HARD DISK SETUP for MODEL 4 80/64

For head offset partitioning this ridig drive into two volumes, the product of Sectors/Gran and Grans/Cyl is 64. Because the maximum number of granules per cylinder is eight, you cannot have the configuration set to 4 Sectors/Gran and 16 Grans/Cyl. However, you can have a configuration of 16 Sectors/Gran and 4 Grans/Cyl, or 32 Sectors/Gran and 2 Grans/Cyl. For head offset partitioning this ridig drive into four volumes, the product of Sectors/Gran and Grans/Cyl is 32. Because the maximum number of granules per cylinder is eight, you cannot have the configuration set to 2 Sectors/Gran and 16 Grans/Cyl. However, you can have a configuration of 16 Sectors/Gran and 2 Grans/Cyl, or 32 Sectors/Gran and 1 Grans/Cyl.

SYSGEN

Key SYSGEN<ENTER>. When you receive the first prompt:

Which drive contains the source SYSTEM disk (0-7)? .

press the "*" key. This puts SYSGEN into its configuration mode. The next promt will be:

Which drive for the Drive Control Table setup (0-7)? .

Enter the LOGICAL, not physical, drive the rigid disk will be addressed as. Typically, if you have four floppies use 4, if you only have two floppies use 2. You may use any number between 1 and 7. If you pressed the wrong key, press <*> again.

You will now receive the configuration menu. Disregard the Physical drive at this time. Now setup the configuration as determined by the partitioning you desire. Use the up and down arrows keys to select the item to modify, and the right and left arrow keys to change the parameters. The easiest way to setup is set the Media to RIGID then immediately modify the Number of Cylinders. After the Number of cylinders is set, you can now set the directory cylinder to a number greater than one but less than the number of cylinders. Press <ENTER> after you have the desired configuration set.

If the parameters were acceptable, enter ZERO as the PHYSICAL drive for the rigid disk. Press <ENTER> to the query

Do you want the DCT locked (N/Y)? .

Press <BREAK> to the query

Which drive for the Drive Control Table setup (0-7)? .

You have now set the configuration of the rigid drive. Although the logical drive is not zero. SYSGEN will modify the DCT for the rigid disk to set the logical drive to zero.

HARD DISK SETUP for MODEL 4 80/64

Execute the file T4INIT/CMD by keying

         T4INIT/CMD :d<ENTER>

where d is the LOGICAL drive previously entered.

Again key in SYSGEN<ENTER>. When you receive the first prompt, enter the LOGICAL drive a COMPLETE MULTIDOS SYSTEM diskette is mounted in. (This does not necessarily have to be logical drive zero).

For the destination, enter the LOGICAL drive previously entered for the configuration setup. When you receive the configuration menu this time the Physical drive = 0 should be displayed. Review the data, if correct, press <ENTER>. If the data is not correct, correct the data, then press <ENTER>.

Enter PHYSICAL drive ZERO [again], and press <ENTER> when you receive the DCT lock query. When the prompt

         Press <ENTER> when the destination disk is in drive d

Press <ENTER> if the data was correct, or press <BREAK> if you had to correct the DCT configuration. If the DCT data had to be corrected, you will have to execute the file T4INIT/CMD again, then SYSGEN again.

SYSGEN will copy all /SYS, /EXT, /DOL, and /BOL file to the rigid drive.

Use VFU/CMD to copy the balance of the MULTIDOS files.

VFU<ENTER>

Choice C
Condition (A/C/D/E/O/S)? C
Press "S" for selective, or "T" for total T   {"S" is ok here also}
Include "INVISIBLE" files? Y
Include "SYSTEM" files? N
Source drive? 0 Destination Drive d   {the LOGICAL for the rigid disk}

FLOPPY

The modified version of the file T4FBOOT/CIM must be available on a mounted disk. Place a formatted data, NOT A SYSTEM, diskette into one of your floppy drives, then execute the command:

         FLOPPY :d<ENTER>

         d = the logical drive the data diskette is mounted in.

You will be prompted to enter the xxFBOOT/CIM file. Key in T4FBOOT/CIM then press <ENTER>. This command places a modified bootstrap sector onto cylinder zero sector one of the floppy data diskette. You can use this data diskette in floppy drive zero to boot the MULTIDOS rigid system.

Throughout this manual references are made to trademarked products. The (tm) symbol is used once here to serve throughout the manual.

DBLDOS (tm)	Percom Data Co.
DOSPLUS (tm)	Micro Systems Software.
LDOS (tm)	Logical Systems Inc.
NEWDOS (tm)	Apparat, Inc.
TRS-80 (tm)	Radio Shack, a division of Tandy Corp.
TRSDOS (tm)	Radio Shack, a division of Tandy Corp.
Z80 (tm)	Zilog, Inc.

MULTIDOS

SUPERBASIC

Reference MANUAL

Cosmopolitan Electronics Corporation