

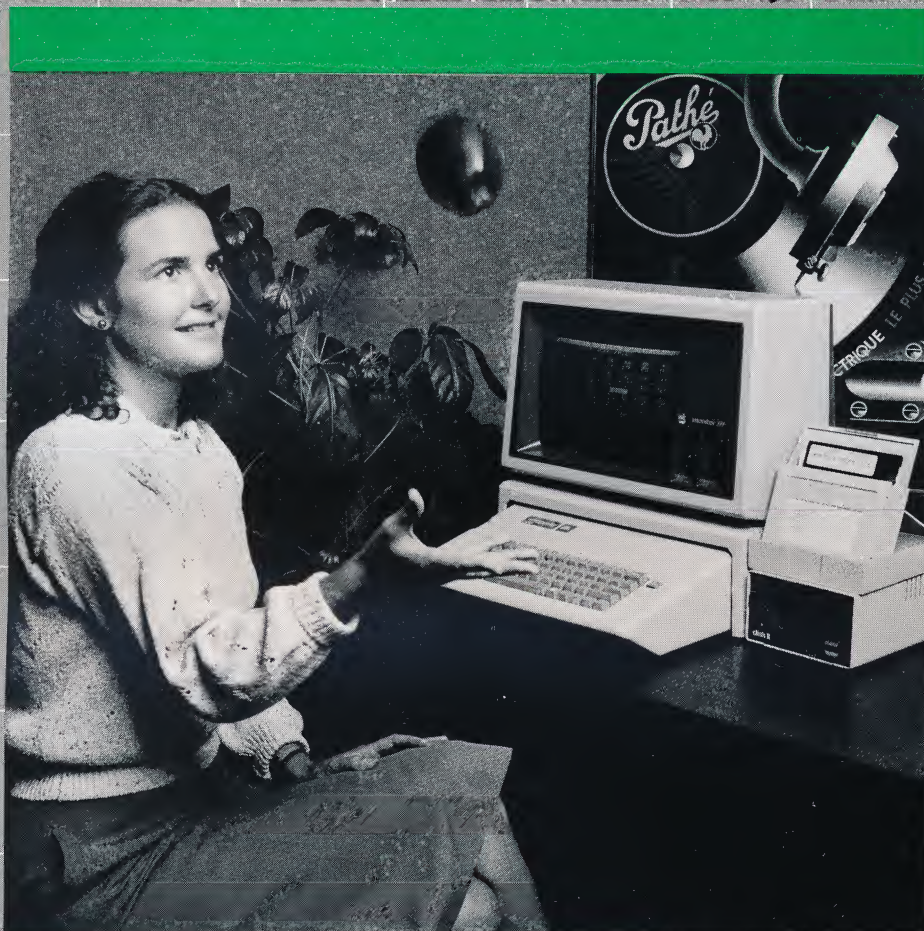
Delivering business software to your home...

ADD-ON

SOFTWARE, INC.



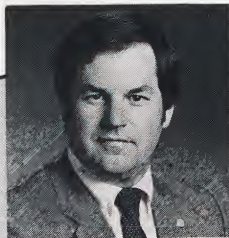
Inside: Over 50 software packages you can order today by telephone: 800-345-4300.



All you need is your Apple and the ALS CP/M or Z-card.

**The only complete catalog
of Ready-to-Run™ CP/M software
for your Apple computer.**

Now you can get 15-day FREE TRIAL and TOLL-FREE customer support on the software best-sellers you choose.



November 1, 1983

ADD-ON
SOFTWARE, INC.

Hello!

Welcome to the world of ADD-ON SOFTWARE, a new dimension in programs for your Apple computer. Now you don't have to be a programmer to use the most popular CP/M Business and Professional programs. ADD-ON is dedicated to providing business and professional programs that are "Ready-to-Run™" on your system.

All ADD-ON SOFTWARE programs are modified with your particular system in mind. And if you do run into any problems running one of our programs, we are hardly ever further away from you than a phone call. Our Customer Support Specialists are available 16 hours a day, seven days a week (see order page).

Don't forget our 15-day free trial offer!

Now you have no excuse not to try that word processing or spreadsheet program that you've needed but weren't sure which one to buy. Just read through the pages of our catalog and pick the program that best suits your needs. As a matter of fact, you may want two or three programs to effectively use that Apple computer that's waiting for you to command it.

So enjoy your browse through our catalog, and then call us. We're "Bringing Business Software to Home Computers," and we are waiting to serve you.

Sincerely,

Jack B. Smyth, President

“ADD-ON SOFTWARE brings you into the '80s with these 50 powerful programs now available for the first time for your home computer.”

Your Guarantee of Satisfaction from Add-on Software.

This guarantee is your assurance of product satisfaction. Every purchase you make is covered two ways:

1. 15 days to make up your mind. If not satisfied, simply return the item (in new condition, please), shipping pre-paid, within 15 days for a prompt, courteous refund, whatever your reason. No hassles, no phone calls.

2. 90-day replacement guarantee. All catalog products are guaranteed for 90 days against defects in materials and workmanship. If a product fails during this period, we'll promptly replace it.

Understandably, we cannot warranty damage resulting from misuse. Nor can we assume responsibility for consequen-

ADD-ON
SOFTWARE, INC.

Index

This catalog has eight sections organized according to what each program can do for you. The sections are:

1. Word Processing.
2. + - ÷ ×
3. File Control.
4. Programming Tools & Utilities.
5. Computer Languages.
6. Computerized Training Courses.
7. Supplies & Accessories
8. Books

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TRADEMARKS: SpellStar, InfoStar, ReportStar, DataStar, - MicroPro International; Footnote, Bibliography, Notebook - Pro/Tem; Plan 80 - Business Planning Systems; Personal Datebook, Milestone - Organic Software; ATI Training Power - American Training International; QUICKCODE, dGRAPH - Fox & Geller; dBASE II, Friday! - Ashton-Tate; Grammatik, Proofreader - Aspen Software; Filefix - Dr. Allan Miller; Spellbinder - Lexisoft; Super Spellguard, SuperWriter - Sorcim; Personal Pearl - Pearlsort; Documate - Orthocore; Writers Pack - Digital Marketing. REGISTERED TRADEMARKS: MailMerge, CalcStar, WordStar - MicroPro; CP/M - Digital Research; SuperCalc - Sorcim. The Apple logo is a trademark of Apple Computer. Ready-to-Run and the Add-on logo are trademarks of Add-on Software, Inc.

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Now your Apple can be more than just fun & games.

Add-on dozens of useful, time and money saving programs with your new CP/M operating system.

Now you can think of your personal computer in a whole, new way. Now it can be a complete computer system, ready to do things for you that it just couldn't do before. With the ALS CP/M Card or Z-Card, your Apple can have all the same impressive operating capabilities as more expensive computers.

If you have not yet adapted your personal computer to CP/M, you should look into it. CP/M (Control Program for Microprocessors) is a computer operating system. It provides the way for your computer to understand and work with the programs you want to run on it. Literally thousands of useful programs have been written for use with CP/M. In fact, CP/M is by far the most popular computer operating system around.

You can have all this at a mere fraction of what it would have cost you to buy a dedicated, CP/M-based microcomputer.

How to read this catalog.

For your convenience, we have coded the software in this catalog to let you know just how easy these programs are for the beginning, intermediate and advanced computer user. Of course, calling it a "Beginner's program doesn't mean it isn't sophisticated. All the programs in this catalog are the very best on the market. But a "Beginner's" program is the easiest and most convenient to operate.



Beginner.

These programs are easily used by those with little or no computer experience.



Intermediate.

These programs are best used by those who have had at least six months of frequent computer experience.



Advanced.

These programs are best used by those who have had six months of frequent computer experience and a serious interest in creating their own programs and applications.

Your Add-on Software is "Ready-to-Run"™!

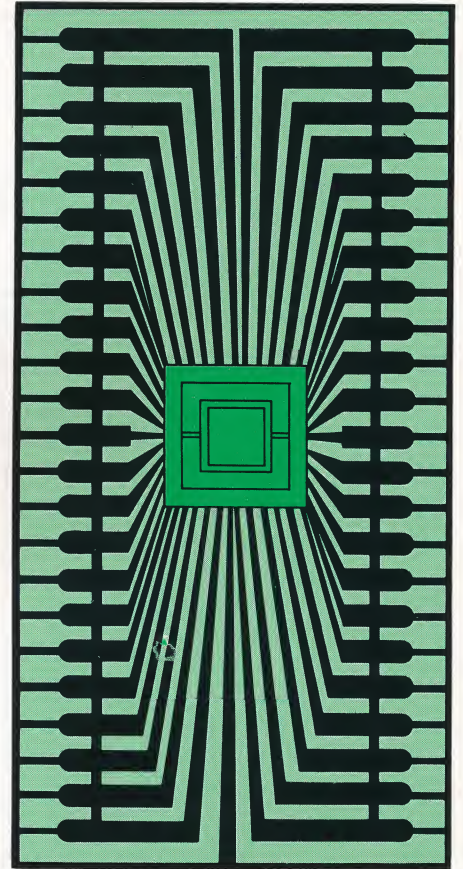
ReadyToRun

Add-on Software has taken the hassles out of running your new software on your computer.

With many other software products, you have to go through a tedious 45 minute procedure to "prepare" your new software to run on your computer. With Add-on Software's "Ready-to-Run" programs, you can do it in five minutes or less! And where preparation is necessary, Add-on's team of expert programmers have prepared easy, step-by-step instructions displayed on your screen to make preparing your new software easy and fun.

Add-on Software is setting a new standard with its "Ready-to-Run" line of business and personal software for home computers. Just look for the "Ready-to-Run" stamp beside price listings in this handy catalog.

When you Add-on the CP/M or Z-Card to this miracle microchip...



A tiny microchip much like this one (only much, much smaller) makes it possible for you to enjoy personal computing at home or in your office. Now, with the ALS CP/M Card or Z-Card, you can use your personal computer to run a vast assortment of powerful programs especially designed to save you time and money.

Discover the benefits of CP/M word processing.

Word processing programs make your computer the best typewriter in the world. You do the creative work, and your computer takes care of the rest—corrections, line endings, fancy printing, and filing.

CP/M gives you access to the most powerful word processing programs in microcomputing. And we've got some of the best and most popular. Programs with the power of \$10,000 office machines. Programs with on-screen answers to your questions. Programs so easy to learn, you'll know the basics in 10 minutes flat.

Step up to a new level of productivity—CP/M Word Processing!

What is word processing?

A word processing program turns your computer into a super-typewriter. You type on the keyboard just like on an electric typewriter.

The computer displays what you type on the screen instead of on paper.

Make corrections on the screen, and the program fixes line endings for you. Move paragraphs around, center and underline automatically, copy information without retyping, and save a copy electronically. It takes no time at all. And when you're done, print your work without a single error.

How does it save me time?

Word processing lets you concentrate on writing, not on typing. Soon you're turning out impressive, letter-perfect documents in less time than it now takes you to type a first draft.

Does it save me money?

Word processors save you the cost of a professional typing service, and they increase the

quality of your personal work.

What about productivity?

You produce more work with less effort. Now you can finish those projects and do a better job on each one. Word processing programs give you the power to do so much more, easily, and just right every time.

What else can word processors do for me?

Many other CP/M programs can work hand-in-hand with word processing programs. They can check your spelling, do indexing and footnotes automatically, and even handle note-taking.

Word processing introduces you to a whole world of practical computer applications. So read on and discover the benefits of high-powered word processing on your computer.

Need a personal secretary in your home? Here's the solution . . .

WordStar: Professional word processing made easy!

To many microcomputer users, WordStar needs little or no introduction. It was the first program to bring the power of professional word processing into the home. Its ability to manipulate words, phrases and pages of text has made it a legend. Now you, too, have the opportunity to use this powerful, CP/M-based writing tool.

Beginners now can have professional word power with WordStar.

WordStar does just about everything short of write. Now you can compose everything from a simple memo to the Great American Novel without retyping. Letters, reports, documents, scripts – WordStar meets the demands of anyone who writes. And it's amazingly easy to learn and to use.

It's like having a typist at home, day and night!

Throw away your correction fluids and forget cut-and-paste routines. WordStar allows you to perform all your editing tasks with just a few keystrokes. Plus you can center, underline, type in bold, superscript and subscript, headline, add trailers and footnotes and more!

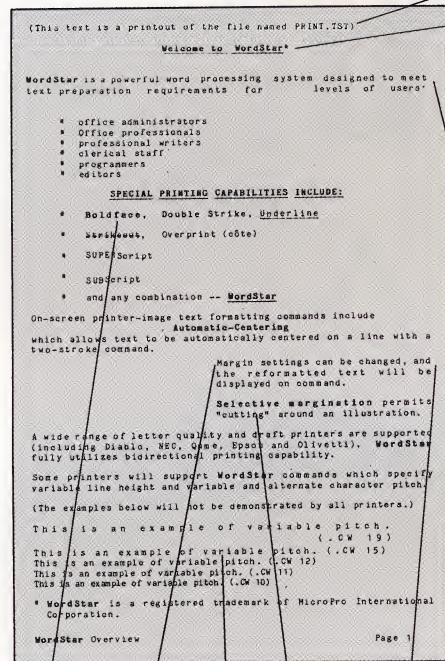
How can the most powerful word processing software be so easy?

A few simple commands do most of your work for you. First, you get on-screen help at all times. A convenient, easy-to-read menu of available commands remains at the top of the screen as you work. It lists the main commands so you don't have to remember them.

Need more explanations? Special codes call up more command menus listing all of your options. All you do is pick and choose. Take what you need and learn new commands when you want them. With WordStar, you learn at your own pace.

A convenient reference card also lists all the commands in common-sense order. And you get special stickers for your keyboard to remind you of the location of the major command keys.

Sample of WordStar Abilities



Headings

Underline

Auto carriage return ("Wordwrap")

Boldface Change margins Hanging margins Right justified
Change pitch

What you see on the screen, you get on the page.

Whether you're writing a business proposal or a short story, a technical report or an invoice, what you see on the screen is exactly what you get when you print.

This is one of the few word processing programs that organizes the words on the screen the way they appear on your finished page. It also lets you know when you have reached the end of the page and gives you a running page count.

With WordStar, you'll never be surprised when you call for your printed copy.

“WordStar has made me more efficient. I'm writing my thesis, and word wrap, the ability to move text around, and onscreen editing really help. A powerful program.”

Gary Yoshimura
Graduate Student
Los Angeles, Calif.

The WordStar Manual: All new easy-reading User's Guide offers training plus more.

There's now an all-new user's guide that offers everything a home-user would want to know about WordStar.

A three-part manual, it offers an effective and easy-to-read Training Manual, a handy Reference Guide for more experienced users, and complete, concise and clear Installation Instructions.

The Training Manual takes you, step-by-step, through every aspect of WordStar. You'll be a pro in no time! Organized into five sections, it introduces the WordStar method, giving you the big picture on word processing. Then it covers how to use menus, how to enter and edit text, mark and move text, and find and replace text.

As you become more proficient, the handy Reference Guide will keep you from having to memorize each and every procedure and command.

The Installation Manual is so easy to read and understand that even the novice will soon be aching to customize WordStar to his or her hardware.

With the WordStar Manual, you also receive:

- A Quick Reference Card, summarizing commands.
- WordStar KeyTops – keyboard stickers identifying command keys.

The Widest Choice of Commands Available Anywhere

WordStar gives you a wide choice of program commands. Here's a few:

- Block Move
- Block Copy
- Find & Replace, with options
- Hyphen Help
- Auto Page Number
- Auto Headings
- Auto Footings
- Justified text
- Boldfacing
- Underlining
- Italics
- Superscript, subscript
- Accent overprint
- Center
- Change tabs
- Change margins
- Change line spacing
- Hanging indents
- Word wrap
- Print-out commands: Select character pitch, line height file insertion, headers and footers, top and bottom margins, page length and more.

B **WordStar** by MicroPro. **Ready To Run**
Order No. WSR \$495.00
(Manufacturer's suggested list price.)

B **WordStar Training Power** **Ready To Run**
from American Training International
Order No. WST \$75.00
(See page 30 for details.)

For toll-free ordering, call 800-345-4300

10 simple steps to letter-perfect writing every time.

WordStar is one of the most powerful word processing programs ever sold. Yet it's also one of the easiest to begin using. Here's a 10-step walk-through to prove it.

To start: WordStar displays the Opening Menu which lists your options.

```

not editing
<<< OPENING MENU >>>
---Preliminary Commands--- / -- File
L Change logged disk drive
F File directory now ON / P PRI
H Set help level /
--- Commands to open a file --- / E REI
D Open a document file / O COI
N Open a non-document file / Y DEI

```

First look under "Commands to open a file", and find: "D Open a document file."

To open a file type:

D

```

A file name is 1-8 letters/digits, a period, and
optional 1-3 character type. File name may be
preceded by disk drive letter A-P and colon,
otherwise current logged disk is used.

^S = delete character ^Y = delete entry ^F
^D = restore character ^R = Restore entry ^U

Name of file to edit? _

```

WordStar explains the command received and tells you how to give the file a name.

To name the file type:

SAMPLE

Then press **RETURN**.

```

cter ^Y = delete entry ^F = File directory
acter ^R = Restore entry ^U = cancel command

Name of file to edit? _SAMPLE_

```

The main menu: WordStar creates a new file called "SAMPLE" and gives you a blank screen to type on.

Well, not entirely blank. The "Main Menu" at the top of the screen appears. It shows you the most important commands so you don't have to memorize them.

```

A:SAMPLE PAGE 1 LINE 1 COL 01
<<< MAIN MENU
-- Cursor Movement -- / -Delete-
^S char left ^D char right / ^G char
^A word left ^F word right / DEL chr lf
^E line up ^X line down / ^T word rt
-- Scrolling -- / ^Y line
^W up line ^Z down line /
^R up screen ^C down screen /

```

To type: Start typing a paragraph at the keyboard. It's just like typing on a typewriter, with one exception - you DON'T have to listen for the margin bell. Just keep typing.

When you reach the right margin, WordStar automatically returns the carriage for you. No waiting!

```

^R up screen ^C down screen/ / ^U Stop
This is how WordStar works: just like a fancy
electric typewriter, except I'm typing on a
screen instead of on paper. This is fast! _
directory of disk A:
PROFILE.SUB SAMPLE

```

To correct errors, use the function keys at the top of the keyboard to move the cursor (which shows where you are on the screen) to the error. The menu says "Delete: ^G - Char." That means to delete a "character," simply hold down the CTRL key, and type the letter "G"

CTRL G

Presto! the letter disappears!

```

^R up screen ^C down screen/ / ^U Stop
This is how WordStar works: just like a fancy
electric typewriter, except I'm typing on a scre

```

To insert the correct letter, just type it:

a

```

This is how WordStar works: just like a fancy
electric typewriter, except on a screen
(correcting is fun! _

```

The rest of the word moves out of the way to make room!

To save this paragraph on the memory storage, press the filing commands:

CTRL K D

```

^K A:SAMPLE PAGE 1 LINE 5 COL 15 IN
^K PREFIX
END EDIT/SAVE: D = Done edit X = done, eXI

```

To print your file, look back at the "Opening Menu." Under "File Commands," find "P PRINT a file."

```

OPENING MENU >>>
mands ---
k drive
now ON
a file ---
t file
ument file

```

To call up the print command, just enter:

P

```

/ -- File Commands -- / -- System Commands
/ R Run a program
/ P PRINT a file / X EXIT to system
/ --WordStar Options--
/ E RENAME a file / I Run StarIndex
/ O COPY a file / M Run MailMerge
/ Y DELETE a file / Run SpellStar

SAMPLE

```

To enter the name of the file to be printed, answer the on-screen prompt. (WordStar always prompts you for the correct information.)

SAMPLE

And press the **RETURN** key.

```

Name of file to print? _
directory of disk A:
PROFILE.SUB SAMPLE

```

WordStar now prints your paragraph for the first time: just as you wrote it, corrections and all!

That's all there is to word processing. It's fast, easy, and fun.

Need personalized form letters? MailMerge creates custom mailings.

Business means paperwork: mailings, answers to business queries, standard contracts and governmental filings. Often the same document is used over and over with a few details changed for each customer, client or job.

MailMerge reduces paperwork. This flexible, file-merging program puts computer-power to work to fill your business, club or personal needs.

Customized mailings add your personal touch.

With MailMerge you can personalize your mass mailings with names and addresses, account numbers and dates, dollar amounts and personal touches. Each letter looks as it would

Use MailMerge to send personalized thank-you notes: the special symbol & tells MailMerge where the variable information will go. Examples: &FIRSTNAME& and &AMOUNT&.

1. FORM LETTER

.DF DATAFILE
.RV SALUTATION, FIRSTNAME, LASTNAME, AMOUNT

&FIRSTNAME& &LASTNAME& &ADDRESS& &CITY&

Dear &SALUTATION& &LASTNAME&:

Thanks for your contribution of &AMOUNT& to the city improvement fund. Your civic support is greatly appreciated.

Yours truly,

MAYOR

.pa

if typed separately, yet it's done quickly and easily.

Just use WordStar (see page 4) to create two files: the form letter, and the name and address file with the personalized information. Then MailMerge combines the two files at print time.

The same approach can be used for legal filings, standard contracts and other documents that need to be letter-perfect, yet vary slightly with each situation.

Personalize pre-written letters without losing time.

Businesses reply to inquiries with pre-written paragraphs, combined as needed by computer. Now so can you, with MailMerge's powerful file-merging capability. Speed up your correspondence without losing detail, accuracy or personality.

“MailMerge is a powerful print program that really turns my computer into a workhorse!”

Produce mailing labels quickly, automatically.

MailMerge will select information from your latest mailing list file. You can produce mailing labels quickly and automatically no matter how often your list changes. You simply choose the label format. MailMerge does the rest—without wasting your materials, time or money.

Expand your editing capabilities.

Break your book or lengthy article into short

disk files for convenience when editing. Or spread them over several floppy disks. At print time, MailMerge will assemble them into a consistent document, correctly numbered with headings, footings and common margins.

MailMerge combines with other software.

Together with DataStar, MailMerge will produce invoices for small businesses.

Do more with MailMerge.

- Business replies.** Assembles a reply letter from a list of standard paragraphs.
- Legal documents.** Inserts variables such as dates, names, and amounts into contracts, agreements, bills and court filings.
- Personalized form letters.** Gives your personal touch to your form letters.
- Mailing labels.** Produced at the press of a button from your form letter files.
- Multiple copies.** Prints any number of copies, automatically.
- Merged print files.** Assembles larger documents at print time from convenient smaller files.
- Invoices (with DataStar).** Use MailMerge as a billing program when combined with DataStar.

B MailMerge by MicroPro.

ReadyToRun

Order no. MMG \$250.00
(Manufacturer's suggested list price.)

SpellStar: WordStar's proofreader checks your spelling automatically.

Now you can also Add-on a personal proofreader to your WordStar program. SpellStar locates spelling and typing errors in your text. It's fast and very accurate.

SpellStar uses 20,000 words from the authoritative *American Heritage Dictionary*. Plus, you can add words to your own customized dictionary for special uses.

“Now I check every word I write with the American Heritage Dictionary at just the touch of a few buttons.”

SpellStar finds the errors and marks them for corrections. It's incredibly easy to use. And every step is explained on the screen as you go.

A professional proofreader can cut down on your editing tasks. So if WordStar is your word processing system, Add-on SpellStar.

SpellStar has flagged the misspellings.
Enter <RETURN> to correct errors.

B SpellStar by MicroPro.

ReadyToRun

Order no. SSR \$250.00
(Manufacturer's suggested list price.)



“Here at Add-on Software, we're ready to serve you when you need help. Just call us, 8 a.m. to 8 p.m., Monday through Friday.”

SuperWriter: the professional word processor that's as easy to use as a pencil... but faster.

Now you can turn your computer into a professional word processor for business and personal use. Write reports, statements, letters, proposals, books and whatever else you need to write.

SuperWriter has all the editing power you need. Yet it's so easy to use, you can turn out perfect work the very first time!

Professional print-outs and custom form letters at the touch of buttons.

Use all the special features of your dot-matrix or letter quality printer to do:

- Proportional spacing
- Select the pitch
- Automatic page numbers
- Select margins
- Select spacing
- Choose number of copies
- Draft printing
- Send special code to the printer
- Print selected pages
- Multi-line headers
- Multi-line footers
- Set page size
- Set top and bottom margins
- Justify right, left or both

SuperWriter can produce customized form letters automatically. It will even select out specific names from your mailing list.

Editing is a snap with SuperWriter!

You can change your mind and make improvements in seconds.

SuperWriter has everything you need to produce letter-perfect typing the first time and every time. It's easy to use. And you can get started in just 10 minutes. Yet it has all the editing, formatting and printing power of the most expensive word processors on the market.

With SuperWriter, you get Super Spellguard.

And that's not all. SuperWriter includes Super Spellguard, one of the leading spelling checkers on the market (regularly \$195.00). Plus a sophisticated merge-print function for turning out customized form letters on command.

SuperWriter can be used for everything from school reports to technical manuals, from personal letters to high-volume business correspondence, all with equal ease and accuracy.

Imagine your correspondence enhanced by the power of SuperWriter!

B **SuperWriter** by Sorcim (Includes Super Spellguard). ReadyToRun

Order no. SWR \$295.00
(Manufacturer's suggested list price.)

You can learn to use SuperWriter in just 10 minutes!

10 Minutes with SuperWriter will teach you to create finished, perfect letters in just ten minutes, even if you've never before used a word processing program!

With this manual's support, you easily learn more sophisticated commands. This 150-page User's Guide also includes an index and the SuperWriter AnswerCard™ which summarizes commands and special keys. And SuperWriter's special stick-ons make it easy to remember the command keys so you'll never search for special commands again!

Check Spelling

Document: A:MARSHALL Document Proof Read
Dictionary: SW.DIC Length: 20,000 words
Currently Proof Reading

# Words Read	# Words Unique	% Words Unique	# Words Mismatch	% Words Mismatch
1,931	515	26.7%	12	0.6%

Options for Proofing:
 -Review Mismatched Words
 -Quick Review Mismatched Words
 -Mark All Mismatched Words

It's easy to file documents with SuperWriter.

You don't have to remember which file is which just from its code. Use SuperWriter's exclusive Document History feature to keep track of your documents in detail: author, operator, date, date last modified and comments. It's easy with SuperWriter:

Document History

SCREEN:

Document: A: SIMPSON.LTR SuperWriter 1.00 08:
 Comment: Cover letter-Hall report
 Doc num: 12 Revision # 2
 Author: B. Williams Creation date: 08/04/83
 Operator: AA Last mod date: 08/10/83

Have a question? SuperWriter has the "AnswerKey!"

No need to memorize long lists of commands. Just press SuperWriter's AnswerKey (a special key on your keyboard) and an AnswerScreen instantly appears to explain how to perform any command you wish. It's much faster than looking it up in the book!

AnswerKey

COMMAND - ESC, M and:
 B Moves marked block to current cursor location. The text is automatically deleted from its old position and inserted at the cursor position. Block markers are removed and the text is re-justified.
 ESC Returns to the Edit without moving text.
 Press any key to continue.

Sure, everyone makes mistakes... But when you can't afford to be wrong, use Super Spellguard.

Find your typos and spelling errors before anyone else does. In just 8 key strokes, you command Super Spellguard to search through your text and check for errors.

Super Spellguard checks up to 20 pages in the time it takes most people to type 70 words. With its 20,000 word dictionary, it doesn't miss many mistakes.

You can tailor Super Spellguard to fit your needs exactly:

- Beginner or expert level.
- Add new words (even specialized jargon).
- Change error-marking character.
- Combine dictionaries.
- And much more.

And to keep you looking good, Super Spellguard checks itself for those rare program problems. And, if we ever find a way to make Super Spellguard even better, you'll be able to add the improvements at home—with our easy, fool-proof instructions.

Starts Spellguard

Word	Action
MACH	M

Tells it which file to check

Press M to mark the error

The Facts about Spellguard:

- 20,000 word dictionary.
- Checks up to 10 pages in 39 seconds: that's as many as 15½ pages per minute.

If you use any of these word processing programs, you may want Super Spellguard...

- WordStar
- Spellbinder
- Wordmaster
- Easy Writer (Version 1.1 or more recent.)

B **Super Spellguard** by Sorcim ReadyToRun
 Order No. SSG \$195.00
 (Manufacturer's suggested list price.)

New! Flexible word processing & data management in a single program.

Spellbinder: The office management system that processes words and much more.

Now you can write documents, sort mailing lists, print in two-column format, create blank forms, handle math functions, even write checks—all without leaving this one program.

No wonder they call Spellbinder, "the word processing and office management system."

Spellbinder offers all the word powers you'd expect from a full-featured, word processor.

- Type, edit, correct, rearrange text.
- Full cursor movement, tabs, margins.
- Full block movement plus column movement.
- Multi-line headers and footers.
- Help messages suit your level of expertise and make learning easy.
- Merge standard paragraphs to produce customized form letters.
- Decimal tabs, reformatting, margin changes, block indentation offer you sophisticated word processing alternatives.
- Print to Screen to see exactly how it will look when printed. You save time and paper!

Spellbinder corrects all your misspelled words and typos! ▼

How to get product support when you need it.

Call anytime between 8:00 a.m. and 8:00 p.m. (Pacific time), Monday through Friday. You'll get the direct, courteous help you need on the spot from our software experts.

“If you have not yet adapted your personal computer to CPM, you should look into it.”



Plus Spellbinder offers you data management power and flexibility through these special features:

- Automatic line numbering keeps your forms and reports organized and accessible.
- Save complex page formats for future use. and save time and energy.
- Forms fill-in just like a database!
- Define special function keys yourself. Create your own record management procedures.

Spellbinder brings out the best in your printer.

Finally, letter-quality precision printers can be used to their fullest. Spellbinder handles typographic-quality printers, but even on standard printers, it will:

EDIT L 001 C001 *WORD*

The Spellbinder manual makes word processing easy.

*The Spellbinder Made Easy manual will introduce you to the SPELLBINDER word processing program. It is designed for people who have never used a word processor, and provides step-by-step instructions on how to create and edit text, how to perform basic disk and printing operations, and how to use special functions and applications.

insert (*E) indent (*Y) cursor (*H*J*K*L*S) clear (*C) mode change (*O) forward (*F) back (*B) del (*D) enhance (*U) COMMAND (*Q) 2nd SET (ESC)

Centers copy

How do you spell this? Spellbinder knows.

This isn't one word, but Spellbinder can tell!

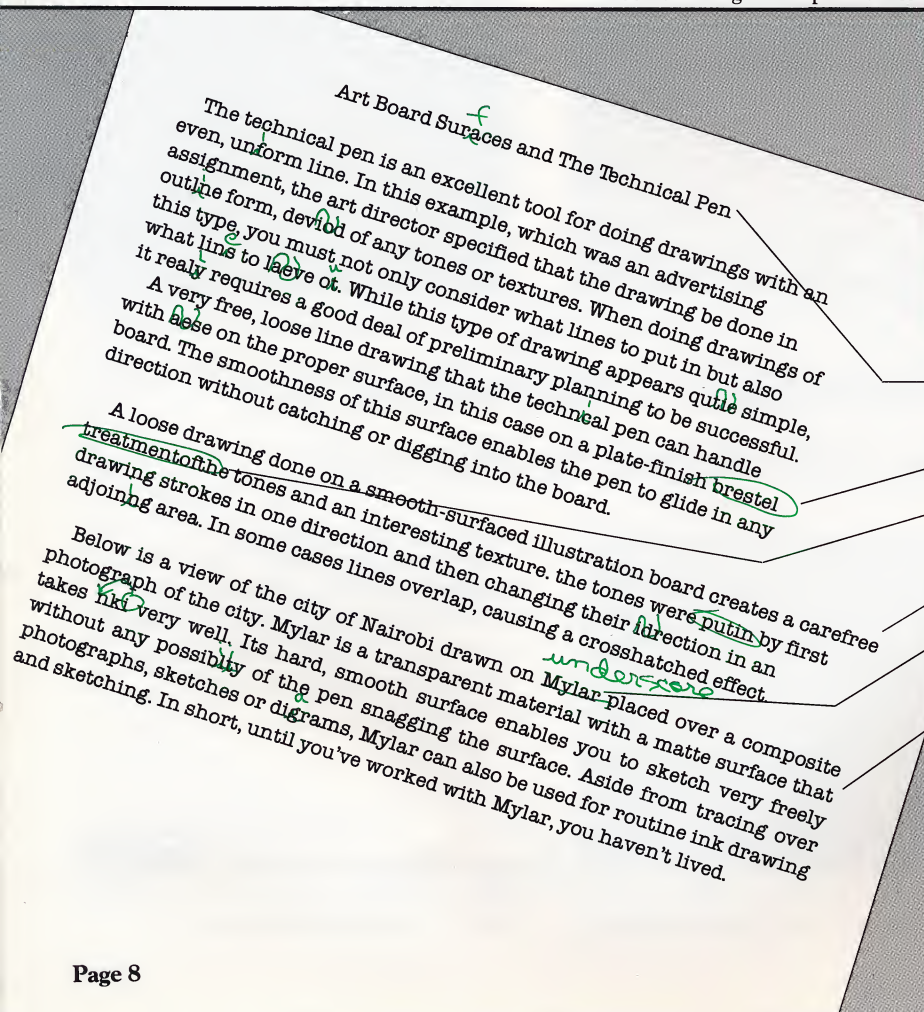
Change copy width at the touch of a few buttons.

Enter this word in Spellbinder's custom dictionary and catch typos forever after.

Spellbinder justifies text any time.

- Tell Spellbinder to flag sentences over 25 words (or whatever length you choose) so you decide what length is just right.
- If you tell Spellbinder not to allow paragraphs over six lines long (or whatever length you desire), it will flag the ones that run over.

◀ Make rough drafts like this one letter-perfect before they are typed with Spellbinder. And Spellbinder's file merging features mean you can also create blank forms, handle math and even write checks!



See how Spellbinder's sophisticated word processing and file management features can increase your efficiency.

- Print in two columns.
- Provide "true" proportional spacing (when available on printer).
- Line up columns of numbers, even with proportional spacing and right justification.
- Handle multiple-nested super- and subscripts.
- Allow "batch printing" that prints several files in a row, even while you're gone.

Merging form letters is automatic. So is blank form fill-in.

- Merge your mailing list and your form letter to create customized, personalized letters in no time at all.
- Create forms on the screen.

File Management? Spellbinder does that too!

- Sort your mailing list in alphabetical or zip code order.
- Sort and print your records in any way you want.
- Maintain lists easily. NO need for an extra record-keeping program.

Spellbinder has sophisticated macro commands for advanced computerists.

- Create custom help menus for repetitive forms fill-in.
- Perform elaborate formatting and processing of multiple files in a single keystroke.
- Define keys as macro-command keys as needed.
- Include mathematical functions: column and row additions, fixed point arithmetic to 16 digits.

Spellbinder is amazingly easy to learn, thanks to two special manuals.

There are *two* Spellbinder manuals:

One especially for the complete and total beginner. If you've never tried a word processor before, relax. The "Spellbinder Made Easy" manual makes learning to use this powerful program as easy as learning to use a typewriter. Don't settle for a less powerful (and useful) word processor just because you're new to it all!

You also get a manual for the expert and the adventurous advanced user, who will learn how to program with macros, print double column, handle proportional spacing, and perform printer interfacing.

Spellbinder has great powers, yet it's so well organized that the program is truly easy to learn, easy to use, and easy to remember.

Electric Webster: Spellbinder's new built-in spelling and grammar checker.

A proofreader and error-correction program, Electric Webster uses its built-in 50,000 word dictionary, plus the words and phrases you program into its memory, to check your copy for spelling and typographical errors.

Electric Webster also includes a special Grammatical Checking Feature that finds simple grammatical and composition errors while it reviews your spelling. It locates double negatives, wordy phrases and common misuses of many words. And it suggests a simple correction for the problems it finds.

Electric Webster is fast.

Efficient and compact, Electric Webster can proofread a two-page document in as little as 30 seconds (or a 100-pages in as few as six minutes). Its huge dictionary is compressed so it requires amazingly little memory (only 115,000 bytes of disk storage). Because the words you add are compressed the same way, dictionary expansion potential is nearly unlimited.

This proofreader works with you.

Electric Webster looks up the spelling of a

word for you and permits you to check the dictionary with backward and forward scrolling. It also allows you to guess at the correct spelling then checks to see if your guess is right.

Corrects all your errors for you.

Once you've located your error, Electric Webster will correct it everywhere it appears in your text. You just sit back and relax.

Hyphenation is easy with Electric Webster.

Electric Webster's optional hyphenation feature fills the document with discretionary hyphens so that end-of-the-line hyphenation is fully automatic.

B **Spellbinder** by Lexisoft. **ReadyToRun**
Order No. SBR \$395.00
(Manufacturer's special list price.)

B **Spellbinders Training Power** from American Training International. **ReadyToRun**
Order No. SBT \$75.00
(See page 30 for details.)

With the Spellbinder program comes a handy manual for beginners and experts.

"We have trained two secretaries on this system, neither of whom had ever worked with a microcomputer before, and both were able to produce strictly professional material. We cannot speak highly enough of this software . . ."

Personal Computer World
London, England



Solve your sophisticated writing problems with Writer's Pack: it's like having an English teacher in a box.

Writer's Pack offers word processor users a unique and effective combination of proofreading and page design elements that can't be beat. With it, you can turn your rough draft into finished, letter-perfect work in just minutes - footnotes, bibliography and all.

Proofreads with a dictionary of 35,000 words.

Writer's Pack proofreads your work against 35,000 words drawn from the acclaimed Random House Dictionary.

Checks your grammar!

Writer's Pack finds wordy phrases, archaisms, punctuation problems, doubled words and phrases and points them out for correction. And it's flexible: you can add your own faulty phrases for it to find.

Tracks and arranges footnotes, bibliographies and more.

Writer's Pack numbers and formats your footnotes automatically, takes reference from a separate reference file and inserts them in your

text and automatically creates an index and table of contents for your document. And it keeps perfect track of page numbers, no matter how often you change them.

Writer's Pack also alerts you to any special printing changes while you are printing out your text so that you don't forget to turn the special printing feature on or off.

I **Writer's Pack** from Digital Marketing
Order no. WPK \$295.00
(Manufacturer's suggested list price.) **ReadyToRun**

The following products are also available separately:

I **Bibliography** from Digital Marketing
Order no. BLY \$125.00
(Manufacturer's suggested list price.) **ReadyToRun**

I **Documate** from Digital Marketing
Order no. DOC \$165.00
(Manufacturer's suggested list price.) **ReadyToRun**

I **Footnote** from Digital Marketing
Order no. FNT \$125.00
(Manufacturer's suggested list price.) **ReadyToRun**

I **Grammatik & Proofreader** from Digital Marketing
Order no. GMP \$99.00
(Manufacturer's suggested list price.) **ReadyToRun**

Archaic word Doubled word Wordy phrase Reversed letters

I have found a number of problems writing this paper. Amongst the many sugestions, I've discovered one solutoin - Writer's Pack.

This this comprehensive package includes five simply elegant programs.

Random House Proofreader: Checks your speling against a 35,000 word dictoinary.

Grammatik: Finds wordy phrases, archaic words, punctu- ation problems, doubled phrases - and you can add you: own phrases to check for.

Bibliography: Takes references from a separa file and puts them in your text. "So you'll alw them when you need them (Wood (?), 19).

DocuMate/Plus: Automatically creates an ind of contents for your document - no matter ho times you change the paging.

Footnote: Numbers and formats your footnot and easily². Also checks that you turn special

1 Or moves the separate note. Proofree

Misspelled word.

Forgot to include this footnote

Lost reference.

Bibliography
Woodford (1979) "The effects of word
INDEX

I have found several problems writing this paper. Among the many suggestions, I've discovered one solution - Writer's Pack.

This comprehensive package includes five simply elegant programs.

Random House Proofreader: Checks your spelling against a 35,000 word dictionary.

Grammatik: Finds wordy phrases, archaic words, punctu- ation problems, doubled phrases - and you can add your own phrases to check for.

Bibliography: Takes references from a separate reference file and puts them in your text. "So you'll always have them when you need them (Woodford, 1978).

DocuMate/Plus: Automatically creates an index and table of contents for your document - no matter how many times you change the paging.

Footnote: Numbers and formats your footnotes¹ quickly and easily². Also checks that you turn special printing off.

¹ Or moves them to a separate note file.

² And its easy to learn.

DocuMate/Plus sorts your index entries to make an index and a table of contents.

Grammatik finds the problem and suggests the solution (for example, "several" instead of "a number of").

Random House Proofreader finds misspelled words.

Bibliography automatically inserts reference into your text and produces a bibliography.

Footnote makes sure you don't forget a footnote, reminds you to turn off bold printing, and formats your footnotes.

Footnotes:
① Or moves them to a separate note file.
② And its easy to learn.

3 x 5 cards for references to sort.

3 x 5 cards for index entries.

Started bold printing and forgot to stop it.

Footnote too long for the page

Introducing CP/M spreadsheets and database programs for your business or home.

With CP/M you now have access to professional electronic spreadsheets and sophisticated database programs.

Spreadsheets for business and home use.

A "spreadsheet" is a sheet of paper with rows across and columns down filled with numbers. An electronic spreadsheet just puts those rows and columns on your computer screen.

With an electronic spreadsheet program, you can produce business analyses, projections, lists of numbers, anything that can be organized into rows and columns.

Spreadsheet programs are the most popular on the market today. They are powerful, useful and they are easy to learn.

We've selected the bestsellers for you.

Database programs that manage files automatically save you time and hassles.

"Databases" are simply collections of information: the files in your filing cabinet are a database. If you keep a mailing list of clients or club members, you're a candidate for a computerized database.

These electronic file clerks make organizing your information easy. No more separate files with repetitive information: the computer cross-references it all for you, quickly and accurately. Databases are incredibly flexible. You can generate reports and lists when needed and in any format you choose.

Database and file management programs dramatically reduce filing time while greatly increasing your access to useful information.

Personal programming tools make organizing easy.

Besides spreadsheets and databases, we've also included some popular personal programming tools. These are programs that help you organize your day: scheduling, datebooks and calendars and other "computer secretary" programs.

This is your personal invitation...

Take a few minutes to glance over these programs available now with CP/M. You'll be amazed at how sophisticated and yet easy to operate they really are. And we think you'll be excited to discover how much they can improve the quality of your life - by saving you time, money and by just making life a little bit easier.

Flexible and easy to learn, you can design a complete business plan with CalcStar, WordStar's mathematical sister.

Now you can interface the popular word processing program WordStar with its mathematical sister program - CalcStar. Together, they can help you design a business plan, a marketing plan, an in-depth financial analysis, or any document requiring words and numbers.

And with CalcStar, you can generate clean, professional-looking, printed reports at the touch of a button or two.

Easy to learn and operate.

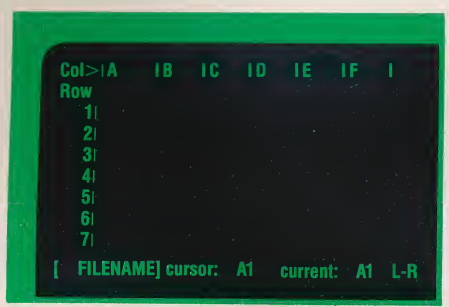
CalcStar is so easy to learn and operate that it not only leaves you more time to concentrate on business, but it actually does most of the work for you. It performs long and tiring math quickly, easily and accurately.

And CalcStar is flexible.

CalcStar doesn't hem you in like some electronic spreadsheet programs. See the sample below that shows how you control CalcStar's format.

Change Column Width In Three Steps.

Change column A to a width of 20 spaces instead of 10 spaces.



Use the format command
Type ;F



Type W



Type 20
Press RETURN



A 400-page CalcStar manual filled with step-by-step examples...

Just a few of the possible uses are:

- Balancing checkbooks.
- Estimating job costs.
- Asset depreciation.
- Forecasting business trends.
- Preparing income statements.

ScratchPad: your new electronic financial planning worksheet

The flexible worksheet for financial planning, ScratchPad records data and changes it at your command. Make fast projections and analyses and accurate calculations in seconds. Create your own formulas and transfer data from other worksheets.

With a worksheet size up to 256 rows and columns, ScratchPad can handle even the largest ledgers and accounting charts.

I CalcStar by MicroPro **ReadyToRun**
Order no. CLS \$195.00
(Manufacturer's suggested list price.)

I ScratchPad by SuperSoft **ReadyToRun**
Order no. SPD \$295.00
(Manufacturer's suggested list price.)

This program does everything the original SuperCalc does and a whole lot more... Introducing SuperCalc².

Take SuperCalc, a powerful, easy-to-use spreadsheet. Add more power, more speed and more practical features. What do you have?

SuperCalc².

SuperCalc² is the sophisticated, big brother of the popular SuperCalc spreadsheet program. It has added commands, added functions, new formats and many extended features.

With SuperCalc², you'll be creating spreadsheets in just minutes, even if you've never used a computer before. And SuperCalc² has the

unique, SuperCalc "AnswerKey," which gives you instant help anytime you're stumped.

“When you have a question, just press the 'AnswerKey'...”

Customize your spreadsheet.

Now you can use an array of options to customize the look of your spreadsheets. Set your own column width. Use floating dollar signs, embedded commas, percentages and variable decimal places. You can even hide columns and rows when you want to protect confidential data and formulas.

Consolidate worksheets. Share data. Upgrade your present program.

SuperCalc² can consolidate any number of spreadsheets into one. Sort rows or columns in alphabetical or numerical order. Or even share data with other CP/M-based software.

And all original SuperCalc users can upgrade to SuperCalc² without altering your present files!

Nothing outperforms the super-speed and super-accuracy of SuperCalc² on your home computer. Try SuperCalc². Your clients and

family will appreciate how fast and efficiently your work gets done.

B SuperCalc² by Sorcim. **Ready To Run**
Order no. SC2 \$295.00.
(Manufacturer's suggested list price.)

B SuperCalc Training Power **Ready To Run**
from American Training International
Order no. SCT \$75.00

“You can work almost by instinct.”

Employee name	Status	Gross Salary
Adams	M	\$ 1100.00
Bequette	S	\$ 750.00
Johnson	S	\$ 850.00
Jones	M	\$ 900.00
Samson	S	\$ 560.00

Super Calc² Features:

1. Arranges data by column or row.
2. New display features. Includes floating dollar signs, negative signs (also in parentheses), blanks for zero values, variable decimal places, scaling factors.
3. New math functions. Includes percent, modulo, true rounding.
4. Text constant. Enters text so it can be used as a value.
5. Calendar. Today's date, selected day, month and year, Julian conversions and day of the week from date.
6. Printer options. Auto form feed and double-spacing.
7. Consolidation of worksheets. Add, subtract, multiply or divide overlapping columns of different worksheets.

Start Date: 4/15/83
Days this period: 4/ 1/83
Recalculate YTD Y/N ? N: 15

Combinest any number of spreadsheets automatically!

Calendar/date capabilities.

Percentages

User-set decimal places.

Embedded commas.

Negative numbers in ().

Arrange reports numerically or alphabetically, like this

Numbers in 100's or 1000's.

ANY CONSOLIDATED MONTHLY PAYROLL

Emp #	Employee name	Status	Gross Salary	Deduction Percentages	Total Deduct	Net Pay	YTD Gross
34	Adams	M	\$ 1100.00	6.700%	(\$82.50)	\$ 1,017.50	\$6,200.00
49	Bequette	S	\$ 750.00	.8%	(\$56.25)	\$ 693.75	\$5,250.00
84	Johnson	S	\$ 850.00		(\$63.75)	\$ 786.25	\$5,950.00
92	Jones	M	\$ 900.00		(\$67.50)	\$ 832.50	\$6,300.00
12	Samson	S	\$ 560.00		(\$42.00)	\$ 518.00	\$3,920.00
19	Santos	M	\$ 650.00		(\$48.75)	\$ 601.25	\$4,550.00
45	Smith	S	\$ 700.00		(\$52.50)	\$ 647.50	\$4,900.00
Total # employees		7					
Total Gross Salaries (100's)			\$55.1				
Total Deductions (100's)			\$ -4.1				
Total Net Pay (100's)			\$51.0				

For toll-free ordering, call 800-345-4300

Discover the power of your home computer with Personal Pearl.

What do you do when you can't do enough with your computer? Give up and play video games? No, let's face it, you bought your computer for its versatility. You expected it to manage information so you could retrieve it quickly and in an easily understandable form.

The question is . . .

"How can I get my computer to do what I want?"

You could go to your computer store and buy a library of software. But that gets expensive. Or you could sit down and write your own programs, if you had the time *and* the expertise.

Try Personal Pearl!

Your microcomputer *can* do more than simple word-processing or running pre-packaged software. With Personal Pearl, you can handle your information in your own, personal style.

Personal Pearl allows you to manage data easily. The package is so simple, beginners can create their own applications in no time at all.

And with experience you will appreciate Personal Pearl's sophistication and power. With it, you can create information files which can be processed with programs written in BASIC, COBOL or Pascal.

Personal Pearl is also compatible with SuperCalc, SuperCalc² and WordStar as well as with any program that creates files in ASCII text files.

How do I work with Personal Pearl?

Personal Pearl has programs to guide you through all its functions. Simply use your keyboard to respond to its prompting with your information.

If you have a question, Personal Pearl has the answer. It even finds errors and helps you

make the corrections.

No need to worry about "bombing the program". Personal Pearl is designed to let you perform the task you wish simply, without difficult programming languages.

Designing with Personal Pearl

You identify the type of information you'll collect and in what form. Next, you'll define the format of your printed reports. They can be exactly like the format you use for your information file, or you can design several types of reports generated from the same information.

Working with your programs

Even after you enter information in the form you want, data may be added, changed or deleted anytime.

Once all your information is entered the way you want it, you can produce your reports. You can even apply data from more than one Personal Pearl information file onto a single report.

Restructure and summarize data as required!

Personal Pearl has total information processing capabilities. It can be used to increase the power of a word processing program or a spreadsheet program. For instance you can create



“Personal Pearl offers you the strongest, easiest to use database manager I have seen at any price . . .”

— InfoWorld,
March 1983

“Now I can keep everyone's calendar up-to-date, file and find notes and information on clients, and do all my bookkeeping — even print checks — and still have time to take my coffee breaks! Thank you, Personal Pearl.”

Kathy Patel
Palo Alto, California



a spreadsheet file that can be processed by SuperCalc.

Personal Pearl's on-disk library gets you started.

Personal Pearl's starter library includes:

- **A calendar** — so you can begin keeping track of your appointments immediately.
- **A people/information file** — so you can conveniently store and retrieve information on your friends, business associates and clients.
- **A cash disbursements journal** — so you can record and print checks quickly and conveniently.

Don't be misled!

Only Personal Pearl combines such an easy-to-use design with a powerful database manager. Power and simplicity . . . that's why Personal Pearl is one of the best-selling software packages around.

B **Personal Pearl** by PearlSoft **ReadyToRun**
Order no. PPL \$295.00
(Manufacturer's suggested list price.)



The Personal Pearl Manual turns beginners into experts — fast!

Personal Pearl's three part, 400-page manual provides step-by-step instructions, complete with illustrations. It has all the answers you need.

The Easy Tutorial . . .

. . . quickly turns beginners into experts. This set of easy exercises teaches you to:

- Design a form.
- Enter information.
- Display the information or print it out.
- Change the form design.

The Advanced Tutorial . . .

. . . shows you how to take full advantage of Personal Pearl. For example, to keep a record of client appointments and account charges, you'll . . .

- Create an appointment schedule.
- Produce client invoices.
- Print out mailing labels.

The Reference Manual . . .

. . . gives a detailed summary of Personal Pearl's features . . .

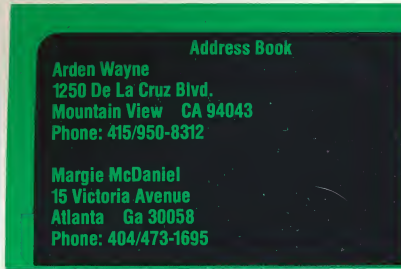
- Transferring information between forms.
- Using formulas for computations.
- Sorting information.
- Using Personal Pearl with SuperCalc, WordStar and programs written in BASIC.

For toll-free ordering, call 800-345-4300

Now you can finally get organized! Let Personal Pearl manage your work at home and in the office.

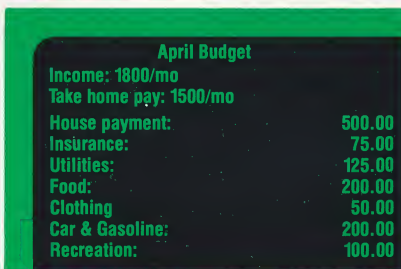
Create an address book

Have trouble remembering names and addresses? Solve that problem with a Personal Pearl file of names, phone numbers, even birthdays.



Control your household budget.

Ever wonder where all the money goes? Keep your budget records organized and up-to-date without headaches. Keep control of your finances with Personal Pearl.



Appointment scheduling was never so easy.

Need a reliable and updated calendar? Personal Pearl keeps track of your appointments for you. It never forgets.



Home inventory.

Use Personal Pearl to create a list of your belongings and their value for your insurance records.

Keep your income tax records accurately, conveniently.

Keep track of the information you'll need at tax time. Income, exemptions, credits and expenses are accurately recorded and tallied for your convenience.

Balance your checkbook in record time!

Keep your checkbook in balance by using Personal Pearl's brainpower, not your own. Save time and hassle. Let Personal Pearl keep your financial records up-to-date. It will also calculate interest earned and track your other investments - stocks, bonds, securities, etc.

Appointment scheduling was never so easy.

Need a reliable and updated calendar? Personal Pearl keeps track of your appointments for you. It never forgets.

Now expense reports are a breeze.

Is it a chore to fill out your expense report each week? With Personal Pearl, you can easily record and quickly calculate your travel and business expenses. Once you set up the standard calculations, it does them automatically whenever you enter new information.

Inventory control without having to catch up.

Personal Pearl can manage your inventory, quickly, painlessly. All you do is enter a few numbers. Personal Pearl makes all the connections.

Keep address lists and print labels.

Personal Pearl has a special feature: it prints out address labels! it can keep your mailing list up-to-date and in order as easily as you can punch in a few keys. And it prints out address labels in just seconds!

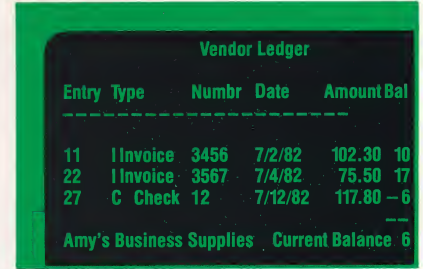
Marketing/sales analyses were never so easy.

Making a sales chart can be a time-consuming and frustrating job. Now you can let Personal Pearl track the progress of your sales and your profits. **Payroll processing on a personal computer!?**

Now you can record the earnings of each of your employees for each payroll period, calculate withholdings and year-to-date gross income accurately and in a matter of seconds. And you *don't* have to be an accountant to do it.

Billings, purchase orders, personnel records - keep your paperwork in control with Personal Pearl.

Time to collect? Personal Pearl will produce monthly invoices for each of your accounts. Too much paperwork? Personal Pearl will simplify your purchasing procedures and keep you on track. It's review time? Keep a record of your employee's work experience, salaries and review dates with the amazing organizing capabilities of your new Personal Pearl information management software.



Try this complete, personalized software package.

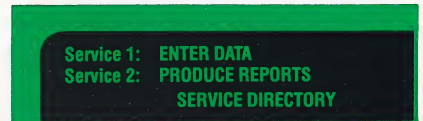
Personal Pearl has everything you need to set up a personalized information management system. No need to buy extras.

- A library of programs - the "Info-Base" - that captures and stores data, then produces reports.
- The software generator creates all the programs you need.
- The relational data base allows you to share data among your various information files.

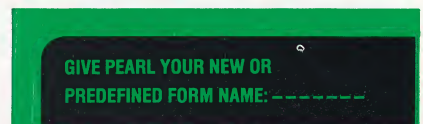
It's easy to use.

If you can operate your computer, you can use Personal Pearl. There's nothing difficult or technical about it. Personal Pearl prompts you in plain English every step of the way.

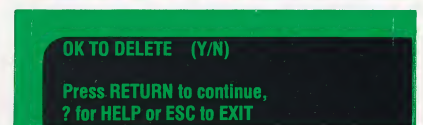
It offers you simple choices.



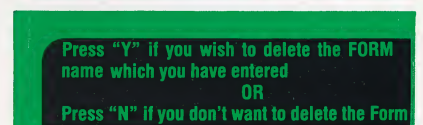
And clear instructions...



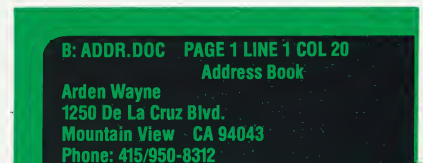
Yes/no answers...



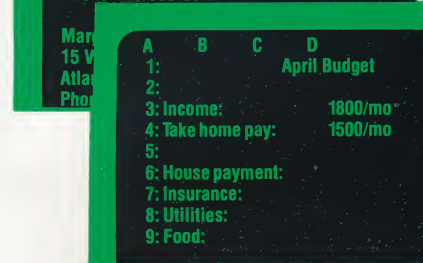
And on-screen help whenever you need it!



You can use Personal Pearl with word processing programs like WordStar...



... and with worksheets like SuperCalc.



When you need to know what's happening when and how much it costs, you need Milestone.

Do you draw and re-draw time lines on a blackboard? Buy reams of chart paper? Shuffle daily through project memos? Milestone may be the answer to streamlining your project management problems.

"When will this project be done?"
"...How much will it cost?"

Do these questions sound familiar? The answers are important to the success or failure of your business, but too often just keeping up-to-date on schedule and cost changes eats up most of your time.

Milestone to the rescue!

With Milestone, your personal computer can now become your tool to quickly answer all those troublesome questions about project time and costs. All you do is enter the information about labor, materials and deadlines, and this powerful and flexible management program displays comprehensive, easy-to-read time schedules and project analyses. And it auto-

matically recalculates schedules and costs whenever new information is added.

Without the aid of a sophisticated computer program, project management is tiresome and up-dating is clumsy. Once only costly PERT/CPM programs on mainframe computers could handle complex project tracking and planning tasks. Now Milestone enables your microcomputer to provide reasonably-priced project management. Years of proven usage have made Milestone popular with people who need an easy-to-use planning and management tool. It interacts with you so you can quickly generate comprehensive reports and answers.

How to use Milestone.

Simply divide your project into several steps. Enter the data as the program prompts you to. After entering all the preliminary information, Milestone can generate a time schedule. Summaries of time and costs are displayed as they are calculated. A list of commands is displayed on the screen at all times. You never have to wonder what to do next.

You can even ask "WHAT IF" questions and see the impact on your project.

What can Milestone do?

Milestone can help you plan, schedule and control any small project. It will tell you which activities are time critical. And help you discover which activities may be delayed without holding back the entire project.

With Milestone, you can quickly investigate the tradeoffs between manpower dollars and time. You can prepare a detailed project cost estimate based on a summation of each individual activity's equipment and manpower expenses.

You can update your schedule *anytime*. Whenever you make a change, Milestone in-

stantly displays how the change affects your project schedule.

Now print out professional reports quickly, automatically and easily. Now you can communicate the plan to your project team. Milestone gives a clear picture of what has been done, what needs to be done, and the time/cost involved.

Milestone also can be used in conjunction with PERT/CPM packages. On a large project with thousands of activity arrows, each activity can be regarded as a project in itself. Using Milestone on each will reduce your tracking time and make planning easy, maybe even fun!

So when you need to know when and how much it costs, you need Milestone.

Features:

- Instantaneous computation and display.
- Time units measured in hours, days, weeks, months or quarters.
- 9999 time units maximum.
- Generates reports and large time schedule charts.
- Links several jobs together into one project schedule.

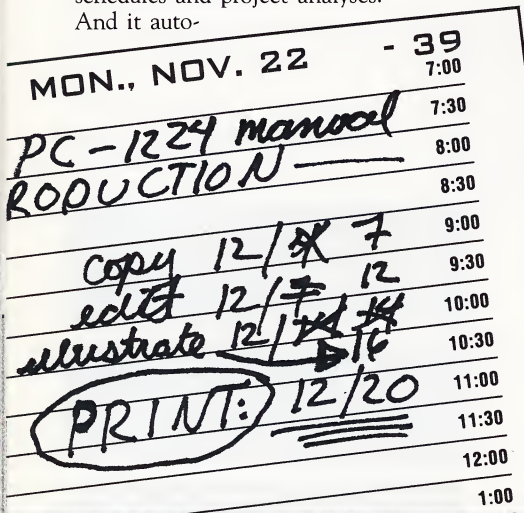
B Milestone from Digital Marketing ReadyToRun

Order no. MLS \$295.00
 (Manufacturer's suggested list price.)

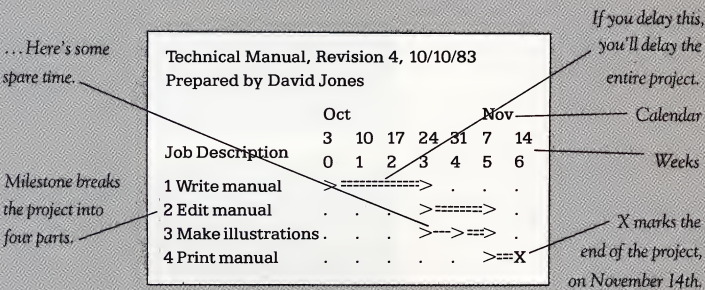
The Milestone Manual

Milestone is so easy to use, you may never have to open the manual. But if you do... Relax. It's easy to read.

Milestone's 90-page manual leads you step-by-step through planning a project, then shows you your choices at any point in the program, and steers you away from making any mistakes.



Life is full of little surprises. Plan for them with Milestone... the big planning system for your microcomputer.



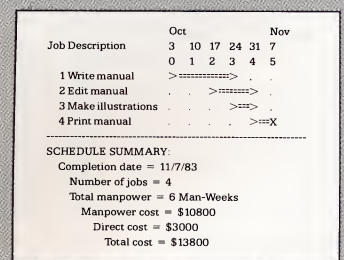
For anyone who has ever asked:

- When will this project be finished?
- How much will it cost?
- What could stall this work?
- Who do we need working on this project?
- Where do we have slack time we can fill?

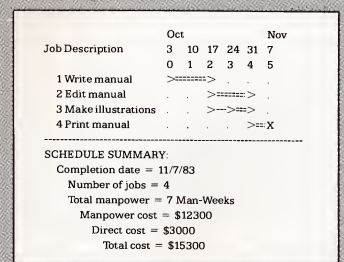
Ask Milestone. It has the answers in easy-to-make, easy-to-read charts that communicate your project to others—quickly, efficiently and professionally.

Don't be taken by surprise. Spend a few minutes with Milestone. It lets you check the alternatives and make informed decisions in the time it takes to finish a cup of coffee.

What if we started editing a week earlier?
 ... Press 6 keys and find out.



What if we brought in another engineer?
 ... The answer is only 6 keys away.



Both projects end on the same day, but this one is \$1,000 cheaper!

Let Friday! manage your paperwork every day of the week.

PART NUMBER	DESCRIPTION	QUANTITY ON HAND	UNIT COST	EXTENSION
A2A31	HAMMER, TACK	7	3.91	23.87
23A232	HAMMER, CLAW	44	6.37	280.28
23A233	HAMMER, SLEDGE	3	11.27	33.78

PART NUMBER	DESCRIPTION	QUANTITY ON HAND	UNIT COST	EXTENSION
23A231	HAMMER, TACK	7	3.41	23.87
23A232	HAMMER, CLAW	44	6.37	280.28
23A233	HAMMER, SLEDGE	3	11.26	33.78
23A247	PAIL, GALVANIZED	12	2.82	33.84

PART NUMBER	DESCRIPTION	QUANTITY ON HAND	UNIT COST	EXTENSION
23A231	HAMMER, TACK	7	3.41	23.87
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23A233	HAMMER, SLEDGE	3	11.26	33.78
23A247	PAIL, GALVANIZED	12	2.82	33.84

Friday! is the information manager that comes in handy every day of the week. It's great for:

1. **Inventories.** You've seen how Friday! helps you keep track of supplies.
2. **Invoices.**
3. **Job costs.** With Friday! you can figure out how much money it takes to get the job done.
4. **Paychecks.**
5. **Customers.** Keep customer records in electronic files for efficient billing and mailing.
6. **Personnel.** Friday! can keep track of sick days, vacation days, medical benefits and more.
7. **Suppliers.**
8. **Sales & commissions.** Who's your best

9. **Quick summaries.**
 10. **Custom reports with special headings, subtotals, totals, etc.**
 11. **Form letters and mailing labels.** Friday! has a complete mailing system that lets you print form letters quickly and easily.
 12. **Just about anything else you keep in paper files.**
- Friday! is the office assistant you've been looking for.

The Friday! manual is designed to help you learn quickly and easily. It contains:

- **To Begin Section** with essential information to get you started.
- **Short Lesson** covering important features of the program step by step. For your convenience, highlighted boxes show what you type and what the screen displays.
- **Handy Reference Section** explaining the numbered menus and prompts you'll see on screen. (Notes, cautions, and important information are boxed and highlighted.)
- **An Index** so you can find the information you need fast.

And the manual has a built-in stand so you can prop it up while you work with Friday!

Turn your unwieldy paper files into efficient electronic files... With Friday!, you can:

- Store information in a file.
 - Retrieve information in seconds; then change, delete, or print it.
 - Sort information.
 - Design quick or custom reports.
 - Even produce form letters and mailing labels.
- Anyone in your home or office can quickly learn Friday!'s simplified file handling system.

Get control of your inventory on Friday!

Hard to keep track of supplies? Quantities changing daily? Inventory reports outdated by the time you finish them? Take stock with Friday!:

Monday... Copy inventory data from paper to electronic files.

It's easy to create an inventory file. First type **A** to add a file and give it a name like INVENTORY. Next, describe the information that goes in the file - part numbers, quantity, unit cost, etc. Then begin entering your data. It's that simple.

Friday! lets you change the file format as often as you like. Protect confidential data so it doesn't appear on screen. Or use Friday!'s typing guide to prevent typos.

PART: NUM	DESCRIP	QUANTITY	COS*
23A231	Hammer, tack	7	3.4
23A232	Hammer, claw	44	6.3
23A233	Hammer, sledge	3	11.21
23A247	Pail, galvanized	12	2.8

Tuesday... Find and update inventory records fast.

Need to know how many tack hammers in stock?

Press **Q** for Quick Find. Type the part number:
23A231.
Instantly the record appears on screen.

File: INVENTORY	EDIT/VIEW	RECORD: 1
PART: NUM	[23A231]	
DESCRIP	[Hammer, tack]	
QUANTITY	[7]	
UNIT: COST	[3.41]	
EXTENSION	[23.87]	

Updating information takes only a few key-strokes. Just type **E** for edit and change the quantity on hand, for example.

Wednesday... Which supplies are running low?

Friday! can give you an inventory report in minutes.

It's easy to produce an inventory report. Just tell Friday! where you want your title, headings and information to appear. If you need a total or subtotal, Friday! can calculate it for you. And Friday! selects only the information needed for the report. So you can list the items in low supply.

ITEMS IN SHORT SUPPLY				
Part Number	Description	Quantity	Unit C	
23A231	Hammer, tack	7	3	
23A233	Hammer, sledge	3	11	

Thursday... Design a purchase order.

Now that you know what supplies are running low, Friday! can help you send out purchase orders like this one:

UNION HARDWARE, INC.		PURCHASE OI	
TO: City Hardware Suppliers 21 S. First Street Sunnyvale, CA 95122			
SHIP TO: Union Hardware, Inc.	BILL TO: Uni		
5551 Junction Road	P.O		
Hayward, CA 95232	Hay		
PART: NUM	DESCRIP	QUANTITY	U
23A231	Hammer, tack	10	
23A233	Hammer, sledge	5	

Friday! can also do a tax form, expense voucher, time sheet or any other business form quickly and easily.

And Friday! files can be used with computer programs like WordStar and dBase II, the sophisticated database management system.

Friday!... Have a nice weekend!

When it comes to managing information, you can turn any day into Friday!

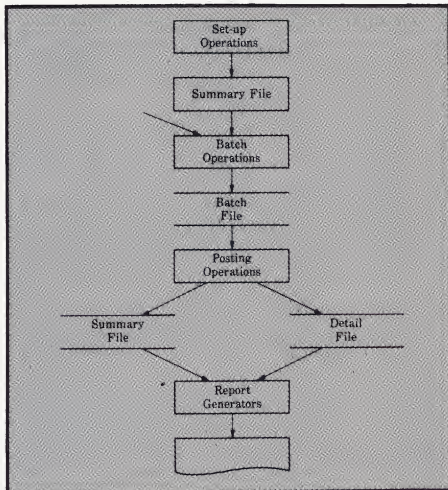
dBASE II information management system organizes your files around the answers you need.

If your file drawers are bursting and you can never seem to find the right folder in the right file; if you need to constantly cross-reference, cross-file and cross-index information – invoices, notes, sales histories, anything; if you want your information organized and available in a matter of seconds, then you just may need dBASE II – the information management system for your personal computer.

Organize your home or business.

dBASE II keeps all your information as close as your keyboard. It gives you computer accuracy and flexibility without large computer price tags.

Some 100,000 businesses now use dBASE II for constructing and manipulating information files filled with numbers and words. Its easy-to-



Data flow diagram for the legal cost accounting system.

eus, English-style program-building language allows you to sort, edit or display data directly from the keyboard. Or you can write menus to support your own customized information management system.

Retrieve the information you need anytime.

You can create exactly the information management system you need because dBASE II does more than just organize. It lets you build an entire program around your specific information.

It provides you with a built-in language so you can actually program your computer to serve your special needs. You can retrieve the information you need *without* the complexities and headaches of learning a computer language. In fact, with dBASE II, you eliminate nearly 80% of the time-consuming task of writing screens and menus.

What you can do with dBASE II.

There are thousands of applications for dBASE II. It is frequently used for mailing lists, accounting, inventory and checkbook balancing. It has many more specific uses, too. The medical, dental and legal professions, for example, use dBASE II to manage their voluminous files. A doctor might use dBASE II to help him turn one file into:

- A billing system.
- A patient profile.
- An appointment book.

With dBASE II, you always have the answer.

Because dBASE II can quickly reorganize your files around the information you need – name, date, description, account balance, and so on – you can use it to do virtually any kind of

dBASE II offers you a “plain-talk” manual that makes information management quick and easy.

dBASE II's 110-page tutorial shows you how to use dBASE II *right now*. It was written by someone just learning the system and reviewed by experts so you won't find any technical jargon or difficult concepts.

What you will find is plain talk on using dBASE II to make your work run more smoothly.

When you need an answer fast, dBASE II's 160-page reference guide has it. Well written, it will expand your understanding of this powerful system.

information management you need at home or in the office. dBASE II lets you work at the data level so that you make your changes without working in a language, without entering the complex and time-consuming world of basic computer programming.

Yet, dBASE II allows you to sort your file by rearranging all the information you need. Or you can save space by indexing the file to find your information fast. And because dBASE II allows you to rapidly reorganize the format of your files, you can make unforeseen queries and reports.

Now managing information is fast and easy for beginners, too.

It's easier and quicker to work with dBASE II than other data management systems because much of the managing of data files, screen handling and reporting is handled internally. This makes it easy for beginners to get started using dBASE II productively. And experienced computer buffs can save significant time!

Now you can show others what you know with dBASE II's custom reports.

dBASE II helps you design custom reports and makes all your numbers count. You decide on how you want your report to look – contents, totals, subtotals, page headings, page formats, etc. And you design your own mathematical formulas, including: arithmetic (+ - / *); relationship decisions (= = = =); and Boolean operators (NOT...AND...OR, for conditional situations.)

- A** **dBASE II** by Ashton-Tate ReadyToRun
 Order no. DB2 \$700.00
 (Manufacturer's suggested list price.)
- B** **dBASE II Training Power** by American Training International ReadyToRun
 Order no. D2T \$75.00
 (Manufacturer's suggested list price.)

◀ Stop wading through a sea of paperwork! Let dBASE II take over your information management system.

For toll-free ordering, call 800-345-4300



Here are just some of the things you can do with dBASE II.

BYTE magazine chose dBASE II over more expensive programs, saying . . .

“ . . . the dBASE II programming language is flexible enough to accomplish almost any application. ”

“Can you find Paul's medical record? We saw him last week . . . ”

Doctor: Fred Jamison
Name: Morgan, Paul Balance Due: \$40.00
Address: 134 Piedmont Ave
City: Berkeley State: CA ZIP: 94704
Phone: (401) 333-7786
Next Appointment: 11/8/83 Time: 1:00
Last Appointment: 10/10/83
Diagnosis: Asian Flu

“Which of our employees live in Oakland, California?”

Jones, Bill	Oakland	Records
Mark, Stella	Oakland	Accounting
Scully, Caitlin	Oakland	President

“Is there a book with the word 'light', in the title by someone named, John G.?”

Gardener, John	October Light
----------------	---------------

“How many bottles of shaving lotion have we sold in upstate New York?”

Amount sold	Product Name	Zip
1030	Shaving Lotion	22030

“What was the movie Coppola made in 1972?”

1972	Coppola, Francis Ford	Godfather
------	-----------------------	-----------

A doctor might use dBASE II to help him turn one file into three:

- An appointment book.

Date	Time	Name	Phone
11/8/83	8:00	Brown, Joe	223-3343
11/8/83	8:15	Graves, Peter	443-4432
11/8/83	8:45	Long, Jane	433-4404
11/8/83	9:00	Iver, Joann	433-0050
11/8/83	9:30	Frank, Frank	440-9087

- A billing system.

Amount Due	Name	Address
\$ 40.30	James, Mary	122 Main Street
\$ 55.00	Fry, Ronald	45 1st Ave
\$100.00	Collins, Barny	101 Hearst Ave
\$ 77.33	Arnold, Wilbur	116 Fair Way
\$ 10.00	Avorow, Anne	20 Old Lane

- A patient profile.

Diagnosis	Date	Name
Asian Flu	10/6/83	Ford
Asian Flu	10/10/83	Allen
Asian Flu	11/1/83	Lane
Arthritis	8/5/83	Brown
Arthritis	11/6/83	Kane

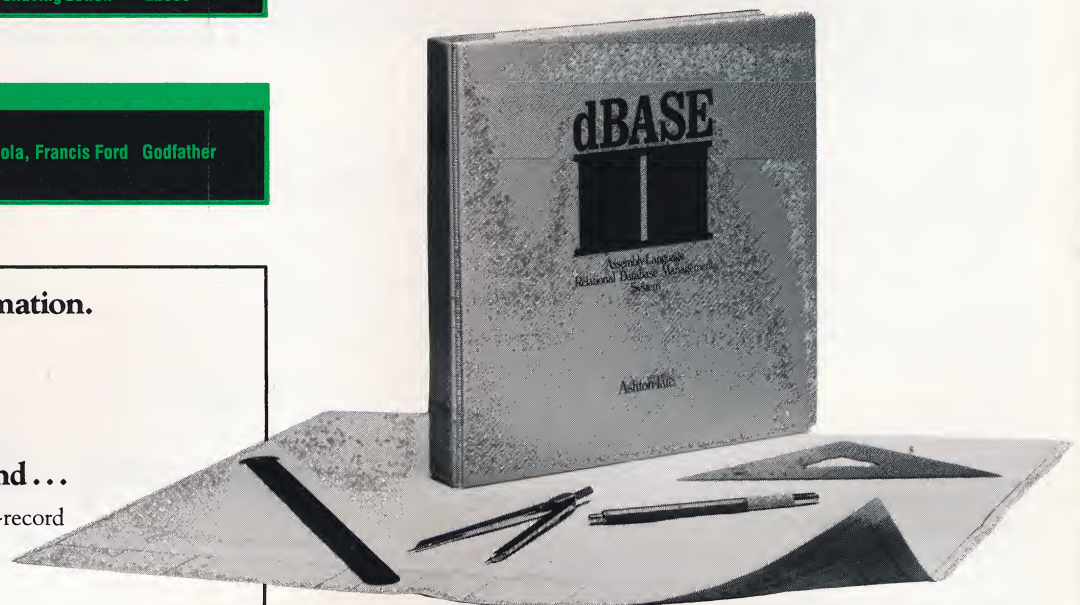
Try dBASE II, the information management system architect! Over 100,000 businesses now use dBASE II for constructing and manipulating information files filled with numbers and words.

dBASE II holds a lot of information.

- up to 65,535 records per file.
- 1,000 characters per record.
- 32 fields per record.

Imagine how long it would take you to do it by hand . . .

- 3 seconds to find one record in a 1,000-record file.
- 3 minutes to find 50 records in a 1,000-record file.

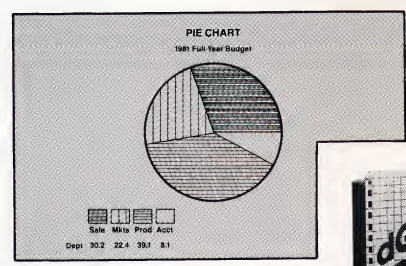


dGRAPH: The dBASE II graphics system that brings your facts and figures to life.

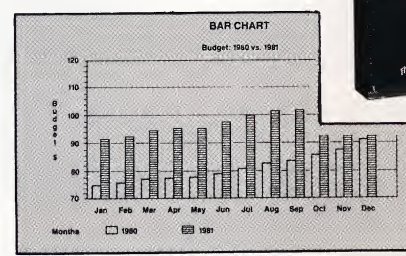
Give your data impact. dGRAPH is the graphics system for bar graphs, line graphs, pie charts and more. It combines simple and automatic operation and works well with data created by other programs like BASIC data files. It offers you visual power for persuasive presentations and clear-cut decision-making.

Graphics at your fingertips. dGRAPH puts graphic display at your fingertips. It's simple. All you do is assign variables and labels from your existing dBASE II files, following dGRAPH's step-by-step on-screen menus. dGRAPH even pulls out data field names automatically.

Compare cost centers in your business with dGRAPH's pie chart.



Evaluate related quantities over time at a single glance with dGRAPH's bar chart.



Choose your parameters and display types, and define your formats. Choose the level of detail you want: dGRAPH's special "Auto-graph" routine does the rest. No wonder they call dGRAPH "the dBASE II graphics query language."

Compatible with other programs. Although dGRAPH is specially designed to enhance the power of dBASE II, it can also be integrated into your word processing or other program. You can easily enter data yourself or access data from other programs and languages.

Depending on your printer's capabilities, dGRAPH provides up to 12 shade intensities for professional results. That means your charts will have maximum clarity and visual impact.

User manual for beginners and for programmers.

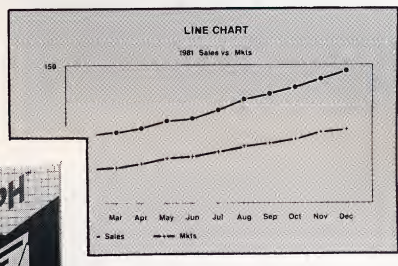
The dGRAPH manual includes a practical, hands-on Beginner's Guide. An on-screen "help menu" tells you where to find required information in the manual. A chapter for programmers shows how to interface with specialized printing equipment.

So if your information must be seen to be believed, try dGRAPH. You and your business associates will be pleased with its persuasive and informative results.

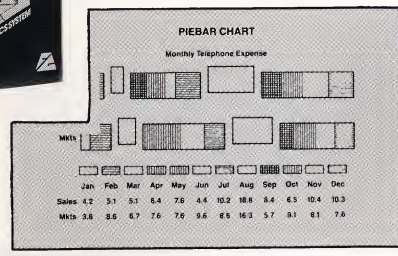
dGRAPH by Fox & Geller
Order no. DGF \$295.00
(Manufacturer's suggested list price.)

Ready To Run

Use dGRAPH's line chart to track sales versus cost, or income versus expense.



Mix the advantages of pie and bar chart tracking with dGRAPH's unique piebar chart.



Let QUICKCODE short-cut writing time on your dBASE II Programs.

QUICKCODE is a program generator: that is, a program that writes programs at your command. It saves you time and energy working with dBASE II.

It's very fast and very easy to use QUICKCODE because it's a "screen" program. You use the computer screen as an electronic blackboard, telling QUICKCODE where to put the information you want the computer to track.

You follow the on-screen menu selections to define your choices, and then QUICKCODE writes the program to do the work, using dBASE II's own programming language.

QUICKCODE is the shortcut to mastering dBASE II.

If you've ever hesitated about learning the popular dBASE II information management

program, hesitate no longer. Now you can take advantage of its power *without* weeks of study. QUICKCODE lets you work instinctively,

A manual for fast work.

The QUICKCODE manual helps you as much as the program itself, because:

- It's short,
- It assumes you know nothing about dBASE II, and
- It leads you by the hand.

Very soon, you will have a working database exactly as you had wished, producing advanced, intricate reports you never dreamed possible before!

showing the computer what you want rather than asking you to describe it in computer terms. And QUICKCODE *never* makes a typing error so your database will run properly *the very first time.*

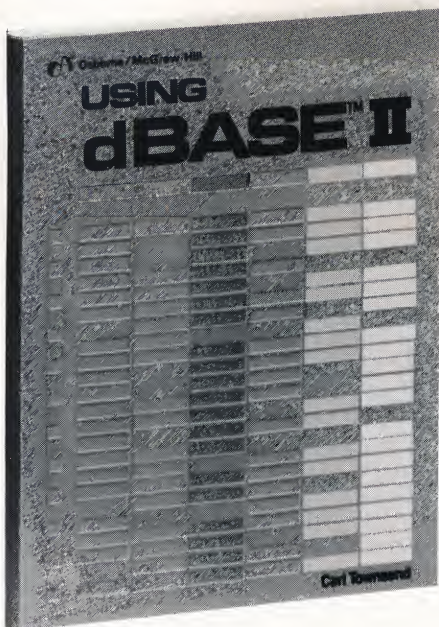
For dBASE II experts too!

QUICKCODE is also valuable to experts in dBASE II because it cuts down on code writing time and reduces typing errors, especially when you are generating repetitive program code. QUICKCODE gives your computer a chance to do what it does best: handle the details and leave the creativity to you.

QUICKCODE by Fox and Geller
Order no. QCD \$295.00
(Manufacturer's suggested list price.)

Ready To Run

Microcomputer consultant introduces business professionals to the benefits and uses of dBASE II.



Learn dBASE II installation, file, record and database management with this clear, non-technical guide.

Using dBASE II

p. 250

by Carl Townsend

This manual for business professionals is written in a clear, non-technical style. It introduces installation, file organization, records and databases as well as other advanced topics.

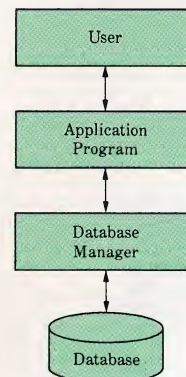
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Organized as a working manual and reference guide, *Using dBASE II* is written for the relatively inexperienced computer user who wants to learn, quickly and easily, how to use dBASE II, the powerful database management software package from Ashton-Tate. The book contains a wealth of programming examples and techniques which can solve a wide variety of business problems.

Carl Townsend is a microcomputer consultant with over 20 years of experience. He holds a MS degree in electrical engineering from George Washington University and has worked with a number of corporations, including IBM. He has also written five microcomputer books and a number of articles on the use of computers.

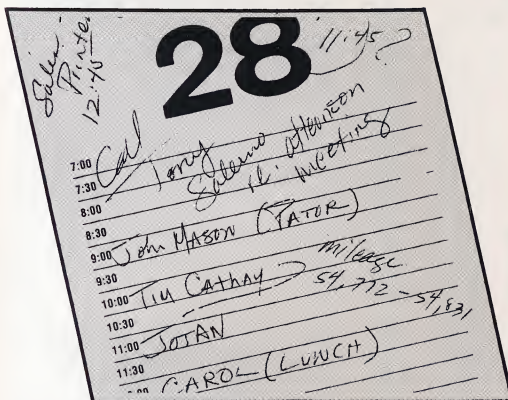
Using dBASE II

Order no. UD2 \$18.95
(Publisher's suggested list price.)



◀ "Using dBASE II" helps you learn to customize your dBASE II programs quickly and easily.

Turn this . . .



Personal Datebook: the electronic appointment book for your busy schedule.

Quickly finds the best opening.

Personal Datebook can find an opening between 1:00 and 1:30 on the second Wednesday in July faster than you can read this sentence.

Never forgets an appointment.

Personal Datebook can hold a week's cancelled appointments, set up a group conference, and still remember the lunch date with the boss you made two months ago.

Easily schedules a group conference.

Personal Datebook automatically finds a time when busy people can meet.

Into this . . .

Appointment Schedule Week/June 1			
DATE	TIME	CLIENT	PHONE
6/2/82	10.30	Gordon C.	415/245-22
6/3/82	1.45	Star Corp.	408/265-11
6/4/82	4.00	Bastor, Inc.	408/325-77
6/5/82	3.00	Thorensen, C. M.	415/264-88
6/7/82	11.00	Toracelli & Assoc.	408/321-54

Personal datebook checks before it ties up your lunch hour.

Reschedules cancelled appointments.

Personal Datebook stores cancelled appointments in a special list until you can reschedule them.

Immediately locates an appointment when you can't.

Personal Datebook locates an appointment automatically, even if you can't remember all the details. Make an appointment with Personal Datebook. It treats your time as valuable.

B **Personal Datebook** from Digital Marketing
Order no. PDB \$150.00
(Manufacturer's suggested list price.) **Ready To Run**

Notebook database makes the most of your disk storage space.

Most databases define the length of each category of entries by the longest entry you make. So *Jane Doe* ends up taking up as much space as *Marjorie Morningstar*. That wastes a lot of valuable storage space.

Notebook knows that *Jane Doe* has seven letters and *Marjorie Morningstar* has nineteen, and it uses space accordingly. That's why Notebook database is like adding storage space to your diskettes.

Notebook adds flexibility.

- It's keyed to your most important information, like employee name, book title or date of publication.
 - It can find an entire text or a piece of information in a text with a one-word clue.
 - It works with files from dBASE II, WordStar and MailMerge.
 - It prints reports.
- Whether you work with personnel records or product descriptions, legal briefs or lab journals, Notebook organizes your files and locates information quickly, conveniently, and with a minimum of disk storage space.

B **Notebook** from Digital Marketing
Order no. NBK \$150.00
(Manufacturer's suggested list price.) **Ready To Run**

InfoStar: The time-efficient cure for business file management ills.

If you run a business, you've probably stored information in files. Then you organized the information within each file. You used the same format for each record and you kept the records in some logical order. Good organization helped you quickly retrieve information when you needed it—for reports, statements, mailings.

Now, with InfoStar you can design forms, enter and retrieve information, sort records, and design reports in minutes instead of hours.

Design forms.

With the Formgen program, you design a form for the information you'll put in a file. Your form can be small or large—up to three pages wide and several pages long. So you can copy the paper form you're now using.

File management getting you down?



Protect against errors.

Formgen helps you fill in your form correctly. Just tell it the kind of information each blank should contain. Letters for names. Numbers for dates. You can have information entered twice for accuracy. Or specify calculations. Even pull information from other files automatically.

Store and retrieve information.

Use the DataStar program to enter information on your form. As you fill in the blanks, it will check for errors. Then store the completed form in a file. (Once the information has been stored, it's called a "record".) Later, you can again use DataStar to find, modify, erase or print out a record in seconds.

Sort records fast.

Use FormSort to keep your records in order, any order. Sort by letter or number, taking many "fields" into account. And it's fast. FormSort can sort up to 1376 records per minute!

Produce quick reports.

When you need a report immediately, the Quick Report program Rgen can produce it for you. Just tell Rgen what file to use, what information to print and what tallies to keep. (Rgen can produce totals, averages and more.) If you

use Rgen's format, you can print a report in minutes.

Design custom reports.

With Redit, you can create reports to suit your business needs. It lets you custom-design a report on your computer screen. You decide what information to use, when to use it and where to place it. Once the report looks exactly right, it's ready to print. Consider some of the possibilities:

- Use all or part of a file.
- Use information from different files.
- Automatically update files.
- Enhance the appearance of your report with boldfacing, underlining and different print sizes.

A secretary-file clerk at home, day & night.

InfoStar is like having an office manager, a secretary and a file clerk at work in your home, day and night. Try InfoStar and see how much you and your business associates appreciate the results. They'll enjoy the professional quality and accuracy of your reporting. And they'll notice your quick, well-informed replies. You'll enjoy all the time and energy you'll save.

InfoStar features make file management a breeze.

InfoStar's easy to learn and use.

1. InfoStar doesn't require you to learn a programming language.
2. The illustrated training guide shows you how to design forms, store and retrieve data, and create reports step by step.
3. Commands appear in English on the computer screen.
4. If you're confused about a command, InfoStar can provide on-screen help. InfoStar even refers you to a specific page of the reference manual for further assistance.

InfoStar's fast.

5. InfoStar can sort information as fast as any other information management system.

6. It can produce a Quick Report in about 60 seconds.
7. It even updates files automatically to save you time.

Use InfoStar with other programs including:

8. **WordStar** word-processor. Use InfoStar reports in WordStar documents.
9. **CalcStar** electronic worksheet. You might compare your projected expenses with actual expenses, for example.

Suggested uses.

10. Accounting systems: accounts payable, accounts receivable, and general ledger.
11. Schedules.
12. Mailing lists.
13. Budgets.
14. Many more.



I **InfoStar** by MicroPro ReadyToRun
Order no. IFS \$495.00
(Manufacturer's suggested list price.)

These two programs are also available separately:

I **DataStar** by MicroPro ReadyToRun
Order no. DSR \$295.00
(Manufacturer's suggested list price.)

I **ReportStar** by MicroPro ReadyToRun
Order no. RSR \$350.00
(Manufacturer's suggested list price.)

◀ Kick back and relax... InfoStar has come to the rescue.

For toll-free ordering, call 800-345-4300

InfoStar works with you and your other software to help you design forms, find and sort records fast and produce quick, effective reports.

Design forms.

Suppose you want to transfer the information from your address book to a computer file. First, use Formgen to design a form on the computer screen. In this example, our form will have "fields" for NAME, ADDRESS, CITY, STATE, ZIPCODE and PHONE. You can also tell Formgen about the information in each field. For example, specify that NAME contains letters, and PHONE contains numbers. InfoStar can then check for errors when you enter data.

```

NAME:
ADDRESS:
CITY:
STATE: ZIPCODE:
PHONE:
  
```

Store and retrieve information.

Now use DataStar to enter information on the address form. Type in a name, address, city, state, zipcode and phone number. If you make a mistake (by typing a number in the NAME field, for example), InfoStar will tell you. When you're done, store the completed form in your name-and-address file.

What if someone moves? No problem, DataStar can also modify or erase information in seconds.

```

NAME: Anderson, Andy
ADDRESS: 1024 Welch Rd.
CITY: Los Angeles
STATE: CA ZIPCODE: 90010
PHONE: 322-5178
  
```

Find records fast.

Suppose you've copied all the information from your address book to the DataStar file. Now you want to find a person with the PHONE 493-2225. DataStar shows you a blank form and you just type in the phone number. Instantly the complete record appears on screen.

Sort records fast.

You'll probably want to organize the records in your address file alphabetically by name. First use Formgen to choose NAME as the "key". Then run FormSort to reorder the file in seconds.

Produce a quick report.

It's easy to create a mailing list from your address file. Simply tell Rgen the file name, and what "fields" to use (NAME, ADDRESS, CITY, STATE, and ZIPCODE). Then press a few keys to see a printed report, listing all the names and addresses in your file.

MAILING LIST				
09/23/83				
NAME	ADDRESS	CITY	STATE	ZIPCODE
Adams, Joe	32 Old Mill Rd.	Woodside	CA	95252
Anderson, John	1024 Welch Rd.	Palo Alto	CA	94303
Bates, Robert	16 Stanford Ave.	Palo Alto	CA	94305
Cook, Jane	744 Webster St.	Los Gatos	CA	95125

Design a custom report.

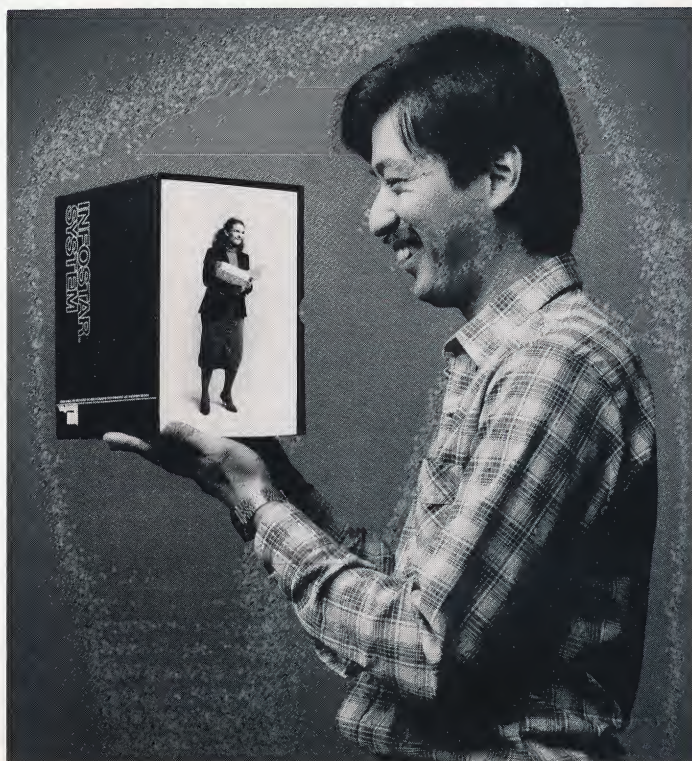
With Redit you can combine information from your address file with data from other files to make reports. Here's an example:

STEPHENSON PHOTO, INC.				
Invoice				
Anderson, John 1024 Welch Rd. Palo Alto CA 94303			Customer #10101	
Order # 03402	02/05/83			
1	77-008	Canon Sure Shot	@ 115.00	115.00
10	99-003	Kodacolor II 36 exp	@ 3.18	31.80
1	1	Nikon 28mm 2.8AI lens	@ 179.95	179.95
		Tax		9.35
Total this order				336.10

“InfoStar... includes some of the best documentation and new features produced by the company [MicroPro] to date.”

InfoWorld,
Vol. 5 No. 33, August 15, 1983.

InfoStar is like having a secretary and a file clerk at work, day and night. You and your business associates will appreciate the professional results.



New tools and utilities for your personal computer!

Create and modify your own software with these useful programs.

Now you can create and modify your own software on your personal computer, quickly and easily.

Build your own software faster, easier with personal programming tools.

If you create software, you know the problems you face: uncommon bugs, poorly written codes and slow program execution can slow you down and cause endless frustration.

You can do much, much more with your programs if you have the right tools. Well-designed programming tools make building your own program faster and easier. Some tools, for example, allow you to clean up your program listings. Other tools allow you to design operation menus and screen displays with all the logic and efficiency of a professional programmer.

It pays to take care of your own computer system.

Your computer is important and so is your data. It's worth it to take the time to keep both in the best shape possible. With the new programming utilities available for your personal computer, you can now keep your hardware and software reliable and trouble-free, easily and quickly.

Programming utilities are small programs that you can use with your existing programs to locate and correct specific software and hardware failures. For example, System Checker and Diagnostics will quickly test the major components of your computer. They'll confirm that everything is working properly or identify problems that need attention.



Programming tools and utilities help you whip your programs into shape and keep them trouble-free.

And if you do run into a problem, there are programming utilities to help you recover. Disk Doctor salvages data from damaged disks and Filefix restores erased files!

So if you want to keep your hardware and

software in top operating condition, or if you enjoy creating your own programs, look over these pages on the new, personal programming tools and utilities now available for use on your personal computer.

The best tools & utilities for your personal computer programming needs.

Protect your investment with information insurance.

Filefix protects your program data three ways. It:

- Recovers erased files.
- Makes valuable files un-erasable.
- Encodes sensitive material so others can't read it.

I Filefix from Digital Marketing. **ReadyToRun**
Order no. FFX \$89.00
(Manufacturer's suggested list price.)

Preventative maintenance for a healthy system.

Diagnostics II leaves no bit unchecked. This complete diagnostic program thoroughly tests memory, CPU, terminal disk drives and

printer. It's the ounce of prevention to keep your system performing at its best.

B Diagnostics II by SuperSoft **ReadyToRun**
Order no. DC2 \$125.00
(Manufacturer's suggested list price.)

Don't bury that disk. Send it to the Disk Doctor.

Spillng coffee on diskettes, erasing the wrong file, leaving a diskette in the sun...in one second you've lost hours of hard work.

Disk Doctor recovers valuable information from lost files and damaged diskettes:

- Put Disk Doctor and the patient disk in your computer.
- Press a key to tell the Doctor where it hurts.
- Sit back and watch the patient revive.

I Disk Doctor by SuperSoft **ReadyToRun**
Order no. DDR \$100.00
(Manufacturer's suggested list price.)

Edit system files, tracks and directories, reliably and automatically.

Disk Edit is an effective tool for program development. It reliably edits system files, system tracks and directories.

The split-screen display shows file contents in HEX and ASCII. Changes in one format are automatically made in the other. And Disk Edit includes editing commands and on-screen help.

A Disk Edit by SuperSoft **ReadyToRun**
Order no. DET \$100.00
(Manufacturer's suggested list price.)

A programmer's kitbag of general routines.

If you write your own programs, Utility Pack 1 can make your life much easier.

- Three separate string search routines.
- A program to identify the differences between nearly identical files.
- Word and line count routines.
- A check-sum program, an archiver for packing old files for storage, and a shell sorting program.

I Utility Pack 1 by SuperSoft **ReadyToRun**
 Order no. UP1 \$60.00
 (Manufacturer's suggested list price.)

A convenient system development routine.

Here's another set of programming aids, many with I/O redirection to console or printer:

- Multi-file search and replace.
- A file difference routine.
- A "pause" routine for batch processing.
- A file cataloger.
- A special file directory print formatter with dating.
- A program that splits up long files.
- And a "desk calculator" program with 13-digit precision.

I Utility Pack 2 by SuperSoft **ReadyToRun**
 Order no. UP2 \$60.00
 (Manufacturer's suggested list price.)

Test system performance automatically.

Find problems before they find you. Press a key and walk away while System Checker quickly tests your computer, screen, disk drives, and printer. A few minutes each day can save hours of work-time.

B System Checker by SuperSoft **ReadyToRun**
 Order no. SCR \$75.00
 (Manufacturer's suggested list price.)

With microlink II you have the world at your fingertips.

Microlink II lets your computer talk to other computers over the telephone line.

With Microlink II exchanging information with other computers becomes easy and practical. Record a conversation with another computer user. Or transfer work—documents, programs, data—from home to office fast.

Microlink II lets you scan information banks like THE SOURCE and DOW JONES. You can record the latest information on a tremendous range of topics: business, education, entertainment, career and much more.

I Microlink II from Digital Marketing **ReadyToRun**
 Order no. ML2 \$99.00
 Modem required.

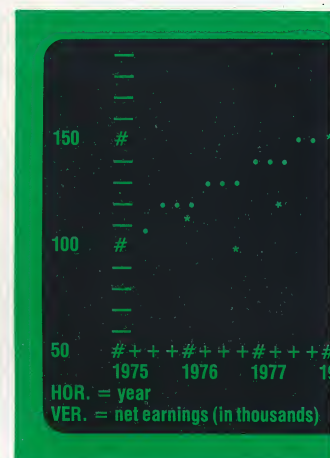
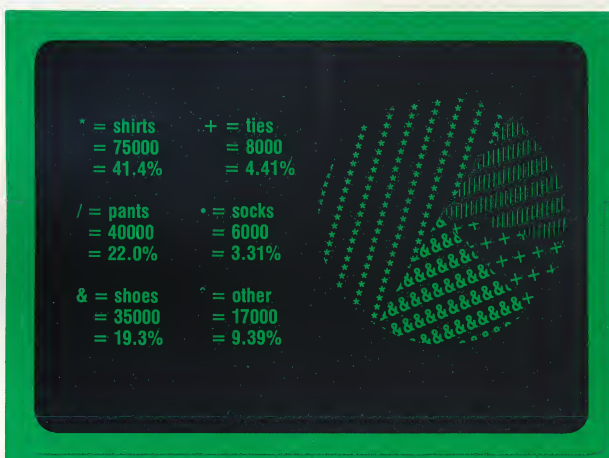
Now you can see your statistics with Stats-graph.



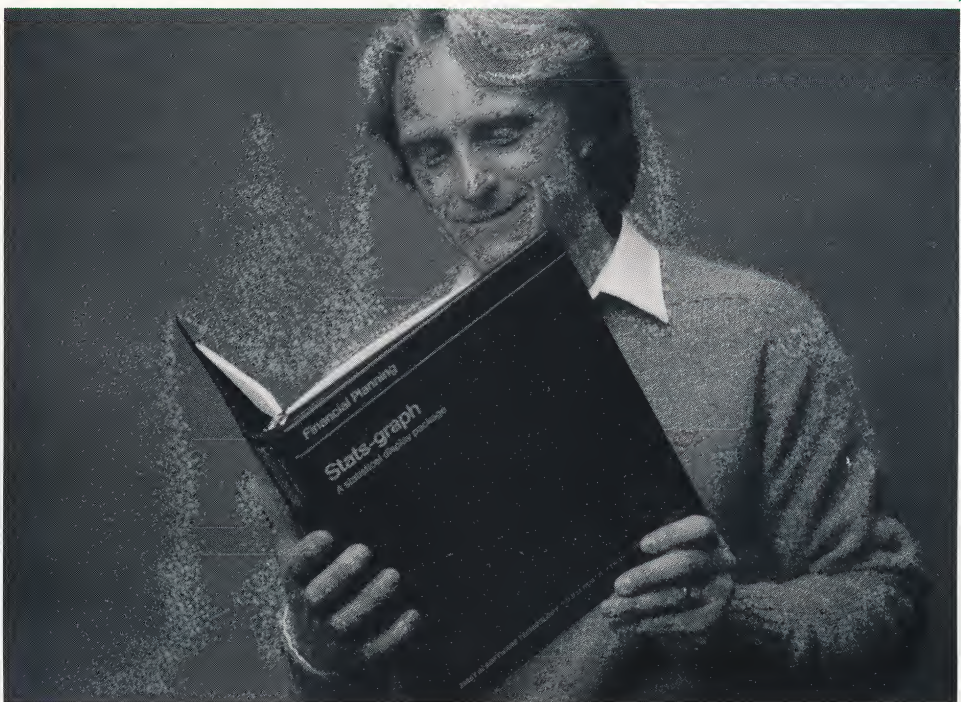
BAR GRAPH ▲

▼ PIE GRAPH

SCATTER PLOT
(WITH REGRESSION LINE)



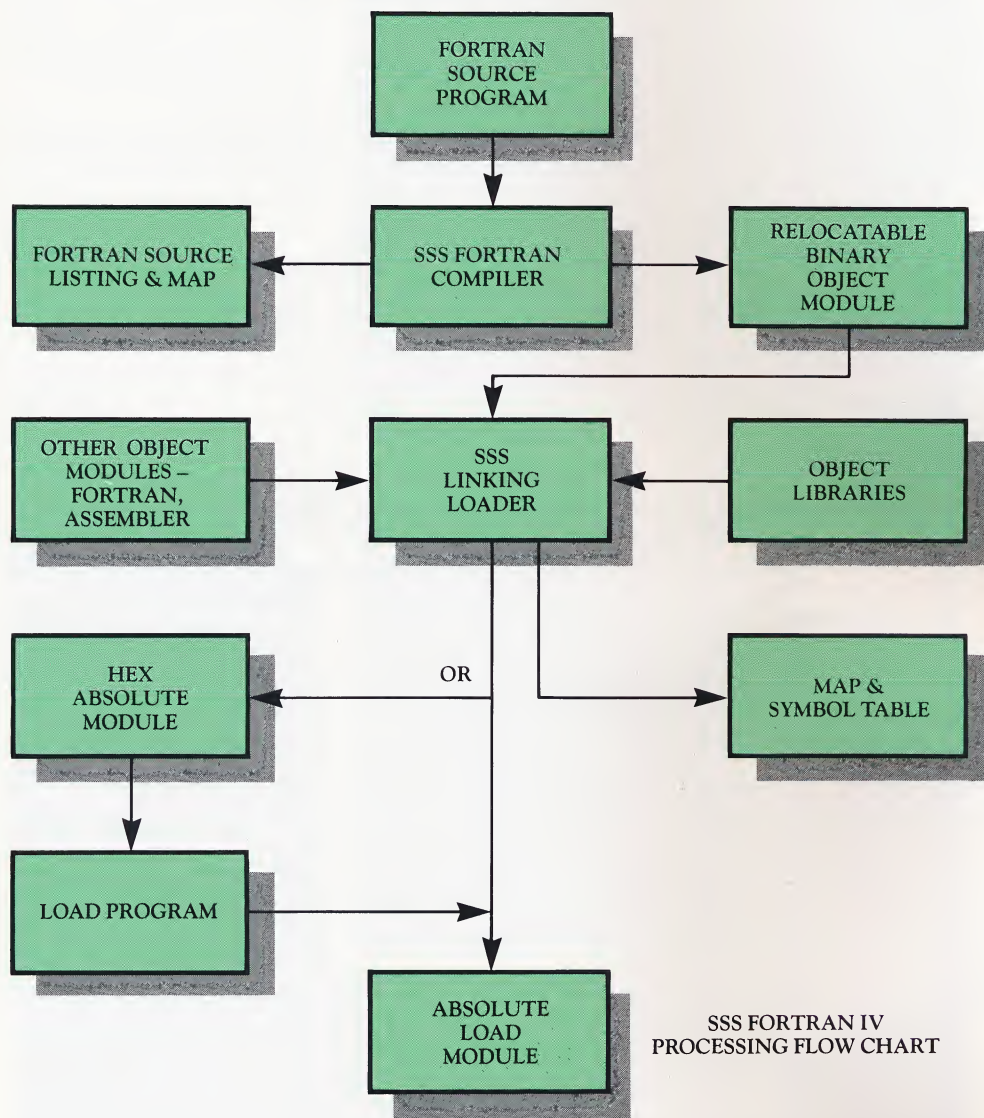
B Stats-graph by SuperSoft **ReadyToRun**
 Order no. SGF \$200.00
 (Manufacturer's suggested list price.)



With Stats-graph it's easy to see what your data really means.

Now you can use the language that sent man to the moon—FORTRAN.

APPENDIX B
PROCESSING FLOWCHART



SSS FORTRAN IV
PROCESSING FLOW CHART

FORTRAN, the universal programming language for scientific applications, is now available to microcomputer users. It meets the 1966 ANSI FORTRAN standard and offers many advanced features, like:

- Complex arithmetic.
- Character variables and functions.
- Recursive subroutines.

FORTRAN is fast.

It is fast. SSS FORTRAN can compile up to 600 lines of source code per minute.

And with the SSS RATFOR pre-processor, you can now write structured FORTRAN programs. You can use "REPEAT...UNTIL," "WHILE," "IF...THEN...ELSE," "BEGIN...END" and still take advantage of FORTRAN's superior number-handling capabilities.

Saves disk space.

Generate object files or intermediate code files.

Includes many data types.

Data types include—byte, integer, real, double precision, complex, logical, character and variable-length strings.

All standard operations plus...

- String comparisons, assignments and .XOR.
- Hexadecimal, decimal and character constants with features to imbed control characters.
- Map list and symbol table output options.
- I/O: Read, Write, Append, Rewind Close, Delete, Rename, Search, Sequential and Random I/O on disk files.

Plus SSS FORTRAN can support all CP/M devices.

Interrupt anytime.

FORTRAN programs may be interrupted at any time. The stack pointer is always preserved.

Some people even say FORTRAN will replace Basic. So try the language they're talking about and see for yourself.

A SSS FORTRAN by SuperSoft Ready To Run
 Order no. FTN \$425.00
 (Manufacturer's suggested list price.)

RATFOR introduces structured programming to FORTRAN.

Make your FORTRAN source code more readable in far less development time. Use RATFOR (Rational FORTRAN), the FORTRAN preprocessor.

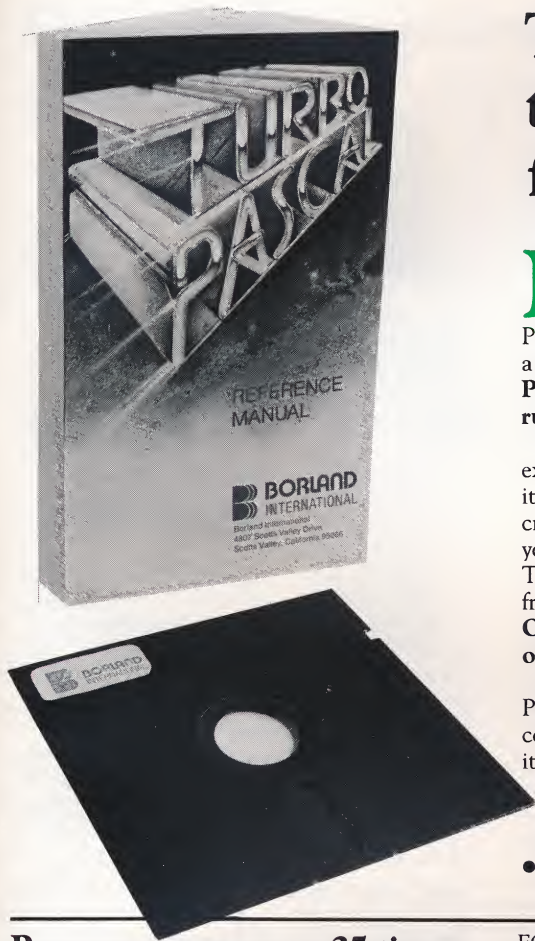
A FORTRAN extension, it introduces structured programming procedures to FORTRAN. Its efficiency and clarity have made RATFOR increasingly popular with programming professionals.

A RATFOR by SuperSoft Ready To Run
 Order no. RTF \$100.00
 (Manufacturer's suggested list price.)

Now microcomputer users can take advantage of the fast and flexible powers of FORTRAN and RATFOR. ▶



Turbo Pascal: the high-performance language for the student or professional.



Now you can have today's most important language, Pascal, on an advanced, easy-to-use compiler that turns your Pascal programs into machine language in just a second or two.

Pinpoints errors in your program, even at run-time.

You won't need more software to run this exciting new Pascal compiler. Turbo Pascal has its own built-in editor. Even if your program crashes at run-time, Turbo's debugger throws you into source code to pinpoint your error. This means saved time and relief from frustration.

Only 28K of disk space has all the features of standard Pascal and more!

Turbo Pascal is not an abridged version of Pascal. It's complete, standard Pascal that also contains the additional commands and flexibility that professional programmers have been seeking:

- Dynamic strings.
- Full support of OS facilities.
- Direct access to CPU memory and data ports.

The manual teaches you everything you want to know about Pascal.

The manual is actually a book you can use to learn Pascal. Or if you're already programming in Pascal, it will function as a full technical reference manual.

For completeness, speed of compilation and accuracy of numeric functions, Turbo Pascal is second to none! It's complete enough to satisfy the professional programmer, and easy enough for the student.

- Absolute address variables.
- Include files.
- Type conversion functions.

Yet Turbo Pascal requires only 28K of disk space. That allows you plenty of room for those long business or educational programs.

ReadyToRun

A Turbo Pascal by Borland International
Order no. TBP \$89.95
(Manufacturer's suggested list price.)

Run your programs 25 times faster with Tiny Pascal

Now you can execute your programs around 25 times faster than with a normal BASIC interpreter. Plus you can have the power to modify, enhance or change the compiler to fit your specific programming needs. That means you can add features to your own programs and ensure that they will run even faster and more efficiently.

With the Tiny Pascal package, you get every line of source code needed to compile the compiler! (A compiler is a program that translates the statements of a high level language into an equivalent program that is 8080 machine readable.)

A two-stage compiler means faster program execution.

In fact, Tiny Pascal is a two-stage compiler: first it translates the high level program into an intermediate file called P-code. Then P-code is translated into machine readable form. That's why Tiny Pascal programs execute so much faster than your BASIC interpreter.

Add the program features you really need.

For many users, the most exciting aspect of Tiny Pascal is the flexibility it allows them. Because it provides every line of source code needed to compile the compiler, it gives you the power to build and modify your programs and add the features that you really need.

Offers you the power of its larger brother.

The syntax of Tiny Pascal is essentially identical to that of its larger brother. But in addition to the standard reserved words in Pascal, the following have been added: EXT, RET,

EOF and RESET.

Now re-compilation is easy.

With Tiny Pascal, those who wish to compile the compiler or any of the Pascal system programs can do so just as if it were any other program.

Tiny Pascal combines the power and flexibility of Pascal with ease of use and efficiency. Actually, the fact is that Tiny Pascal is not very "tiny" at all. At least a 36K CP/M system is required to run Tiny Pascal.

So if you're interested in advancing in your programming skills and developing programs that run faster, easier and more efficiently, try Tiny Pascal.

A Tiny Pascal by SuperSoft **ReadyToRun**
Order no. TPC \$85.00
(Manufacturer's suggested list price.)

Lisp makes computers almost human.

Lisp ("List Processor") is the language for artificial intelligence applications. Program your own robot, adventure game, or computer psychiatrist. Explore the possibilities of machine intelligence.

You can even write your own language because Lisp is infinitely expandable and can alter itself. (The educational languages Logo and Turtle Graphics were created with it.) Lisp makes routines easy and efficient which can be cumbersome in other languages.

A Lisp by SuperSoft **ReadyToRun**
Order no. LIS \$150.00
(Manufacturer's suggested list price.)

"C" cures tough programming jobs.

Compiler is the modern systems programming language used to write the UNIX operating system. Versatile, compact, easy-to-learn and machine-independent, C makes tough programming jobs easier.

Because of a built-in optimizer program, compiled C programs run nearly as fast as those written directly in assembly. It also supports most of version 7 Unix-standard C.

A C Compiler by SuperSoft **ReadyToRun**
Order no. CCR \$275.00
(Manufacturer's suggested list price.)

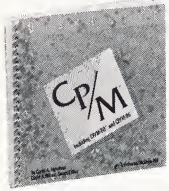
Dept. of Defense adopts Ada—"the language of the '80s."

Named for the first computer programmer, Augusta Ada Byron, daughter of poet Lord Byron, Ada is the new programming language now required on all U.S. Defense Department projects.

Ada is a structured, sophisticated, compiled language similar to Pascal. SuperSoft's Ada is a subset of the official DoD Ada and is suitable for applications and systems programming. It promises to become "the programming language of the '80s."

A Ada by SuperSoft **ReadyToRun**
Order no. ADA \$300.00
(Manufacturer's suggested list price.)

Here's how you can become an expert—quickly.



CP/M Disk Guide (Including CP/M-80 and CP/M-86), p. 32.
by Curtis Ingraham

This book's excellent diagrams and illustrations highlight CP/M concepts. Its four, easy-to-read sections offer system information, a built-in command summary, a transient command summary and technical information.

Order no. CMG \$8.95



Introduction to WordStar (Second Rev. ed.), p. 202.
by Arthur Naiman

Edit copy, move and delete text, check for spelling, merge files and more aided by this complete dictionary of WordStar, SpellStar and MailMerge commands. Fully-illustrated, this book also includes a handy, finger-tip guide perfect for beginners.

Order no. IWS \$11.95



An Introduction to Microcomputers: Vol. 0—The Beginner's Book, p. 240.
by Adam Osborne and David Bunnell

This popular title includes new sections on software and communications. Perfect for beginners, it introduces all the basics of construction, operation and use.

Order no. IMO \$12.50



DON'T (Or How to Care For Your Computer), p. 214.
by Rodney Zaks

An easy guide to computer and peripheral care, this book gives the do's and don'ts of computer use and maintenance, including care of floppy and hard disks, your CRT, printer, tape unit, software, security and documentation.

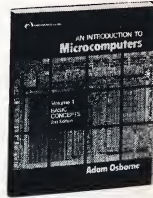
Order no. DOT \$11.95



Introduction to Word Processing, p. 205.
by Hal Glatzer

Discover word processing in non-technical terms and learn what to look for in hardware and software. Includes a cost/benefit analysis and covers concepts common to all word processing systems.

Order no. IWP \$12.95



An Introduction to Microcomputers: Vol. 1—Basic Concepts, p. 320.
by Adam Osborne

This best-seller covers concepts common to all microprocessors. It's the most comprehensive and up-to-date introduction anywhere. Written in simple, textbook form.

Order no. IM1 \$15.95



Osborne CP/M User Guide (Second ed.) p. 292.
by Thom Hogan

This revised edition includes CP/M 86 and 80, as well as their relationship to assembly language programming, MP/M and CP/NET operating environments.

Order no. OUG \$15.95



Your First Computer, p. 258.
by Rodney Zaks

This easy beginner's guide to small computers tells you how to buy, understand and use computers at home or at the office. It tells you how to select your computer, peripherals, languages and software.

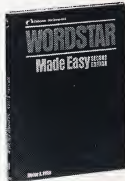
Order no. YFC \$8.95



Doing Business with SuperCalc, p. 248.
by Stanley R. Trost

Here are over 40 practical business applications ranging from statements to budgets to pricing models and investment strategies. It's all written in step-by-step detail.

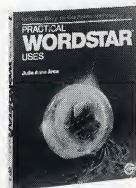
Order no. DBS \$12.95



WordStar Made Easy (Second ed.), p. 132.
by Walter A. Ettlin

Just a few easy, time-saving lessons will help you do sales reports, legal documents, business letters, manuscripts and more. Featured is a useful quick reference card.

Order no. WSE \$11.95



Practical WordStar Uses, p. 200.
by Julie Anne Arca

An overview of WordStar and handy teaching tool, this book is a task-oriented user's guide with realistic examples on how to create letters, newsletters and other useful word formats. Includes a free WordStar Command Reference Poster.

Order no. PWU \$13.95



Mastering CP/M, p. 398.
by Alan R. Miller

This book offers in-depth info on CP/M modules: CCP (Console Command Processor), BIOS (Basic Input/Output System), and BDOS (Basic Disk Operating System). It also includes a library of useful macros and a full appendices.

Order no. MCM \$16.95



The CP/M Handbook, p. 320.
by Rodney Zaks

A step-by-step beginner's guide, it shows you start-up procedures, file transfer, debugging and text editing. Appendices summarize commands, parameters, error messages and conversion tables.

Order no. CMH \$14.95

17 more recommended books for those who take their computer investment seriously.

- Advanced Pascal Programming Techniques**
Order no. APT \$19.95
- Armchair BASIC**
Order no. ABC \$11.95
- BASIC For Business**
Order no. BFB \$13.95
- Doing Business with Pascal**
Order no. DBP \$17.95
- Executive Planning with BASIC**
Order no. EPB \$13.95
- Fifty BASIC Exercises**
Order no. FBE \$12.95
- International Microcomputer Dictionary**
Order no. IMD \$3.95
- Introduction to Pascal**
Order no. ITP \$16.95
- Microsoft BASIC Made Easy**
Order no. MBE \$17.95
- Pascal Handbook**
Order no. PHB \$19.95
- Programming the Z80**
Order no. PZ8 \$16.95
- Programming the 6502**
Order no. P65 \$14.95
- The Programmer's CP/M Handbook**
Order no. PCH \$21.95
- Your first BASIC Program**
Order no. YFB \$9.95
- Z80 Assembly Language Programming**
Order no. Z8A \$16.99
- 6502 Assembly Language Programming**
Order no. 65A \$16.99

For toll-free ordering, call 800-345-4300

Here are six ways to economically store and protect your diskettes.

As you process and store more and more information, you'll also need ways to keep your diskettes safe, in order and at your fingertips. Here are five convenient and logical ways you can protect and organize your growing library of diskettes:

1. Flip'n File: Keep your disks handy in this compact flip-pack.

Keep your floppy disks safe and handy on desk or in a drawer with Flip'n File. Available in two sizes holding either up to 10 or up to 15 disks.

- Flip'n File 10** (Holds up to 10 diskettes.)
Order no. F10 \$5.95
- Flip'n File 15** (Holds up to 15 diskettes.)
Order no. F15 \$9.95



2. Locking Flip'n file prevents loss, damage of up to 50 diskettes.

This handy, desk-top file keeps your diskettes at your fingertips and locks tight to keep them there. Convenient, durable dividers help you stay organized. Smoked, see-through cover detaches and doubles as a base. Available in two sizes.

- Flip'n File 25** (Holds up to 25 diskettes.)
Order no. F25 \$29.95
- Flip'n File 50** (Holds up to 50 diskettes.)
Order no. F50 \$39.95



3. Mini-Flip'n File holds up to 50 diskettes.

This attractive, smoke gray desk-top file takes up less space than a sheet of stationery yet stores up to 50 diskettes. Includes five adjustable, durable plastic dividers with sliding tabs to accommodate your expanding needs.

- Mini-Flip'n File 50** (Holds up to 50 diskettes.)
Order no. M50 \$29.95

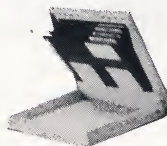


4. Rack, pack or mail your diskettes with Versa-Pak.

This compact, portable library case is ideal for mailing, racking or packing your diskettes. Made of tough polypropylene plastic, Versa-Pak is durable, and its thin, sleek lines make it attractive and mobile.

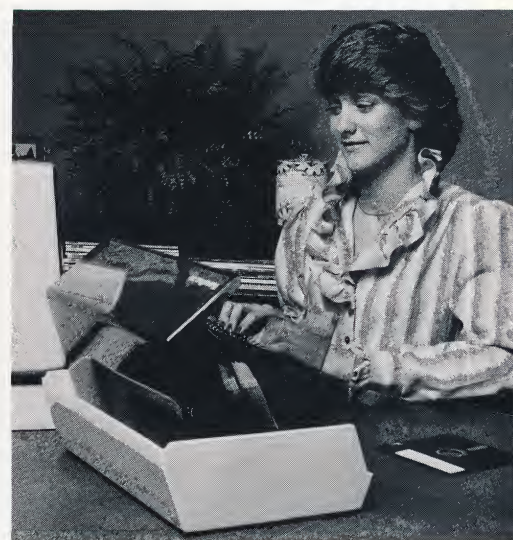
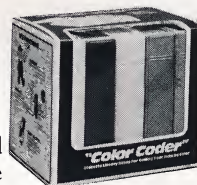
Patented, flexible tabs and locking display tray mean you can get to your disks quickly and easily.

- Versa-Pak** (Holds up to 5 diskettes.)
Order no. VPK \$2.95



5. Color Coder gives your disk library at-a-glance convenience.

No more complicated filing systems. No more hunting for misfiled diskettes. SRW Color



Flip'n File 50 keeps 50 diskettes at your fingertips, and locks tight to keep them there.

Coder library cases make filing your diskettes simple and retrieval a snap!

Now you can create a complete diskette filing system coded in color.

- Five different colored library cases.
- 10 diskette labels per case in corresponding color.
- Outer spine labels to further identify data in each case.

- SRW Color Coders**. Holds 10 disks per case.
Order no. CCK \$19.50

6. Mini Kas-ette/10 Library Cases for simple disk library storage.

Individual cases store up to 10 disks. Available in beige only.

- Mini Kas-ette/10 Library Cases**
Order no. M10 \$3.25



Keep up your floppy disk supply, order by mail.

Right in the middle of working on your program and run out of storage space? It's a good idea to keep a few empty diskettes around to avoid frustration. Now you can order blank or preformatted diskettes five at a time and shipped to you in a convenient, durable Versa-Pak (see listing on this page.)

All diskettes exceed industry standards (ANSI) and have passed multiple quality inspections during manufacturing. Their mirror-
◀ *Keep blank disks handy to back up your working library.*

smooth surfaces and improved oxide particle dispersion reduce disk and head wear.

Remember, any program or file you spend time creating is worth backing up on a second disk. So order today.

- Blank diskettes** (5 in a Versa-Pak)
Order no. BDT \$19.95
- Preformatted Diskettes** (5 in a Versa-Pak)
Order no. PDT \$24.95
- Diskette labels** (100 Color-coded).
Order no. DLB \$3.95

Taxan monitors give you a sharp image in a compact design.

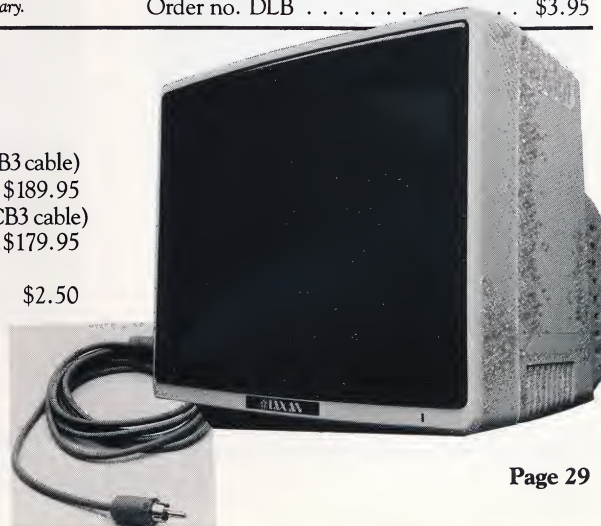
Take your choice of green or amber gold phosphor character display on this 12-inch, diagonal monitor. It's lightweight—only 16 lbs. and compact for easy moving and storage.

Other Specifications:

- 800-line resolution at center
- 2,000 character display (80 character by 25 lines)
- Plug-in compatible
- 12¼" (W) x 11¼" (H) x 12⅝" (D)

- Taxan 12" Amber Monitor.** (Includes CB3 cable)
Order no. TXA \$189.95
- Taxan 12" Green Monitor.** (Includes CB3 cable)
Order no. TXG \$179.95
- Monitor Cable.** (3 feet).
Order no. CB3 \$2.50
- Monitor Cable.** (6 feet).
Order no. CB6 \$2.95

At 16 lbs., our Taxan monitor is completely portable!



Learn software in minutes!

An ATI training package allows you to teach yourself software in minutes, even if you've never used a computer before!

How does ATI do it? ATI helps you put a program to work immediately rather than spend time on tedious explanations of how your program operates.

Just insert the ATI disk. Instantly your computer screen displays a simulation of the actual software. And if you have a question, the ATI helpful handbook has a ready answer.

Imagine... now you have ready access to computer skills that normally would take hours to master:

- Word processing
- Database management
- Financial planning
- Operating systems
- Accounting
- Programming

Use an ATI package with confidence. ATI has a proven track record of providing training programs for such leading companies as IBM, DEC, Xerox and NEC.

So why make things difficult for yourself? Your software should work for you. An ATI training package puts you in control in minutes!

Learn CP/M at your own pace.

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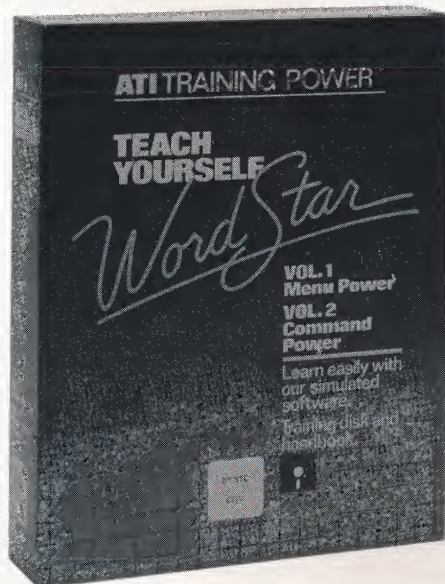
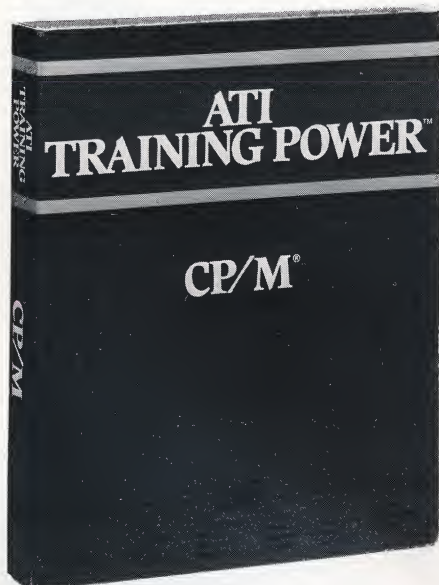
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