

# SCSI4PFM

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S&T Software BBS: 414-464-1978, 9600bps @8N1

## Purpose:

SCSI4PFM was written to allow persons to boot the SCSI MDOS from their PFM or PFM+ devices. Since the SCSI MDOS is 128K in length it does not fit in the 120K space of the PFM... until now.

## How it's done:

When the problem of loading the 128K MDOS was first announced, compressing MDOS was discussed. This never materialized. I decided to try splitting the MDOS to fit into the PFM (since I have one installed on my Geneve) so I could boot SCSI without using a RAMdisk. SCISISPLIT (the program you received) does just that.

When you run SCISISPLIT, it loads in your version of SCSI MDOS. It then creates two files: SCSI120K, which is renamed to SYSTEM/SYS and loaded into PFM; and SCSI4PFM, an executable which is placed in the batch file. Now you can enjoy the best of both worlds!

## Instructions:

Your MDOS file is named SYSTEM/SYS. When you run SCISISPLIT, it will create two files (SCSI120K and SCSI4PFM) on your CURRENT directory. Make sure you have 600 sectors free!! To split MDOS, type the following command:

*SCISISPLIT [drive:]SYSTEM"/"SYS (quotes required)*

For example:

*A:> SCISISPLIT E:SYSTEM"/"SYS <enter>*

will run SCISISPLIT from A: (since it is your current drive) and will load SYSTEM/SYS from drive E:. E: can, of course, be a hard drive or a RAMdisk! Since your current drive is A:, both SCSI120K and SCSI4PFM will be created on A:!!!

This may be inconvenient for some of you, so you can try this a different way. Again, assume SYSTEM/SYS is on E: (your hard drive or ramdisk). We want the two files to be created on E:, right? Ok. First, change drive letters to E: (your hard drive/ramdisk) like so:

*E: <enter>*

Now your drive is E:. Assuming you have the SCSI4PFM disk in drive A:,

*E:> A:SCSISPLIT <space> SYSTEM"/"SYS <enter>*

will load SCSISPLIT from drive A:, and load SYSTEM/SYS from E:. Then, it will create the two files (SCSI120K and SCSI4PFM) on E:.

### **Putting your MDOS on the PFM:**

Before you can load the MDOS onto your PFM, you must rename SCSI120K to SYSTEM/SYS. To do this you -may- have to delete your current (128K) SYSTEM/SYS file from the drive. I suggest making certain you make a backup first! To rename the file, make sure you are on the correct drive and type:

*RENAME <space> SCSI120K <space> SYSTEM/SYS <enter>*

Now, BEFORE you go and load this MDOS into the PFM, load up a word processor. We want to edit your AUTOEXEC batch file. The file "SCSI4PFM" is a program which MUST be loaded before any SCSI devices are accessed. You may place it on your PFM+, a RAMdisk, or other device, but is imperative you load it before using the SCSI devices!

In your batch file, add the program name "SCSI4PFM" to the AUTOEXEC. As long as it is run before using a SCSI device, you'll have no troubles. Please note that if you use TIMODE, you MUST have TIMODE as the first command.

Save this batch file - you may now load SYSTEM/SYS into the PFM! Have fun!

**\*\* End of SCSI4PFM Documentation**