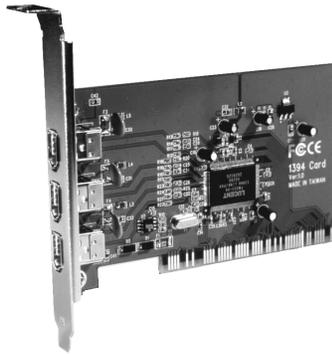Dynex 3-Port FireWire/IEEE 1394 PCI Card
DX-FC103

FireWire

IEEE1394 PCI HOST ADAPTER
User's Manual

■Introduction

The 1394 card has three high-speed FireWire ports; it provides a convenient solution to connect more FireWire peripheral devices to your computer, such as high-speed mass storage, digital cameras, Scanners and more popular Digital camcorders. You'll be able to edit and create digital movie masterpieces right on your Windows or Macintosh computer.

■Key Features

- Compliant to IEEE 1394-1995 and P1394a standards.
- Provides Bus master function with OHCI interface specification.
- Compliant Latest PCI 2.2 data bus specification.
- Supports real plug and play & hot-swappable function.
- Supports 100, 200 and 400 Mbps. data transfer rates.
- Provides three 6-pins FireWire ports.
- Maximum 4.5 Meters cable length.
- Add three FireWire ports to desktop PC.
- Provides over current protection and recovery.
- Supports Windows 98 SE, Windows 2000,Windows ME & Mac OS.9.0.

■Package Contents

- The 1394 FireWire Host Card
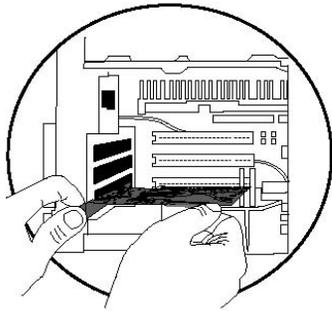- User's manual

■System Requirements

- Pentium 233 or faster processor with a free PCI slot.
- 32MB RAM.
- Windows 98 SE. CD-ROM.

■Hardware Installation

- ●Touch the exposed metal casing on your computer's power supply before you remove the card from its anti-static package. This safely discharges any static electricity that may have built up on your body.
- ●Handle the card by the PCB edge only. Avoid touching the gold-plated PCI connector or the electronic components.
1. Turn your computer off and disconnect the power cord before installing the card.
2. Remove the cover of your computer. (Refer to your computer owners manual for instructions on removing the cover)
3. Insert the card downward into a free PCI expansion slot and seat it firmly into the slot.
4. After the card is installed, please ensure the gold-plated connector is seated evenly in the PCI slot.
5. Replace the screw in the bracket to avoid the card falling out accidentally when plugging in the FireWire cable.
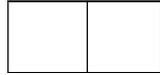6. Replace computer's cover and apply power cord again.

2 ▸▸

■Starting the card with Windows 98 Second Edition

After your computer boots up, the Windows 98 Second Edition Operating System will automatically prompt you to add a new hardware of IEEE 1394 host controller. You can follow the **"Add New Hardware Wizard "** step by step to complete the installation procedure.

- ●**Installing the 1394 FireWire driver**
1. The Add New Hardware Wizard dialog box appears and asks for searching new driver for **"PCI OHCI Compliant IEEE 1394 Host Controller"**. Click Next.

3 ▸▸

2. Check the **"Search for the best driver for your device"** button and click Next.

3. Dialog box will search for new drivers from its driver database on your hard drive. Cancel all other options in the list then Click Next.

4. Dialog box shows that it's ready to install the best driver for the device. Click Next. Then the files should automatically load from the Windows driver database in several seconds.
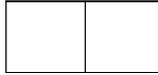
4 ▸▸

Note: If the add new hardware wizard shows that a certain required driver files couldn't be found, it will prompt to insert Windows 98 Second Edition CD-ROM into your computer to load a new driver.

5. Click Finish button to complete the driver installation. You must then restart your computer to load the driver properly.

5 ▸▸

■ Verify if the drivers are properly installed

1. To verify that FireWire driver has installed correctly. You should see an entry titled **"1394 Bus Controller".** Clicking on the "+" sign next to this entry should reveal a sub-entry reading **" PCI OHCI Compliant IEEE 1394 Host Controller"**.

2. If the Device Manager entries do not appear as stated above, your 1394 card is not correctly installed, repeat the previous installation procedures in this guide.

3. Click on the "1394 Bus Controller" Sub-entry and verify if there are conflicts, it will be indicated by an entry a red "**X**" or a yellow "**!**". If a conflict is found, consult Windows Help System to solve the problem.

■ Install FireWire peripheral driver and application software

Once the 1394 card is properly installed, you should proceed to install the peripheral driver or other imperative application software. Follow the installation procedure that came with your peripheral user's manual for instructions.

■ Troubleshooting

● **The Device manager does not show the 1394 Bus Controller:**

1. Check if 1394 card is properly installed in PCI slot.
2. Repeat the driver installation procedures, to see if device exists.
3. Check if your 1394 Bus controller is in normal working condition.
4. Otherwise, your Windows system may be an old version that does not support 1394 device. We recommend you to update the latest Operation System.

● **D8 & DV camera connecting problems:**

1. Check the System Properties dialog box to see if your DV camera is detected and installed. With the DV camera connected and powered on to the 1394 Host Card, powered on, the Device Manager should display "Microsoft DV camera and VCR" in the title "Imaging Device." If these entries are not present, your camera is not connected to the 1394 card properly. Check the cable connections to both, the camera and 1394 card. Please make sure your camera is turned on and working well.
2. Check if your Windows system is Windows 98 Second Edition or later.

● **Other 1394 Device connecting problems:**

1. Check System Properties if your device exists among the "Device Manager" dialog box.
2. Repeat the device driver installation procedures, and then check if the device driver is an older version. Please acquire an updated device driver from your dealer.