

Hardware requirements:
IBM PC, IBM XT, IBM AT,
IBM PCjr (with 256K), Compaq,
Columbia, Corona, and other
very compatible compatibles.
One or two disk drives
or optional hard disk.

Voted as one of the most popular software programs.
PC World, October 1985

"I use COPY II PC and find it invaluable."

Thom Hogan, Business Software

"Nothing could be easier to use."

Peter McWilliams, syndicated computer columnist

"The best disk-copying utility I've found."

Jim Seymour, syndicated computer columnist

- **Protect your software investment!**

Make backup copies of protected and unprotected computer programs. Central Point's state-of-the-art technology enables you to make copies of many of the most sophisticated protection schemes! You'll have a backup handy should misfortune befall your original disk.

- **Boot the hard way!**

Many popular business programs can be installed on your hard disk drive and then run without use of a key floppy disk.

- **Beyond PC DOS**

COPY II PC automatically verifies the disk it's copied to check for accuracy. It's like running DISKCOPY and DISKCOMP at the same time!

- **Everything you wanted to know, but were(n't) afraid to ask...**

Whether you're a novice or an experienced computer buff, you'll find your COPY II PC manual easy to read, easy to follow and, most of all, easy to understand.

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Central Point Software, Inc.,
publisher of the bestselling
COPY II PLUS for Apple II series,
COPY II MAC for Apple Macintosh,
COPY II 64/128 for Commodore 64 & 128,
COPY II PC for IBM and compatibles,
COPY II ST for Atari 520/1040 ST

Central Point Software, Inc.,
9700 SW Capitol Highway
Suite 100
Portland, Oregon 97219
Telephone:
503/244-5782

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**OVER
100,000
SOLD!**

COPY II PC™

PROTECT YOUR SOFTWARE INVESTMENT...

For IBM PC™
and compatibles

- ☒ Backup most protected software! (for archival purposes only)
- ☒ Run many popular business programs from your hard disk!
- ☒ Verifies disk copies!
- ☒ Includes disk drive speed check!
- ☒ Fully automatic!

Central Point
Software's
bestselling
copy program...

Gold Medal
Winner!
Over
100,000
copies sold

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publisher of these bestselling
disk copy programs:
COPY II PLUS for Apple II Series
COPY II MAC for Apple Macintosh
COPY II 64/128 for Commodore 64 & 128
COPY II PC for IBM PC and compatibles
COPY II ST for Atari 520 & 1040 ST

COPY II PC™ • DISK COPY PROGRAM FOR IBM PC AND COMPATIBLES • CENTRAL POINT SOFTWARE, INC.

SYSTEM REQUIREMENTS

IBM PC, 64K Memory
One or two disk drives

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Central Point Software, Inc.
9700 SW Capitol Hwy. / #100
Portland, OR 97219
PHONE 503/244-5782

COPY II **PCTM**

Central Point
Software
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9700 SW Capitol Hwy. #100 / Portland, OR 97219 / (503) 244-5782

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CONGRATULATIONS!

You have just purchased COPY II PC, *the* backup program for the IBM! COPY II PC will provide these valuable functions:

- 1) Create archival floppy backups of most protected software, quickly and easily.
- 2) Run some protected software from your hard disk without a key diskette in drive A. (So you can use your hard disk with the convenience you had in mind when you bought it!)
- 3) Make backups of standard, non-protected software with verification. COPY II PC is equivalent to running both **DISKCOPY** and **DISKCOMP**.
- 4) Check your drive speeds.
- 5) Bulk erase diskettes.

TO USE COPY II PC EFFECTIVELY

- 1) Read the manual from cover to cover. (This is against most computer users' principles, but is often genuinely worthwhile! For example, if you have problems it really may help if you use your original, un-modified DOS disk and start from a cold boot.)
- 2) Before using COPY II PC with a particular product, check the back-up-ables list for any special instructions that may be required.
- 3) If the manual and back-up-ables list don't answer any questions you might have, please feel free to call us. Having the following information at hand will allow us to be most helpful:
 - a) Your customer # (which, if you bought directly from us, we can find easily for you) or if you bought from a dealer, the serial # noted on your registration card.
 - b) The name, manufacturer and exact version # of the program you're trying to backup.
 - c) Exact error messages, if any.
 - d) Regarding your computer,
Brand and model?
How much memory?
Version of DOS?
Brand and size of hard disk, if any?

COMPATIBILITY

COPY II PC will run on the following machines at this time:

IBM PC
IBM XT
IBM AT
IBM jr. (with 256k)
Compaq
Columbia
Corona
and several other very compatible compatibles.

It uses one or two disk drives and only 64k on most machines, but it does make use of all available memory to speed up the backup process.

Special notes for some machines:

IBM AT: You can make backups using the AT's 1.2 meg high density drive and/or an add-on "normal" drive. If you use the high density drive as the target drive, you must use a top quality diskette as the target. COPY II PC can NOT copy from or onto a high density diskette.

IBM jr: Because of the jr's unique memory allocation, COPY II PC requires 256k on the jr. That entire 256k must be available to DOS. It cannot be allotted to other purposes such as print spoolers and ram disks. If 256k is not fully available to DOS, COPY II PC will tell you so when you try to execute it - consult your memory expansion board manual.

To use COPY II PC on your jr, simply substitute the letters jr in any COPY II PC command instead of pc. (Example: copyiijr a: instead of copyiipc a:)

Compaq Deskpro: If you encounter difficulties, try running the machine at the slower speed.

GETTING STARTED

Send in your registration card! Being a registered owner entitles you to technical support, should you need it, and it lets us tell you about product updates. (Protection schemes change FAST and to keep on top, so does COPY II PC.) If you're registered, you have the option of updating at a reduced price whenever you choose. *(If you purchased directly from us, we have already registered you as a COPY II PC owner and there may not be a registration card enclosed.)*

COPY II PC is entirely unprotected; make a backup of it for safekeeping, using your standard DOS copy command or COPY II PC itself.

COPY II PC comes to you without DOS. You can either boot DOS before inserting COPY II PC, or if you have IBM DOS 2.0, 2.1, 3.0 or 3.1, you can install DOS onto your COPY II PC to make it self-booting. (You may not be able to install MS DOS on it.) In either case, you MUST use an absolutely unmodified DOS. Many

electronic disks, print spoolers and memory boards "patch" DOS; COPY II PC will NOT run properly with a patched DOS.

If you have IBM DOS and want to install it onto your COPY II PC disk, follow this procedure:

- 1) Boot your unmodified master IBM DOS in floppy drive A and get the A>.
- 2) If you have two floppy drives, insert COPY II PC in floppy drive B. (If you have only one floppy drive, don't worry, you'll be prompted when to remove DOS and insert the disk for drive B - you may have to switch disks a couple of times.)
- 3) Type, at the A> B:SETUP and press enter.
- 4) When the process is complete, you'll get the message "1 file(s) copied". Now COPY II PC is a self-booting disk.

MAKING FLOPPY BACKUPS

In almost all cases, making floppy backups is just this simple:

- 1) Start with the computer turned off.
- 2) With your unmodified DOS in drive A, turn the machine on. (If you've installed DOS on COPY II PC, you may substitute it for the DOS master.)
- 3) Press return through the time and date to arrive at the A>.
- 4) Remove the DOS diskette from drive A.
- 5) Insert COPY II PC in drive A.
- 6) **If your computer has two floppy drives**, type at the A> copyiipc a: b: and press enter.
If your computer has one floppy drive, type at the A> copyiipc a: and press enter.
- 7) Remove COPY II PC from drive A and follow the prompts as COPY II PC tells you to insert the source and target disks. **ALWAYS WRITE-PROTECT THE ORIGINAL.** (That way even if you accidentally misplace the diskettes, no harm can be done!)

HELPFUL HINTS:

- If an original disk came to you write-protected, be sure to write-protect the backup BEFORE trying to boot that backup.
- If an original disk is single-sided, add /1 to COPY II PC's command to speed the copy process. (A> copyiipc a: b:/1). It is NOT possible for COPY II PC to make a double-sided backup from a single-sided original.
- Always make your backups from your originals, not from other backups.
- Verify errors don't necessarily mean the backup won't function. Try using it.

- Write verify errors may indicate drive speed is a factor. Try reversing copy direction. (A> copyiipc b: a:).
- If, during the copy process, COPY II PC tells you "Error appears to be data, should it be corrected? (Y,N,None)", it's generally detecting deliberate errors that are being employed by the protection scheme. The appropriate answer will be N for no or NONE, (which will prevent it from requiring you to type N to repeated errors), because you'll want to duplicate the original protected disk exactly. In *no* case will the original be affected.
- If a backup you've created won't run, see "TO INSTALL NOKEY AND RUN A NOKEY FLOPPY BACKUP" and "MAKING FLOPPY BACKUPS WITH NOGUARD".
- Can't back it up? Tell us! Protection schemes change often and the sooner you report changes, the sooner we'll be able to act upon them. We want to know what you would like to see backed up by future updates! (See update details under "GETTING STARTED").

NOKEY:

TO INSTALL NOKEY AND RUN A NOKEY FLOPPY BACKUP:

- 1) If you have two floppy drives, insert COPY II PC in drive A at the A> and the non-functional backup in drive B. (If you have only one drive, you'll be prompted when it's time to insert the disk for drive B.)
- 2) Type, at the A> COPY NOKEY.COM B: and press enter. When the process is complete, it will say "1 file(s) copied".
- 3) To use the backup, insert it in drive A and type at the A> NOKEY and press enter before running the program as you normally would.

RUNNING PROTECTED PROGRAMS FROM A HARD DISK WITH NOKEY:

NOKEY will allow you to run some programs from a hard disk without keeping a floppy in drive A. It does NOT do so by copying the program onto the hard disk, as you might expect. This is how you do it:

- 1) **If the manufacturer of the program provides instructions for installing the majority of the program onto the hard disk**, simply follow their instructions exactly. (Don't copy the "key" diskette onto the hard disk unless the manufacturer instructs you to do so.)

If the manufacturer makes no provision for hard disk running, use the DOS copy command to copy the program files to your hard disk.

- 2) Copy COPY II PC's NOKEY.COM file onto your hard disk, using the standard DOS copy command.
- 3) To use the program, type, at the C> NOKEY and press enter before running the program as you normally would. The nokey file simply causes the program not to check for that "key" diskette in drive A.

HELPFUL HINTS:

- Nokey will generally remain installed until you turn off your computer, although several things can disable it, (running Sidekick or IBM's verify, for instance). If nokey seems not to be working, just type it in again.
- Some compatible owners have indicated that nokey will not function with their MS DOS, but works fine under their IBM DOS.
- To reduce the likelihood of some other memory-resident item interfering with NOKEY, place it so it executes immediately before the program you wish to run with NOKEY.

NOGUARD:

This program allows you to make functional backups of certain otherwise uncopyable programs and to run those programs from a hard disk without fussing with their install/uninstall or copyon/copyoff procedures.

MAKING FLOPPY BACKUPS WITH NOGUARD:

- 1) Create a backup using COPY II PC's standard command (write-protecting your original, as usual). When the backup is complete, COPY II PC will usually tell you if NOGUARD is needed. If so,
- 2) Insert COPY II PC in the A drive and type at the A> A:NOGUARD and press return. (If you have 2 floppy drives, type at the A> A:NOGUARD A: B: and press return.
- 3) NOGUARD will then prompt you to insert your ORIGINAL disk in drive A and press return.
NOTE: Original here means a runnable or installed program disk. Some software as shipped cannot be executed. These programs usually have an INSTALL file on the disk that will create a new disk that can be run. For purposes of using NOGUARD, "ORIGINAL" means the runnable copy created by the master disk, not the master disk itself. If, however, the master disk can also be used to run the program as well as install it to another disk, you can use either the master or the runnable diskette.
- 4) NOGUARD will then prompt you to insert your COPY II PC-made backup into drive A (or drive B, if you have 2 drives) and to press return.
- 5) The backup you have just used NOGUARD on will now behave like an unprotected diskette!

USING NOGUARD TO INSTALL YOUR PROGRAMS TO A HARD DISK

instead of the manufacturer's "install/uninstall" or "copyon/copyoff" procedures has several advantages: a) After using NOGUARD, you'll be able to use your DOS copy commands to transfer the program to or from a hard disk. b) Tape backup and restore programs can be used freely without fear of destroying the hard disk installation.

Step by Step:

- 1) Follow the manufacturer's procedures to copy the files from the floppy disks to your hard disk. Complete the normal installation procedures to setup your printers, monitors, etc. (If you are installing Lotus 1-2-3, version 2.0, you do not need to run "copyon" first, but if you have already done so, it will not hurt.)
- 2) Make the program the current subdirectory. For instance, if the program is Lotus 1-2-3, type at the C> CD \123 and press enter.
- 3) Insert your COPY II PC disk into the A drive and type at the C> A:NOGUARD A: C: and press enter. NOGUARD will prompt you to insert your ORIGINAL program disk into drive A. (You MUST write-protect it first.)
- 4) When NOGUARD has finished, it will issue a message saying that it was successful, then return you to a C> prompt.

Your installation is now complete! You will no longer need to have your System Disk in drive A to start the program, nor will you ever need to use "copyon/copyoff" or "install/uninstall" to transfer your programs to or from a hard disk. The normal DOS copy commands will work just fine should you ever need to do this!

IF NOGUARD DOESN'T SEEM TO BE WORKING

AND IF

- 1) After using COPY II PC, you are prompted to use NOGUARD AND
- 2) When NOGUARD is attempting to process the backup, it gives you the message "Cannot find proper files to process...",

THEN

To Make a Floppy Backup,

- 1) Have a blank, formatted disk ready.
- 2) Insert COPY II PC in your A drive, and type at the A>A:NOGUARD A:prognam A: and press enter. (Or if using two drives, type at the A>A:NOGUARD A:prognam B: and press enter.)

NOTES: Prognam is the name you would normally use to RUN the program, not the INSTALL program. As always, the disk being used as the original must be RUNNABLE.

- 3) NOGUARD will prompt you to insert your write-protected original in drive A and press enter. Do so.
- 4) NOGUARD will then prompt you to insert your COPY II PC made backup in either drive A or B depending on the command you typed in for Step 2. DON'T. Instead, insert the blank formatted disk as your target and press enter.
- 5) When the NOGUARD process is complete, using your DOS copy command, copy all the files from your ORIGINAL disk (except the prognam.com file) onto that same disk you used in Step 4.
- 6) That's it!

To Transfer It to Your Hard Disk,

- 1) Make the program the current subdirectory. For instance, if the program were Lotus 1-2-3, you would type at the C> CD \123 and press enter.
- 2) With COPY II PC in the A drive, type at the C>A:NOGUARD A:prognam C: and press enter.
- 3) Then, using the DOS copy command, copy all the files (except the prognam.com file) onto your hard disk.

DRIVE SPEED TEST

Your drive speeds should ideally be running about 200. Always copy from the drive with the smaller # (faster) to the drive with the larger # (slower). To establish your drive speeds, simply insert COPY II PC in your A drive and

To find out the speed of your A drive, type at the A> copyiipc a:/t and press enter twice.

To find out the speed of your B drive, insert any disk in drive B and type at the A> copyiipc b:/t and press enter twice.

BULKERASE DISKETTES

This utility is provided simply as a convenience. (COPY II PC does not require that target diskettes be bulk erased—or even formatted.)

To bring up the documentation on this utility, type at the A> type bulkeras.doc and press enter.

Other Wonderful Products:

You have just purchased COPY II PC, a member of the world's most popular family of disk backup products. COPY II PC is the only disk utility that combines both a powerful floppy backup program and the ability to run the most popular business software from your hard disk without inserting the original diskette.

- COPY II PC will probably meet all your disk backup needs. But to do our best to make sure you aren't left without a backup, we have created the COPY II PC **OPTION BOARD**, a hardware product that allows your computer to duplicate an even wider range of protected software.

The OPTION BOARD completely bypasses the standard disk circuitry of the PC, replacing it with the same type of disk duplication technology used by many software duplication firms (who put the copy protection on software in the first place!). There is virtually no protection scheme the option board cannot handle (the only limitation being software protected by physically altering the diskette). The OPTION BOARD is priced at just \$95.00!

The OPTION BOARD works on an IBM PC, XT, AT, COMPAQ Portable and Deskpro, Zenith 150, 151, 158, 256K Tandy 1000. Requires 1 full size slot and at least 1 360K drive. An extra \$15 cable is required for the Compaq Portable and Tandy 1000.

The OPTION BOARD is priced at \$95 plus \$3 s/h (\$15 outside the US). COMPAQ Portable and Tandy 1000 owners please add \$15 for extra cable.

- Put together all the most popular features of the Norton Utilities with a powerful DOS interface. Then make them all resident like Sidekick and you've got **PC TOOLS!!** With PC TOOLS you can execute nearly any DOS command within any other running program. For example,

UNDELETE an accidentally erased file *while using your word processor!*

FORMAT a data disk *without leaving your spreadsheet!*

COPY files from one subdirectory to another *within your communications program!*

LOOK at another file (and even edit it) *from your graphics package!*



SEARCH for any file name or text within a file *without leaving your data base!*

PRINT a file (as text or hex and ASCII) *at any time!*

PC TOOLS works with virtually all IBM compatibles and requires 192K of memory (256K or more is recommended to use the resident feature).

PC TOOLS costs just \$39.95!

- Interested in purchasing the **NOKEY/NOGUARD** files in quantity? Excellent corporate pricing available on purchases of 25+. Call Linda for details!
- **We also have backup utilities for the Macintosh, Apple // and Commodore 64.** Each just \$39.95!

To Order By Phone: Just call with your   in hand to get your order ASAP! We'll look forward to your call! **(503) 244-5782**, 8-5:30 M-F.

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NOTES