

DatOptic Dual Internal FireWire Kit Manual

Congratulations on purchasing a DatOptic Internal FireWire Kit. This internal kit will drastically lower your CPU usage by converting the ATA/ATAPI device to FireWire IEEE1394. Similar to SCSI, the FireWire IEEE1394 has its own Bus so there is very minimal CPU usage. You will notice that your computer will operate more efficiently when the device is used as a FireWire drive instead of an ATA/ATAPI drive.

Please follow the step by step instructions for quick installation of the DatOptic FireWire Kit.

Inspect the package and make sure you have the following parts:



DUAL FIREWIRE INTERNAL KIT



SLAVE IDE RIBBON CABLE



POWER CABLE



**FIREWIRE CABLE
OPTIONAL**



**PCI HOST ADAPTER
OPTIONAL**

Installing the DatOptic 1394 PCI host adapter

- 1) Turn off your computer, pull out the power cable and open up your computer.
- 2) Look for an available PCI slot and install the 1394 PCI host adapter into the available slot.
- 3) Leave your computer open, plug in the power cable and turn on your computer. Windows will boot up and detect the 1394 PCI FireWire adapter. If you are using Windows98SE, you will need to download the Windows 98SE FireWire patch. Windows ME/2000/XP may ask for your setup disk. After Windows has detected the 1394 PCI FireWire adapter, power down your computer and unplug the power cord. (Windows XP users must make sure that your Windows XP version supports FireWire .)

Installing the DatOptic Dual FireWire Kit

- 1) Connect the DatOptic Dual FireWire Internal Kit into the first IDE device and set the jumper to **MASTER**.
- 2) Connect the IDE cable into the second IDE device and set the jumper to **SLAVE**.
- 3) Connect the 12 volt power cable that is connected into the Dual FireWire Kit into the first IDE device.
- 4) Connect 2 spare 12 volt power cables from your power supply into the 12 volt power connector on the first drive and another 12 volt power cable to your second drive.
- 5) Connect the FireWire cable to any of the 2 ports from the DatOptic FireWire Kit and the other end of the FireWire cable to your 1394 host adapter.
- 8) Plug in your computer power cable and power on your computer.
- 9) As soon as Windows has finished loading, go into your "Device Manager", double-click "**DVD/CD-ROM drives**" (if installing to CDROM/DVDROM), you will see 2 additional lines. The first line will read "**DatOptic FireWire Device**" and the second line will read "**UNKNOWN VENDOR AND MODEL IEEE 1394 SBP2 DEVICE**".

If you are installing the Dual FireWire Kit onto 2 hard drives, you will see this in your Device Manager under "Disk drives".
- 10) Close up your computer case.