit TIFF images, including waterfalls, trees, flowers, mountains, and sunsets. Browse images easily with a Preview Icons feature, QuickTime slide show, or the printed catalog. With **Gallery of Dreams**, you have more than 500 24-bit TIFF images for slide presentations, newsletters, reports, multimedia presentations, or anywhere else you can use a modern, dreamlike image.

Wayzata ○

5978 **Font Pro Vol. 2/ Types of Distinction** .... $62.
5979 **Gallery of Dreams** .... $62.
5977 **Photo Pro Vol. 1/Patterns of Nature** .... $78.
5980 **Magnificent 7 – Education and Games for System 7.0** ... $48.
5981 **CD Fun House 7.0** .... $31.
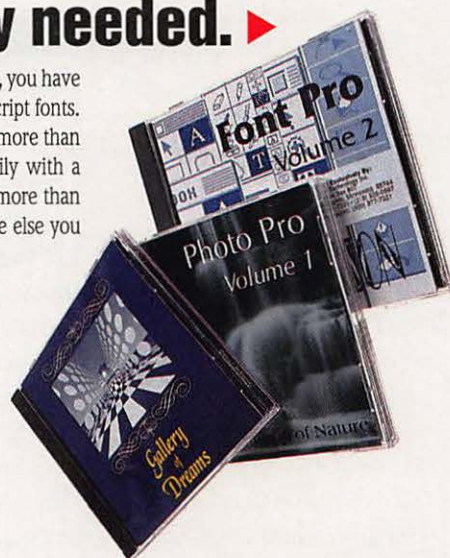
Take Nautilus for a test drive. ▶

Get a taste of one of the top-selling Mac CD-ROM products with the **Nautilus Mini-Subscription Kit**. Along with the Introduction to Nautilus disk, you receive the next two regular monthly Nautilus issues. Each issue includes software demos and reviews, entertainment, multimedia presentations, educational projects, sound effects, and industry news. **Nautilus Backpac Vol. III** gives you the first six issues of 1992 plus a coupon for a free seventh CD-ROM.

Metatec Corp. ○

5103 **Nautilus Mini-Subscription Kit** .... $20.
4857 **Nautilus Backpac Vol. 3** .... $44.
4584 **The Best of Midi Connection** .... $31.
4856 **The Best of Photography** .... $31.
5929 **Nautilus Mini-Subscription Kit: Windows** .... $20.
5930 **Nautilus Backpac Vol. 1: Windows** .... $44.

NEW!

MICROSOFT. WINDOWS. COMPATIBLE

Go out for a spin, and hold on tight!

Texel
5768 DM-5024 CD-ROM External Drive ....$598.

The **DM-5024 External CD-ROM Drive** from Texel gives you twice the speed of previous models. Check out the instrument panel. Thanks to a proprietary motor technology, you get 265 ms average access speed and a 300 KB/sec data transfer rate.

That sort of speed and a 64KB buffer make this drive perfect for demanding multimedia applications like animation, graphics, 3-D modeling, and full-motion video.

Get trouble-free operation with the dust-resistant door, sealed chassis, connectors extending outside the chassis, and self-cleaning lens mechanism.

A SCSI interface lets you daisy chain up to seven SCSI peripherals. With the appropriate software, you can play your audio discs via stereo headphone audio outputs on the front panel or the rear panel audio output.

There's a year-long warranty on parts and labor, backed by a service department that *PC World* ranked first in the industry in service and support.

Go CD with a package the whole family will enjoy.

The world leader in CD-ROM technology brings you an easy, complete, and affordable way to enter the world of interactive compact disc technology.

NEC CD Express bundles great hardware and spectacular software. The CDR-25 CD-ROM reader offers lightweight portability, fast seek times, and 64K cache memory to quickly access data. Two amplified stereo speakers, combined with CD Player software, lets you play your favorite music.

You also get 10 of today's most popular CD-ROM software programs, **FREE**, with exceptional graphics, quality, and sound. The software titles include Lucasfilm Game Favorites, Publish It!, Great Cities of the World, Vol. 2 (tour of ten cities), The Family Doctor (answers to 1,500 health questions), Discis Books Aesop's Fables, Total Baseball (the ultimate trivia source), Interactive Storytime, The Software Toolworks World Atlas, The Manhole (adventure game), and Best of the Bureau's works of literature.

Installation is easy and you get a two year warranty.

NEC
5922 NEC CD Express ....$348.

Mac'sPlace
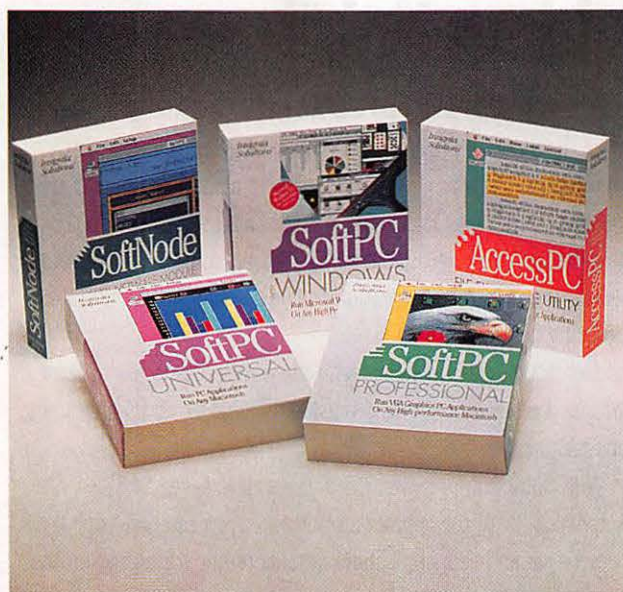
Insignia Solutions

5924 SoftPC Universal 3.0	$104.
5925 SoftPC Professional 3.0	$199.
4819 SoftPC with Windows	$318.

Do the PC one better.

Bring PC applications to your Mac! There's no need to add hardware. With **SoftPC** products from Insignia Solutions, software does it all. SoftPC Universal 3.0 lets you easily cut-and-paste text and graphics between Mac and PC applications. MS-DOS 5.0 and Microsoft's CD-ROM extensions are pre-installed and ready to run. Includes EGA graphics and math coprocessor capabilities.

SoftPC Professional 3.0 emulates VGA graphics in giving you 256 colors and the increased monitor resolutions to show crisp, realistic, and vibrant graphics. Run protected-mode MS-DOS applications which have been written to utilize extended memory. MS-DOS 5.0 is pre-installed.

SoftPC with Windows lets you run Windows applications, then click to get back on the Mac. VGA graphics are emulated. MS-DOS 5.0, CD-ROM extensions, and Microsoft Windows 3.1 are pre-installed and ready to run. (68040 processor required.)

Insignia Solutions

Take System 7 to new heights.

With **7th Heaven Utilities,** System 7 becomes faster, more flexible, more informative, and easier to use. A collection of applications and installers (no INITs or CDEVs) lets you customize System 7 without the memory- and space-eating tendencies of the alternatives.

FinderExpress uses the Finder to fast-file copy up to 120MB per minute. Informant lets you know your exact system configuration. FileMapper allows double-click launching of orphan applications. Calendar, with stunning graphics, shows you one and three month views. RedAlert adds a splash of color to your system icons. And a screen saver application lets other applications run in the background while protecting your screen using minimal processor power. Includes **Chameleon 2.0**.

Chameleon 2.0 is the ultimate desktop pattern utility. The finest collection of Mac desktop patterns, including Artbeats marble and tile patterns, are available in color, grayscale, and black and white.
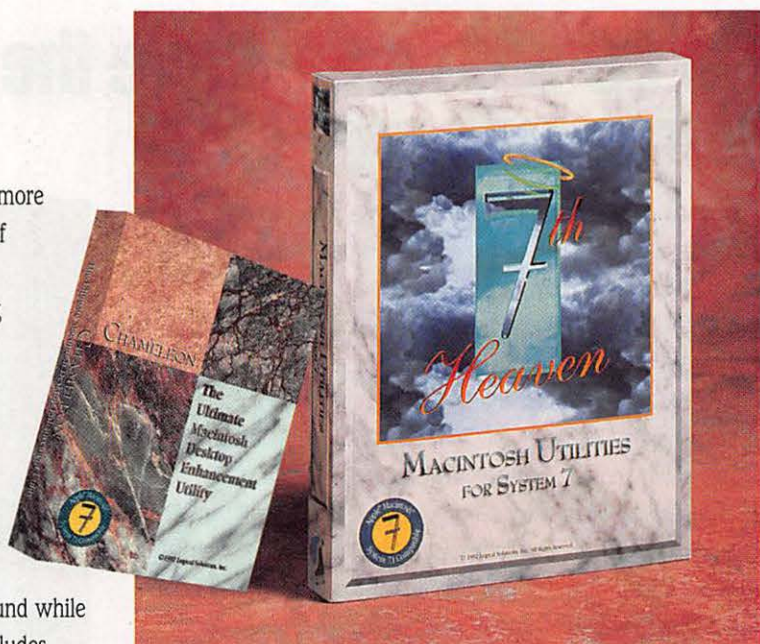
Logical Solutions, Inc. ●

6046 7th Heaven 2.5	$74.
5927 Chameleon 2.0	$38.

Help! is an on-call Mac problem solver. ▶

Prevent disastrous system "crashes" with **Help!** It pinpoints system configuration problems and recommends solutions that anyone can understand. Analyzes your Macintosh for conflicts, incompatibilities, improperly installed files, memory problems, damaged files, etc. It's like having a Mac expert on call 24 hours a day.

Teknosys

4086 Help!1.0 .... $88.
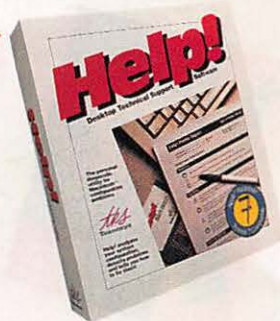
StuffIt is the complete compression solution.

Only **StuffIt Deluxe 3.0** can solve all your compression needs from archiving to transparent compression. StuffIt will save you time and money on file transfers over your modem or network. It's the standard for all electronic services and the most efficient compression product available. StuffIt Deluxe 3.0 also includes **StuffIt SpaceSaver**. Unlike other compression products, StuffIt Space Saver increases disk space with lightning speed and without effort on your part. Direct it to work while your Mac is idle or when you request. SpaceSaver is the least expensive, most productive, and easiest-to-use compression product.

POWERBOOK RECOMMENDED

Aladdin Systems ○

4971 StuffIt Deluxe 3.0 .... $68.
4969 StuffIt SpaceSaver .... $38.
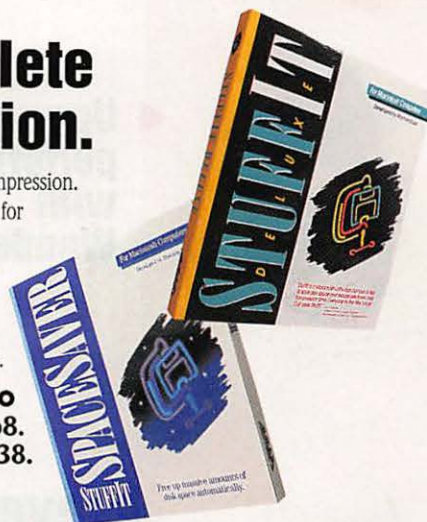
Problem? No problem – with Snooper.

The next time you see a "Sad Mac" flashing on your screen or your Mac's performance isn't up to par, perform a desktop diagnosis with **Snooper**, the best-selling new standard for Mac diagnostic and testing tools. Snooper performs more than 250 tests, checks all your hardware, and identifies any problems.

With a plug-in NuBus board, Snooper will focus on potential problems in the power supply, system clock, and ADB port. You'll also receive loopback plugs to be installed on the back of the computer. The plugs run serial port and modem port tests to verify integrity.

Snooper is easy to use and includes complete performance benchmarking and an emergency diagnostic boot disk.

And to complement Snooper's hardware diagnostics, receive the complete **Virex** package to monitor software problems. Virex detects and repairs files infected by all known Mac viruses. And it's free with the purchase of Snooper.

NEW!
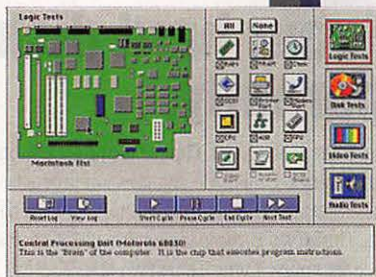
Maxa Corp.

5376 Snooper 2.0 with Virex .... $128.
5377 Snooper 2.0 with NuBus and Virex .... $168.

MAXA

45

Mac'sPlace

Get your drives up to speed.

RapidTrak is a complete Mac disk management and formatting utility that enhances the performance of your disk drives. It includes standard features like password protection and partition formatting. Intelligent disk caching software increases data access dramatically in database, spreadsheet, desktop-publishing, and word-processing applications. RapidTrak works with DOS-formatted removable drives used in combination with AccessPC or Apple's Mac/PC Exchange.

Insignia Solutions
5702 RapidTrak .... **$64.**

Upgrade printer performance with WonderPrint.

WonderPrint is a new utility that dramatically improves quality and performance when printing color and gray scale images to a black and white printer. A StyleWriter with WonderPrint prints better than a LaserWriter without! It also speeds up printing on the LaserWriter NT and NTX.

Delta Tao Software ○
4325 WonderPrint ....**$38.**
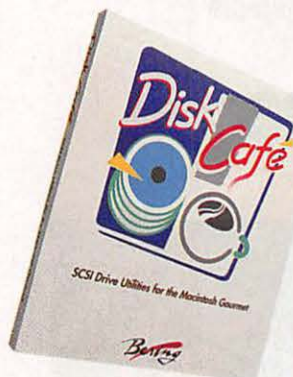
Prevent data loss with Disk Café.

If you use drives from different manufacturers, you need to format them all with the same utility. This prevents a slew of problems including the loss of data. **Disk Café** is a complete storage formatting utility that works with nearly every drive available. So you won't ever have data stored in incompatible formats or have trouble mounting a drive. Disk Café supports Quadra, PowerBook, and Mac Plus models (and all Macs in-between) and practically all SCSI hard disk and removable disk drives.

This powerful format utility creates a variety of SCSI partitions to customize disk configurations, including both "old" and "new" partition types (as well as "none"). Its advanced diagnostic tools detect and repair disk defects. And Disk Café supports System 7 Virtual Memory, A/UX, and auto sleep mode on PowerBooks. A multifunctional Control Panel Device gives you complete information and control of your SCSI disk drive. Disk Café is the ideal drive utility for a spectrum of fixed and removable disk drives.

Bering Industries
5121 Disk Café .... **$45.**
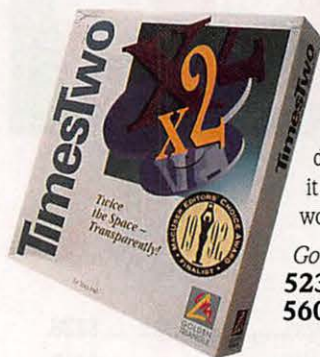
Expand your hard disk — transparently.

Is your hard disk bursting at the seams? Get **TimesTwo**! An easy, one-time installation expands your disk capacity as much as 100 percent in minutes. Unlike file compression products, TimesTwo works by transparently compressing disk blocks, not files. So when you move a file from your TimesTwo hard disk to another device or across a network, it arrives in its original form. TimesTwo is compatible with all Mac software, including file recovery programs, and works with all SCSI disks. See for yourself why TimesTwo is a *MacUser* Editor's Choice finalist!

Golden Triangle ○
5233 TimesTwo (1.44MB version) .... **$99.**
5600 TimesTwo (800K version) .... **$99.**

Make the most of your Mac and your time.

Enjoy working on your Mac even more with great productivity tools from Fifth Generation Systems.

Suitcase is the premier resource management tool that lets you organize fonts, DAs, sounds, and FKEYs. Easily open and close sets of suitcase files that you customize by project, client, font family, or any other way you like.

AutoDoubler and **DiskDoubler** create more space on your hard disk. AutoDoubler automatically compresses everything on your hard disk (except files you designate) to create up to 100% more space. You'll enjoy improved network performance, faster modem transfers, and decreased backup time. There are no interruptions because AutoDoubler compresses only when your system is idle.

DiskDoubler lets you compress and expand a file, folder, or entire disk just by clicking. Files are compressed an average of 50 percent.

SuperLaserSpool 3.0 lets you keep working while your jobs are printed in the background. Even fonts are downloaded while you continue to work. A print status screen lets you monitor print jobs and rearrange them if you like.
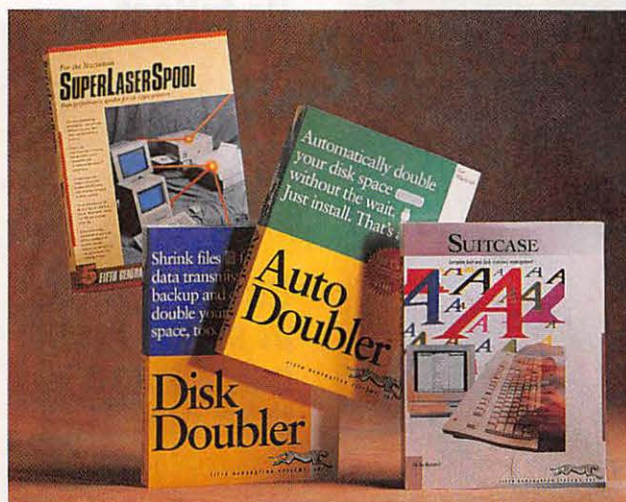
Fifth Generation Systems ○
4696 Suitcase .... **$49.**
5316 AutoDoubler 2.0 .... **$62.**
2581 DiskDoubler 3.7 .... **$48.**
4207 SuperLaserSpool 3.0 .... **$98.**

CPU (Connectix PowerBook Utilities) stretches your PowerBook battery life, secures sensitive files, and gives your trackball-weary thumbs a rest with automatic settings. And Virtual 3.0 gives your Mac or PowerBook more memory. It's quicker, more flexible, and uses less hard-disk space than System 7's virtual memory. Now you can get both for only $62!

Get more from ▶ your Mac.

Connectix ○
4861 CPU .... **$49.**
5916 Virtual 3.0 .... **$49.**
5917 CPU–Virtual 3.0 bundle .... **$62.**

Keep your Mac virus-free.

Virex is the ultimate solution to Mac computer viruses. The application detects and repairs files infected by all known Mac viruses. The Virex INIT prevents infection by continuously monitoring files and performing instantaneous repairs. Virex also provides the most comprehensive network features available. You can perform network-wide virus scans and even schedule periodic scans to ensure the network remains virus-free. Virex is updated frequently to combat new viruses, and all registered users receive one free update. Every Mac user needs this kind of comprehensive virus protection.

Datawatch ○
5234 Virex 4.0, Single User .... **$62.**
5235 Virex 4.0, 10 Pak .... **$428.**

MacsPlace
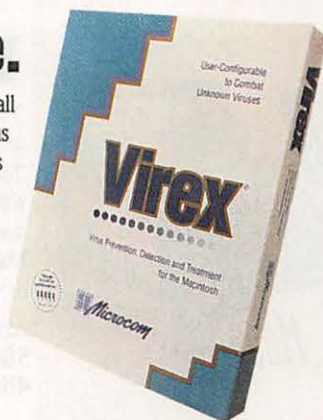
Utilize your PowerBook to its fullest.

POWERBOOK RECOMMENDED

NEW!

PBTools gives you more power, without the fluff. Know exactly how much battery life remains, and sleep your system to conserve it. Password-protection secures your PowerBook, and HotKey functions stretch keyboard power. **Inline Sync** updates files on your PowerBook and desktop Mac to the latest versions. Sync via file sharing, network, or SCSI connection.

Inline Design O
5928 PBTools .... $62.
5650 Inline Sync .... $78.

Get your files in sync when using more than one Mac.

POWERBOOK RECOMMENDED

Make sure you're working on the latest version of your files when using a PowerBook and a desktop Mac, or any two Macs, with **PowerMerge**. It's the first software that not only tells you where the latest version resides – it puts all versions in sync. It includes conflict notification, a history log, and updating via network or removable media.

Leader Technologies
5010 PowerMerge .... $79.
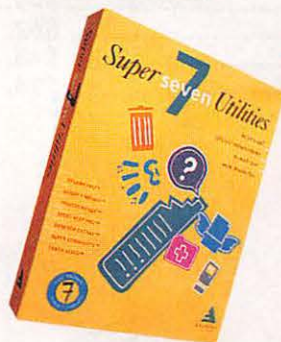
Get these hot System 7 utilities.

POWERBOOK RECOMMENDED

NEW!

Tired of pulling down menus? Mighty Menus, one of the **Super 7 Utilities'** software enhancements, lets you tear menus off and position them where you want. Printer Picker lets you switch AppleTalk printers without using the Chooser. Instead, find printers on the menu bar. Plus get more control over Get Info comments, the trash container, Balloon Help, sounds, and the Finder.

Atticus
5175 Super 7 Utilities .... $65.

Turn files into easy access icons.

POWERBOOK RECOMMENDED

NEW!

Square One stores all of your favorite files in an easy to use icon palette. To access a file, just double click on its icon. To switch between running applications, just click the Active Applications palette once. No more time wasted rummaging through your hard drive, and no goofy hierarchical menus. Just point and click with Square One.

Binary Software O
5180 Square One .... $49.
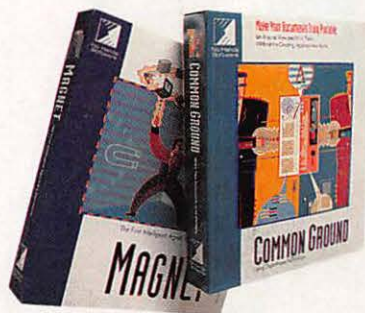
Two Macs never got along better!

Two utilities from No Hands Software help you communicate easily with other Mac users. **Common Ground** lets anyone view and print your documents even without the applications or fonts you used to create the files.
Text and graphics can be searched, copied, and pasted into other documents. Save in PICT or text format for further editing. The embeddable self-launching mini-viewer lets anyone view your document, even if they don't have Common Ground.
Magnet, the first intelligent agent for the Mac, automates any file-related task by creating agents to synchronize files between two Macs, back up files, or search the network for updated versions of files.

No Hands Software O
5899 Common Ground .... $124.
4860 Magnet .... $84.

NEW!

Your Mac Plus screen is shaking, jumping, or just blinking in and out. What to do? Take your Mac to a dealer and replace the entire power supply (for about $300). Buy a replacement from a repair services advertised in the back of a Mac magazine ($80-$150). Or buy a low-power soldering iron, some solder, and a book called *The Dead Mac Scrolls* (PeachPit Press, 5989, $19) for a total of about $30. With a few safety precautions and a little soldering technique, it's fixed. And you'll have a great book with lots of info not privy to many Mac "experts."
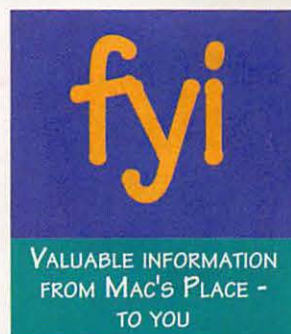
A system as fun as the Mac deserves better than a beep or clank. With **Kaboom!**, you get more than 150 wild and wacky sounds that play when you start up your Mac, insert a disk, empty the trash, and more. Traffic jams, telephone ringing, screams, and famous dialogue from "I Love Lucy," "The Twilight Zone," Ronald Reagan, and others. If you love your Mac, you'll love Kaboom!

Haawnk! Rrring! Eeeiii! Riiiickiii!

Nova Development Corp **O**.
4491 Kaboom! ....$28.

Retrieve It! quickly finds and displays any text on your hard disk, floppy, CD-ROM, or file server. It searches inside files and file names for any specified text string. Retrieve It! displays a Golden Retriever icon and searches in the background then barks when the hunt is over. Searches may be simple to complex with multiple qualifiers.

Find any text anywhere.

NEW!

Claris Clear Choice
5700 Retrieve It! ....$65.

Get over 1200 pages of tips, tricks, and shortcuts on all aspects of the Mac in the best selling Mac book ever, *The Macintosh Bible.* In the same well-organized and accessible style, the guides to FileMaker Pro 2.0 and MacDraw Pro are intended for users of all levels and give you thorough coverage of the programs.

Save on the best-selling Mac books from Peachpit.

NEW!

Peachpit Press
4985 The Macintosh Bible, 4th Ed. ....$19.
5982 The Macintosh Bible Guide to FileMaker Pro 2.0 . $14.
5983 The Macintosh Bible Guide to MacDraw Pro ......$14.

See the Product Listings beginning on page 67 under Books for more great products from Peachpit Press.

Eddy award winner **Star Trek The Screen Saver** prevents burn-in with over 15 displays of Tribbles, Captain Kirk, Spock, and more. It's a stand alone product and fully compatible with **After Dark's** more than 30 displays.

Beam out burn-in.

Berkeley Systems
5341 Star Trek The Screen Saver ... $35.
1232 After Dark ....$29.
3430 More After Dark.....................$24.
3523 After Dark/More After Dark . $39.

Jazz up your System 7 desktop with **Icon Gallery**, the Mac world's largest color icon collection. More than 850 itty-bitty icon masterpieces will add pizzazz and personality to your desktop – even documents. You don't have to be an artist, just select Get Info and then Paste. Also works great in grayscale.

Decorate your desktop.

NEW!

Component Software **O**
5519 Icon Gallery ....$38.

Mac'sPlace

Conquer old worlds and new.

With **Strategic Conquest 3.0**, you maneuver armies, planes, and boats to conquer every island and continent, taking on the computer or a friend. Explore and colonize the galaxy in **Spaceward Ho! 3.0**. Ally with or fight alien races. If you use your resources shrewdly, you'll conquer the galaxy.

Delta Tao Software ○
2891 Strategic Conquest 3.0 .... $37.
5906 Spaceward Ho! 3.0 .... $37.

Experience a universe of adventure and conquest.

You control every aspect of a star-spanning empire. Economy, research, defense, espionage, exploration, and diplomacy are your tools. With **Pax Imperia**, you determine the right path. Rule an expanding empire while you pursue diplomatic relations with other emperors in neighboring star systems. Go where no Mac has gone before!

Changeling Software
4992 Pax Imperia .... $34.

Diamonds is sparkling fun.

"The most addictive game since Crystal Quest." (Bob Levitus, *MacUser*) **Diamonds 2.0** is a challenging and entertaining game for all ages. Try to work your way through 30 levels of intense challenge and excitement. There's even a built-in editor so you can create your own fun levels. A 1992 Eddy award finalist for best game!

Varcon Systems
5162 Diamonds 2.0 .... $26.
5461 Jewelbox .... $26.
5462 Aces with Tens .... $26.

The Lemmings are coming!

Demonstrate your game-playing smarts and test your sanity by saving mobs of imperiled green-haired rodents from certain doom. Featuring 120 levels of original and intellectually challenging gameplay. *COMPUTE* magazine calls **Lemmings** "the most addictive, puzzling, and entertaining computer game released in the last five years." Winner of 21 international awards.

Psygnosis
5459 Lemmings .... $35.

Take part in breathtaking 3-D arcade action.

Spectre, hailed as one of the best arcade games ever, puts players into 3-D tanks to guard flags and annihilate smart enemy RobotCraft in a cyberpunk battle world. Landscapes and scenery burst across the screen in near-movie quality animation. **Spectre Supreme** cranks up the action level with all new enemies like slicers, smart acid pools, cloaked robots, flying hunter-killers and deadly orbiter gauntlets. Fight back with smart missiles, proximity mines, grenades, scattershots, and spinners. Need a breather? Duck through the transporter gates and experience negative cyberspace. QuickTime has been integrated for even more stunning visuals.

High-quality digitized sounds elevate the intensity in both versions.

Velocity Development Corp. ○
5951 Spectre Supreme .... $45.
3596 Spectre .... $38.

Now you can experience the colorful, high-flying thrill of an F-16 fighter. More than 12 missions put you into instant action. Engage in a dogfight with a MiG 29, while dodging anti-aircraft missiles. Then knock out enemy resources – factories, power plants, tanks, truck convoys. In full color.

Spectrum HoloByte **O**
5382 Falcon MC .... $42.

Battle in an F-16. ▶

NEW!

Bill Elliott's NASCAR Challenge captures the thrill of stock car racing and is co-designed by Elliott, a Winston Cup Champion. Bit map graphics and a scaling technique are combined to create great car detail as you race against a field of NASCAR's finest drivers. Features eight official, perfectly-scaled NASCAR tracks.

Konami **O**
5942 Bill Elliott's NASCAR Challenge .... $28.

Take the checkered flag. ▶

NEW!

You and your buddies go for a ride. Only it's WWII, it's a long way to Germany, and your ride is an M4 Sherman tank. Full color, sound, and voice commands give this authentic simulation a dramatic realism.

Deadly Games **O**
5360 M4 Tank Simulator (w/headphones, color) $34.
3895 Battle of Britain II(color) .... $34.
3894 BOMBER 2 (w/headphones) .... $31.

Experience WWII in an M4 Sherman tank. ▶

Hellcats is the most realistic flight simulator ever! In **Missions At Leyte Gulf**, you load your Hellcat with torpedoes, rockets, or bombs. Support a ground assault and neutralize enemy tanks and ground vehicles, or protect your fleet positions against sub attacks.

Graphic Simulations Corp.
4070 Hellcats Over the Pacific .... $39.
4998 Missions At Leyte Gulf .... $22.

Rule the skies. ▶

Greater game success ▶ is in your hands.

Get greater control and precision when playing games. **Mousestick II** is a joystick with programmable settings. Its five software-configured fire buttons and programmable stick control provide compatibility with virtually all Mac action games – even games with only keystroke control. The **Mac GamePad** is a combination hand-held video game control pad and table-top joystick. Its four software-configured fire buttons and directional controller provide compatibility with virtually all Mac games.

NEW!

Advanced Gravis **O**
5079 Mousestick II .... $65.
5172 Mac GamePad .... $34.

Mac'sPlace

You rack up points while these games rake in awards.

Glider 4.0 holds a place in the 1992 *Macworld* Game Hall of Fame with its weird obstacles – jumping goldfish, lighted candles, and paper shredders – through which you try to fly your paper glider. And all inside a 60-room, eerie old mansion! **More Glider** presents you with seven new, strange, and challenging houses.

Mission: Thunderbolt is also in the 1992 *Macworld* Game Hall of Fame. You seek out and capture the anti-matter bomb from hostile, anti-human aliens in this surrealistic world of choices and challenge.

FunBundle has three award-winning games in one package. Sky Shadow, Mission Starlight, and Crystal Quest with Critter Editor are hours of fun with something for everyone.

Pararena 2.0, award candidate for 1993, is from the author of Glider. Galactic opponents on air-hoverboards battle in an outer space arena with great sounds, great graphics, and great fun. And it's networkable so you can play against real-time opponents.

Casady & Greene ○

3883	FunBundle	$68.
3882	Glider 4.0	$34.
5372	More Glider	$20.
4346	Mission: Thunderbolt	$41.
5616	Pararena 2.0	$41.

See the Product Listings beginning on page 67 under Entertainment for more great products from Casady & Green.

CASADY & GREENE

◀ Grab your car wax and buff your bumpers.

CD-ROM ● PRODUCT

NEW!

Challenge your 3- to 7-year-olds with this entertaining interactive story. **Putt Putt Joins the Parade** has puzzles and activities to educate and please youngsters. Digitized voices bring characters to life. The parade takes different routes depending on a child's responses. Includes a 48-page Adventurer's Handbook with supplemental learning activities, but no reading is required to enjoy the fun.

Humongous Entertainment

6022	Putt Putt Joins the Parade	$32.
6164	Putt Putt Joins the Parade (CD-ROM)	$44.

◀ Only you can save the human race.

NEW!

Humanity has been destroyed by a deadly plague and you are the only surviving human being in the whole universe. In your space capsule, you have genetic material and the biotechnical power to bring it to life. Manipulate DNA, conceive life, and watch cells divide and grow in vivid animation. But beware of mutations. The fate of humanity is in your hands.

ISM, Inc.

5460	G-Netix	$35.

◀ This story line is as sophisticated as any feature film.

Take a ride through time – from the prehistoric past to future worlds in this incredible 3-D interactive adventure game. **The Journeyman Project** features an original soundtrack and more than 30 minutes of QuickTime video. As a member of the elite Temporal Electorate, your sole purpose is to safeguard history from sabotage. Requires 8MB of RAM and a CD-ROM drive.

Presto Studios

6033	The Journeyman Project	$62.

NEW!

CD-ROM ● PRODUCT
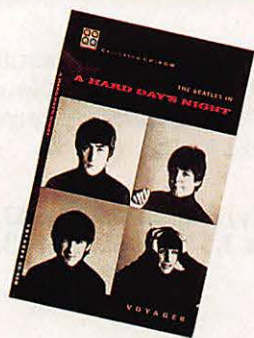
Hard Day's Night

Enjoy video and soundtrack from the Beatles' 1964 comedy converted to QuickTime. Soundtrack includes "All My Lovin'," "Can't Buy Me Love," and "Hard Day's Night."

Voyager
5442 .... $24.

Sailing Master

Don your sailing cap and deck shoes as you race against your Mac and learn how to sail without getting wet.

Starboard Software
5318 .... $42.
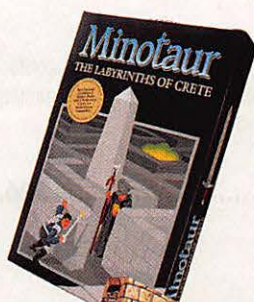
Minotaur 1.0 (2-pak)

The Labyrinths of Crete holds weapons and spells to battle your friends or other human opponents via modem, AppleTalk, or serial cable.

Bungie Software
5007 .... $45.

Warlords

Defend your castle in a fight to the finish against ruthless opponents and armies that range from conventional infantry to dragons. Up to 8 players.

Strategic Studies Group
3933 .... $38.
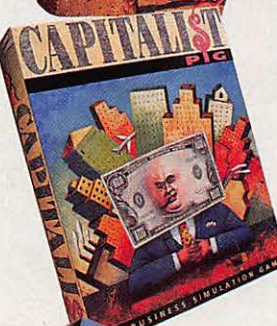
Capitalist Pig

The must-have game of the year! Battle for billions or bankruptcy as you build and run your own business.

Pluma Software
4640 .... $34.
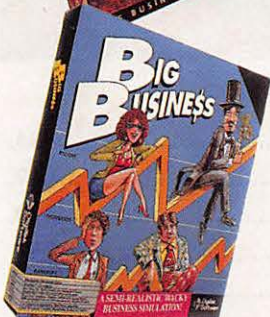
Big Business

Up to 3 players compete to create the greatest net worth. Run a business, initiate takeovers, start lawsuits. Power tie not required.

DigiTek Software
5257 .... $24.

Jam Session

Now in color! You provide the solo and jam along with the band. No external hardware is required.

Bogas Productions **O**
5621 .... $34.

Hole-in-One Miniature Golf

Play 90 holes of 3D excitement on five different courses against up to three other players.

DigiTek Software
4250 .... $24.

Hell Cab

Take a ride with Raul in this interactive adventure through New York and the past. 3-D graphics, sound effects, and music make it worth the fare.

Warner New Media
5961 .... $68.

Lottery Tracker & Wheeler

This is the most comprehensive lottery software package for Pick-5, Pick-6, Pick-7, and Powerball lotto games. Track past winning numbers and dates.

Triad Publishing, Ltd.
4578 .... $29.
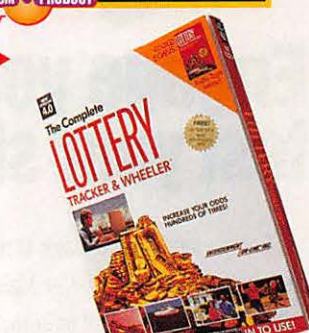
Surgeon 3, The Brain

It doesn't take a brain surgeon to know you'll love the challenge of diagnosing and operating in this intense, realistic glimpse at brain surgery.

ISM
4326 .... $32.
4377 B&W version ..... $28.
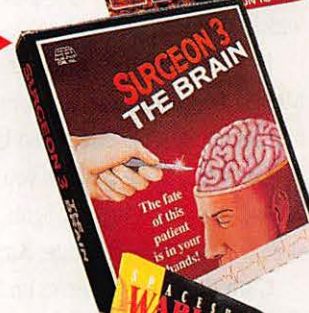
Spaceship Warlock

An award-winning game! Embark on an interactive science fiction epic aboard a pirate vessel.

Reactor, Inc.
5100 .... $58.

Mac'sPlace

◀ A game that will live in infamy!

MICROSOFT WINDOWS COMPATIBLE

NEW!

Seek out and destroy enemy carriers, fleets, and air forces as you re-enact six crucial carrier battles from World War II. Pearl Harbor, the Coral Sea, Midway, the Eastern Solomons, Santa Cruz, and the Philippine Sea are vividly brought back to life with superb graphics and exciting animation.

Strategic Studies
6029 Carriers at War (color only) ....$43.
6030 Carriers at War (Windows 3.5") ....$43.

◀ The ultimate minefield game!

NEW!

You'll need logic and a lightning-fast mind as you race to uncover the mines in each of **Super Mines'** intriguing and colorful minefields. If you've enjoyed playing Minesweeper, Mines, or Bombs, you'll be amazed and confounded by Super Mines. Quality sound and graphics combine to make Super Mines fun, challenging, and addictive.

Callisto ○
5686 Super Mines..$31.
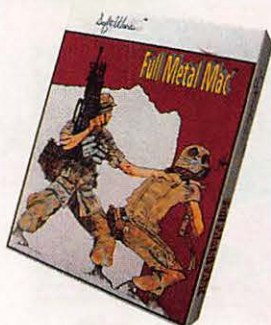
◀ We're looking for a few good players.

Take on the role of a combat infantry officer in **Full Metal Mac**, a conflict simulation game. Play through sweat, fear, chaos, pressure, and unpredictability of small arms infantry combat. One or two players.

Soft Wars
4528 Full Metal Mac ....$26.

Engage your emotions, try your luck, and test your skill.

Enter a land where magic is real in **The Legend of Kyrandia** and pursue the elusive jester Malcolm. This thrilling fantasy adventure has dozens of animated characters and objects with which to interact.

In **Vengeance of Excalibur**, you seek the Shadowmaster. Morgan Le Fay unleashed his evil and now you must find and stop him before his spells sicken and kill all of Britain.

Caesars Palace beckons you into a land of bustling card tables, jingling coins, and dazzling lights. Be a high roller and try your luck at Blackjack, Poker, Roulette, Baccarat, or the Slot Machines.

Club Racquetball serves up fun with 256-color graphics and digitized sound. Dive for returns and send off shots to the walls. Choose from four different opponents and three difficulty levels.

Scrabble Deluxe outshines all earlier versions. It features nine skill levels, an anagram option showing word possibilities, and the expandable Scrabble Player's Dictionary of 100,000 words.

NEW!

See the Product Listings beginning on page 67 under Entertainment for more great products from Virgin Games.
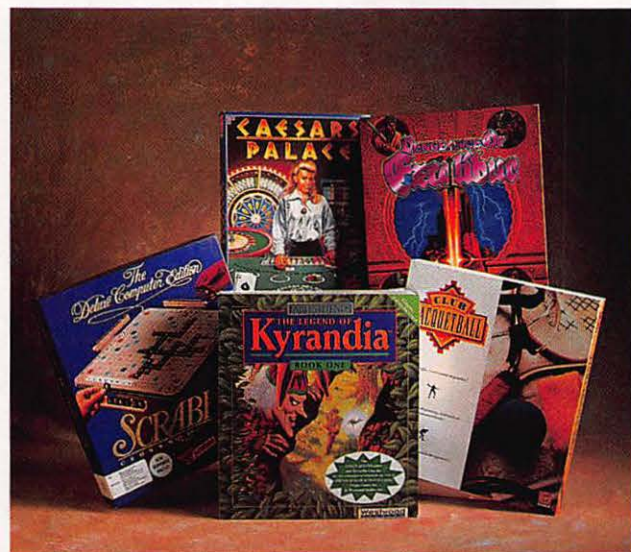
Virgin Games
6165 The Legend of Kyrandia ....$34.
5520 Caesars Palace ....$19.
5521 Club Racquetball..............................$19.
4984 Vengeance of Excalibur ....$31.
4000 Scrabble Deluxe ....$31.

Your children ages 4 to 8 will love learning with **Stickybear**. Four activities created by educational experts use clear speech, pictures, text, music, sound effects, and colorful, animated graphics to teach English and Spanish. You can change between the two languages at any time, so children can learn one or both languages while having fun.

Optimum Resource, Inc.
Stickybear's Reading Room
4877 .... $34.

Kids like reading with Stickybear. ▶

New **Math Blaster Plus**, the world's best-selling math program, takes children through a space odyssey of activities to learn math and problem-solving skills. Ages 6 to 12.
Kid Works 2 lets children create and hear their very own illustrated stories. A word processor, paint program, and text-to-speech technology combine for hours of fun. Ages 4 to 10.

Davidson & Associates, Inc. ○
3390 **Math Blaster Plus** .... $34.
5149 **Kid Works 2** .... $34.

Combine learning with fun to get results. ▶

KidDesk was designed by early childhood experts to give kids creative control over their computing environment – without putting yours at risk. Parents select which programs appear on KidDesk. No reading or computer skills are required. Also designed by early childhood experts, **Millie's Math House** gives children ages 2 to 6 the building blocks for a solid foundation in math.

Edmark ○
5182 **KidDesk** .... $26.
5183 **Millie's Math House** .... $31.

Home computing for the whole family. ▶

Based on the popular dictionaries, the **Berlitz Interpreter** provides quick and accurate translations for business people, travelers, students – anyone who encounters foreign words in correspondence, literature, or language studies. This word-for-word translation program allows you to instantly translate individual words between five major languages simultaneously: English, Spanish, French, German, and Italian.

Microlytics ○
5231 **Berlitz Interpreter** .... $35.

Instantly translate words in five languages. ▶
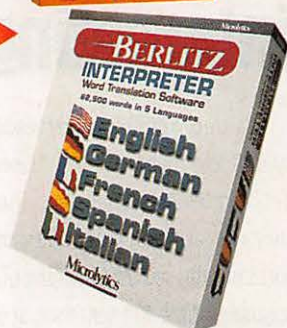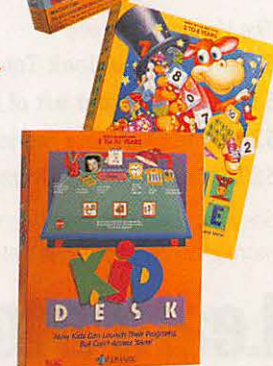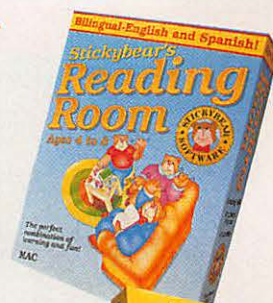
Give young readers and writers the latest learning tools.

Children discover a world of sights, sounds, and word meanings on a fantasy railroad trip in **Reader Rabbit 2**. This program helps motivate first- and second-grade children to read on their own, and develops skills in word building, vowel sounds, word concepts, and early dictionary use. Graphics, animation, and sounds captivate young readers through four carefully sequenced games. For ages 5 to 8.

Create high-impact output with **The Writing Center**. It's specifically designed to meet the writing and publishing needs of students, families, and social groups. Rich word-processing capabilities matched with powerful page layout and over 200 color pictures give A+ results. It's perfect for students' school reports. For ages 7 to adult.

The Learning Company ○
1719 **Reader Rabbit 1 (For ages 3 to 6)** .... $35.
5569 **Reader Rabbit 2 (For ages 5 to 8)** .... $35.
3974 **The Writing Center (7 to Adult)** .... $50.

Mac'sPlace

Reading has never been like this.

Now you can read on your PowerBook or a desktop Mac. **Voyager's Expanded Books** have received rave reviews in the international press. They retain the look and features of traditional books while including features that enhance and enliven your reading. Turn and dog-ear electronic pages, make margin notes, copy passages to a word processor, search for a particular word, and more.

The **Expanded Book Toolkit** lets you publish your own electronic book. It's the same tool Voyager uses to create its books. Transform text files into an electronic book; define dynamic links; and add sound, pictures, and even video.

Voyager's series of books includes *Zen and the Art of Motorcycle Maintenance*, *Lila*, *The Complete Stories, Vol. 1* by Isaac Asimov; and *The Picture of Dorian Gray*.

The Voyager Company

5272 Expanded Book Toolkit .... $198.
5271 Lila/Zen and Art of Motorcycle Maintenance .... $17.
5269 The Complete Stories, Vol. 1 by Isaac Asimov .. $17.
5270 The Picture of Dorian Gray .... $17.

See the Product Listings beginning on page 67 under Education for more great products from Voyager.

POWERBOOK RECOMMENDED
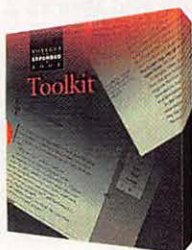
Learn a foreign language by reading interesting literature.

It's true. You'll learn by reading and understanding rather than by drill and memorization. "Does it work? Yes," writes Associated Press. Just place your cursor on any text you don't understand and you instantly see the meaning of the word, the meaning of the full sentence, special phrases, grammar, and more. So you just glance at the help you need, and keep on reading. You read real literature that grabs and holds your interest, all in the original French, German, Spanish, Italian, or Latin. You also hear the stories on the included audio cassettes.

MacUser says, "**Transparent Language** has revolutionized computer-based language learning." And *Macworld* gives Transparent Language four stars saying, "this is a superb tool for bolstering language skills through reading." This special package contains Transparent Language software, three great stories in the language of your choice, and all the stories are on audio cassette.

MacUser
Magazine
♟♟♟♟♟
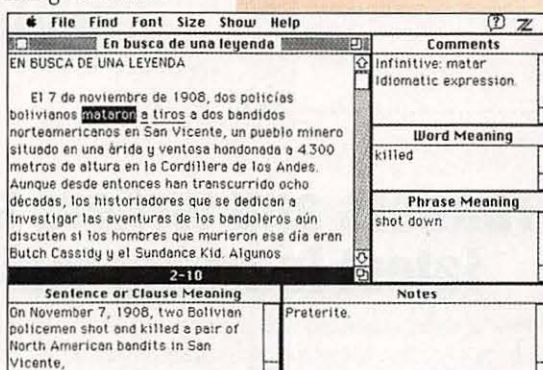
Transparent Language ○

4865 Transparent Language French .... $88.
4866 Transparent Language German .... $88.
4864 Transparent Language Spanish .... $88.
5703 Transparent Language Italian .... $88.
4867 Transparent Language Latin .... $88.

Stunning graphic animation and digitized human voice combine to teach basic reading skills in two languages to youngsters ages 3 to 8. The bundle **David the Dinosaur/Can a Dinosaur?** is available in English/Spanish and English/French. Each storybook includes the software, an animated dictionary, a quiz, and the ability to print pages to create a child's own story or coloring book.

ISM, Inc.
5115 David the Dinosaur/Can a Dinosaur?
     (English/Spanish) Color .... **$32.**
5113 David the Dinosaur/Can a Dinosaur?
     (English/French) Color .... **$32.**

Young children can learn languages quickly.

Kids can join in five fun activities as they learn and practice math, geography, reading, coloring, and Flying Aces games. Real voice narration, zany sounds, and the appearance of Charles Schulz' much-loved characters make this a program popular with kids of all ages. Increasing levels of difficulty keep games challenging but not difficult.

Image Smith
5911 Yearn 2 Learn, PEANUTS .... **$39.**

Match wits with Snoopy and the Peanuts Gang.

NEW!

If you have important business or personal files on your machine, you may be a little edgy about your kids using it too. Consider one of the new simplified desktops.

Both At Ease from Apple and KidDesk from Edmark solve the problem. You choose which applications appear on the new desktop and kids can't

access any other files (or throw them away!). Tragedy is prevented and your kids will benefit from some computing independence.

fyi

VALUABLE INFORMATION FROM MAC'S PLACE — TO YOU.
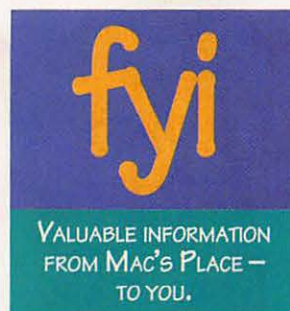
Learn programs the easy way.

Videos let you see each technique on the Mac screen. **MacAcademy** videos have no blurry screens, no paid actors reading scripts, and no frills. Each features one of their top trainers recreating the classroom atmosphere and teaching you a program from start to finish. *Macworld* readers chose MacAcademy as the top trainer in the nation in 1992. There's a video for nearly every popular program. And compare these videos with other training options – you can't beat the price.

MacAcademy O
5734 Excel 4.0 Video #1 .... **$32.**
5737 FileMaker Pro 2.0 Video #1 .... **$32.**
5738 Macintosh System 7 Video #1 .... **$32.**
5739 Macintosh System 7 Video #2 .... **$32.**
5742 Microsoft Word 5.1 Video #1 .... **$32.**
5741 MacroMind Director Video #1 .... **$32.**
5735 PageMaker 5.0 Video #1 .... **$32.**
5743 PhotoShop 2.0 Video #1 .... **$32.**
5736 QuarkXPress 3.1 Video #1 .... **$32.**
5740 Quicken Video #1 .... **$32.**
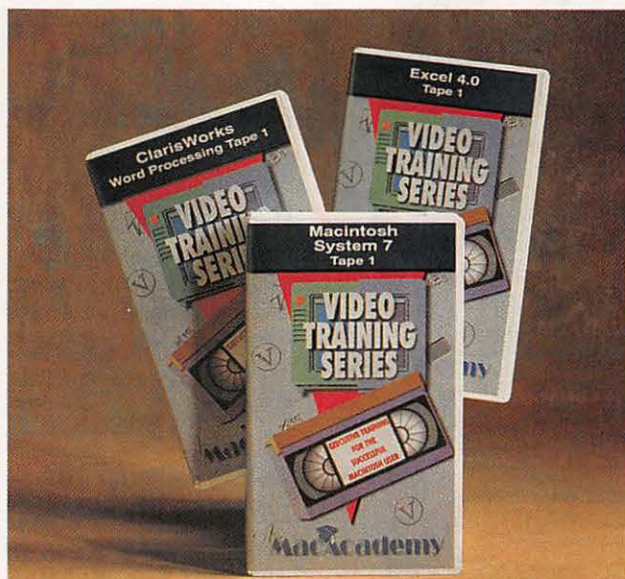
NEW!

See the Product Listings beginning on page 67 under Education for more great products from MacAcademy.

Mac'sPlace
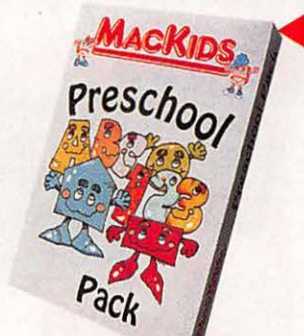
MacKids Preschool Pack

Six activities use speech and color graphics to teach preschoolers basic skills. They'll learn letter, number, and shape recognition; memory skills; and counting.

Nordic Software O
1964 .... $35.
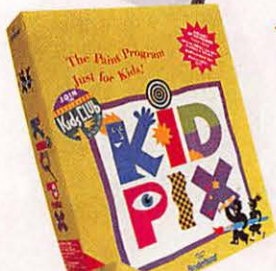
Kid Pix 1.2

This paint program is as creative as your kids. Connect the dots or paint a masterpiece. Sounds, special effects, and fun features keep kids entertained.

Broderbund
3603 .... $34.

Kid Pix Companion

Enjoy **Kid Pix** more with pages of outlines to color, 112 rubber stamps, 19 hidden pictures, and a Slide Show feature that lets you show a series of drawings.

Broderbund
4622 .... $24.
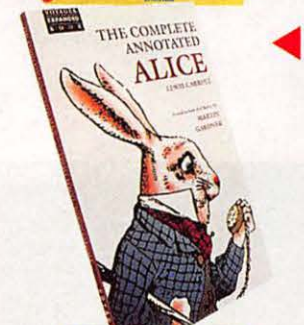
The Complete Annotated Alice

Lewis Carroll's classics come alive with this electronic book that lets you type notes in the margins and search for specific passages.

Voyager
5418 .... $17.

DaisyQuest

Children learn pre-reading skills in this interactive fantasy adventure. A wizard with digitized speech helps them search for a delightful dragon.

GreatWave Software O
5850 .... $35.

Scary Poems for Rotten Kids

Help children ages 7+ read and learn with the music, sound effects, and real voice narrations in this CD-ROM book.

Discis
4838 .... $42.

Fun Physics

Create an unlimited number of experiments on this animated drawing board. It turns your Mac into a new educational medium.

Knowledge Revolution
4580 .... $74.

Algebra I Homework Tutor

"The best algebra tutorial program I have seen." (*Macworld*, 4-91) This program can generate problems or take problems from a student's text book.

Missing Link Software O
5150 .... $49.
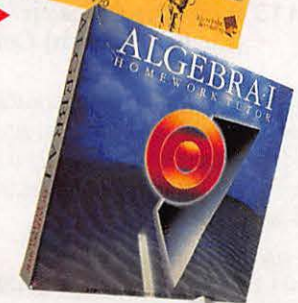
SAT Personal Trainer

Six individualized training programs strengthen weaknesses and raise scores on the infamous SAT. A free 360-page book, *How to Take the SAT*, is included.

Davidson & Associates O
3607 .... $36.

Mavis Beacon Teaches Typing 2.0

Now in color! Customized lessons based on your progress will get your fingers flying. Includes a new 10-key teaching mode.

The Software Toolworks
5954 .... $32.
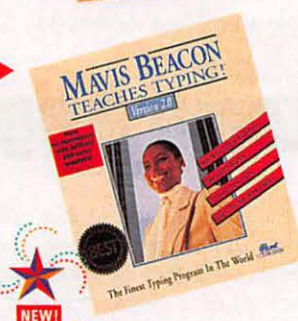
Super Solvers Spellbound!

The Master of Mischief challenges you to the ultimate spelling bee. Includes three challenging spelling games and five levels of action.

The Learning Company O
4869 .... $35.

Reunion

Document, store, display, and print genealogical information easily and graphically. Print charts, birthday calendars, mailing lists, and more.

Leister Productions O
5473 .... $115.
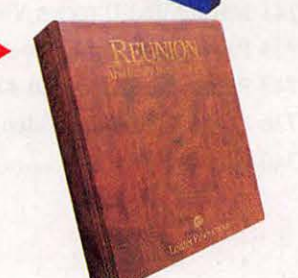
Practica Musica is a patient electronic tutor for music theory and ear training. One of *MacUser's* "Best 200 products of 1989," it teaches you how to recognize and write intervals, chords, melody, and rhythm. It can identify chords you play and generate its own short tunes for ear training. Plays realistic sound through a Mac speaker (also MIDI compatible) and includes textbook. Great fun!

Ars Nova **○**
1209 Practica Musica..............$68.

Learn music theory the fun way. ►

MusicTime is the fast, fun way to compose, play, record, and print your own sheet music. Enter music live or one note at a time from your MIDI keyboard, or with your mouse, and see it displayed immediately in standard music notation. Then hear your composition being played back through MIDI instruments.

Passport Designs **○**
4831 MusicTime ....$164.
See the Product Listings beginning on page 67 under Music for more great products from Passport Designs.

Be your own Mozart. ►

This is the best package to get novices started making music on a Mac. The **EZ Music Starter Kit** includes Band In A Box, the automatic accompaniment program; EZ Vision, a music composition tool; a MIDI Translator interface; the Book of MIDI; and FREE Performing Arts Network membership. The only other requirements are a MIDI synthesizer and your Mac!

Opcode Systems
3534 EZ Music Starter Kit........................$178.

Make sweet music on your Mac. ►

With **Super Studio Session**, you compose songs with up to eight tracks of music and play them using only your Mac's built-in speaker. No external MIDI hardware is required! Select any combination of the 95 digitally sampled instruments for realistic sound. Enter notes and rests easily with a mouse. An extensive phrase library and 22 original songs get you started.

Bogas Productions **○**
5620 Super Studio Session ....$64.

Compose and play eight tracks with only your Mac. ►

Performer is the sequencer of choice for professional musicians. Do real-time editing in event list, graphic, and musical notation windows with full SMPTE support. Use automated sliders for mixing volume and pan. **Mosaic** is a professional music notation publishing program. Click and drag notes, dynamics, and symbols, and use MIDI for real- and step-time entry of your music.

Mark of the Unicorn **○**
5412 Performer ....$374.
5416 Mosaic ....$448.
5417 Midi Time Piece II ....$448.

Compose and publish at professional quality. ►

Songworks not only prints your songs, it helps you to compose them. Play a tune on the computer keys or a MIDI keyboard and watch Songworks handle the notation. It can suggest chords, generate tune ideas, and transpose, play, and print your song with melody, chord symbols, and lyrics.

Ars Nova **○**
5153 Songworks ....$68.

Compose music the easy way. ►

NEW!

Mac'sPlace

"A significant advance to the category of input devices."
1992 Industrial Design Annual Review
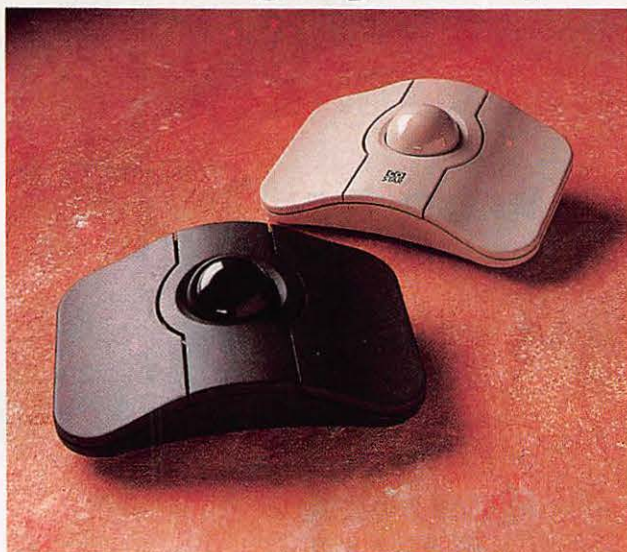
CoStar ○
5959 Stingray Trackball 2.0 (platinum) .... **$88.**
5960 Stingray Trackball 2.0 (stealth black) .... **$88.**

You don't use a cue stick when working on your Mac, so why have a trackball that gives you a billiard ball?

Stingray Trackball 2.0 was carefully designed to work with your hand. Its low profile offers a natural position, reducing strain on the hand, wrist, and forearm. The ball is 75% smaller and lighter. And the jumbo size buttons mean no matter where your hand rests on the Stingray, it's resting on a button.

Stingray uses the same mechanism found in the PowerBooks. It has 200 CPI resolution, ultra smooth tracking, and automatic acceleration. And it is designed to maintain its precision for 300 miles of use. A simple slide switch underneath lets you set each of the Stingray's buttons for regular click or click-lock.

Limited lifetime warranty. Winner of the Gold Award from the 1992 I.D. Design Review. Two great colors – platinum and stealth black.
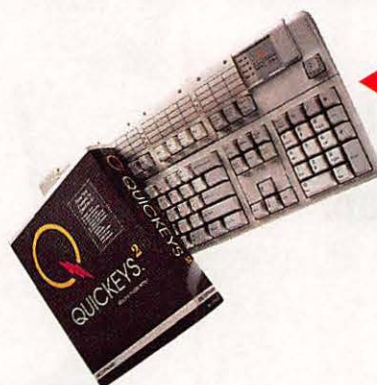
◀ This keyboard's just your type.

Reduce mistakes and type faster with the **Mac 101e keyboard**. It's ergonomically designed and works on all Macs, including the Mac Plus. Get a keypad, an extended 105-key layout, 15 function keys, and the ability to define macros. Then automate your keyboard with **QuicKeys**. Few programs do more to save you time.

DataDesk ○
3599 Mac 101e Keyboard with QuicKeys .... **$149.**
3320 Mac 101e Keyboard .... **$129.**

◀ Outfit your office with the right equipment.

Organize disks in three-ring binders with **Disk Page**. Each holds 12 disks and includes snap-on hooks if you'd rather hang them in a file drawer. The **Diskette Storage Tray** stores up to 80 diskettes on your desktop, safe from dust and damage. The **Elite Line Surge Protector** gives you unequaled quality and maximum protection. Get six outlets, a phone jack, and an LED status indicator. The **1-Line Plus** is a line-sharing device that answers and electronically routes your fax, phone, and modem traffic. The **View-Clip Copyholder** attaches to either side of your monitor to keep documents within easy viewing.

ACCO, USA
1027 Disk Page/10 pages (holds 120) .... **$35.**
4953 Diskette Storage Tray (holds 80) .... **$14.**
4922 Elite Line Surge Protector (6 out. w/phone) .... **$47.**
4925 1-Line Plus Fax Switch .... **$105.**
4929 View-Clip Copyholder .... **$8.**

See our Product Listings beginning on page 67 under Accessories for more great products from ACCO.

Introducing the label printer that does it all.

Finally there's a label printer that handles all your labeling needs. **LabelWriter II Plus** prints more label sizes, and holds bigger label rolls, than any of its competitors.

This remarkable printer comes with easy-to-use software that lets you print labels at any time, without interrupting your main programs. You can combine text and graphics to produce custom labels. Print address labels with the POSTNET bar code for more accurate mail delivery. Or print entire mailing lists directly from your favorite programs – up to 350 labels in just 25 minutes. There's even a built-in bar code generator for printing inventory labels.

LabelWriter II Plus handles 1-1/8" x 3-1/2" labels in white, clear, or yellow, as well as 2-1/4"x 4," 3.5" disk, and videocassette labels. It is compatible with ATM and TrueType. An AppleTalk option is also available.

See our Product Listings beginning on page 67 under Accessories for more great products from CoStar.
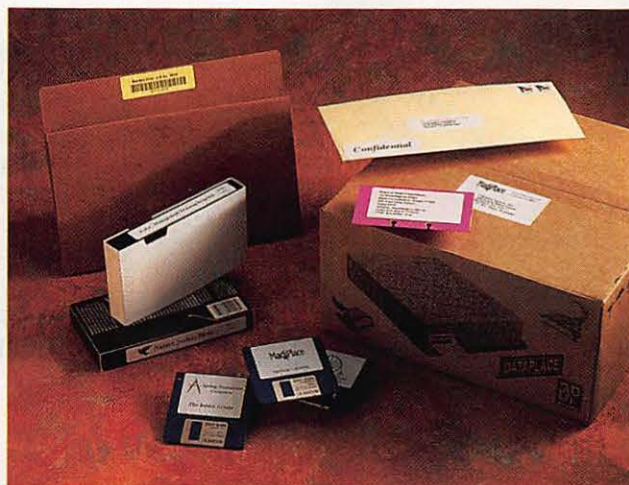
CoStar

3457 LabelWriter II Plus	**$248.**
3993 LabelWriter Address Labels (700 qty)	**$16.**
4623 LabelWriter Disk Labels (100 qty)	**$9.**
4621 LabelWriter Shipping Labels (300 qty)	**$19.**

Get superior data storage performance.

Sony's **Double- and High-Density 3.5" Floppy Disks** both feature full lifetime warranties and an exclusive magnetic particle formulation for unsurpassed performance.

The demand for compact, high-capacity, external mass storage is met by **DAT 4mm Data Cartridges**. The super-stable metal tape, cartridge, and hard case maximize performance, and it stores up to two gigabytes!

And the Sony **5.25" Rewritable Optical Disk** carries a 30-year warranty. Each and every sector of it is 100 percent tested, so your disk will perform perfectly when you need it. When you use a Sony **3.5" Rewritable Optical Disk**, you get superior performance and reliability because the disks are precisely tuned to perform across all 1800-3600 rpm ISO standard drives.

Please see the Product Listings beginning on page 67 under Storage for more great products from Sony.

Sony ○

5612 Double-Density Color 10 Pack	**$10.**
3090 High-Density 10 Pack	**$15.**
3331 High-Density Bulk 50 Pack	**$58.**
3687 DAT 4mm DG 90m 2GB	**$22.**
4474 5.25" MO Rewritable 650MB	**$118.**
4478 3.5" MO Rewritable 128MB	**$58.**

SONY®

SONY RECORDING MEDIA™

Mac'sPlace

◀ A to Z, Key Tronic keyboards cover it all.

These keyboards from Key Tronic combine quality, productivity, and innovative design. The **MacPro Plus** features a 105-key layout based on the Apple Extended Keyboard. The 101-key **TrakPro** gives you point-and-click convenience by integrating a trackball onto the keyboard.

The TrakPro includes custom Speed Key software that lets you assign custom functions to seven keys, including four on the trackball.

Both keyboards also feature a Custom Key Feel Kit to let you personalize the keyboard response, a limited lifetime warranty, interchangeable Control and Caps Lock keys, and a Comma-Period Lock that makes typing capital letters with periods and commas a snap. And you'll find the Control, Option, and Command keys on both sides of the spacebar.

Key Tronic ○
3129 MacPro Plus ....$124.
3600 TrakPro ....$218.

◀ Type long hours without wrist fatigue.

Put the **WristSaver** in front of your keyboard and work in greater comfort than ever before! The ergonomically designed contoured pad supports your wrists in the proper position, and daily use can reduce the risk of painful carpal tunnel syndrome. Use with the **Table-Xtender** in areas where there is not enough room in front of your keyboard for the WristSaver.

The **WristSaver MousePad** provides the same comfortable rest for your wrist, plus a conventional mouse pad. Simple finger movements replace sliding the entire arm or hand.
The **WristSaver Mini-MousePad** measures only 5"W x 8.5"L and works very well in a crowded work area.

L B Innovators, Inc.
WristSaver ....$12.*
WristSaver Mouse Pad ....$12.*
WristSaver Mini-Mouse Pad ....$10.
4087 Table Xtender ....$14.*

*Buy any two and save $4; any three and save $6!

Please see Product Listings starting on page 67 under Accessories for colors and item numbers.

◀ We've got your number.

Get the speed and convenience of automatic telephone dialing, right from your Mac. Highlight a number, press a key, and **Desktop Dialer** takes over. It works with virtually every application. One- or two-line analog system, pulse and tone dialing – all are supported. If you keep your telephone directory in your Mac, Desktop Dialer will make you more efficient.

Sophisticated Circuits ○
5361 Desktop Dialer ....$48.

◀ Turn your PowerBook into a powerhouse.

The **PowerPad** 10-key pad turns your PowerBook or other Mac into a numeric powerhouse. Its ergonomic design lets you manage numbers and functions comfortably and accurately. You get a customizable key pad and a desk accessory that acts like a calculator's paper tape. A hard cover case and mere 8-ounce weight make transporting easy. Also available in platinum color.

Sophisticated Circuits ○
4993 PowerPad Granite ....$78.
4994 PowerPad Granite with QuicKeys 2.1 .....$118.

Travel in style. ▶

These PowerBook cases not only look good – they're functional, too. The **Notepac PowerBook Case** combines a carrying case, briefcase, and portfolio into a single portable system. Exterior and interior document pockets give plenty of space for paperwork. The **Universal PowerBook Case** features two individual padded compartments – one for a notebook computer, the other for a printer or accessories – and has pockets for pens, disks, etc. The **Premier Leather PowerBook Case** has full grain cowhide exterior and a leather handle. Along with a padded computer compartment, it has three fully-lined document sections and a zip-down workstation section for storing pens, diskettes, eyeglasses, business cards, etc.

Targus ○
5683 Notepac PowerBook Case ....$34.
5682 Universal PowerBook Case ....$68.
5684 Premier Leather PowerBook Case ....$138.

Keep your PowerBook running longer.

The **PowerBook Battery** runs 25 percent longer between charges than the original 140/170 PowerBook battery. And it's built better. A hard plastic cover keeps the plates from getting dirty and any poor contacts from short circuiting. The **PowerCharger** keeps your batteries from losing capacity like they can if they're not exercised over their full charge range. Charge a battery to 80 percent in 2.5 hours and to full capacity in 5 hours via either of the included adapters – power or auto lighter. A timer circuit prevents overcharging. The PowerBook Battery runs the PowerBook 140, 145, 160, 170, and 180, and the PowerCharger charges BTI and original PowerBook batteries for the same models. The **Start-Up Kit** includes both for only $138.

BTI
5196 PowerBook Battery ....$62.
5725 PowerCharger ....$94.
5726 PowerBook Start-Up Kit ....$138.

"The best case ▶ I have ever seen." *MacUser*

The **Power Pak 415** is a rugged equipment carry case that organizes like a briefcase and gives the extra room of a travel bag. It's designed for all PowerBooks and expands to 7 inches wide for carrying other essentials. A padded front pocket has 16 divisions to hold diskettes, a calculator, datebook, checkbook, pen, and other loose items. Stash a newspaper in the open rear pocket. A zippered rear pocket is convenient for airline tickets or a passport. Unzipping the bag doubles its capacity. A leather hand grip and wide firm shoulder strap help keep travel comfortable. Waterproofed and guaranteed for five years against everything but deliberate destruction.

Tenba
5589 Power Pak 415 Carrying Case ....$94.
6155 Power Pak 416 Carrying Case ....$104.

Mac'sPlace

Protect your PowerBook against theft.
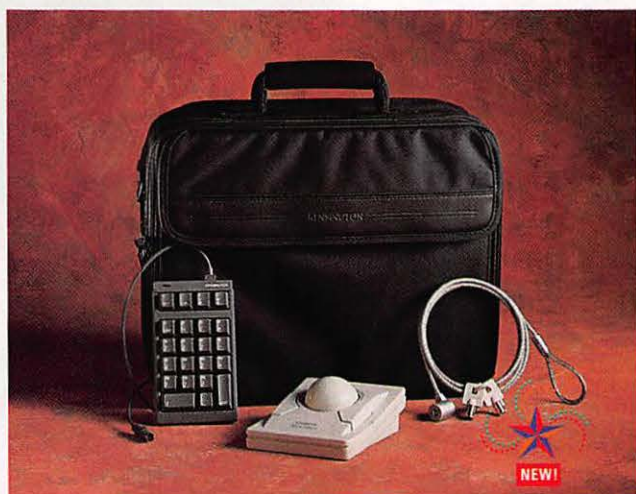
Kensington ○

5388 MicroSaver Security System	$42.
4692 Turbo Mouse 4.0	$108.
4345 NoteBook Keypad	$74.
5958 Notebook Keypad with Software	$98.
5390 Notebook Traveler Executive	$108.

MicroSaver discourages theft using the security slot built into your PowerBook. No adhesives or brackets are necessary – simply insert and wrap the 6-foot galvanized steel cable around any immovable object.

Get full keyboard performance with the Kensington **Notebook Keypad**. Compact and lightweight, its calculator-style layout makes data entry easier. Reduce keystrokes using 15 function keys. Adding Machine Software gives you all the functionality of a traditional adding machine on your Mac. Calculations appear on a paper tape display. Copy and paste the data, then print it in a multi-column format.

The **NoteBook Traveler Executive** carrying case accommodates all portable computing and travel accessories with three padded compartments, two large outer pockets, several utility pouches, and an accordion-style file storage compartment.

And when you return to the office and your desktop Mac, get smoother, superior cursor control with **Turbo Mouse 4.0**, the award-winning trackball with advanced acceleration and enhanced mouse button commands.

KENSINGTON.

◀ Access more peripherals.

With the **AXiON Switch**, you're no longer limited to the use of one peripheral per serial port on your Mac. It gives you the flexibility to have up to three serial port peripherals accessible through the control panel or pull-down menu. Now you won't have to disconnect and reconnect your modem and other peripherals when you need to switch devices.

AXiON

5174 AXiON Switch	$124.

◀ This cartridge family takes center stage.

Don't throw away inkjet cartridges that can be refilled. Two **JetFill refills** are the same price as a single new cartridge. One clean single step refills the ink reservoir in your existing cartridge. It's the economic and environmentally-conscious way to go!

JetFill, Inc.
JetFill Cartridges

5952 Black (HP 516008A)	$16.
5953 Black (StyleWriter/BJ 10E)	$16.
5984 Black (HP High Capacity)	$22.
5985 Black (HP 500C High Capacity)	$62.

◀ The intelligent way to make labels.

Create labels for envelopes, folders, Rolodex cards, and more with **Smart Label Printer Plus**. No more hand- or type-written envelopes. Print personalized labels or mailing lists from your applications. The integrated software works as a desk accessory with WYSIWYG screens and background printing. Includes label printer, software, power supply, printer cable, and a roll of labels.

Seiko Instruments ○

5676 Smart Label Printer Plus	$138.

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We fully intend to remain headquartered on planet Earth. With that in mind, we're doing what we can to make sure the world is going to be around for awhile. That's why we use a grain-based starch, rather than Styrofoam, to protect your order during shipping. When you add water, you subtract the packing material.

OUI! ¡SÍ! JA!

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- Mail your order to 8461 154th NE, Redmond, WA 98052.
- For electronic orders, use Compuserve (76635,660), GEnie (MACSPLACE), or America Online (MacsPlace). Mac's Place uses CE Software's QuickMail to check our mail regularly.

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- Mac's Place is open from 6 a.m. to 10 p.m. M-F Pacific Standard Time, and 6 a.m. to 6 p.m. on Sat., 7 a.m. to 6 p.m. on Sun. (For you East Coasters, this means you can call us until 1 a.m. weekdays and still receive your in-stock item that morning!)

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- We must have the following information to process your order.
- For all orders: your day and evening phone numbers, fax number (if available), full shipping address, type of Mac you own (so we can make sure your purchase is compatible with your system), what prompted your order (magazine ad, catalog, friend, etc.).
- For credit card orders: full credit card number and expiration date, name as it appears on card, address where you receive your credit card bill.
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- No sales tax (except WA residents add 8.2%, OH residents add 6% to total, including shipping.)

PAYMENT OPTIONS
- VISA, MasterCard, American Express, OPTIMA , and Discover Card gladly accepted.
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- Most personal and company checks are approved quickly to ensure immediate shipment. For non-standard checks and checks over $1,000, allow ten working days for clearance. Returned checks are subject to a service charge of $15 dollars.
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- All products carry a 120-day limited warranty from Mac's Place.
- Defective software is replaced immediately with like items.
- Defective hardware items repaired or replaced at our discretion.
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But wait, there's more!

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it means that manufacturer provides a money back guarantee.
This listing ★ has lots more of the products we sell, but not all of them.
So if you still haven't found what you're looking for, ✆ just call 1-800-367-4222.
We'll be glad to help. We know these products like no one else.

BUSINESS

ACI
5646 4th Dimension 3.0 .... $598.

Advanced Software
5908 InTouch 2.0 .... $56.
5940 InTouch 2.0 Network 3-Pack .... $139.

AEC
4695 FastTrack Schedule .... $168.

After Hours Software
6009 DateBook Pro .... $78.
6010 TouchBASE Pro .... $78.
5941 TouchBASE-DateBook Pro Bundle .... $95.

Aldus O
4058 Persuasion .... $325.

Attain Corp. O
5660 In Control 2.0 .... $89.

Bananafish Software O
4740 ThoughtPattern 1.3 .... $94.

CheckMark Software O
5505 MultiLedger 3.0 .... $228.
5504 PayRoll 5.0 .... $174.

Chena Software
4625 Fair Witness 1.2 .... $185.

Claris
5067 Claris Works .... $195.
5900 Claris Works for Windows .... $94.
5057 FileMaker Pro 2.0 .... $265.
5556 FileMaker Pro 2.0 Upgrade- .... $88.
5058 FileMaker Pro-Comp Upgrade2.0 ...... $99.
5411 FileMaker Pro 2.0 for Windows .... $278.
5701 MacWrite Pro .... $169.
3542 HyperCard V2.1 .... $139.

Computer Associates
1336 ACCPAC Simply Accounting .... $132.

Contact Software O
4970 Act! For The Mac .... $249.
5273 Act! For Windows .... $249.

Coral Research
4902 TimeLog .... $62.

DeltaPoint O
5098 DeltaGraph Pro .... $198.

Helix Technologies
4931 Helix Express .... $298.

Inspiration Software O
5523 Inspiration 4.0 .... $174.

Intuit O
3601 Quicken 3.0 .... $40.

Konami
5965 Shortlist 1.1 .... $72.

Lotus O
4008 Lotus 123 .... $298.
4349 Lotus 123 Comp. Upgrade .... $98.

MECA Software O
5065 Managing Your Money .... $32.
5678 TaxCut 92 Final Edition .... $33.

Micro Planning Intl. O
3889 Micro Planner Manager .... $448.

Microlytics O
5711 Wordfinder Plus .... $39.

Microsoft O
4356 Excel 4.0 .... $294.

4357 Excel 4.0 Upgrade .... $94.
5838 Excel for Windows .... $294.
5645 Office 3.0 .... $478.
5688 Office 3.0 CD ROM .... $478.
5840 Office 3.0 for Windows .... $478.
5537 PowerPoint 3.0 .... $324.
5841 PowerPoint 3.0 for Windows .... $324.
5258 Project .3.0 .... $445.
5566 PowerPoint 3.0-Upgrade .... $98.
5842 Project 3.0 for Windows .... $478.
5567 Word 5.1 .... $294.
5571 Word 5.1 Upgrade .... $124.
5843 Word for Windows .... $308.
5068 Works 3.0 .... $158.
5071 Works 3.0 Upgrade .... $79.
5846 Works 2.0 for Windows .... $124.
5847 Works 2.0 for Windows Upgrade ...... $79.
5649 Microsoft Schedule 5-pack .... $138.
5651 Microsoft Schedule License Pack 20 user ...... $538.

Nolo Press O
4226 Nolo's Living Trust .... $45.
1958 Will Maker 4.0 .... $35.

Pantone
5914 Color UP .... $62.

Pastel Development O
5261 DayMaker 2.0 .... $78.
5263 DayMaker Network 5 Pak .... $328.
5264 DayMaker Network 10 Pak .... $568.

Peachtree Software O
4481 Accounting for Mac .... $78.
4907 Inside Accounting for Mac .... $298.

Portfolio Software O
5477 Dynodex 3.0 .... $49.
5493 Dynodex 3.0 Comp. Upgrade .... $38.
6002 Dynodex 3.0 Live Upgrade .... $28.
5905 DynoPage 2.0 .... $49.
DynoPaper
4438 6 Ring-White .... $12.
4441 7 Ring-Grey .... $12.

Prescience
4973 Expressionist 3.0 .... $118.

ProVUE Development O
3460 Panorama II .... $238.

SAS Institute Inc.
4576 JMP Statistical Visual. .... $598.

Shana Corporation O
2626 Informed Designer .... $158.
5943 Informed Foundation .... $334.

Software Ventures O
5484 MicroPhone Pro .... $208.

Strategic Mapping, Inc. O
5458 Atlas Pro .... $498.
5967 Local Expert .... $83.

Synergy Software O
4431 Versa Term V4.6 .... $88.

T/Maker O
5308 WriteNow Workshop Bun. .... $84.
6025 WriteNow Comp. Upgrade .... $39.

Teleware O
2751 M.Y.O.B. .... $139.

Timeslips O
4096 TimeSlips III V2.1 .... $192.
5110 LapTrack .... $52.

Virgin Software
6027 Entrepreneurs Guide To Business ..... $45.

Westware O
5223 Contact Ease 2.0 .... Call.

Wolfram Research Inc. O
4678 Mathematica Enhanc. .... $788.

WordPerfect Corp.
4111 WordPerfect 2.1 .... $278.
5691 WordPerfect Office 3.03 .... $98.
5692 LetterPerfect for Mac .... $94.
5926 WordPerfect Works .... $158.
5986 WordPerfect Works Comp. Upgrade ...... $98.

GRAPHICS SOFTWARE

Abracadata O
4749 Sprout! .... $39.
Design Your Own Home
4598 Architecture .... $48.

Adobe
5351 Dimensions .... $128.
3942 Illustrator 3.2 w/Dimensions .... $359.
5948 Photoshop 2.5 .... $548.
4990 Premier 2.0 .... $429.
4991 Premier 2.0 Upgrade .... $149.
5346 Streamline 2.2 .... $119.
5658 Type Set Valu Pack .... $39.
6044 Super ATM .... $98.
6045 Super ATM Upgrade .... $49.

Agfa Corp.
5539 AgfaType CD-ROM 3.1 Intro-Pack .... $60.

Aldus O
4035 Freehand 3.1 .... $394.
3586 Gallery Effects .... $128.
4771 IntelliDraw .... $198.
4024 Pagemaker 4.2 .... $495.
4324 Personal Press 2.0 .... $98.
3545 SuperPaint 3.0 .... $98.

Altsys O
4263 Fontographer 3.5 .... $258.
4563 EPS Exchange .... $98.

Andromeda Software
5161 Series 1 Photography Filters .... $79.
5950 Series 2 Three-D Filters .... $79.

Apple Computer
5248 Apple Font Pack .... $68.
4608 QuickTime Starter Kit .... $145.

Ares Software O
5673 FontMonger V1.5 .... $96.

Broderbund
1276 Print Shop .... $35.
3796 TypeStyler 2.0 .... $125.

Caere O
3837 Typist + Graphics .... $328.
4997 OmniPage Professional 2.1 .... $678.

Claris
4691 MacDraw Pro 1.5 .... $275.

Computer Associates O
5001 Cricket Graph III .... $128.
4218 Cricket Draw III .... $158.

Custom Applications
4556 Freedom of Press Lite .... $86.

Deneba O
3394 Canvas V3.0 .... $258.
5962 Deneba artWORKS .... $118.

DesignCAD, Inc.
5531 DesignCAD 2D/3D .... $158.

DiVA Corp O
4525 VideoShop .... $298.

ExperVision
5909 TypeReader 1.0 .... $388.

Fractal Design O
5656 Painter 2.0 .... $284.
5659 Painter 2.0 for Windows .... $284.
5052 Sketcher 1.0 .... $98.

Frame Technology
3410 FrameMaker .... $548.
5347 FrameMaker Comp. Upgrade .... $328.

Gryphon Software
5680 Morph .... $95.

HSC Software
5854 Kai's Power Tools .... $89.
5855 Kai's Power Tools-CD-ROM .... $124.

Macromedia
4354 MacroMind Direc. 3.1 .... $848.

Passport Designs
5383 Passport Producer .... $248.

PhotoDisc Inc. O
PhotoDisc CD-ROM
4183 Vol.I Business & Industry .... $288.
4484 Vol.II People & Lifestyles .... $288.
4485 Vol.III Backgrounds & Textures .... $214.
5342 Vol.IV Science Tech & Medicine ...... $288.
5640 Vol.V World Commerce & Travel .... $288.
5641 Vol.VI Nature & Wildlife .... $288.
5522 MultiMedia Sampler CD .... $37.

Pixar O
5123 Pixar Typestry .... $184.

Quark Incorporated
4006 XPress 3.1 .... $548.

Seattle Support Group
Vintage Photo CD
5944 Vol 1: Medley .... $88.
5945 Vol 2: Mosaic .... $88.
5946 Vol 3: All & Sundry .... $88.
5947 Vol 4: Melange .... $88.

Strata, Inc. O
4082 StrataVision 3D V2.5 .... $628.

T/Maker O
ClickArt
4424 Color Graphics-Presentations .... $84.
5000 Artistry & Borders .... $74.
2725 Business Cartoons .... $34.
2275 Business Images .... $38.
4421 Events & Holiday Cartoons .... $34.
4422 Newsletter Cartoons .... $34.
2272 Personal Graphics .... $34.
4423 Publications .... $34.
4419 EPS Animals & Nature .... $74.
2744 EPS Business Art .... $74.
2276 EPS Illustrations .... $74.
4418 EPS Sports & Games .... $74.
4420 EPS Symbols & Industry .... $74.

Video Fusion
5165 VideoFusion .... $448.

Virtus
3969 WalkThrough .... $298.

GRAPHICS HARDWARE

Vividus
4205 Cinemation .... $362.

Artix Technologies
4853 Tamarack 8000C w/PhotoShop .... $1498.

CalComp
5665 DrawingPad w/ Pressure Tip Pen ... $248.

E-Machines○
5353 Powerlink .... $688.
5352 Powerbook Presenter .... $488.
Color Interface Cards
3724 Futura SX .... $498.

Lapis Technologies Inc○
5633 ProColorServer 8•16 PDS/30 ...... $368.
6026 L-TV .... $298.
ProColorServer 8
5628 NuBus .... $298.
5636 LC (Performa 400) PDS .... $298.
5632 PDS/30 .... $298.
ProColorServer 8•16
5629 NuBus .... $378.
5637 LC (Performa 400) PDS .... $378.
5633 PDS/30 .... $378.
ProColorServer 24
5630 NuBus .... $458.
5638 LC (Performa 400) PDS .... $458.
5634 PDS/30 .... $458.
ProColorServer 24X
5631 NuBus $538.
5639 LC (Performa 400) PDS .... $538.
5635 PDS/30 .... $538.
Monitors
4700 Dual Page - Mono .... $698.
4698 Full Page Monochrome .... $378.

Logitech ○
4983 FotoMan .... $638.

Microtek
5238 ScanMaker II .... $398.
5239 ScanMaker IIxe .... $1239.
6018 Transparency Attach. .... Call.
6017 Automatic Document Feeder .... $511.

NEC
5918 Mac FG 24Xp Color Display Interface . $498.
3838 3FGx 15" Color Monitor .... $694.
3839 4FG 15" Color Monitor .... $794.
5919 Multisync 5FG 17" Color Monitor .. $1398.

Newer Technology
5715 VSO(Quadra 700/900) .... $298.
Image Magic
5465 Quadra/PDS .... $756.

Radius
6041 VideoVision .... $1798.
6040 VideoVision w/Action & Premiere 2.0 . $2148.
5663 VideoVision w/Action & Videoshop ...... $1998.
Monitors
5896 Precision Color Pivot .... $988.
4797 Two Page Display/21 Mono .... $1198.
PowerBook Video Adapters
4798 PowerView .... $498.
Video Cards
4803 Color Pivot II Interface .... $498.
4791 PrecisionColor 8XJ .... $498.
4794 PrecisionColor 24XP .... $498.
4795 PrecisionColor 24XK .... $798.

Seiko Instruments○
3826 CM 1445 14" Trinitron .... $498.
5675 CM 1760LR 17" Trinitron .... $1149.

SuperMac○
5011 ThunderStorm .... $858.
24 Bit Display Cards
5907 Spectrum/24 Series IV .... $828.
5094 Spectrum/24 PDQ Plus .... $1545.
Monochrome/Greyscale Monitors
4169 Plat. 21" 2-Page .... $993.
SuperMatch Color Monitors
4167 17" Multimode Color .... $998.
5205 17-T Color .... $1098.
4168 20" Color .... $1498.
5101 20-T Color .... $2548.
5542 21" Two Page Display .... $2498.
4154 Display Calibrator .... $498.
Video Capture/Multimedia
4148 Spigot & Sound NuBus .... $478.
4145 VideoSpigot LC .... $248.
4143 VideoSpigot NuBus .... $372.
4144 VideoSpigot si .... $328.

UMAX Technologies Inc.
6021 Scan Office-B&W Scan. .... $918.
5516 UC 840 Flatbed .... $1498.

Wacom○
5355 ArtZ ADB 6X8 Tablet .... $328.
12X12 Digitizers w/Cordless Stylus
3031 Electro Static Firm .... $698.
3032 Electro Static Soft .... $798.
3030 Standard Firm .... $698.
3029 Standard Soft .... $698.
Extra Styluses
4043 Pressure Sensitive Stylus-Soft/Cordless .... $98.

CD-ROM

Bureau of Electronic Publishing
5695 Multimedia World Fact Bk .... $38.
5694 Great Literature .... $74.
5693 Monarch Notes .... $74.
5696 U.S. History .... $298.
5697 Countries-World Encyclopedia .... $298.

Metatec/Discovery○
Nautilus
5103 Mini Subscription Kit .... $20.
5929 for Windows .... $20.
3956 BackPac Vol. 1 .... $44.
4108 BackPac Vol. 2 .... $44.
4857 BackPac Vol. 3 .... $44.
5930 BackPac Vol. 1-Windows .... $44.

NEC
5922 CD Express .... $428.

Texel
5768 CD-ROM Drive - DM5024 .... $659.

Voyager Company,
4862 A Silly Noisy House .... $46.
5437 Baseball's Greatest Hits .... $60.
5438 Comic Book Confidential .... $22.
5440 Criterion Goes to the Movies .... $19.
5442 Hard Day's Night (The Beatles) ... $24.
5443 I Photograph to Remember .... $30.
5444 Last Chance to See .... $45.
5445 Poetry in Motion .... $22.
5446 Rodney's Wonder Window .... $30.
5447 To New Horizons .... $22.
5448 You Can't Get There From Here ... $22.

Warner New Media
5184 Funny- The Movie In Quicktime .... $28.
5185 Desert Storm .... $28.
5186 The View From Earth .... $54.
5187 The Magic Flute (Cd Rom) .... $44.
5188 The String Quartet .... $44.
5189 A German Requiem .... $44.
5190 The Orchestra .... $54.
5191 Murmurs Of Earth .... $40.
5192 Word Tales .... $40.
5384 Si Sports Almanac Cd .... $40.
5987 How Computers Work .... $54.

Wayzata Technology○
6008 BBS in a Box-Arizona M.U.G. Vol VI ...... $74.
5981 CD Fun house 7.0 + PC .... $31.
6006 Disc to the Future Part II-Prog. Ref. ...... $78.
5968 Down To Earth! .... $158.
5997 EPS Pro Volume 2 .... $124.
5971 EPS Professional Volume 1 .... $188.
6001 Font Fun House: PS Fonts(Win/Mac) ..... $31.
5998 Font Pro Vol. 1- The Essentials .... $62.
5978 Font Pro Vol. 2- Types of Distinction .... $62.
5972 GAIA environmental resource .... $158.
5979 Gallery of Dreams .... $62.
6007 GEM Macintosh(Public Domain)2.0 .... $74.
5980 Magnificent 7- Educ/Games for Sys 7 ..... $48.
5999 Music Madness .... $62.
6000 Ocean in Motion:Coastal Quicktime Clips .... $124.
5977 Photo Pro Vol. 1-Patterns of Nature ...... $78.
5996 Photo Pro Vol. 2-People Doing Things ..... $78.
5973 PhotoBank Vol. 1 .... $118.
5970 Quick Art Deluxe(1700 TIFF Images) .... $124.
5969 Quick Art Deluxe(3300 TIFF Images) .... $218.
5976 Sound Library 2000 .... $78.
6003 Space,Time,& Art-Pict. of the Universe . $124.
6005 The Laser Printer Companion .... $31.
6004 World Factbook 1991 + Navigator .... $31.

PRINTERS

CoStar
5553 AddressExpress .... $648.
3947 AddressWriter .... $468.
5669 AddressWriter Ribbon Cartridge .... $14.
3456 LabelWriter II .... $188.

3457 LabelWriter II Plus .... $248.
3992 LabelWriter II Labels (260 labels) .... $9.
3993 LabelWriter II Labels (700 labels) ...... $16.
4613 LabelWriter Clear Labels (260 labels) ..... $9.
4623 LabelWriter Diskette Labels (200 labels) ... $9.
4621 LabelWriter Shipping Labels (300 labels) .... $19.
4482 LabelFeeder-1 Up Pin .... $65.
4624 LabelWriter 2-Up Labels (700 labels) .... $19.

General Parametrics
5903 Spectra Star Model Q10E .... $3799.
5379 Spectra Star Model Q10 .... $4598.

NewGen Systems
5259 TurboPS 400p .... $1698.
5260 TurboPS 440B .... $3498.
6020 TurboPS 880p .... $2158.

Seiko Instruments○
5676 Seiko Smart Label Printer Plus ..... $138.

Texas Instruments
5481 TI MicroLaser PS17-w/ Appletalk ..... $1248.
5479 TI MicroLaser PS 35 Turbo-Appletalk .. $1598.

ACCELERATION & MEMORY

DayStar Digital○
FastCache Quadra
4982 (700 & 900 Only) .... $268.
4981 (700, 900 & 950) .... $398.
Turbo 040
5849 25Mhz Universal .... $1198.
5848 25Mhz IIci .... $1198.
5586 33Mhz Universal .... $1498.
5585 33Mhz IIci .... $1498.
Universal PowerCache Accelerators
3739 33Mhz .... $398.
3740 40Mhz .... $598.
3743 40Mhz w/FPU .... $698.
3741 50Mhz .... $778.
3744 50Mhz w/FPU .... $898.
PowerCache Adaptors
II, X, CX, Si, LC, SE, SE/30, Classic ea, ... $46.

Newer Technology○
SIMMS
5366 8-MB Low Profile .... $454.
5992 16-MB .... $657.
5367 16-MB Low Profile .... $798.
5993 16-MB - Radius Rocket .... $789.
PowerBook Memory 140/145/170.
5310 6-MB Pseudo-Static .... $314.
PowerBook Memory 160/180
5610 4-MB Pseudo-Static .... $228.
5311 6-MB Pseudo-Static .... $328.
5368 8-MB Pseudo-Static .... $458.
5369 10-MB Pseudo-Static .... $564.
PowerBook Memory 210/230 (DRAM)
5594 4-MB Base Module .... $239.
5595 4-MB Upgrade Module .... $284.
5596 8-MB Upgrade Module .... $499.
5370 8-MB Module .... $498.
5371 12-MB Module .... $698.

Radius
5227 RocketShare .... $448.
5674 SCSI-2 Booster .... $268.
Accelerators
4777 Rocket 25i .... $1218.
4779 Rocket 33MHz .... $1898.

SIMMO
5606 4-MB 70ns w/PAL Chip (II & IIX) ..... $198.
5555 4-MB 70ns (4x8) .... $158.
3964 6-MB Psuedo-Static (PB 100) .... $269.
PowerBook Memory 140/170
3965 6-MB Psuedo-Static .... $269.
Single Inline Memory Modules
3179 1-MB 80ns .... $49.
4754 16-MB High Profile .... $598.
4755 16-MB Low Profile .... $648.
3701 2-MB 70ns .... $79.
2770 SIMM FX 4-MB 80ns .... $138.
Video RAM for LC, Quadra
4338 512K .... $69.

Stratos Innovations
5319 SIMM Remover .... $9.

NETWORKS & MODEMS

Apple Computer
4611 Appleshare Server 3.0 .... $958.
4610 Appletalk Remote Access .... $149.

Asanté
5637 AsantePrint Thick/Thin .... $358.

5478 AsantePrint Thick/10BASE/T .... $358.
AsanteHub
4095 10T Hub/8 .... $258.
3445 10T Hub/12 .... $528.
EtherNet Cards
II, IIx, IIcx, IIci, IIfx
2586 MacCon+ IIE64 .... $168.
2887 MacCon+ IIET64 .... $168.
3705 MacCon3 NB .... $205.
IIsi & SE/30
3403 MacCon+ 30IET64 .... $168.
SCSI Adapters
4091 EN/SC .... $298.
4092 EN/SC-10T .... $258.
4093 EN/SC PB .... $368.
4094 EN/SC-10T PB .... $288.
5745 EN/SC PB SCSI Adaptor Cable ..... $56.

CE Software○
QuickMail 2.5
3424 10 Users .... $365.

Dayna Communications○
5939 DOS Mounter Plus .... $54.
4958 NetScope Console .... $268.
4961 NetScope Probe .... $368.
4959 NetScope System Bundle .... $658.
4955 Network Management System .... $748.
4956 Network Vital Signs .... $268.
5229 PathFinder .... $648.
DaynaPORT Ethernet Cards
3766 E/30-T .... $148.
3763 E/II .... $148.
4989 E/II-3 .... $198.
3769 E/LC-FP .... $248.
3768 E/LC-T .... $148.
3770 E/LC-TFP .... $248.
3773 E/si-FP .... $248.
3772 E/si-T .... $148.
3774 E/si-TFP .... $248.
DaynaPORT External Ethernet Adapters
4601 SCSI/Link Thin .... $278.
4602 SCSI/Link-3 .... $328.
4603 SCSI/Link-T .... $278.
4295 SCSI/Link PB .... $298.
4297 SCSI/Link-3 PB .... $348.
4296 SCSI/Link-T PB .... $298.
DaynaSTAR Ethernet Hubs
4334 10T Hub/8 .... $248.
4336 10T Hub/12 .... $698.
LocalTalk to Ethernet Adapters
3240 EtherPrint Plus .... $468.
3241 EtherPrint-T Plus .... $468.
5228 EtherPrint 3 .... $398.
5230 EtherPrint 3 Plus .... $498.
4602 DaynaPORT SCSI/Link-3 .... $328.

Eclectec Software
5164 NetVantage II .... $698.

Farallon○
5931 Timbuktu 5.0 .... $138.
5936 Timbuktu 5.0 (10 Pk) .... $684.
5938 Timbuktu 5.0 (30 Pk) .... $1498.
1572 Timbuktu Remote 3.0 .... $139.
5932 Timbuktu 1.0 for Windows .... $138.
5853 LocalPath Systems .... $142.
5727 PhoneNet Card PC Localtalk (PN381) .... $269.
5852 PowerPath .... $104.
4238 StarController (24 Port) PN377 ..... $1296.
EtherMac Networking Cards
4532 EtherMac II-C .... $214.
4534 EtherMac LC-10T .... $158.
4531 EtherMac II-10T .... $158.
4542 EtherMac 30i-10T .... $194.
4547 EtherMac SE-C .... $214.

Global Village○
PowerPort
4815 Bronze 2400 .... $178.
4813 Gold v.32bis .... $419.
4814 Silver 9600 .... $368.
TelePort Desktop
5549 Bronze 2400 .... $198.
5547 Gold v.32bis .... $425.
5548 Silver 9600 .... $368.

Hayes
5655 SmartCom II 3.4 .... $79.
4916 Optima 24 Mac Bundle .... $148.
4917 Optima 96 Mac Bundle .... $388.

InterCon○
5195 WorldLink .... $26.
5490 InterPrint .... $170.
5200 Planet X .... $268.
5199 NFS/Share .... $268.

Column 1

5198 TCP Connect II	$170.
5496 NFS/Share/TCP Connect II	$618.

Lotus Development Corp○
5921 cc:Mail Platform Pack	$399.

Mercury Systems, Inc.○
5111 macINTERCOMM	$78.
5767 macINTERCOMM Bundle Ed.	$39.

PCON
2874 Hyper-Net Din 8	$15.

P-Shooter 12 Port
5207 Local Talk Active Star Hub	$498
5955 NB Apple Share Controller	$478.
5920 Punch Down Block	$88.

Prometheus Products○
5915 Ultima Home Office PB	$298.
4565 Home Office Ultima 14.4	$398.
4564 Home Office 24/96	$198.

PSI Integration○
COMstation
5452 1-9648 FAX/2400 Modem	$148.
5451 2-9600 FAX/2400 Modem	$258.
5450 3-9696 Modem 14.4 V.32bis	Call.
5449 4-9696 FAX/Modem	$338.
5340 5-14.4 FAX/V.32bis 14.4 Modem w/OCR	$398.
5453 Comstation Network	$198.

PowerModem-PB
5456 I-9648 FAX/2400 Modem	$148.
5455 II-9696 FAX/2400 V.42bis Modem	$248.
5454 III-9600 FAX/9600 V.32 Modem	$329.
5339 IV-14.4 FAX/V.32bis,14.4 Modem w/OCR	$388.

Relisys
4854 Tefax 2136	$698.

Software Architects Inc.
5267 Laptop Liberator	$198.

Spider Island Software○
TeleFinder
3945 Group Ed.-Unlimited	$272.

STF Technologies, Inc.
4633 FAX Stf Universal	$55.
5102 FAX Manager Plus	$74.
4635 FAX Stf Net	$79.

Supra Corp.○
Supra Modem
2252 2400	$78.
2589 2400MacPac	$116.

Supra FaxModem PowerBook
5575 144PB	$298.
5935 144PB Plus	$428.

Supra FaxModem Desktop
3931 Plus MacPac	$168.
4469 V.32	$252.
4016 V.32 MACPAC	$298.
4470 V.32bis	$298.
4017 V.32bis MACPAC	$345.

T/Maker ○
4425 FaxMania	$19.

STORAGE

Applied Engineering○
2982 AEHD Superdrive	$219.

DataPlace Ltd.○
External Hard Drives
5277 DP+ 42-MB Quantum	$318.
5278 DP+ 85-MB Quantum	$398.
5279 DP+ 127-MB Quantum	$478.
5306 DP+ 240-MB Quantum	$754.

Internal Hard Drives
5281 DP+ 42-MB Quantum	$218.
5282 DP+ 85-MB Quantum	$318.
5284 DP+ 127-MB Quantum	$378.
5307 DP+ 240-MB Quantum	$694.

Removable SyQuest Hard Drives
4197 DP+ 44-MB w/cart.	$498.
4198 DP+ 88-MB w/cart.	$628.

IOMEGA○
5698 MacFloptical 21MB	$478.
5893 MacFloptical 21MB Media	$24.
5712 MacFloptical 21MB Media 5 Pak	$98.

Bernoulli Drives
5012 MacTransportable 90 PRO	$499.
3501 Transportable 90 PRO	$698.
5609 MacTransportable MultiDisk 150	$799.

Bernoulli Media
3531 90-MB Cart.	$142.
2737 Tri-Pack 44-MB Cartridges	$285.
3503 Tri-Pack 90-MB Carts.	$418.

Bernoulli Media - MultiDisk 150 Only
5718 35-MB Carts.	$48.

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5719 65-MB Cart.	$75.
5720 105-MB Carts.	$98.
5721 150-MB Carts.	$144.
5710 Tri-Pack 35-MB Carts.	$138.
5709 Tri-Pack 65-MB Carts.	$221.
5708 Tri-Pack 105-MB Carts.	$288.
5707 Tri-Pack 150-MB Carts.	$424.

Mac's Place
External Drive Enclosures
4062 Half Height	$98.

PLI○
5040 CD ROM Drive	$579.
5910 PLI 120MB Ext. Totable Drive	$798.
5733 PLI 120MB Int. Go Drive for PowerBook	$698.
5729 PLI CD ROM Drive MultiSession	$698.

Infinity
5728 Removable 88 R/W 44	$798.
5039 Floptical 21MB	$394.
5036 Optical 3.5"	$1448.
5037 Optical 5.25"	$2748.

Sony○
Sony Diskettes
3109 Double Sided 10 Pak	$9.
5612 Double Sided 4 Color 10 Pak	$10.
3108 Double Density-Bulk 50 Pak	$30.
3090 High Density 10 Pak	$15.
5897 High Density 4 Color 10 Pak	$18.
3331 High Density-Bulk 50 Pak	$58.
5857 3.5" 4MB 10 Pak	$74.

Tape - Data Cartridges
5869 1/4" D/C 150MB	$21.
5870 1/4" D/C 250MB	$28.
5872 1/4" D/C 525MB	$32.
5868 1/4" Mini D/C 120MB	$19.
5866 1/4" Mini D/C 40MB	$15.
5877 D8 8mm 2.5/5.0 GB	$15.
5880 D8 Cleaning Cart.	$27.
3687 DAT4mm DG 90M 2GB	$22.
5882 DAT 4mm Cleaning Cart.	$14.
5873 QIC80 80MB Formatted	$19.
5874 QIC80 120MB Formatted	$24.

Magneto Optical Disks
4478 3.5" - 128 MB Rewritable	$54.
4474 5.25" - 650 MB Rewritable	$118.
5856 5.25"-594 MB Rewritable	$118.
5891 3.5" Lens Cleaning Cart	$36.
5892 3.5" Disks Cleaning Kit	$42.
5886 5.25" Lens Cleaning Cart	$58.
5890 5.25" Jewel Case	$9.

Syquest
2269 44-MB Cartridges	$69.
3458 88-MB Cartridges	$107.

PROGRAMMING

Ariel Publishing ○
5716 Inside Basic Subscription	$32.
5717 CDEV-City	$32.

Bowers Development○
4099 AppMaker 1.5	$214.

Staz Software
5713 PG:Pro	$166.

Symantec○
3524 THINK C 5.0	$198.
3584 THINK Pascal 4.0	$164.
2257 Just Enough Pascal	$49.
5672 THINK Reference 2.0	$75.

TGS Systems ○
3616 Prograph 2.5	$298.

UserLand Software
4211 Frontier 2.0	$184.

Zedcor○
5647 FutureBASIC	$162.
With PG:Pro & Inside Basic	$328

BOOKS

Addison Wesley
5653 Kid Pix Around the World	$10.

Inside Macintosh
4893 Files	$22.
4892 Mac Toolbox Essentials	$26.
4895 Memory	$18.
4894 Processes	$17.
4891 OverView	$15.

Inside Out Series
3594 Learn C w/Thin C Lite	$28.
2997 ResEdit Compl. w/Disk	$23.

Bantam Books
3039 HyperCard Handbook	$21.

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Peachpit Press
4879 Art of Darkness	$14.
3757 Canvas 3.0: The Book	$18.
4052 Little Mac Word 5 Book	$14.
4985 Macintosh Bible 4th Edition	$19.
5343 Mac Bible 4th/Disk Combo	$32.
5344 Mac Bible 4th/Super Combo	$40.
3752 Macintosh Font Book	$18.
3755 QuarkXPress Book	$20.
5989 The Dead Mac Scrolls	$19.

Prentice Hall
5274 Design Essentials	$26.
5644 Using FileMaker Pro 2.0	$19.

Prima Publishing-
5226 PageMaker 4.2: Everything to Know	$14.
5543 Quicktime: Making Movies - Mac	$18.
5225 SuperPaint 3: Everything to Know	$18.

Ventana Press
4820 Mac Shareware 500 Book & Disks	$28.
4432 System 7 Book/Disk Set	$24.

The Voyager Company
Expanded Book Series
5272 Expanded Book Toolkit	$198.
5995 The Autobiography of Malcolm X	$17.
5413 Amusing Ourselves/ Brave New World	$17.
5415 Backlash	$17.
5418 Complete Annotated Alice	$17.
4897 Complete Hitch Hikers Guide	$17.
5269 Complete Stories Vol. 1 - Asimov	$17.
5419 Diet for a New America	$17.
5420 Gone to Soldiers	$17.
5421 Guardian Angel/Double Indemnity	$17.
5429 Invisible Man	$17.
5422 Jurassic Park	$17.
5424 Neuromancer/Count Zero/Mona Lisa	$17.
5270 Picture of Dorian Gray-Wilde	$17.
5426 Revolution from Within	$17.
5427 Sailor Song	$17.
5428 Savage Inequalities	$17.
5430 Selected Stories of Eudora Welty	$17.
5423 The Mind's Sky	$17.
5425 The Pelican Brief	$17.
5431 The Sound and the Fury	$17.
5271 Zen/Motorcycle Maintenance	$17.

UTILITIES

Abbott Systems○
4182 Calc+	$38.
4088 CanOpener 2.0	$62.

Aladdin Systems○
4971 StuffIt Deluxe 3.0	$68.
4969 StuffIt SpaceSaver	$38.

Amaze!nc
5348 Far Side Daily Planner Vol. 2	$49.
4590 Cathy Planner	$39.

Apple Computer
5247 At Ease	$46.
4609 Macintosh PC Exchange	$59.
5255 System 7.1 Personal Upgrade	$89.
5485 System 7.1 Group Upgrade	$388.

Berkeley Systems
1232 After Dark 2.0	$29.
3430 More After Dark 2.0	$24.
3523 After Dark & M.A.D. Bun.	$39.
5341 Star Trek Screen Saver	$35.

CE Software○
3388 QuicKeys 2.1	$89.

Central Point Software○
4626 MacTools Deluxe Version 2	$112.

Claris Clear Choice
5699 BrushStrokes	$98.
5700 Retrieve It!	$62.

Component Software Industries Corp.
5519 Icon Gallery	$38.

Connectix○
4861 CPU-Connectix PB Utilities	$49.
5916 Virtual 3.0	$49.
5917 CPU-Virtual 3.0 Bundle	$62.

CSG Technologies
5147 COPYright	$31.
5253 COPYright Pro	$49.

DataViz
5373 Maclink Plus PC V7.0 W/Cable	$128.

Dantz Development ○
5491 DiskFit Direct	$30.
3925 DiskFit Pro	$72.
6048 Retrospect 2.0	$145.
6049 Retrospect 2.0 w/Remote 10 pk	$268.

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Dayna Communications○
5974 SafeDeposit	$118.
5975 SafeDeposit Server	$278.

Delta Tao Software○
4325 Wonder Print	$38.

Fifth Generation○
5316 AutoDoubler	$62.
2581 DiskDoubler	$48.
4696 Suitcase V2.1	$49.
4207 SuperLaserSpool	$98.
5661 Public Utilities	$98.

FWB
3935 Hard Disk ToolKit	$126.
5732 Hard Disk ToolKit-Personal	$54.
5731 CD ROM ToolKit	$54.

GDT Softworks ○
4753 PowerPrint	$94.
5722 PowerPrint/LT	$268.

Golden Triangle○
5233 TimesTwo	$99.

Inline Design○
5928 Billy Steinberg's PB Tools	$62.
4852 Init Picker 3	$38.
5650 Inline Sync	$78.
6051 PB Tools/InLine Sync/Tesserae	$92.

Insignia Solutions
5702 RapidTrak	$64.

SoftPC
5924 Universal 3.0	$104.
5925 Professional 3.0	$199.
4819 With Windows	$318.
4693 AccessPC 2.0	$59.
5923 Soft Node 2.0	$95.

Kent Marsh○
3978 FolderBolt	$75.

Leader Technologies○
5010 PowerMerge	$79.

Logical Solutions, Inc.○
6046 7th Heaven 2.5	$74.
5927 Chameleon	$38.

MAXA Corporation
5376 Snooper 2.0 w/Virex	$128.
5377 Snooper 2.0 Nubus Kit w/Virex	$178.

MicroMat
4417 MacEKG 2.0	$89.

No Hands Software○
4860 Magnet	$78.
5899 Common Ground	$124.

Nova Development
4491 Kaboom!	$28.

Now Software○
5017 Now Utilities 4.0	$84.
5408 Now Up-To-Date 2.0	$64.
5410 Now Up-To-Date 2.0 5 User	$294.
5409 Now Up-To-Date 2.0 10 User	$598.

Symantec○
5654 Norton Essentials for PB	$88.
4303 Norton Utilities 2.0	$95.
5591 S.A.M. 3.5	$65.

Teknosys
4086 Help!	$89.

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Accolade
3530 Hardball II	$32.
3290 Ishido:The Way of Stones	$32.

Activision, Inc.
4435 Lost Treasures of Infocom Vol. 1	$38.

Amtex Software
5032 Tristan	$39.

Baseline Publishing○
2659 Talking Moose	$22.

Broderbund
1281 Carmen San Diego (U.S.A.)?	$29.
1280 Carmen San Diego (World)?	$29.
4436 Carmen San Diego (World: Deluxe)?	$47.
4437 Playmaker Football: Color	$18.
4549 Prince of Persia	$29.
3604 The Playroom 2.0	$29.

Bungie Software
5007 Minotaur 1.0 (2-Pak)	$45.

Callisto Corp.
5686 Super Mines	$31.

Casady & Greene○
1293 Crystal Quest & Critter Ed.	$34.

- 3883 Fun Bundle ... $68.
- 3882 Glider 4.0 ... $34.
- 5372 More Glider ... $20.
- 4346 Mission Thunderbolt ... $41.

Changeling Software
- 4992 Pax Imperia ... $34.

Deadly Games●
- 3895 Battle of Britain II ... $34.
- 3894 Bomber 2 (w/Headphones) ... $31.
- 5360 M-4 (w/Headphones) ... $34.

Delta Tao Software●
- 2891 Strategic Conquest 3.0 ... $37.
- 5906 Spaceward Ho! 3.0 ... $37.

DigiTek Software
- 4250 Hole-In-One Golf ... $24.
- 5257 Big Business ... $24.

Electronic Arts
- 4557 4D Boxing ... $32.
- 3496 PGA Tour Golf ... $38.
- 4175 Tournament Course Disk ... $16.
- 6022 Putt Putt Joins the Parade ... $32.

Graphic Simulations
- 4070 HELLCATS ... $39.
- 4998 HELLCATS-Missions at Leyte Gulf ... $22.

ICOM Simulations
Sherlock Holmes CD-ROM
- 3957 Consulting Detective Vol. I ... $39.
- 5396 Consulting Detective Vol. II ... $44.

Inline Design
- 3493 3 in Three ... $31.
- 5358 Cogito ... $38.
- 3494 Mutant Beach ... $38.
- 5359 S.C.OUT ... $38.
- 5356 Swamp Gas - Europe ... $38.
- 3492 Swamp Gas - USA ... $31.
- 3134 Tesserae ... $31.
- 5357 The Tinies ... $38.

Interplay Productions
- 3821 Battle Chess ... $29.
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- 5952 SimCity Supreme w/B&W Terrain Editor ... $34.

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- 4640 Capitalist Pig ... $34.

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- 5521 Club Racquetball ... $19.

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- 5184 Funny-The Movie in Quicktime ... $28.

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- 4258 MacUSA ... $29.
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- 3607 SAT Personal Trainer ... $36.

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- 5182 KidDesk ... $26.
- 5183 Millie's Math House ... $31.

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Voyager Company
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- 4918 Clamp Copyholder ... $28.
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- 4947 Diskette Tub (80) ... $14.
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- 4945 Partition Light Black ... $55.
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- 4923 Power Master Center ... $88.
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- 4942 Space Maximizer Light Black ... $54.
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- 4930 Weighted Base Light Platinum ... $52.
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- 4938 Clamp-on Light Black ... $55.
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Light Symmetrical Shade
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- 4364 LaserRak Printer Stand ... $28.
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JetFill Cartridges
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WristSaver Mouse Pad
- 3953 Charcoal ... $12.
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Logitech●
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Solidex, Inc.
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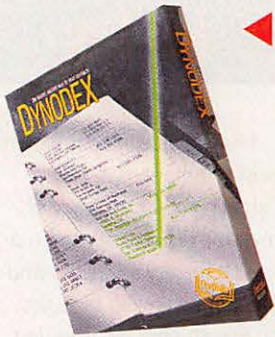
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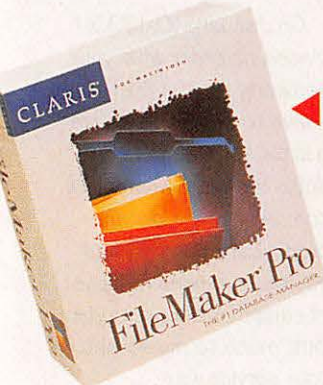No expiration date.

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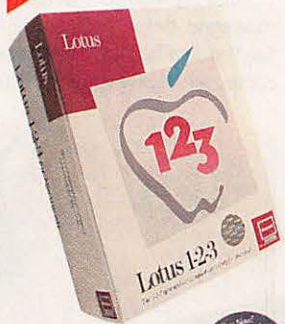
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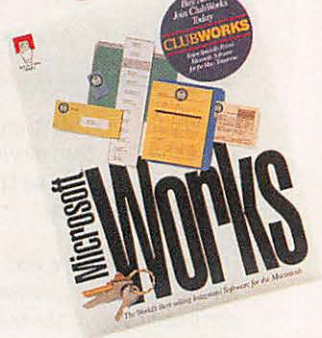
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71
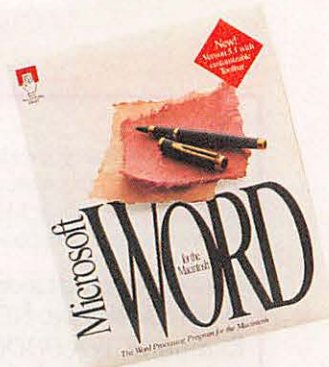
Mac'sPlace

Hey!
What's your story

Dear Mac's Place,

I use my Mac to publish a magazine. A Doberman Pinscher magazine. Before I bought the magazine in 1989, I had tried a KayPro and had thrown it away in disgust. I had never used a computer. I bought a **Mac Plus** and a **Radius full-page display**, reasoning that by the time I knew enough to utilize a more complex computer, it would be obsolete. I didn't have time to read manuals or go to school. I just turned on that Plus and, thanks to the user-friendly Mac, I made it go. I put out ten issues of the magazine using the Plus, then moved to a **IIci**. The mailing list got to be too much from the Plus, so the IIci handles that and I use a **Quadra 700** for my graphics.
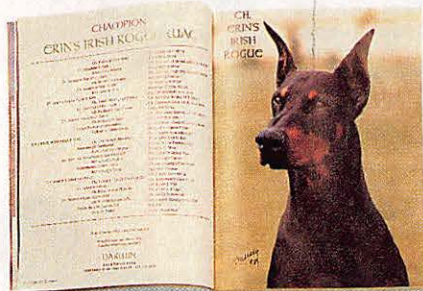
My last magazine was 650 pages, including 750 photographs with a one month preparation time. We made it! I know that I still don't use many of the features of the Quadra, but I am learning. Meanwhile the Quadra does my graphics quickly, stores 170 fonts, clip art, font manipulators, and 528 client graphic files, and gives them to me when I ask.

The magazine has doubled in size and circulation. Considering how little I knew when I started and how relatively little I still know, this would never have been possible without the friendly, capable Macintosh.

And since there are no Mac stores in my area, I depend on mail order like Mac's Place for my programs to make it go!

I am enclosing a magazine done on a Plus. My graphics have improved a lot, but even the smallest Mac can-do!

Ann Lanier
Doberman Quarterly
North Bend, OR

Thanks Ann!
We'd like to hear your story, too. If you're using your Mac in an interesting or unusual way, let us know. If we use your story, we'll give you a Mac's Place T-shirt. Send information and photos (if available) to:

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question?

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kudos

I have to admit that I am pretty amazed at the lightning quick delivery of my last order. I sent you a fax on Friday midnight and the package was brought to me at work on Tuesday by an odd-looking delivery man. The best thing, though, is that the whole ordeal cost me half what the old **** of a dealer charges here.

A. J. T.
Tampere, Finland

★

On January 10, 1993, I placed an order with your company for the first time. I have to be honest, I was a little apprehensive doing business with a new company, giving out my credit card number, and buying an expensive piece of equipment like a modem. But, much to my delight, your service was outstanding. I'd like to thank you for your professional service. It's truly a pleasure doing business with a company like yours. Rest assured you will have my future business and I'll recommend you to everybody I can.

Raymond C.
Alexandria, VA