

Gefen

Firewire 800 Extender

EXT-FW-1398B

User Manual



www.gefen.com

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INTRODUCTION

Congratulations on your purchase of the Firewire 800 Extender. Your complete satisfaction is very important to us.

Gefen

Gefen delivers innovative, progressive computer and electronics add-on solutions that harness integration, extension, distribution and conversion technologies. Gefen's reliable, plug-and-play products supplement cross-platform computer systems, professional audio/video environments and HDTV systems of all sizes with hard-working solutions that are easy to implement and simple to operate.

The Gefen Firewire 800 Extender

This solution uses a sender and receiver system to instantly send your data from your source to your extended Firewire device. It boasts a remarkable transfer rate of up to 980 Mbps and easily bridges distances up to 1640 feet (500 meters). This gives you the freedom to operate your computer based equipment and video cameras as if they were connected locally with no signal degradation or time lag.

How It Works

Simply connect your computer to the Firewire Extender 800 sender unit with the supplied cable. Connect your extended device to the receiver unit - up to 1640 feet away. One 2-strand LC-LC fiber optic cable, available in several lengths from Gefen, connect sender (computer) to receiver (Firewire device).

OPERATION NOTES

READ THESE NOTES BEFORE INSTALLING OR OPERATING THE FIREWIRE 800 EXTENDER

- The fiber optics cable must be treated carefully when connectors are exposed. They are susceptible to dust which can contribute to loss of pixels.
- The Firewire 800 Extender is housed in a metal box for better RF shielding.

FEATURES

Features

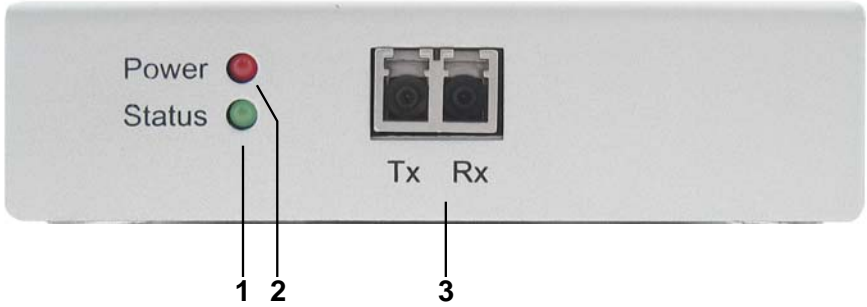
- Extends Firewire devices up to 1640 (500 meters) feet
- Transfer Rates of 100/200/400/800 Mbps
- Compliant with IEEE 1394.a & b
- Allows remote devices to operate in real-time, connected to the source
- Works with Apple and PC computers
- Uses fiber optics to ensure long distance performance

Package Includes

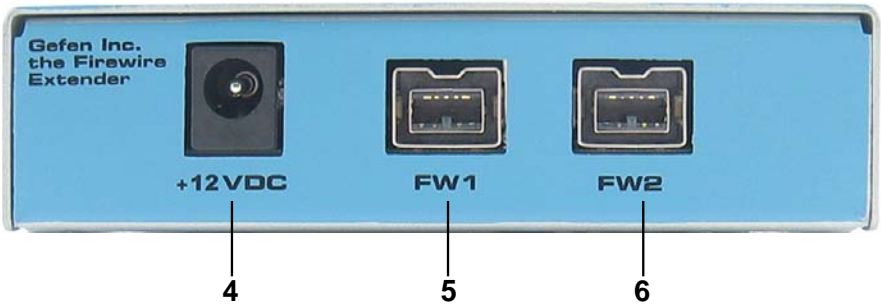
- (1) Firewire 800 Extender Sender
- (1) Firewire 800 Extender Receiver
- (2) 6 Foot Firewire 400 to 800 cable (M-M)
- (1) 6 Foot Firewire 800 to 800 cable (M-M)
- (1) 12V DC Power supply

SENDER/RECEIVER PANEL LAYOUT

Front Panel



Back Panel



PANEL DESCRIPTIONS

1 Status LED

This LED will become active once a stable link has been established between the sending and receiving units.

2 Power LED

This LED will become active once the included power adapter has been connected.

3 Fiber Optic TX and RX Inputs

Connect a LC terminated fiber optic cable for both the transmit (TX) and receive (Rx) signals between the Firewire 800 sending and receiving units.

4 12V DC Power Supply Input

Input for the supplied 12V DC power adapter.

5 Firewire Input 1

Connects to a Firewire hub, or Firewire device.

6 Firewire Input 2

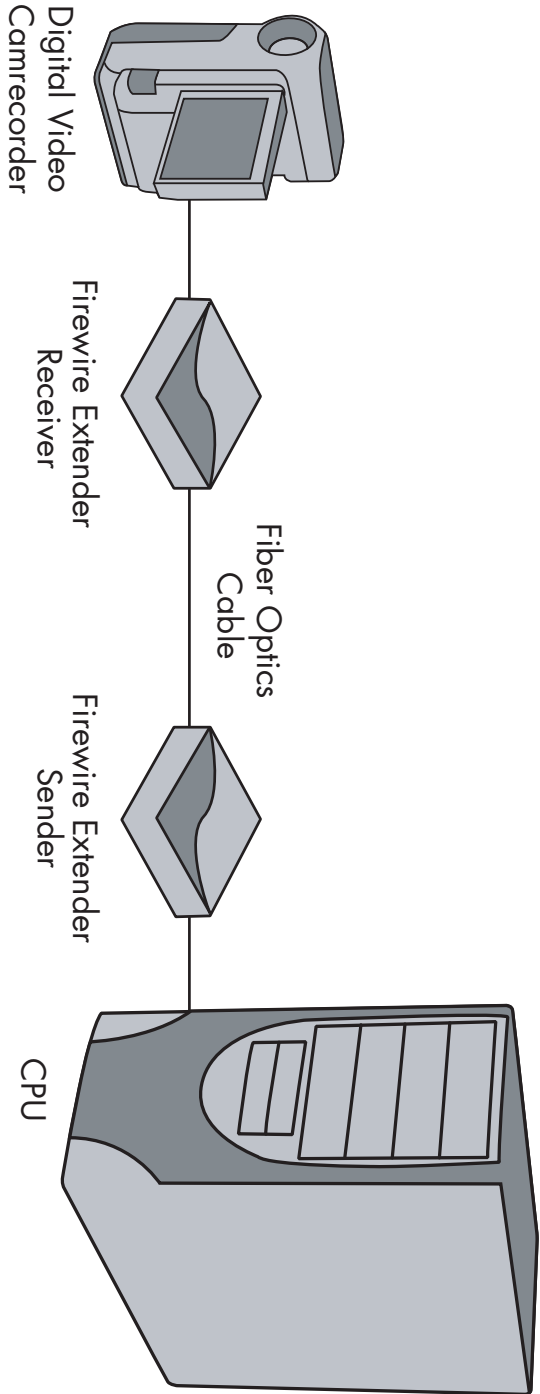
Connects to a Firewire hub, or Firewire device.

CONNECTING AND OPERATING THE FIREWIRE 800 EXTENDER

How to Connect the Firewire 800 Extender

1. Connect the supplied Firewire cable from the computers Firewire port into one of Firewire 800 Extender unit. (Either unit will work as a sender or a receiver.)
 2. Connect the fiber optics cable from one Firewire 800 Extender unit to the other Firewire 800 Extender unit.
 3. Connect your Firewire devices into the Firewire 800 Extender at the remote location (unit).
 4. Plug the 12 volt power supply into the Firewire 800 Extender unit at the remote location only.
 5. Restart your computer only after you've made all the connections.
- * Cable Requirement - 50 or 62.5 micron multi-mode fiber optics cable

WIRING DIAGRAM



SPECIFICATIONS

Input Connector Type	1394b
Output Connector Type	1394b
Power Consumption	6 Watts (max.)
Power Supply	12VDC
Dimensions	4"W x 1"H x 3.625"D
Shipping Weight	4 Lbs