

WHO'S COPYING WHAT FROM WHOM?

We recently received a letter and fancy brochure titled "THOU SHALT NOT DUPE" from a company named ADAPSO, the Association of Data Processing Service Organizations. The letter was addressed to us and started with "Dear Users' Group Representative:."

The letter states that the major problem in the software industry, software piracy, is becoming crucial. Why then are they writing to US?

ADAPSO represents more than 750 corporate members that supply software to the computer industry. Why then are they writing to US?

An independent study by Future Computing, as cited in the letter, stated that for every legitimate copy that is sold, an illegal copy is pirated. Why then are they writing to US?

What was not stated was the finding of Future Computing: Most of this illegal copying is done at the corporate level. Copies for other departments. Copies to take home for individuals' own use. And just plain copying for friends. Why then are they writing to US?

To find out WHY, we called ADAPSO and spoke to Mr. Jerry Dreyer, President. After reviewing the letter and what it contained and what it DID NOT contain, Mr. Dreyer stated that although the letter and brochure did seem like "an indictment," it was meant "to educate."

This mailing was probably sent to many User Groups, but if you are curious and would like to be educated, you can call ADAPSO at (703) 522-5055 and get the free brochure.

Let's discuss copying and what it means to US.

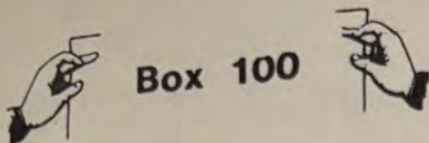
Just about every users' group sets aside some time during the meeting to copy programs. These are always Public Domain programs that the group makes available from its library. Most groups, if not all, do not condone the copying of commercial programs. However, many of our members have corporate software available to them, and the temptation to offer it to other members is very great. Aside from being illegal, it also creates a higher cost to other users who do purchase software.

One of the major problems that this creates is having commercial programs become more difficult to copy because of special "lockout" protection built in.

We were in the process of doing a review of the entire Perfect Software series (see Ken Blair's review) when we discovered that in order to run any of the Perfect programs, the ORIGINAL disk had to be used each time. Not only that, but only ONE master copy was shipped with the programs. This meant that if you were to wipe out the master disk, you were "out of business" until a new master could be sent from the manufacturer.

After many calls from us (and we're sure from others as well) a change in policy came forth from Perfect. Now, two copies of the master are being shipped with each program, and we understand that there is the possibility that the "lockout protection" will be eliminated as well. So much for "piracy." The end user still has the power, BUYING POWER!

Isn't that what it's all about



Dear KUG,

Many thanks for your March-April editorial stand on behalf of supporting the "Perfect" series.

Perfect users certainly do need Kugram's continued help, especially since virtually every other magazine seems to devote more and more space to WordStar and other word processing programs.

Perfect is a fabulous program, and every day I learn how to use it better. I certainly appreciate the help I get from other Perfect users via Kugram.

John C. Brewer, Chief of Bureau
Associated Press
1111 South Hill Street, Room 263
Los Angeles, CA 90015-2296

* * *

Dear KUG,

I have just solved a nagging problem and would like to share the solution with my fellow KUGGERS. In addition to my Kaypro II, I also own a Radio Shack Model 100. When I would transfer files from the Model 100 to the Kaypro, I would have a file filled with ^M's. This is the way I removed these ^M's and made the file usable with Perfect Writer:

1. Type ESC...R.
2. At the prompt type ^Q, then ^M.
3. Type ESC.

Number 1 brings up the Replace function. Number 2 allows you to enter ^M instead of <NL>, which normally comes up when a RETURN or ^M is entered. Number 3 finishes the function.

I have also found this very useful for telecommunications files, since I have found that a lot of bulletin boards are run on IBMs or other computers that imbed ^M's.

George DeChant Jr.
809 Lodge
Toledo, OH 43609-3027

Dear KUG,

Thank you for allowing me to respond to the letter from Rocky Mountain Software Systems that was recently published in the KUGRAM.

The following is current as of 4/1/85:

The current version of Newword for both 8 and 16 bit computers is version 2.14.

All CP/M-80 versions of Newword - \$100 suggested retail. These versions do not include a spelling checker.

Word Plus(tm) spelling checker - \$50. Available only for Newword owners.

All purchases (except upgrades) come with a 30 day unconditional money back guarantee.

Upgrades from Newword version 1.xx or 2.xx up to the current version 2.14 are \$35. These upgrades do not include the spelling checker.

Advantages of Newword version 2.14
over 1.31

Supports the multi-user operating systems;
Provides file lockout for networks & multi-user;
Detaches the printer when through printing;
Will automatically log the drive and user you want;
Data print driver for extracting merge-print data;
Initialization and de-initialization;
Continuous underline;
Italics;
Up to 4 times faster.

Additional WordStar compatibility flags:

column mode - with a column replace command;
.rm and .lm dots commands are active when editing;
48k memory needed for 8 bit versus 53k for 1.31.

Richard E. Post
VP Sales & Marketing
Newstar Software Inc.
1601 Oak Park Blvd.
Pleasant Hill, CA 94523

Dear KUG,

My letter in Vol. 3, no. 1 suggested that 11 hex could be used on a Brother HR-15 to stop the printer. After a KUGGER wrote me because of problems with this, I realized I had made a "typo" when I wrote to KUGRAM: 11 hex puts the printer in Select state; 13 hex is the character that puts the printer in Deselect state. Terribly sorry if any of you had problems. By the way, I tried it with Perfect Writer, defining the italics-on string, and it works fine.

Robert Morgan
219 Chester Avenue
Montreal, Canada H3R 1W4

* * *

Dear KUG,

I had a question concerning the setting of Perfect Writer counters (chapter and page for instance) that was resolved by Thorn EMI. Strangely enough, I had come up with the correct command through logical deduction. However, I had not placed it correctly in the file. Apparently, it's necessary to place the command at the very beginning of the file. The PW manual never specifies how to set counters.

Michael Zeugin
380 Ratzer Road
Wayne, NJ 07470

* * *

Dear KUG,

I found that I needed line number references for certain Perfect Calc printouts, especially for things such as tax spreadsheets. The CP/M disk has a 7k editor program (ED.COM), which I have added to my Calc disk. After printing the PC file to disk as a document, you simply enter ED <filename.ext>, followed by #A#T, Ctrl-P, <CR>. This program is very handy. In fact, I used it instead of Perfect Writer for printouts before getting the Newword program.

George Shull
415 Chelsea Ave.
Rockford, IL 61107

Dear KUG,

I use the II in my practice as a marketing and business consultant and find I frequently need to develop forms for use in unusual applications for my clients.

I use Perfect Software and found it possible but difficult to construct forms on Perfect Calc. Perfect Writer, on the other hand, even in the verbatim mode, comes up with some strange results after formatting due to the tendency of the software to conserve "white space."

Specifically, what I wanted to do in one application was to construct a budget form with account titles on the left and dollar entries in two columns to the right of the titles. Every time it was formatted, the "\$_____" entry was squeezed up against the title entry:

Production\$_____

rather than:

Production \$_____

This occurred whether I used the space bar or the tab key to move the amount entry to the right and whether I used Text or Verbatim environment commands. What finally did work was to use the one word "@W" command and brackets to enclose both the blank spaces and the \$_____, (both ends of the line). Voila! it worked and the dollar entries stayed where I wanted them to.

For another form I wanted to use the full space available on the 11" direction of 8 1/2" X 11" paper. When attempting to format I got the message "internal error, too many tokens for a single line." Again @W to the rescue: coupled with the command @style[linewidth 111 chars] and the file formatted in verbatim, it printed just as I wanted it to.

Incidentally, I use a Transtar 130 daisy wheel printer. It uses the Diablo 10 or 12 protocol and does everything it's supposed to do just by plugging it in to the J2 parallel printer port.

Bruce McKibbin
1546 N.W. Woodbine Way
Seattle, WA 98177

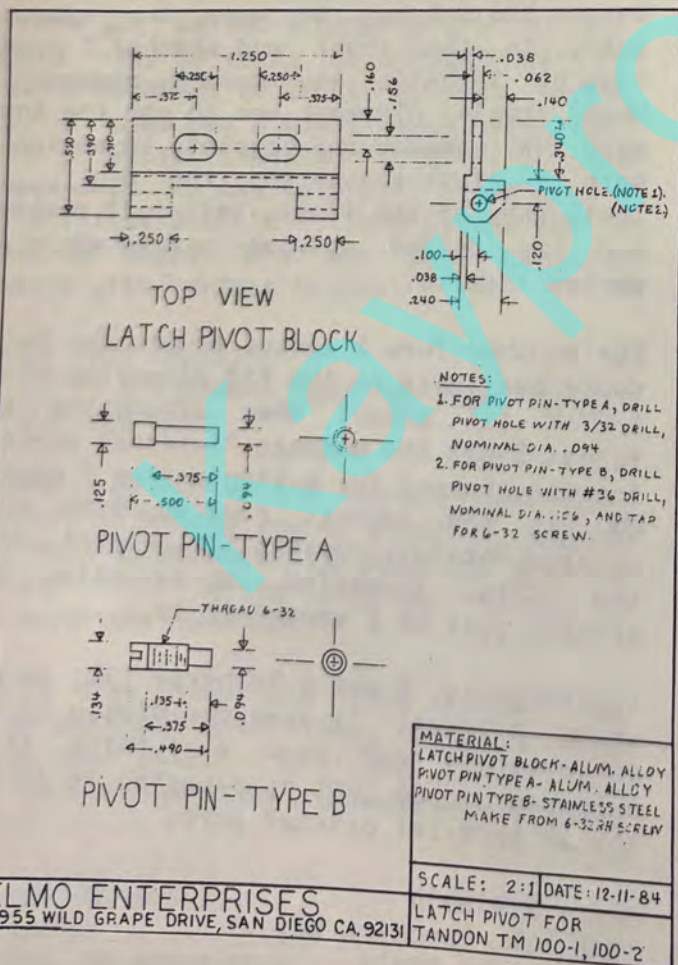
Dear KUG,

Dear KUG,

About a year ago I read about Jerry Pournelle's trials and tribulations in obtaining a replacement for a broken latch on a Tandon 5 1/4" disk drive ["Brother, Can You Spare a Latch," BYTE, December 1983]. A month later, the latch on one of the Tandon drives of my KAYPRO II broke. Having work to get out, I had gone down to my workshop, drawn up a sketch and machined a new pivot block from aluminum bar stock. It had holes for the pivot pins, instead of slots, which made it much stronger than the Tandon part. It's been doing the job beautifully ever since.

Apparently, other KAYPRO users have had the same problem. For the benefit of those who have a machine shop to make their own parts, I am enclosing herewith a copy of the drawing for the machined aluminum pivot block. (See drawing.)

For those without machining facilities, I will be happy to supply kits of parts for \$15 per kit (plus 6% tax in California).



Dear KUG,

My life was not in jeopardy, but my health was. I had been copying programs onto my wife's diskette when we had a power failure. Needless to say, the directory of the diskette was glitched something horrible. I was desperate. I knew I had to trick CP/M into accessing the files on the diskette without looking at the directory, but nothing seemed to be working. As a last ditch effort, I tried WordStar. With a good diskette I logged onto drive B. Then I switched diskettes. Using the non-document editing mode, I called up one of the M-BASIC files. I got a Bad Sector error. In my panic I hit the RETURN key and to my great surprise, the file loaded up.

It looked like garbage on the screen, so I copied the file to my WordStar diskette in drive A. Afterwards I PIPed it over to an M-BASIC diskette and ran the program. It worked! Because the glitched diskette had a lot of programs on it, it took most of the evening to:

1. Load WordStar
2. Log onto a good B diskette
3. Switch diskettes
4. Copy the program file onto A
5. Press RETURN at each of the Bad Sector messages
6. Exit WordStar to CP/M
7. PIP the program file on A to another disk on B
8. Repeat the process

Bryce Fifield
Box 451
Tsaile, AZ 86556

* * *

Dear KUG,

Along with my renewal check, I would like to take this opportunity to ask if anyone out in KUGLAND has a "Company Policy" which they would be willing to share. Our small firm has decided to attempt a company policy and noticed that IBM has one available. It sure would save some time and we would be most appreciative.

John N. Moreno
P.O. Box 181
Lake Charles, LA 70602

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Accounts Receivable 1. Daily Transactions Report 2. Invoices (with or without preprinted forms) 3. Statements (with or without pre-printed forms) 4. Summary Aging Report 5. Detailed Aging Report 6. Itemized Monthly Transactions 7. Detailed Customer Activity Report 8. Summary Customer Account Report 9. Customer Mailing Labels

Accounts Payable 1. Daily Voucher Report 2. Daily Credit Report 3. Checks with Detailed stubs 4. Check Register 5. General Ledger Transfer Report 6. Cash Requirements Report 7. Transaction Register 8. Open Voucher Report 9. Aged Payables Report 10. Detailed Vendor Activity Report 11. Summary Vendor Account Report 12. Vendor Mailing Labels

Payroll 1. Federal Tax Tables 2. State Tax Tables 3. Payroll checks with stubs 4. Payroll Check Register 5. Monthly Payroll Summary 6. Quarterly Payroll Summary 7. General Ledger Transfer Report 8. Detailed Employee File Listing 9. Produces 941 Worksheet 10. Prints annual W-2 Forms 11. Employee Mailing Labels

System Requirements: CP/M® with 64K RAM or PC-DOS (MS-DOS) with 128K • Microsoft BASIC • Two disk drives or hard disk • 132 column wide carriage printer, or an 8 1/2"x11" printer with compressed print mode (an Epson MX-80 or similar printer).

Rush me more information on Desktop!!

Name _____

Company _____

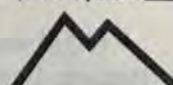
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Computer System _____



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Dear KUG,

I use WordStar to write and edit texts which have many different margin and tab requirements. To make things easier in changing the margins, I first created a file called RULER which I stored on my word processing disk. This file contains all the possible rulers I need, and I can add to it as necessary. I then used my keyboard definition package so that one of the keys gives me the following string.

```
^M^K^K^E^K^RA:RULER^[^N^K^B^X^X^X>^O^F^K
^Y^K^H
```

[The above is typed ALL on one line.]

This string calls up my RULER file and then pauses. While it pauses, I put the cursor on the ruler which I want to use. When I end the pause the program sets the ruler according to the one I selected and then erases all the rulers from the file I am using.

Joseph Tabory
Kibbutz Be'erot Yizchak
Israel 60 905

Electronic Angel RBBS

There is a new board that just went online April 1, 1985 for church and religious purposes. Besides messages, there are text files of general religious interest and a few public domain programs which may be useful to churches. The board is oriented toward Protestant concerns and Presbyterians in particular. Give THE ELECTRONIC ANGEL a call at (516) 878-8319.

Rev. Kenneth S. Blair, SYSOP

Modem Users' Group

MUG will publish a newsletter, Modem-Lines, six times per year—first issue May—and maintain a BBS system (516) 742-0039 for members only after July 1st.

For membership information and application write to Modem Users' Group, 132 Gazza Blvd., Farmingdale, NY 11735.

PeopleTalk Associates is now publishing The PeopleTalk Quarterly, a newsletter for users of Perfect Software. Regular features include Smartkey Tips and Tricks; Hacker's Toolbox, a column on public domain software; Adventurer's Notebook; and The Modem Connection. Other columns deal with hardware and programs for the Kaypro.

Of specific help to PW users is a column in Vol. 1 no. 1 on reconfiguring the keypad using FUNCTS.TXT, a file which appears on the PW Installation disk. Anyone still struggling with Perfect Filer might be interested in Vol. 1 no. 2, which includes 19 pages on creating your own PF database.

The question and answer column addresses specific problems, and The Modem Connection reprints messages from various RCP/M's and BBS's, including KUGBBS.

A partial list of articles will give you an idea of the information in the newsletter: SWP's Megabyte Co-power Board; Plu*Perfect Writer and CP/M 2.2E; Taking the Quad Density Plunge; Perfect Writer Indexing; Crash-Protecting Perfect Writer; and Printing Fancy.

The PeopleTalk Quarterly is published four times a year by PeopleTalk Associates, Inc., P.O. Box 863652, Plano, TX 75086, and subscriptions are available for \$20.00 (U.S.) and \$25.00 (foreign).

Correction

We received a call recently from William Hussey in regard to his letter on page 8 in Vol. 3, no. 2.

It is not possible to SAVE 1.32. Therefore, the tenth line in the fourth paragraph should read:

SAVE 132 B:WSOVLY1.OVR <CR>.

People from all over the country have been calling Mr. Hussey to comment on this, so we hope that publishing this correction will give him some peace.

Special FREE Offer

During these past three years we have received many two year memberships and even some three year renewals. Since we feel that this form of appreciation should not go unrewarded, KUG is now offering a FREE disk from our library for any two year membership or renewal.

You do not have to wait until it is time to renew. If you want the disk of your choice now, just send us your ID# plus your check for \$30.00 and we will extend your membership an additional two years. Be sure to give us the KUG library name and number of the disk you want. It will be sent by return mail.

Things to Come

For quite some time now we have been receiving mail and surveys from members advising us on how to fulfill the wants and needs of KUGLAND.

Although some of your requests were a little more difficult to satisfy, we have decided to get started with a few of them right away.

Starting with the next issue of KUGRAM we will have a column on the use of the software bundled with almost all the Kaypro Computers, Micro-Pro's Star Software. This will include Data-Star, Calc-Star, Info-Star and all the rest. We do not have a name for this column as yet, so perhaps you would like to send us your recommendation. (A surprise gift is yours, if we use it.)

Also starting will be another column titled "MS/DOS STUFF." This column will cover the new operating system that comes with the Kaypro 16. The "CP/M STUFF" column will continue as you requested.

We are also in the process of preparing a catalog of KUG library descriptions in booklet form that will be available for only a self addressed stamped envelope. Meanwhile we have placed the latest list of all our library files on our MASTER CATALOG disk #130 so that you may print them out using the catalog program.

Support for the previous bundled software will continue as promised.

A Cataloging System

USING PERFECT WRITER

After spending many frustrating hours attempting to catalog my book collection on Perfect Filer, I devised the following method using PW. It is essentially a file card program for cataloging collections and lists using a predesigned form.

The PW edit disk is placed in drive A and a blank formatted disk in drive B. A file is created entitled: "b:form.mss."

The form I use for my book collection is shown below. It can be modified to suit the particular needs of the individual.

TITLE:
AUTHOR:
PUBLISHER:
COPYRIGHT DATE:
DATE PURCHASED:
COST:
SHELF ACCESS #:
REMARKS:

Save the "b:form.mss" file, and create and save a second file on the same disk: "b:library.mss." This will be your main file. You are now ready to catalog your collection.

Call up "b:library.mss." Next, use the insert file command, CTRL-X I to place a copy of "b:form.mss" in the library file. ESC...P followed by CTRL-E will place the cursor in the appropriate position for typing information on the first line of the form.

Each time you wish to add a new item to "b:library.mss," call up a new blank form by repeating the above steps.

Specific items or lines in the library file can be located by employing the "search" mode feature of PW.

I have over 230 books in my collection. Using eight lines for each item takes up about 50k of storage. Enlarging the "swap" file can increase the storage to approximately 900 items on the Kaypro 4.

William Ulrich
404 McNulty Place
New Hyde Park, NY 11040

by Joe Cobb

More ProfitPlan Columns

Would any KUGGERS like to view more columns in Profitplan? The procedure is quite simple. You must change the ppsetup.fil or the mpsetup.fil. This is the file that contains the customizing parameters for Profitplan. The manual explains the setup file quite well, so I suggest you re-read that before you start. Remember, Profitplan expects decimal notation. Also, as with all changes to software, make a backup before you start and keep it in a safe place until you are sure everything is working perfectly.

To change the setup file use Perfect Writer or WordStar in nondocument mode in the same way you would edit a normal text file. The 6th line is 9,80,24. Change the 80 to 93. Profitplan will now send 93 columns to the screen. Since Kaypro does not have 93 columns, the row titles will be obliterated by the help menu. Fortunately Profitplan does not rewrite the menu every time the table is rewritten, so to make the menu disappear and the row titles reappear, enter the "top" command [199] or 'move the column/row indicator far enough right or down to get an extra column or row. Profitplan will rewrite the titles and the table but not the menu. Voila! No more menu and you have the extra space to use for your table. The screen options [86] will have to be changed to make the best use of the extra space.

To make this work even better, I defined a letter key as the "top" function so that I don't have to enter 199 all the time.

Another possible improvement to Profitplan is changing the row/column marker and the data entry marker. I can never find a ">" in a big spread-sheet. This change is done by changing the 62 in line 23 of the setup file for the row/column marker and the 62 in line 25 for the data entry marker. I used a dec 127, which is light solid block, for row/column and dec 31, which is bright solid block, for data entry.

Robert Morgan
219 Chester Avenue
Montreal, Canada H3R-1W4

A very practical manual to help you get the most out of your Perfect Writer software, Workbook.fin tells you how to program your Perfect Formatter to get the printed documents you want.

This book is the essential supplement to your Perfect Writer manual — a manual for Perfect Formatter. You see, the Perfect Software package is like a programming language. The Perfect Writer editor lets you generate source code; its formatter is like a compiler; and its printer runs your job to hardcopy.

The Perfect Writer manual does a passable job with its editor commands, but it drops you in the alley when it comes time to customize Perfect Formatter. This is where Workbook.fin comes to the rescue.

Workbook.fin first goes into the dark crevices of the mysterious utility program, Pfconfig.com. For example, where does the Perfect Writer manual tell you that Pfconfig.com is supposed to go into the B:drive but be called to run from the A:drive? More important, however, the book explains in detail how setting the default style commands will interact with the programmable style settings when you are creating a manuscript.

One of the interesting details of Workbook.fin is the way it gives you direct examples of the editor's style commands and their effects. The second half of the manual is printed with "raw" Perfect Writer text on the left-page and the formatted version on the right-page, so you can see exactly what commands were used to create various printed effects. These pages, however, are not merely examples of text; this is the discussion of the software and its capabilities. The two-version printing is frosting on the cake!

The manual is 38 pages, including an index to commands, for the price of \$12.00.

WORKBOOK.FIN by Linda Latta, Triple L Manuscripts, P.O. Box 177, Monmouth, OR 97361.

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New PERFECT Software

by Kenneth S. Blair

Before looking at the specifics of the new programs, you should know that all the new versions are copy-protected.

While the issue of copy-protection has been covered in the lead article of this issue of KUGRAM, I must add that I agree with Jerry Pournelle that no one should buy protected software, period.

PERFECT WRITER

With the new version of PW, you also get Perfect Speller, Perfect Thesaurus, and an improved printer installation program which lets you select your printer from a menu or define it the old way if you have special needs. A lessons disk plus a short tutorial in the manual can get you up and running fast. The most impressive feature is the pop-up menus which appear anywhere on the screen to give you help as needed. You can even set a delay once you have mastered the commands so that you can just enter commands and not even see a menu.

Like the old version, you still get two windows, seven buffers, and no automatic back-up files (.BAK) which may be good or bad depending on how you work. The improvements include being able to format on the screen for right justified text, an ability to determine from within a document its size and the remaining disk space, and the blinking or highlighting of marked text so you see exactly what you are moving or deleting.

The disadvantages are slower disk accesses, more keystrokes required for editing (commands are completely different from version 1), and you must switch disks every time you go from the editor to the printer function. If you depend on Plu*Perfect to enhance PW, you can kiss it good-bye because it will not work with the new version. My wish list of features in a new version of PW would be for visible carriage returns (like the end of a line in WordStar or Select) plus the ability to jump to a certain page. It is now easier to find page breaks than it was in the old version, but it is still not what writers need.

One would expect that a spelling checker would find all your spelling errors, not just most of them. Unfortunately, even the manual admits that a small percentage will slip through (just like the old version). For me, this is completely unacceptable — better to use The Word Plus. However, a nice touch is the Thesaurus. Compared with the rest of the new software, this one seems to work reasonably fast and offers instant help online if you do not mind switching disks again.

All three of the new versions plus Perfect Link, if you buy it separately, can be called through a main menu program called PSI.COM. For Perfect Writer, you definitely want to use this main menu because it passes parameters to your printer and saves you from having to retype the name of the file you are working on. Since these programs were developed to work in tandem with each other, you would think that they would share the same disk to make it easy. The only thing the Perfect Software creators seemed to have in mind is using a lot of disk space so that you do not have to use RAM space. However, even on a 64K computer, you have very little RAM left over because the PW program takes 45K.

PERFECT FILER

Filer offers the most improvement in the new series. The biggest advantage is for those who routinely merge fields into a document created by Perfect Writer, since there are many more formatting commands which can be used for printing out a document. The biggest disadvantage is that the new Filer cannot be used on your old Filer's database.

However, there are some new features that make Filer more powerful and convenient than ever. You may search a database for records entered more than 30 days earlier (which was a limitation of the old version). There is more flexibility in defining subsets than in the old, and there are nine sort keys at your command instead of five. One nice touch is that calculations can be done by sending data to Perfect Calc and then returning the answers via a "map" that you construct.

(continued)

It would be better yet if THORN allowed addition, subtraction, multiplication and division from within the Filer program, since these are the most commonly used math functions, but they chose to give you all the power of Calc along with the inconvenience of transferring data. Perhaps they did not want to make their 45K program any larger by providing math capability. In any case, if you need math in your database program, you would be better off with InfoStar or dBASE II.

If you are already a dedicated user of Perfect Filer, it may be worth upgrading if you have a real need for one or more of the following features: Fields can now be adjusted within a template (which is a big plus if you ever wanted to print just the middle name in the name template or use Canadian and ZIP plus 4 postal codes in the address template.) You can now use wild cards to specify a group of records (which was restricted to just subsets in the old version.) You can link comments to provide better document formatting. You start a database on a database diskette with only 4 files which total less than 10K (thus saving disk space over the old version which required about 27K of disk space before entering data.) The new version permits dates through 1999, and it should be possible to change the template for the 21st century although I did not try it.

On the negative side, you need to know that you will lose a couple of convenient features in the new version: You can only have a maximum of 16 group definitions (while the old version provided up to 20 of what it called subsets.) Also, you cannot name sort image files directly, and the method of providing sorted files may cause you to overwrite accidentally if you are not extremely careful. The program loads database files so slowly that the screen prompts you with the message "working..." so that you will not panic by thinking the program has hung up.

PERFECT CALC

Of the three new programs, Calc seems to have the fewest new features. It is much more convenient to learn and use, but you would now have to learn new commands to do exactly what you were able to do before.

One really good new feature is the ability to do regional recalculations, thus saving the time it would take to recalculate large spreadsheets. However, if you thought the old version was slow at recalculating, you might as well take a lunch break if a large spreadsheet must be completely recalculated. If you need to rank items in your spreadsheet after calculations, one helpful feature is the ability to sort data in rows or columns in either ascending or descending order.

One major problem with the old version of Calc is you never know when the spreadsheet limits have been reached until the program crashes. The new version has addressed this problem by having "Low memory" appear on the screen as this condition is approached and "Out of memory" displays when the swap file is full. This can be a life saver. Plus, you can reconfigure the size of your swap file easily. Be warned, though, that your old spreadsheets are incompatible with the new version.

CONCLUSIONS

These new programs contain a lot of "window dressing" which shows that they have been extensively rewritten from the earlier versions. The revisions have been major, but the trade-off for ease in learning has been at the cost of speed and compatibility with your old data. The manuals, documentation, lessons on diskettes, sample databases for Filer and templates for Calc are all excellent and provide exceptionally good illustrations for using these programs effectively.

The new versions of Perfect Writer and Calc may not be satisfactory for someone who has mastered the old commands and does not want to give up their speed and convenience for marginal improvements. If you can accept the copy-protection and incompatibility with old files, you may want to get Filer for the new features that it offers because the old Filer was largely menu driven anyway. And once the new version is mastered, you may see an increase in your productivity because most commands can be entered directly. Calc should be purchased only if you need the math ability in Filer. In short, I recommend waiting for the next version of Perfect and continue using your old versions for now.

"...the very best collection of utility software I've seen... The Kaypro is advertised as "The Compleat Computer"-but this is the bundle of software that makes that true!"

Dave Gerrold, Profiles Magazine

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MagicBind-Index

A REVIEW

by John J. Mawhinney

MagicBind/Index is a software program which upgrades WordStar and other editing programs with multi-line headers and footers, file-merging, true proportional spacing, automatic indexing and much more.

Two versions are available: one for use with WordStar; the second for other standard ASCII CP/M text editors. Both are designed for use on a Diablo compatible daisywheel printer or a NEC Spinwriter. Both come Kaypro installed.

I have not fully tested every feature, but so far it has lived up to all its claims. A review in Micro-systems (March 1984, pp. 111-114) gave it very high marks. The Manual is very well written, and so it is quite easy to learn its many features. Some of these features are:

True Proportional Spacing and capability of doing multiple columns either with or without justified right margins. Unlike proportional spacing with Perfect Writer or WordStar, it justifies right margins by putting increments not only between words but also between letters, and so avoids (for example) large white spaces between words.

True Micro-Centering. If two lines have an odd letter difference, it truly centers without leaving an extra letter hanging at the end of one line.

Text Editing/Layout. Unlike WS, a simple dot command re-forms a whole document (no need to do it paragraph by paragraph). It can automatically handle widow/orphan lines (single lines of a paragraph left at the bottom or top of a page) and provides a choice of solid or broken underlining.

Multiple Line Headers or Footers (including continuous text) can be put anywhere across the page. It also permits automatic alternate right or left numbering of odd and even pages.

Automatic Footnoting. The default (which can be changed) permits 15 notes of 500 characters each per page. Notes may be marked with numbers, symbols or words, superscripted or not, and if need be, continued onto the next page.

Indexing. Index entries can be marked within the text, and suffixes (as found in plurals and some participles) may be omitted. Uppercase entries may be converted into lowercase, or vice versa. Proper names in the text may be indexed in inverted order (Smith, John J.). "See also" entries and indented subentries can be added to main entries. Index entries may include 1000 character paragraphs (a feature lawyers may find quite useful). The compiled index may be edited before printing and printed in multiple columns.

File-merging Features. Kaypro WordStar users who do not have MailMerge will find that MagicBind/Index provides all the features of MailMerge plus many others. E.g., file-merging on MagicBind accepts both nondocument and document mode texts and allows lists to be extracted from data files.

Automatic numbering of chapters, paragraphs and subparagraphs is easily accomplished.

A smaller version of MagicBind, called Magic/Print (\$195 list), has the print features, but not the file-merging features of MagicBind.

MagicBind/Index lists for \$295 (MagicBind alone for \$250; MagicIndex alone for \$150; MagicPrint alone for \$195) and are available through dealers or directly from the manufacturer: Computer EdiSystems, #10A, 509 Cathedral Parkway, New York, NY 10025. Telephone: 212/222-8148.

Kaypro users should order a Kaypro-formatted version and, unless they are using WordStar, should check its compatibility with their editing program.

John J. Mawhinney
Box 12 Loyola University
New Orleans, LA 70118

* * *

IT WOULD HELP US IF YOU MENTION KUGRAM
WHEN WRITING TO VENDORS OR ADVERTISERS!!!

Book Review

by Arlene Smith

The Strictly for Beginners CP/M BOOK by Joe Finnell, Topaz Press, P.O. Box 5066, Billerica, MA 01821.

Are you bewitched, bothered and bewildered by CP/M? Are all those "Introductions" to CP/M as undecipherable as the instructions for filing your income tax? Did you ever think that, for all its power, CP/M was bad medicine?

Mary Poppins said, "A spoonful of sugar helps the medicine go down," and Norman Cousins proved that laughter is the best medicine. So, Joe Finnell decided to treat CP/M-itis with a medicine concocted of CP/M-ology deftly blended with the sweet music of laughter. This reviewer prescribes his book. What a treat!

The book is a non-technical introduction to CP/M and is written in English, not computerese. As I read, I learned more and more about what CP/M is, what it can do, and how to put it through its paces. And I had fun learning.

Joe is the Henny Youngman of computer books. His writing is replete with one-liners that instruct you painlessly. Sometimes you laugh so hard that you don't even realize you've just learned something important. Maybe if they taught math that way...

You won't become an expert, but you will learn what you should know about CP/M, why you should know it, and how you can unleash some of its power. You can even start understanding the Digital Research CP/M manual—no small accomplishment.

Because explanations are not always enough, the book should include exercises where you "do this with me and see these results." For instance, you are told what the SUBMIT command does, how it works, and when you might want to use it. But I would have liked to have my hand held while creating my first SUBMIT file.

All in all, this book is an excellent example of technical writing for a non-technical audience. It's the most enjoyable way to learn about CP/M that I've found. Try it—you'll like it.

by Katherine Loukides

MapleSoft has developed a diskwasher program, a "do-everything" utility with many excellent features in addition to those found on WASH: You can check available space on either disk; tag and untag files for sorting, for mass erasure, or for mass copy; call for file size; lock out bad blocks and copy the UNUSED.BAD file to another user area; page-print files; execute a .COM file; insert notes at the start, and append notes at the end, of a file; search for strings in files; and write a filename (-CC.000) to identify the disk.

The directory of the logged-in drive stays on the screen, so you can move the pointer easily to any file. One of the best features of this utility is the one that sorts and packs the directory. It alphabetizes the filenames on the CC+ screen and even CP/M's DIR will list them alphabetically. There is also a (G)o to command that allows you to set the pointer at a particular file, a good feature when your directory is very long.

The help file can be called up at any time with the "?" or the "/" key. Also, some of the commands have their own help menus. In addition, there is a cursor command menu. CC+ recognizes all Kaypro, Perfect Writer, and WordStar cursor movement commands.

The MapleSoft CC+ Manual is clearly written, with the commands explained in A to Z order. (There are twenty-five commands, one for each letter of the alphabet, with only Y missing.) The introduction is brief, because the utility is easy to use. There is a section on customizing CC+ through DDT, and also a listing of possible errors and how to recover from them.

Central Command Plus is available from MapleSoft, Box 13356, Kanata PO, Ottawa, Ontario, Canada K2K 1X5, for \$30.00 (U.S.), \$40.00 (Canadian).

The price includes two master disks, so two users can place one order and share the expense. Bulk price: \$15.00 (five or more).

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The Kaypro manual states, "Line filtering will protect your Kaypro...from power surges or other undesirable occurrences from the power source." Surge protection will help your Kaypro provide years of trouble-free service. Also, if you plan to use your Kaypro to access information by modem, you must have a reliable high frequency noise (EMI/RFI) suppressor to insure against data loss and scrambling.

There are many "toy" surge suppressors on the market. They are smartly colored, but beware. The performance difference is amazing. The best surge and noise suppressors on the market are made by Panamax. Our "Panamax Challenge Certificate" tells all. It is a startling comparison of Panamax quality with 11 other well-known brands. One aspect of this revealing report tells how Panamax responds to and cuts surges in 5 or less pico seconds, while most other suppressors respond at a comparatively slow 5 to 50 nanoseconds!

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P.C. Magazine, March 1983

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SmartKey \$\$ Slashed

Now everyone can afford to supercharge their computing with **SmartKey II Plus**, the software program that Peter McWilliams and a cast of thousands rave about. **SmartKey II Plus** speeds up and improves accuracy in computing by letting you reduce multiple keystrokes to the touch of a single key. In a new national ad campaign Software Research Technologies, originators of **SmartKey II**, have slashed the retail price of this immensely popular program. In response, Central's new low, low price is:

SmartKey II Plus Super Combo Pak \$49

—Includes SmartPrint II Plus and Screen Smarts

You can use this powerful program to assign thousands of keystrokes to one or more keys on your keyboard. Once you have redefined keys, you can put them to work or change them at will. All without interfering with the regular function of your typewriter-like keyboard. You can also store your "smartkey" definitions in a special file and use them later, or make numerous definition files to use with a variety of your favorite programs or projects. Imagine saving complex command codes, boilerplate paragraphs, inventory numbers, or whatever, and then injecting any of them into your work with the stroke of a single key. It's true, **SmartKey** makes computing exciting again.

Central's specially priced **\$49** combo pak includes **SmartPrint II**, a program that greatly enhances the operation of dot matrix printers. In addition, Central's combo pak includes, as an exclusive bonus, a free copy of Paul Golding's \$15.95 book, *Screen Smarts, The Computer Tamer's Guide*. This book shows how Mr. Golding, a professional writer, uses **SmartKey II** to turn his humble computer into a supercharged dedicated word processor. Please don't delay, this offer may not be repeated. Order today to get this hard hitting \$115 combo pak for \$49.

Warning: SmartKey II has many imitators. Comes with a complete step-by-step manual. Easy-to-use.

Stop Tearing Up Your Disk Drives

If you're using your Kaypro as a printer buffer instead of a computer, you may be tearing up your disk drives. Disk drives are mechanical devices, they are often the first parts of a computer to go sour. No wonder. Everytime you feed your printer a file, the drives whirl madly until the printer has accepted the entire file. Sometimes this takes a long, long time.

If you're tired of hearing your disk drives grind down, you need a printer buffer. The best performance and price buffer on the market is the **Consolink MicroSpooler**. This computer-like tool absorbs files as fast as your computer can send them, and then patiently feeds or spools them to your printer a few bytes at a time.

The **MicroSpooler** is an intelligent, feature-packed buffer. It is easy to install and operate. Merely place it between your computer and printer, then connect it with two cables, and feed files as large as 64K within seconds to your letter quality or dot matrix printer. The instant the transfer is complete, you can operate your computer again. The **MicroSpooler** does the rest.

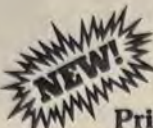
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The Kaypro can dump a file faster than a printer can accept it. This device will catch the file, quiet the disk drives, and let you compute again.

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64 K S-S	\$349.00	\$299.95
64 K S-P	\$339.00	\$294.95
Two Cables	\$ 56.00	\$ 29.00

64 K P-P Stores and spools files as large as 64 K.
P-P Parallel Kaypro port to parallel printer port.
P-S Parallel Kaypro port to serial printer port.
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64 K P-P

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Synonym Finder was compiled by a team of lexicographers. It is extremely fast and works within Wordstar, so you never have to leave your file to use it. Just put your cursor on a word in your text, press the escape key twice, and a list of synonyms appears. Then press a key if you want to select and automatically place an alternate word in your onscreen text. **Synonym Finder** will help you find the exact word you need to properly express your thought. **Synonym Finder** retails at \$124. Central's current low introductory price is \$74. This offer may not be repeated. Please order today.

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StarDrive Review

by Arlene Smith

There are four tools in the StarDrive package: Graphics Express, a graphics program that will generate line, bar or pie graphs from WordStar, spread sheet or database files; Spelling Express, a spelling checker with a 100,000 word dictionary; Word Express, a thesaurus that can be accessed from within a document; and Math Express, a calculator that works within a WordStar document.

The worst part of this package is the trade-off you must make for the power you get. Only the Graphic Express program is short enough to put onto the same disk as your WordStar files. And, that's only if your Kaypro has double-sided drives.

Word, Math and Graphics Express must each be installed into WS.COM. Spelling Express needs no installation. The installations are easy, and the documentation is precise. Each installation will rename the WS.COM file [WE = Word Express; ME = Math Express; GE = Graphics Express]. There are, however, some side effects. One is that the WordStar directory now displays the .COM and .OVR files. Another effect is the turning off of the inverse video in the WordStar display. Yet another result is the speeding up of the logon message, an outcome you will no doubt appreciate.

To enter Word Express/WordStar, [the tool that I use the most], type "WE." WordStar performs as usual [except for the inverse video]. When you need to access the thesaurus, move the cursor anyplace in the word you want to look up and press <ESC><ESC>. The top of the screen [the menu area] will clear, and the referenced word will display in all caps at the top left. If there is a thesaurus entry, the list of words will display, as will commands for selecting the replacement and either implementing or cancelling the change. If your word is not in the thesaurus, a list of alphabetically close words will be displayed. If you are in WE [Word Express/WordStar], you may call Math or Graphics Express from the Opening Menu by selecting "R" and entering either "ME" or "GE".

Math Express lets you do either vertical or horizontal calculations. At the point where you want the calculation to be done, press "~C". You can calculate only one function [i.e. add a column of numbers] or mixed calculations with parentheses to control execution. Math Express will round off numbers to the decimal places you specify.

When you install Graphics Express, you must select a printer, and it must be a dot matrix printer. Selections are made from a menu.

Spelling Express is a spelling checker. To use it, you must exit WordStar and swap the Word/Math disk in Drive A for the SE disk. You invoke by typing "SE" and then responding to the prompt with the file name you wish to check. You will be given a total word count and a word frequency count [the number of different words]. After the program gathers the misspelled words, you may review them and delete those that you want to keep, show each word, one at a time in context, correct, mark in the text, correct and mark if length changes, or exit the program. If you choose to correct a word, you may make the correction for only that one occurrence of the word in the document, or all occurrences. You may have the word accepted as accurate for only that occurrence, or all occurrences in the document. You may also choose to ignore a word [leave it as you entered it]. You may look up a word and choose one on the list as a replacement. When you do choose to look up a word, if it is not in the dictionary you will be presented with a fairly long list of alphabetically close words.

StarDrive was designed to augment the power of WordStar and enhance the competence of the writer. All four parts of this package achieve these ends. In addition to being easy to learn and easy to use, the documentation is succinct and accurate. With all the versatility and power this package contains, the \$200 selling price seems pretty reasonable. I think you'll agree.

StarDrive
Robonics
936 Hermosa Avenue
Hermosa Beach, CA 90254

Compat Review

by A. Jackson

This review was a little more difficult to do than most because COMPAT is disk interchange software. That means, in order to test it, you must have two different computers.

Well, it so happens that KUG just received their brand new Kaypro 16, which is MS/DOS vs. my Kaypro II's CP/M. This should really test the reliability of COMPAT.

First, let me say that COMPAT is produced by Mycroft, the MITE people, who did a pretty good job with the modem software.

After backing up the master, the working copy was placed in drive A and a blank unformatted disk was placed in B. At the prompt I typed "format" and a menu appeared. From that point on everything I wanted to know appeared on the screen. The well written and defined manual was used only for reference when I was ready to move files from one format to another.

The disk in drive B was formatted using IBMPC1 (MS/DOS). Then, using COMPAT, I was able to set drive A to CP/M and drive B to MS/DOS and with the use of the "MYCOPY" program, I copied over some ASCII text files. Using the directory program, I was able to call the directory of each disk. It sure looked as if the transfer worked. Off I went to try this newly produced disk on the Kaypro 16.

Using the TYPE command, I checked to see if the file actually did transfer. Then using Ctrl-P, I checked to see if it would transfer to the printer. What a nice surprise! IT DID, and the entire procedure took only minutes.

In addition to the MS/DOS, COMPAT offers 30 more CP/M and MS/DOS formats that you can read and write from on the Kaypro (60 on the double sided drives). You can also change the formats of both drives to allow transfer between two alien disks.

COMPAT is from Mycroft Labs, Inc., P.O. Box 6045, Tallahassee, FL 32314. The regular price is \$95.00, but if you have a copy of MFDISK, you may purchase COMPAT for \$32.50 which includes shipping.

Kaypro News

With the introduction of their new 286i (the IBM AT clone) and now the Kaypro 2000 (the IBM-compatible portable lap computer) Kaypro seems to be headed one way—toward the business community.

The latest information we have from Kaypro regarding the 2000 is as follows:

The 2000 uses the IBM-compatible MS/DOS operating system and comes with an 80 column by 25 line liquid crystal display screen, built for Kaypro in Japan. It has 640 x 200 pixels and a backlight for improved legibility.

One of the features is the detachable keyboard. It still connects with a cord, but it doesn't confine the operator to any one position and makes the screen easier to read.

The standard 256k is expandable to 768k, and the single 3.5 inch disk drive allows 720k of storage on each disk. The 2000 has an 8080 processor and runs at 4.7 Mhz with I/O for RS232 and parallel ports. Power is supplied by a rechargeable battery with up to four hours' use of computer time. Peripherals may be added, including a 5.25 or external hard drive.

Total weight of the Kaypro 2000 is eleven (11) pounds.

The bundled software includes the full MicroPro (Star) package and GW Basic.

The price for this laptop is \$1995.00, and delivery is scheduled for some time in June.



WORDSTAR by Chiang

SPEEDING UP WORDSTAR'S EXECUTION

WordStar is sometimes a slow program to use, especially vers 3.3. This can be corrected by patching the program. If you are willing to use DDT, you'll have a bit less frustration while working.

As described in the last issue, DDT or INSTALL (for v 3.0) can change specific byte values in the program. (For WINSTALL for v 3.3 you can use the Custom Modification Routine by typing a "+" at the first menu.)

WordStar has five major timing loops, or delays, that control pauses in the program. One of them is used in the bothersome boot-up, giving you plenty of time to read the giant "WORDSTAR" and the copyright notice. To speed things up, use the Custom Modification Routine or DDT on the file WS.COM at these places for v 3.3:

```
-S2AF
2AF 03 00
2B0 09 00
2B1 19 <cr>
2B2 40 00
2B3 09 00
2B4 00 .
```

(The locations for v 3.0 are 2CF to 2D3.) The first two values are not really significant. The changes to the last two hurry up the sign-on screens and the messages, such as "NEW FILE" or "ABANDONING UNCHANGED FILE."

The third value is left unchanged, but you might want to increase it. This gives you a couple of seconds, in a two-stroke command, between the prefix command and the time the prefix menu is displayed on help level 2 or 3. If you set this value to 00, then you will actually slow down the program, because it will instantly go to the disk and bring up the menu. No matter how fast you type the second keystroke, you will waste time with the disk accessing.

Another fix does some more good with the opening sign-on screen by taking it out altogether. To do this, you fill segments of the program with nothing, using:

```
-F3CF1,3CFC,0
-F3DOF,3D26,0
```

This takes out the giant "WordStar" and the copyright warning totally, cutting off a few more seconds with each boot-up. It does leave the serial number intact, though.

One last patch involves something totally different, screen redisplay. In v 3.3 of WordStar, scrolling up means having each line of text rewritten across the screen, instead of an actual scroll where the text would virtually slide down. With the help menu on, scrolling either way causes the screen rewrite, which is tediously slow and sometimes messy.

This can be fixed by altering the INSERT LINE and DELETE LINE functions, which are used whenever moving to new text on screen. Here we plug in ESCape sequences to do what we want.

```
-S257 (274 for v 3.0)
257 00 02
258 00 1B
259 00 52
260 00 .
-S25E (27B for v 3.0)
25E 00 02
25F 00 1B
260 00 45
261 00 .
```

Now you'll have a nice, rapid scroll when using CTRL-W or CTRL-Z, allowing faster movement through the text. However, there is a problem for Kaypro 10's or 84 models. The video display for these gives a twitchy distortion. Try it out to see if you find it unacceptable.

Finally, there is a simple non-patch procedure that may speed up certain operations. WordStar often takes time with its screen displays, as when it boots up or when doing a global search and replace, showing you each change. By hitting a key (such as ESCape) repeatedly during the operation, WordStar will forget the screen redisplay and proceed more rapidly. (Replacements are then invisible.) This and the above patches can shorten your waits while using WordStar.

* * *

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Best of KUGBB

If you have dBASE version 2.3, the best way to PACK is to turn all indexes off [SET INDEX TO], do the PACK, then REINDEX. If you have complex indexes, put the procedure in a command file. If you had version 2.4, PACK would not give you any trouble at all. After a PACK, dBASE 2.4 REINDEXes all indexes in use at the time. I strongly recommend upgrading to 2.4, which so far seems totally bug free and has some excellent enhancements.

—Larry Donato

Extending a line to fill up a wide carriage printer (in dBASE) can be done one of three ways.

1: Simply use the "?" to begin the first line and when you type in the second line, use "??" This continues the text where the first one left off.

2: If you simply end the command line with a semi-colon, dBASE sees whatever is on the next line as a continuation of the previous - dBASE allows up to 256 characters on a line in this manner.

3: Using "direct positioning" to print the line, first use "@ line, 0 SAY" and on the next line use "@ line, 40 SAY."

I'd suggest 1: or 2:, as the third suggestion makes you do extra typing.

—Steve Aidikonis

An eternal problem for people with call waiting is the beep that disconnects the carrier with the result that a Hayes will automatically hang up the phone. A solution from Dick Temple is to change the value in the S10 register of a Hayes SmartModem, so that the modem waits through the beep and reconnects with the original carrier. This causes havoc with file transfers, but at least the call is saved. The procedure is as follows: —Go into the terminal mode of the modem program. —Type the following at S10 = 25 <CR>. —You should get an "OK." —The register is now changed until the modem is turned off or an ATZ command is sent. The carrier will now have to be interrupted for 2.5 seconds before the modem will hang up. Try it.

—Dan Siebold

The article in Kugram V2 #6 neglected to mention that you can print a file with WordStar using all default values by simply pressing "ESC" after the first prompt following "P," thereby bypassing all of the print option questions.

—Stan Modjesky

I am an attorney practicing in the Chicago area. With all the special user groups developing, I was wondering whether there are other Kaypro user attorneys interested in sharing information and uses of the machines. Suggestions: our own newsletter to share ideas—I'd be happy to coordinate and distribute ... address follows: George Segenreich, One N. LaSalle Street, Suite 1500, Chicago, IL 60602, voice: 312-372-3850, MCI: 202-9573, Chicago Lawyers MUG [IBM] 280-8180/BBS

—George Segenreich

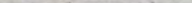
To get MITE to autoanswer, go to the <P>arameter menu and change the <M>ode to <ANS> instead of <ORG>. Make sure the rest of the parameters are the same as the person who will be calling you. Assuming you have a modem that supports AUTO-ANSWER, you will be in business the next time your phone rings. Also set your dial prefix to: AT M0 S0=1 to tell the modem not to make any noise (M0) and to answer on the first ring (S0=1). This assumes that you have a Hayes 1200/3/00 SmartModem. If you have some other modem, use its commands in place of the above. Good luck!

—Richard Walker

Columns in WordStar: Enter copy and check for spelling, editing, etc. Reformat to desired width of finished columns (^B). Ex. If you compose with width of, say, 60 columns and want final columns to be 20 each, change right margin (^OR) to 20 and re-format. Count number of total lines—or decide how many are to be on page. Use Column Move (^KN) toggle (not on early versions of WS). Turn Insert off (^KV). Reset right margin to total width of 2 columns plus whatever space you want between them (ex. 20 plus 5 plus 20 = 45). Mark what will become RH copy with ^KB and ^KK. Place cursor in first space to be occupied by RH copy and ^KV. Be sure Insert is OFF!!! Works very nicely. Can do 2, 3, 4, or more blocks side by side.

—Aaron Sheaffer

The PropType program (used for printing this text) brings under control the elegant but tricky technique of proportional printing (with the Itoh ProWriter - but not the BPI version): Completely straight margins, also with (enumeration) indenting. Features: User-definable characters (by dot-pattern editing - e.g. ~~and~~ and), control codes, + control over the non-ASCII symbols:

codes, + conf.  0123456789() + - * / =  0123456789() + - * / =

PropType can read text from standard textfiles or WordStar files. - Or directly from the keyboard in two full-feature typewriter modes; writing line-by-line (with word wrap and margin adjustment) or character-by-character. (E.g. for filling forms) PropType is indispensable for writing in foreign languages, as well as for math/science writing.

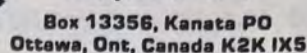
Shooting, bowling, archery.... The High Points system helps you manage competitions (with 1-10 rounds) in which participants (in 1-10 classes) compete for the highest number of points. Names of participants, teams, and classes - and points/sums - are handled in fields with user-controllable size. You may also choose teamsize and type of automatic numbering of participants. Simple spreadsheet-like operation (with arrow-key navigation in the data table immediately showing sums) permit fast and simple data entry, while single-key menu selections permit these operations to be started at any time: Save data in files (e.g. after each round - for simple restarting from data by then), display ranking list for individuals or teams in any class (or all combined), turn on/off printing and/or filewriting of ranking lists. An unranked list of participants - with or without points - may also be written.

High Points can handle competitions with up to 400 participants+teams, and lets you start announcing the ranking lists two seconds after data entry is completed - while ranking lists may be printed. These lists may simultaneously be written on a textfile which can be edited to the final competition report. High Points is designed for maximum data safety and simple use.

PropTypeer and High Points: \$38 each, airmailed from:

Naess-Data
box 117
N-5014 Bergen-Univ.
Norway

(Trade marks: ProWriter: TM of C. Itoh Digital Products, Inc.
WordStar: TM of MicroPro International Corp.)



WHY BUY COMMAND CENTRAL PLUS WHEN PUBLIC DOMAIN IS FREE?

SWEEP VFILERZ CC+
DISK/WASH VFILER

Execute any .COM file	No	No	Yes
- optionally add parameters	No	No	Yes
- auto-reloads self when done	No	No	Yes
- returns to current drive/user	No	No	Yes
Auto-determine which drives are valid	No	No	Yes
- prevent access to invalid drives	No	Presets	Yes
List operational drives	No	No	Yes
Insert notes at start of existing file	No	No	Yes
Append notes at end of existing file	No	No	Yes
Find string(s) in file(s)	No	No	Yes
- give Context, Line #, Filename	No	No	Yes
Lockout bad sectors/FINDBAD	No	No	Yes
Sort, pack and rewrite directory	No	No	Yes
Print file on printer	Yes	Yes	Yes
- with Top and Bottom margins	No	Yes	Yes
- and Filename header	No	Yes	Yes
Display 64 files at once	No	Yes	Yes
Pointer selects current file	No	Yes	Yes
- use KayPro arrow keys	N/A	3 of 4	All
- use WordStar cursor commands	N/A	Yes	Yes
- use Perfect Writer cursor commands	N/A		Yes
Max number of files in directory	Varies	~3500	~3000
View files at console	Yes	Yes	Yes
- Screen, Line scrolling	No	Yes	Yes
See/change file attributes	No	No	Yes
- in plain english	No	No	Yes
- interactively displays changes	No	No	Yes
GoTo any file, including hard disk	No	Yes	Yes
Bitmap blocks used/unused on disk	No	No	Yes
Create 0 Kb disk ID files	No	No	Yes
Create and write comment files	No	No	Yes
Requires installation	No	Yes (?)	No
Prompting	Some	More	Lots
On-line help menus	No	No	Many
Documentation quality/completeness	Poor	Poor	Great
Error messages	Cryptic	Cryptic	Clear
Rename feature fully debugged	Yes	No	Yes
Slow 8080 or Fast 280 code	8080	280	280

for all cp/m
kaypros

Keypro

<<< COMMAND CENTRAL PLUS >>>

One File (C) Copy with verify (E) Erase file (F) File size (G) Go to file (K) Keep/Change file attributes (P) Print on LSR, with pagination (R) Rename file (T) Tag file with "*" (U) Use tag file (V) View file with page/line scroll (W) Write a disk ID file (X) Execute .COM file and return here (X) Insert notes at start of file (X) Append notes to end of file Mass Files (B) Batch tag/untag (R) Mass copy tagged files (Z) Zap (Mass Delete) tagged files	Drives (A) Available space on disk (I) Indicate blocks used/unused (J) Junk (locks) bad blocks (L) Login new drive/disk (N) Number of files on disk (O) Operational drives (list) (S) Sort and pack directory Movement (bs) Back-up to previous file (sp) Forward to next file (d) Display next 64 files (c) Display previous 64 files Miscellaneous (R) Draw new screen (refresh) (M) Hunt for string(s) in file(s) (Q) or <ESC> Exit to C/P/M (?) or <?> Display this menu
---	--

(.) Display array keys, Perfect Writer and WordStar cursor commands
 *** Press Any Key To Display Directory ***

Here's an example of what CC+ can do - How does your dishwasher rate?

HUNT for all .DOC files containing "WordStar" and "soft hyphen" -- reports filename, line # and context for each match. VIEW FILT.DOC with line/page scroll (none of that CNTL-S jazz) to see how FILT.WRK works. WRITE an empty file, TEST.TXT, and APPEND some WordStar-like text. EXECUTE FILT.WRK with TEST.TXT as a parameter, then EXECUTE DOT.COM to check the results -- CC+ reloads itself automatically each time, coming up in the current drive/user. CHANGE FILT.DOC (if required) from R/O to the R/W attribute and INSERT your own notes along with the printer codes to get enhanced print. PRINT FILT.DOC with header and top/bottom margins (no printing on the perfs)

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Award Software, Inc.
236 N. Santa Cruz Ave.
Los Gatos, CA 95030

SEVEN-COLOR DOT MATRIX PRINTER

from
J.F. Jordan Associates
RFD 3, Meadow Lane
Huntington, NY 11743

WOOD COMPUTER FURNITURE/STANDS

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Unique Wood Products
1002 N. Front St.
Mankato, MN 56001

READING & ARITHMETIC — AGES PRE-K TO 9

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P.O. Box 3244 WVS
Kamuela, HI 96743

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Cableco International Corp.
8259 Cirrus Drive, Bldg. 16
Beaverton, OR 97005

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from
20th Century Plastics
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P.O. Box 2533
Los Angeles, CA 90051

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21107 Vanowen St.
Canoga Park, CA 91303

**

The VENDOR column is not advertising. We will list as many vendors as space allows. These listings in no way represent our endorsement.

IT WOULD HELP US IF YOU MENTION KUGRAM

CP/M Stuff

In this issue we will "concatenate with the peripheral interchange program."

What did he say?

He said we will "combine MANY programs or files into ONE using PIP."

Let's see how concatenation works.

Prepare a disk with four files on it. Three are text files written on your word processor. The first is called TEST. It should read: This is a test. The second is called TEST1 and should read: This is very important! (Be sure to use upper and lower case letters.) The third is called TEST2 and should read: Isn't this great? The fourth file is the PIP.COM file.

Now with your CP/M disk in A> and the text files in B>, type B: . At the B> prompt type the following:

```
B>PIP STORY=TEST,TEST1,TEST2 <return>
```

Using the TYPE command type TYPE STORY. You now have three files combined into one. Before deleting the original files, check to make sure that they have been transferred. How many times have you wished that you could put more than 64 files on a disk? All those short memos you type can now be concatenated to get more storage on your back-up disks. Another use would be to combine chapters of a book after setting up separate files for each chapter.

Since PIP can also be used to send files to the printer, try this:

```
B>PIP LST:=TEST,TEST1,TEST2
```

Your files can be on different drives, but you must use the drive name with them. For example, B:test,A:file,B:test2.

You can also use the PIP parameters. Try: PIP STORY=TEST,TEST1[U],TEST2 Doesn't that give you some good ideas?



In Response ...

...Some programs (such as WordStar) handle text in such a way that reading their files in another program shows you a lot of graphic characters or hard returns. To create a "clean" (or at least cleaner) version of those files, try using: PIP <newfile> = <oldfile>[z]. The "[z]" will strip most of the graphics characters out of the file.

...The new release of Perfect Software (Filer, Calc and Writer) are not software compatible with previous versions. It is likely that file compatibility will also be a problem. (See Blair's review.)

...Installing a Brother HR-15 printer is easily done if the printer installation menu for your software lists the Diablo 630 printer. The Brother HR-15 printer emulates a Diablo 630.

...Of course, we all format the entire new box of disks as soon as we open them. How can you tell which are the newly-formatted, blank disks? Put them into their jackets backwards. You can see at a glance which ones are ready for your every beck and call.

...Whom do you turn to if your software "breaks down"? If it's the software that came in the box with your Kaypro, you have a friend at Kaypro Software Technical Support (619-481-4300). If the software was not part of the original Kaypro package, you may have a friend in that distributor's technical support group. There will usually be a telephone number someplace in the documentation.

...MFDISK is a mixed blessing. It's fine for resetting a drive to another format. It's something other than fine if you stay in it after using it. It has a tendency to chew up your data. Once you have finished using MFDISK make sure you reset your Kaypro with a COLD boot.

ENHANCE WordStar

with

P-r-o-p-o-r-t-i-o-n-a-l Spacing on WordStar

You are reading text printed by WordStar in proportional spacing, providing a professional, easy to read, typeset appearance.

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Disk version (CP/M, MS/PC-DOS) automatically modifies WordStar \$75 including manual. Manual only (100 pages - with full details for implementing PS using Install) \$25. No technical skill is needed. Text can be right justified. Printer does not require PS logic. Prices include shipping in U.S. NYS add tax.

Okay! My check is enclosed for \$..... (or charge my VISA/MC acct # exp).

Writing Consultants

Suite 255, 11 Creek Bend Drive - Fairport, NY 14450

1-800-828-6293 (in NYS 1-716-377-0130)

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Library

- #101 PAC-MAN & CHESS [Games]
- #102 ELIZA & GOLF & MISC. GAMES
- #103 MODEM795 for tel. comm. [Modem]
- #104 HELP CP/M, MBASIC + Others [Helps]
- #105 UTILITIES 1
- #106 ADVENTURE [Games]
- #107 STATISTICS
- #108 MBASIC MYSTERY [Games]
- #109 UTILITIES 2
- #110 POSTER PRINTOUTS [Pictures]
- #111 KAYPRO 10 GRAPHICS
- #112 HELP PERFECT, SBASIC, Etc. [Helps 2]
- #113 SBASIC & MBASIC PROGRAMS [Business]
- #114 LITTLE BLACK BOOK [Directory]
- #115 STAR TREK + 15 MBASIC GAMES
- #116 MULTI-FORMAT DISK FOR KAYPRO II
- #116 MULTI-FORMAT DISK FOR KAYPRO IV
- #117 MULTI-FORMAT DISK FOR KAYPRO 10
[Multi-format disks run on CP/M only.]
- #119 CONCENTRATION + 15 MBASIC GAMES
- #120 HP CALCULATOR + MISC.
- #121 STANDARD FORTH [Language]
- #122 SOURCE FOR FORTH [Language]
- #123 WP & PC UTILITIES
- #124 UTILITIES 3
- #125 HANDY [Time Management]
- #126 ASTRONOMY [Science]
- #127 PC & PW UTILITIES
- #128 KAREL THE ROBOT [Language]
- #129 MONOPOLY + MBASIC GAMES
- #130 MASTER CATALOG [Catalog]
- #131 LOGO GENERATOR/EPSON [Business]
- #132 SUPER UTILITIES 4
- #133 STATISTICS 2
- #134 STATISTICS 3
- #135 STATISTICS 4
- #136 STATISTICS 5
- #137 STATISTICS 6
- #138 FRANKENSTEIN [Game]
- #139 LITTLE BLACK BOOK [MBasic update]
- #140 FILE CARD DATABASE
- * #141 K10/HARD DISK UTILITIES
- * #142 ACCOUNTING PACKAGE [Business]
- * #143 DISK MANAGER + [Utilities]
- * #144 WORD PROCESSING + [WP Utilities]
- * #145 TYPE & MATH—MBASIC [Educational]
- * #146 UTILITIES 5
- * #147 PF & WP UTILITIES
- * #148 SCREENWRIGHT [Format]
- * #149 VEGAS [Games]

* New contributions

Send \$10.00 [for each disk] to KUG Library, Box 100, Malverne, NY 11565. DO NOT SEND US ANY DISKS. Be sure to mention the disk name, number, your mailing address and I.D. number.

New Library Disks

Following are descriptions of files found on the disks that have recently been added to the KUG Library. Most disks contain more programs than are listed here. Space limitations prevent us from describing all the files.

#141—K10/Hard Disk Utilities [can be used with a hard disk on a Kaypro II or 4]: Program to allow backing up on as many floppy disks as necessary. Directory program that displays files alphabetically under all user areas. Program to move files between user areas.

#142—Accounting Package: Menu-driven accounts receivable program for small business. Invoicing using pre-printed forms.

#143—Disk Manager: Directory programs. Executive management program. Formatted print utility. File protection.

#144—Word Processing Utilities: Proportional printing for WordStar. Recover MBASIC program not SAVED. Define special function keys. Index a WS text file.

#145—Type and Math [Educational Disk]: Create a hard copy test paper. Learn to type. Send a few copies of a standard form letter. Print multiple copies of your name, address and phone number.

#146—Utility 5: Version 7.7 of DU. Debug MBASIC programs. Key definition program. Set a password to protect your files. Format more than one file at a time. Supersubmit program.

#147—PF and WP Utilities: Multi-column text utility using Perfect Writer and Perfect Calc. Edit directly from CP/M. Math utility for Perfect Filer.

#148—ScreenWriter: Formats text into accepted script form. Reads dot commands for character names, speeches, camera directions, parenthetical remarks, etc. Automatically numbers scenes.

#149—Vegas: MBASIC word games, number games, card games and money games, eight in all.

National KUG Disks

Most of the programs on these six statistical disks are written in S-Basic and deal with advanced statistical tests. See notice of special offer at bottom of column 2. The description of Disk 107 is reprinted from KUGRAM Vol. 2, no. 2.

DISK 107: STATISTICS

ANOVA: Calculates an analysis of variance table. CHISQ: Calculates the value of chi square for any of 3 situations: simple chi square, the 2 X 2 contingency table, and larger contingency tables. CORLREG: Calculates the correlation coefficient and the regression equation. MEANSQ: Calculates the mean, standard deviation, sum of squares, and variance. TTEST: Calculates the value of "t" in order to compare the means of two groups to see if they are statistically different.

DISK 133: STATISTICS 2

MEAN.COM: Mean and standard deviation. MEAN-GRP.COM: Mean and standard deviation of grouped data. Z-TRNS.COM: Z transformation of data. RANK-ORD.COM: Rank order of data. T-TEST.COM: T-test, single sample; T-test, homogenous variance; T-test, heterogenous variance; T-test, correlated samples. T-TEST2.COM: T-test, assumptions unknown. WHITNEY.COM: Mann-Whitney. WILCOX.COM: Wilcoxon test. SIGN.COM: Sign test. RUNS.COM: Wald Wolfowitz runs test. MEDIAN.COM: Median test. F-TEST.COM: F-test.

DISK 134: STATISTICS 3

CORR.COM: Linear correlation. RANK-COR.COM: Rank order correlation. KEN-TAU.COM: Kendall tau statistic. KEN-CON.COM: Kendall concordance statistic. BISERIAL.COM: Point biserial correlation. LIN-REG.COM: Linear regression. MULT-REG.COM: Multiple regression. CHI-SQUA.COM: Chi square with known expectancies; Chi square with multiple samples. KOL-SMIR.COM: Kolmogorov-Smirnov test. KOLM-SIN.COM: Kolmogorov single samples test. FISHER.COM: Fisher exact test.

DISK 135: STATISTICS 4

T-DIST.COM: T distribution. CORR-DIS.COM: Correlation tables and distribution. RANK-DIS.COM: Rank order correlation tables and distribution. KEN-DIS.COM: Kendall tau tables. KCON-DIS.COM: Kendall concordance tables. WHIT-DIS.COM: Mann Whitney tables and distribution. WIL-DIS.COM: Wilcoxon tables and distribution. KOL-DIS.COM: Kolmogorov-Smirnov tables. KOLDIS-S.COM: Kolmogorov single sample tables. CHI-DIST.COM: Chi square tables. F-DIST.COM: F distribution. RUNS-DIS.COM: Wald-Wolfowitz runs distribution and table. BINOMIAL: Binomial distribution.

DISK 136: STATISTICS 5

ANOVA1.COM: One way analysis of variance. ANO1.REP.COM: One way analysis of variance with repeated measures. COVAR1.COM: One way analysis of covariance. KRUSKAL.COM: The Kruskal Wallis test. FRIEDMAN.COM: The Friedman test. COCHRAN.COM: The Cochran test. HARTLEY.COM: The Hartley test. TUKEY.COM: The Tukey test. SCHEFFE.COM: The Scheffe test. NEWMAN.COM: The Newman Keuls test. DUNCAN.COM: The Duncan test. NORM-DIS.COM: Normal distribution.

DISK 137: STATISTICS 6

ANO2-FIX.COM: Two way analysis of variance, fixed effects. ANO2-RAN.COM: Two way analysis of variance, random effects. ANO2-MIX.COM: Two way analysis of variance, mixed effects. ANO2-REP.COM: Two way analysis of variance, repeated measures. ANO2-NEX.COM: Two way analysis of variance; nested design. ANO2-UNE.COM: Two way analysis of variance, unequal cell size. COVAR2.COM: Two way analysis of covariance. ANO3-FIX.COM: Three way analysis of variance. FRIED-DS.COM: The Friedman distribution program.

Special Offer

All six STATISTICS disks (#107, #133, #134, #135, #136, #137) are available for \$50.00, a savings of 20%. Please request STATISTICS SIX-PACK, and make sure your KUG I.D. number is on your check.

Sysop's Corner

By Frank Fallon

As Sysop of a CBBS system, the original Computerized Bulletin Board System from Ward Christensen and Randy Suess, I frequently get complaints from users that it takes a long time to log onto the KUGBBS system. That's true if you try to log on the wrong way. A CBBS system does a hardware sense for speed and uses a modified RS-232 cable for this purpose. Sending a CBBS system <CR>s does nothing but slow the log-on process down. Next time you call a CBBS system, let it sense your speed. The system takes slightly less than 2 seconds to do this. You will log-on in record time—faster, in fact, than with an RCP/M system. But remember, type nothing at CBBS until it types to you. The CBBS system will begin sending text to you without you doing a thing.

Another thing you can do to speed up operation on an RCP/M or a CBBS system is to link commands. You should be aware that on most systems a semicolon can be used to link commands together and speed things up. For example, you can log on by using a semicolon to separate your first name, last name, and password. Thus entering JOHN;SMITH;COMMON would log you in if your name were John Smith and your password was "common." The only problem here is that you will see your password echoed on screen.

You may also want to speed things up by telling a system that you want to read a number of specific messages. If you have done a message scan and decided that you want to read messages 250, 255, and 260, you could do this by entering R;250;255;260 followed by a carriage return.

On a CBBS system such as KUGBBS you can do a scan of messages. Enter S;-50 and you will scan the last 50 messages. While the message scan is taking place you are able to flag messages for later reading by entering "F" which will automatically flag the previous message.

Also, you have the ability with a CBBS system to skip many of the bulletins by entering K or Ctrl-K.

On an RBBS system a Ctrl-K will accomplish the same thing, but be warned that you may have to enter it a few times in order to get the system to abort the bulletin or information file. I have had a few complaints from regular users of KUGBBS about the file immediately before you reach the function menu, a file which cannot be skipped. There are so many new people coming into the system each day that I feel users need it at a place where they can read and refresh their memory before using the system.

But, for real time/money saving nothing beats composing your messages off-line. Use your word processor in the non-document mode to compose your message BEFORE you log on. Provided you keep your line length down around 70 characters, keep the number of lines per message under 20 lines (or whatever the system limits are), and set your parameters so that you send a line feed after a carriage return (TLF with MDM740), you will have no problem. You will have to enter the first part of the message manually—date, subject, who, and password—but you can send the body or text of the message from a disk file with the Ctrl-T function of MDM740. After manually entering date, subject, etc., you enter Ctrl-T and you will be prompted by MDM740 for a filename. Once you provide a filename you will be asked if you want to use delays. Answer yes and then enter a carriage return. Your message will be sent automatically with no errors if you have proofed it. Now that saves time, a great deal of time. Think of all the money you have given the local phone company because of clumsy typos or slow typing. A little organization and use of Ctrl-T can save BIG bucks. In fact, you really should not enter messages in real time ever as it's simply too slow even if you are a touch typist. And it ties the system up for long periods of time. A few notes on formatting messages: It takes awhile to realize that you can send a blank line by entering one space on a line and then a carriage return. It will be invisible to the person who reads the message, but the machine sees that there is something on the line and lets you continue entering text. On CompuServe you accomplish the same effect by entering a period as the first character on a line.

Blake Van Meter - PeopleTalk Associates

ProportionalStar - A Study in Spacing

There are many things in this world which are accepted as the best in their class in spite of glaring shortcomings in their performance. For instance, WordStar may be the most popular word processing program of all time, but it won't do proportional spacing... Until now!

ProportionalStar brings the world of proportional spacing home to you, the WordStar user. You, too, can create the beautiful documents that have been only available to those who braved the "more powerful" programs. And mercifully, ProportionalStar makes it easy.

Like many of us, the people at Writing Consultants needed the professional quality output that only proportional spacing can provide. After a little research they discovered that WordStar had proportional spacing capability, but for various reasons MicroPro did not activate it. It seems problems in the logic tables used in calculating proper spacing caused the output to be unsatisfactory for any serious use.

With a little help from MicroPro, Writing Consultants learned how to activate and correct WordStar's proportional spacing logic. Initially W.C. published a book on how to "patch", or fix, the problem areas in WordStar. Now they also sell a program that does the patching for you.

The book is sold for \$25, with the optional installation program costing \$75 from Writing Consultants, Suite 232, 11 Creek Bend Drive, Fairport, NY 14450.

While fixing WordStar manually requires no special skill, it IS tedious. Furthermore, as with most programs, you may find it necessary to make numerous adjustments to achieve the results you desire. Perhaps the most important consideration is that manual installation opens the opportunity to make mistakes. For these reasons, the extra cost of the installation program is a worthwhile investment in your sanity.

Regardless of the method you choose, the resulting hard copy will leave you "StarStruck."

The proportional spaced text looks much more professional than standard WordStar output, and the many printwheel styles increase your printing flexibility. You can, of course, still print in non-proportional mode if needed.

However, like most great advances, there are a few problems. Some characters have a tendency to overlap, especially in uppercase words. In response to this difficulty ProportionalStar lets you adjust the spacing allowed for each character, but there is a limit as to how much space can be added. This problem is especially evident in certain letter combinations, such as "mm" or "omp".

WordStar allows the pitch, (the number of Characters Per Inch, or cpi), to be changed at any position in the document. This feature is invaluable in correcting the spacing problems. By increasing the pitch from 10 cpi to 13 cpi overlapping characters can be separated. This technique is almost always necessary on strings of capitals, and can even be implemented in the center of a word. In this manner, two "connected" letters in the middle of an otherwise satisfactory word can be corrected without making the word seem unnaturally distended.

The manual offers many techniques for overcoming these problems, which are very helpful. These involve reforming paragraphs, inserting phantom characters, forcing words to new lines, and turning proportional spacing off temporarily.

The only real problem we had was the inability to turn proportional spacing off in the middle of a document. This was awkward when working with tables. The variable spacing between characters resulted in uneven columns, a problem that could have easily been prevented by switching proportional off before the table and back on at the end.

You can create copy equal in quality to most typesetters, at a very modest cost. In fact, we were so pleased with the results that we're printing our latest book, THE ALL STAR GUIDE TO THE KAYPRO, with ProportionalStar.

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Chapter News

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Al Gerson, Editor and Publisher

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