

This document is written with New York 12 point font.

April 22, 1988

This is shareware. Please feel free to pass it around, but keep the **Doc's** and the **SCSI Accelerator** file together.

SCSI Accelerator Version 1.0

SCSI Accelerator is an INIT file that applies a patch to the SCSI Dispatch call within the Macintosh system software. This patch will increase the data transfer rate between the Mac and any SCSI hard disk (except drives that are already high performance, such as SuperMac's XP series drives).

To use this patch simply put it into the System Folder on your hard disk and reboot. It does not change the system on the disk but puts the patch in memory each time that you start up your system. Version 1.0 of this patch file is designed to work with System version 4.2 only. It will make a check to see if it can properly apply the patch and if it can't it will beep once and then remove itself completely from memory. I have only used this on a Mac Plus at this time. I don't know if it will help you with an SE or Mac II so be CAREFUL.

To realize the full potential of this patch you must reformat your hard disk with a different interleave setting. Most hard disks for the Mac have an interleave of 3:1(3 to 1). I have found that if the drive that you are using utilizes RLL encoding, an interleave of 2:1 seems to provide the best results. If your drive uses MFM encoding you may want to try 1:1 as the interleave setting. You may have to try different interleaves to get the optimum set up for your drive system. Drives that have either the OMTI 3127 or the Adaptec 4070A controllers are RLL encoded drives while the OMTI 3100 is MFM. There are other styles and brands of controller boards as well as these but they all work much the same and it should not affect the use of this patch.

Here's the part where I say that I am not responsible for any problems that may, however unlikely, be caused by the use of this patch file. Please remember to make a complete backup of your hard disk before you try **ANY** software that you get from a BBS or anywhere else for that matter.

I have used Disktimer II to determine the difference in performance as that seems to be what everyone is using these days. The results that I had previous to adding the patch, with an interleave of 3:1, are:

Read time: 102

Write time: 192

After applying the patch by putting the file into my system folder and rebooting (still with interleave 3:1):

Read time: 97

Write time: 98

This time I reformatted the drive with an interleave of 2:1:

Read time: 65

Write time: 66

My drive is a 30 Meg unit consisting of a Microscience drive and an OMTI 3127 controller.

I would be glad to answer any questions that may arise if I can. You can reach me at the following address:

David Denowh

2404 26th Street

Rockford, Ill 61108

or by phone during the day (most of the time) or in the evenings at: (815)-229-5023. I live in the central time zone. Please don't call after 9:00 p.m.

If you use this file successfully I would like to know which drive that you are using. I also would not turn down any \$10.00 bills that may float my way in the process. I promise that they will go directly into my Mac II slush fund and not to anything foolish like food or phone bills or the like. If you can't spare any greenbacks I still want to know if it works for you. I really do just want to help you get the most out of your system if I can.

If you are using a system other than System 4.2/Finder 6.0 (Otherwise known as "System 5.0") I would be glad to make up a version of SCSI Accelerator for you. Just send me a diskette with the system file that you want SCSI Accelerator to work on and I will fix you up if at all possible.