

FIREWIRE USAGE

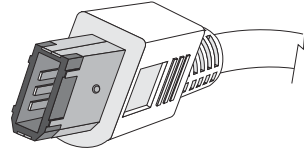
FireWire is a high-speed technology for connecting peripheral devices (hard drives, video cameras, CD burners, iPods, etc.) to a computer or to each other. FireWire ports are found on all current Macintosh computers and certain PC computers, often under different names such as i.Link or IEEE 1394.



FireWire devices use either 6-pin or 4-pin FireWire devices. Both cables are available in Academic Computing labs.

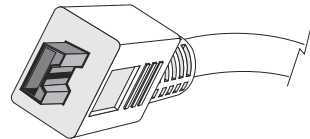
SIX-PIN FIREWIRE

Six-pin FireWire is primarily used with hard drives, and can provide both data and power to certain FireWire drives.



FOUR-PIN FIREWIRE

Four-pin FireWire is primarily used with digital video cameras. These devices must use a separate power source in order to operate with a four-pin FireWire connection.



FIREWIRE STORAGE

Portable, bus-powered FireWire drives receive both data and power over a single six-pin FireWire cable and do not require a separate power adaptor.



A six-pin, bus-powered FireWire drive *is suitable* for use in Academic Computing labs with FireWire connections.

FireWire drives which require a separate power adaptor *are not suitable* for usage in Academic Computing labs. There is not sufficient outlet plug-in space available in the labs for powering external devices due to the older electrical standards in place when these buildings were constructed.

FIREWIRE STORAGE USAGE

FireWire devices are "hot-pluggable" – there is no need to shut down or restart when adding or removing a FireWire device from your computer. However, *caution must be taken when unplugging FireWire devices*. The FireWire drive must be dismantled from the computer before unplugging the drive. *Failure to properly dismount the FireWire drive before unplugging it can result in data loss!*

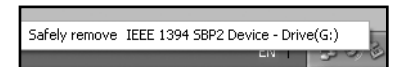
WINDOWS

1. Connect the six-pin FireWire cable to the six-pin port on the bus-powered FireWire drive.
2. The hard drive will spin up and will be available under **My Computer**. Once the drive is visible, you can use it in the same way you use your computer's internal hard drive or a Zip disk.

3. To safely dismount the FireWire drive, click on the **Safely Remove Hardware** icon on the Taskbar.



Click **Safely Remove...** when the pop-up message appears.



Once the **Safe to Remove Hardware** balloon pops up, you may unplug your drive.



MACINTOSH

1. Connect the six-pin FireWire cable to the six-pin port on the bus-powered FireWire drive.
2. The hard drive will spin up and mount on the desktop. Once the drive is visible, you can use it in the same way you use your computer's internal hard drive or a Zip disk.



FireWire drive on Mac desktop

3. To safely dismount the FireWire drive, either drag it to the Trash, or select the drive and choose **Eject** from the File menu.