Appendix

Specifications

Function		Specification
Power Consumption		DC 9V; 15mW
Ports		6
Connectors		6 pin IEEE 1394 Std.
LEDs		1
Data Transfer Rate		100, 200, 400 Mbps (Asynchronous, Isochronous)
Cable	Type	6 pin - 6 pin IEEE1394
	Length	1.8 m (6')
Standards Support		IEEE 1394a;P1394A
Operating Temperature		5 ~ 40°C
Storage Temperature		-20 ~ 60°C
Humidity		0 ~ 80% RH, Noncondensing
Housing		Plastic
Weight		110g
Dimensions		92.2 x 91.4 x 33.3mm

Troubleshooting

Note: If you are experiencing problems, first make sure that there are no problems with the cables, and that they are all properly connected.

Symptom	Cause	Action
Unit Operates Erratically	Static electricity may cause the unit to operate erratically.	Reset the unit by unplugging the IEEE 1394 cable from the computer's IEEE 1394 port, and then reinserting it.

Radio & TV Interference

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

Limited Warranty

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK, OR ITS DOCUMENTATION EXCEED THE PRICE PAID FOR THE PRODUCT.

The direct vendor makes no warranty or representation, expressed, implied, or statutory with respect to the contents or use of this documentation, and especially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to revise or update the device or documentation without obligation to notify any individual or entity of such revisions, or update. For further inquiries, please contact your direct vendor.

IEEE-1394 HUB

User Manual

FH-600

Read this manual thoroughly and follow the installation and operation procedures carefully to prevent any damage to the unit, and/or any of the devices connected to it.

This package contains:

- 1 6 Port IEEE 1394 Hub
- 1 IEEE 1394 Cable
- 1 Power Adapter
- 1 User Manual

If anything is damaged or missing, contact your dealer.

Overview

In contrast to the traditional ISA bus, which does not offer the speed and connectivity required for today's mass storage and large data transfer needs, the IEEE 1394 interface is valued for its ease of use, high speed data throughput, and the ability to chain up to 63 interface compliant devices.

The FH-300 IEEE 1394 Hub provides three 1394a compliant ports that support data transfer rates of 100, 200, and 400 Mbps (megabits per second), and automatically switch to the highest speed that the peripheral supports.

IEEE 1394 peripherals connect up externally; simply by plugging in cables. Configuration is automatic - there is no need to specify memory addresses, IRQ assignments, device IDs, or to plug in terminators. IEEE 1394-compliant peripherals are *Hot Pluggable* (devices can be added and removed without having to shut the computer down).

The fastest growing use of IEEE 1394 is in the realm of digital video (DV) devices. The digital format provides precise audio and video capabilities that are more directly compatible with a computer than the older generation of analog video devices.

Another aspect of IEEE 1394 is that it provides the physical structure for hassle free, inexpensive, plug and play networking - perfect for the SOHO environment.
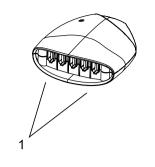
Features

- IEEE 1394, IEEE 1394a Compliant
- 100, 200, 400 Mbps Data Transfer Rate; Automatically Uses the Highest Speed the Peripheral Supports
- Supports Hot Plugging
- DC Input Terminal for Optional External Power Supply
- 6 IEEE 1394 Ports for More Convenient Adding and Removing of Devices
- 6 pin IEEE 1394 I/O Connectors
- Small Size for Convenient Placement

System Requirements

- Windows 98, 98 SE, or 2000; or
- MacOS 8.6 or higher
- An IEEE 1394 Port Installed on Your Computer
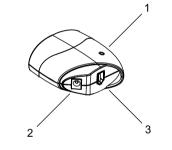
Front View

1. IEEE 1394 Ports

   Cables from your IEEE 1394 peripherals can plug into any available port.

Rear View

1. Status LED

   Lights to indicate that the Hub is receiving power and is ready to operate.

2. Power Jack

   If you choose to use the external power adapter (supplied with this package), its cable plugs in here.

   Note: Ordinarily, the hub gets its power from the computer via the IEEE 1394 cable. If a number of peripheral devices are connected, however, this may not be sufficient, in which case the external Power Adapter should be used.
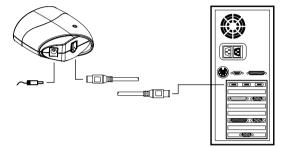
3. IEEE 1394 Port

   The IEEE 1394 cable (supplied with this package), that connects the Hub to the computer plugs in here.

Installation

Connecting the Hub to the Computer

With your computer booted up:

1. If you choose to use an (optional) external power adapter, plug the adapter into an AC source; plug the power adapater cable into the Hub's Power Jack.

2. Plug one end of the IEEE 1394 cable that came with this package into the hub, then plug the other end of the cable into your computer's IEEE 1394 port.

Connecting the Peripherals to the Hub

Simply plug the cable from the peripheral into any available port on the hub.

Note: On a Windows system, the first time you connect a peripheral to the system, the Windows New Hardware installation program comes up to install the proper hardware and software drivers for it. Follow the instructions in the User Manual that came with your peripheral to complete this process.