
MULTIPLE COPY UTILITY
by Kim Watt

DOCUMENTATION

Enclosed you will find your multiple disk copy program. It is on a self loading diskette, boot it in drive 0. Once the program is loaded, you may remove the disk from the drive, it is no longer needed. You will then be led through a series of questions about the copy procedure. Each of the entries will also list the default value if you press ENTER only.

The first question is the step speed that your drives are capable of. Use the time that your slowest drive is capable of. Use 3 if you are not sure what speed your drive will go. Next, you are asked if the disk is to be standard or protected. With this program you are able to add a limited amount of copy protection to your diskette as explained further. The standard copy will probably be used in most cases. If you select protection, you will be prompted for a few more questions. Then you are asked for the number of copies you wish to make. If you have to make a batch, the program will keep track of successful copies for you. Now you may enter the track count of your source disk. All tracks will be copied. You may then specify if you would like the destination disks verified. If yes, then a byte by byte compare will be performed on the data. This will produce very reliable copies for your customers.

Now you must specify the source drive. It may be any from 0-3. Then you are asked for the destination drives. You may specify any number of drives to be included. The source and destination cannot be the same. A minimum of 2 drives are required. When finished with the drive questions, you will be prompted to mount all disks and press ENTER. At this time the copy will proceed. If any errors occur during the copy procedure, error messages will be displayed. When all tracks have been copied messages pertaining to the condition of each copy are displayed. Only the successful copies will be counted. All the parameters that you specified in the initialization part of the program are displayed at the top of the screen for easy viewing.

If you chose to make your copies protected, you will be asked several questions about it. The protection offered is that you may rename one sector on track 0 to any other sector. Admittedly, this is VERY limited, and there are several protected disk copy programs that will duplicate the disk, but you must figure that at most about 5% of the TRS users will have a copy of one of those programs. This will prevent users of TRSDOS to copy the disk with the BACKUP command, and also the full disk COPY command in NEWDOS. As an example, the BOOT/SYS file on a DOS type disk will be allocated 5 sectors, but will only use 1 of them. Rename sector 4 to sector 99, for example. This should not affect a normal DOS disk operation.

First, enter the original sector you wish to rename. Then enter the number you wish to rename it to. When using this option, your SOURCE disk should be in standard format with regular sectors. Then you are asked if you wish to place a serial number on the disk. If so, it will be placed in the renamed sector, bytes F0H to your length of input. Then you may optionally specify if the string is to be incremented. If yes, then the number will be incremented from the last digit entered. If not, the string may be used as a message in all copies of the program. If you type in:

XYZ GROUP SER. # 010334

for the serial number, then the next number would be 010335. The number is incremented in the decimal number system. After these questions, you will proceed to the question "How many copies?" as mentioned above.

This program came about by the need for dealers to make mass quantities of disk copies to distribute to their customers. The highest quality is strived for with this program. Another factor is the ease of operator use with minimum training, and the minimal user intervention required during the copy process. All these factors make MULTI-COPY the right program for most duplicating needs. MULTI-COPY will also automatically put sector skewing on your destination diskettes for maximum read times.

Anyone with comments or suggestions, please send them to the above address. If you would like any changes made to the program, please contact me directly for custom work. I feel that you will like the ease of use of the program, and will be satisfied in knowing that your duplicating is being done reliably.

QUALITY SOFTWARE DISTRIBUTORS



Breeze/QSD, Inc.
11500 Stemmons Exp., Suite 125
Dallas, Texas 75229

Dealer, Breeze/QSD presents the following products to assist you in all your diskette duplicating and distribution needs.

***** Multi-Copy I / \$150

A program that meets the most rigorous specs when it comes to disk duplicating. Minimum system requirements are a Mod I, 32K, 2 disk drives. If you have 4 drives, you can make up to 3 copies at a time per single source read. Optional byte for byte verify option assures high quality reproduction. Automatic sector skewing is employed for quick read/write time. Keeps track of good/bad disk counts. Step rate is selectable. Single density only. Copies from 1-96 tracks. Constantly updated screen displays notify the operator of status of the above at all times.

Unique to this program is the ability to optionally add a limited amount of protection to your diskette. You can rename any sector on track 0 to another of your choice. Messages and serial numbers may be written to the disk and automatically incremented.

***** Multi-Copy III / \$150

This program has all the power of Multi-Copy I with the exception of the absence of the protection/serial numbering. This program, however, has the ability to duplicate your disks in either single or double density. If double density is selected, you may specify if the sector numbering is from 0-17 or 1-18. This will allow you to duplicate all Mod III DOS formats available at this time.

***** File Transfer I / \$250

If you are a distributor of software, you probably have always been plagued with how to distribute your programs. If you put them on a plain formatted disk, then single drive users of TRSDOS cannot access the files. If you put an operating system on the disk, you are taking a chance of infringing on copyright laws, and licensing fees are usually very high. File Transfer I takes care of all of the above. It is a plain formatted auto-boot disk, with a small program and a directory. You simply copy the files you wish to distribute onto this disk, duplicate and go. The user can have the files copied automatically to any destination drive, or insert the disk in drive 1 (if available) and get a directory of it. The above cost is the complete licensing fee, no royalties are charged!

If you are selling Mod III programs, the user will be able to use the CONVERT utility supplied on Mod III TRSDOS, but 2 drives will be required. The next 2 programs are solutions.

***** File Transfer III / \$250

Similar to the above, but operation is on the Mod III. The files will be copied to Mod III TRSDOS formatted diskettes for compatibility. Only a single drive is needed for the operation, or as in the above, it can be placed on drive 1 and the directory command executed. If you have both Mod I and III programs, the next program is the answer.



Breeze/QSD, Inc.

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Dallas, Texas 75229

***** I/III File Transfer Utility / \$500

The ultimate solution to disk distribution needs. Performs the operations of the above 3 programs. The diskette can be booted in EITHER a Mod I OR III. Two sets of directories are maintained on the diskette, so if you have I and III versions of a program, they can be delivered to the correct machine automatically. Over 100K available for data on the diskette, 50K Mod I, 50K Mod III. It can also be placed in drive 1 IN EITHER MACHINE with complete readability by the respective TRSDOS.

This product also comes with a Multi-Copy like program to make all your duplicating effortless. The resulting diskette is very non-standard, as the disk is mixed single and double density, and track 0 is BOTH single AND double density. It will be very difficult for the end user to duplicate the disk, while providing easy access to all your files.

***** Packages

File Transfer I&III / \$450

Multi-Copy I&III / \$250

File Transfer I, Multi-Copy I / \$350

File Transfer III, Multi-Copy III / \$350

File Transfer I&III, Multi-Copy I&III / \$600

All the above plus I/III File Transfer / \$1000

***** Custom Modifications

Modifications to the above programs are available to you by the original author, Kim Watt. If you have special applications, such as a single machine language program that will run on both the Mod I and III, and you would like it to boot into either machine, let us know. You never know just what can be done until you talk to us. Breeze/QSD, the leader for in-house duplicating utilities, just may be able to help.

***** Ordering Information

Prepaid orders may be addressed to:

Breeze/QSD, Inc.

11500 Stemmons Fwy

Suite 125

Dallas, Texas 75229

Visa, Mastercard, and COD orders can call:

(214) 484-9428

(214) 484-2976