Gefen

Firewire 800 Extender Plus

EXT-FW-1394BP

User Manual

www.gefen.com

ASKING FOR ASSISTANCE

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INTRODUCTION

Congratulations on your purchase of the Firewire 800 Extender Plus. 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 Plus

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. Receiving units have a second pair of fiber connectors to daisy chain multiple Receiving units for extreme distances.

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).

READ THESE NOTES BEFORE INSTALLING OR
OPERATING THE FIREWIRE 800 EXTENDER PLUS

- 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 Plus is housed in a metal box for better RF shielding.

- Only LC terminated multi-mode fiber optic cable can be used with the Firewire 800 Extender Plus system.

- Units can be cascaded up to 63 levels deep with a maximum distance between each of 1640 feet (500 meters).
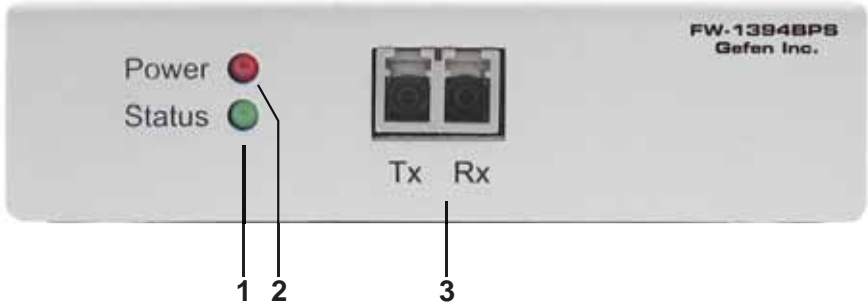
Features

- Extends Firewire devices up to 1640 (500 meters) feet

- Transfer Rates of 100/200/400/800 Mbps

- Compliant with IEEE 1394a and 1394b

- 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

- Daisy chain multiple receivers for extreme distances

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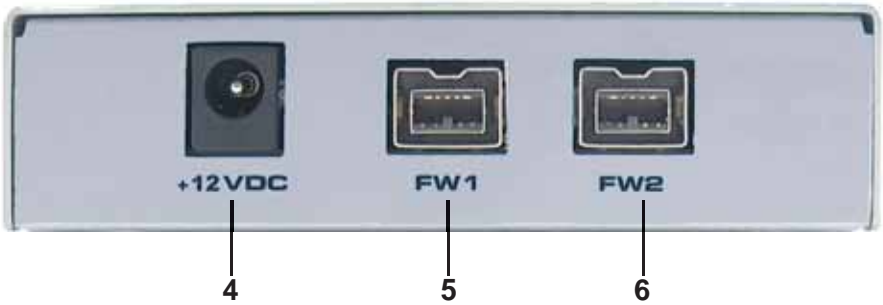
(1) Firewire 800 Extender Plus Sender
(1) Firewire 800 Extender Plus Receiver
(2) 6 Foot Firewire 400 to 800 cable (M-M)
(1) 6 Foot Firewire 800 to 800 cable (M-M)
(1) 12V DC Power supply

Front Panel

1 2   3

Back Panel

4   5   6

4

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***
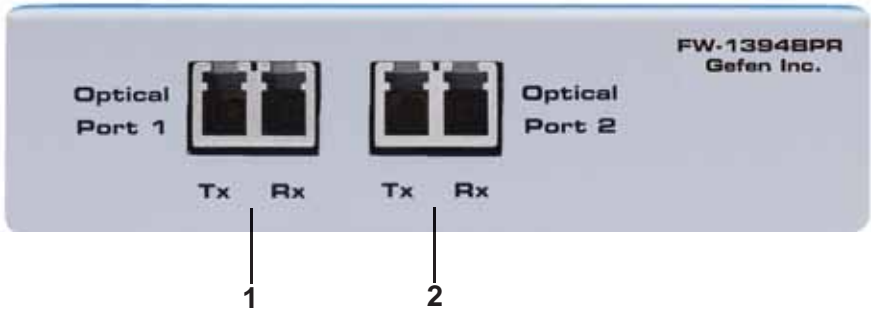Connects to a Firewire hub, or Firewire device.

6   ***Firewire Input 2***
Connects to a Firewire hub, or Firewire device.

Front Panel

Optical Port 1   Tx   Rx

Optical Port 2   Tx   Rx

FW-1394BPR
Gefen Inc.

1   2

Back Panel

12V DC   FW 1   FW 2

3   4   5 6

1   Fiber Optic TX and RX Ports 1
Connect a LC terminated fiber optic cable for both the transmit (TX) and receive (RX) signals between the Firewire 800 sending and receiving units. Optionally, this port can be used for extension to another Receiving unit to extend the signal.

2   Fiber Optic TX and RX Ports 2
Connect a LC terminated fiber optic cable for both the transmit (TX) and receive (RX) signals between the Firewire 800 sending and receiving units. Optionally, this port can be used for extension to another Receiving unit to extend the signal.

3   12V DC Power Supply Input
Input for the supplied 12V DC power adapter.

4   Firewire Input
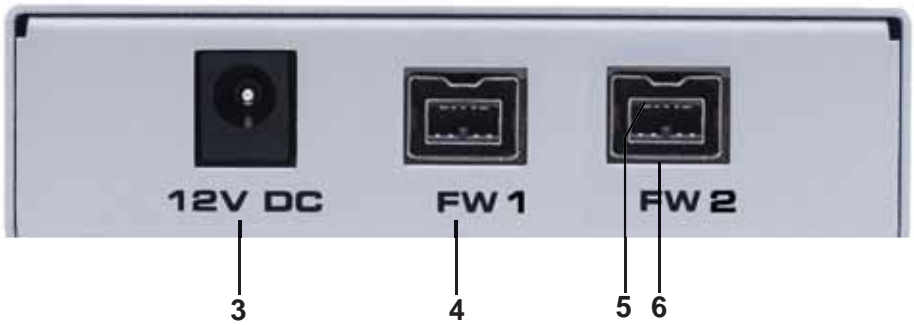Connects to a Firewire hub, or Firewire device.

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

6   Power LED
This LED will become active once the included power adapter has been connected.
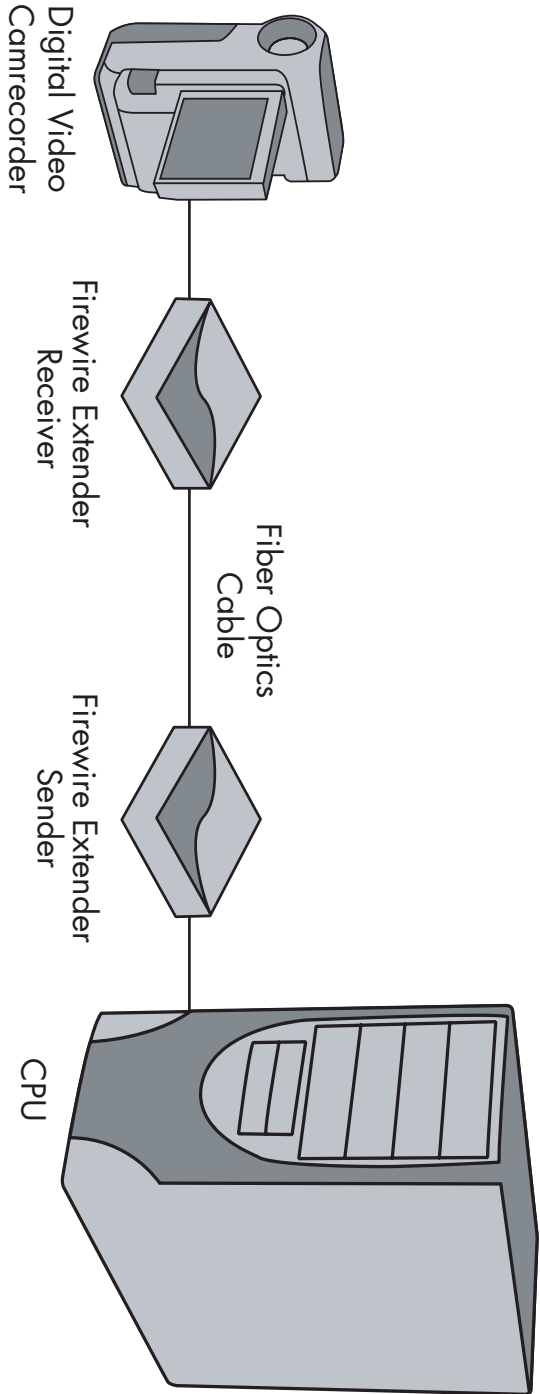
How to Connect the Firewire 800 Extender Plus

1. Connect the supplied Firewire cable from the computer's Firewire port into one of the firewire ports on the Firewire 800 Extender Plus Sending unit. The other port can be used for a local Firewire device.

2. Connect one pair of LC terminated fiber optic cables from the Firewire 800 Extender Plus Sender unit to the Optical Port 1 on the Firewire 800 Extender Plus Receiving unit.

NOTE: Additional Firewire 800 Extender Plus Receiving units can be chained to reach further distances. To do this, connect another pair of LC terminated fiber optic cables from the Optical Port 2 on the Firewire 800 Extender Plus Receiving unit to the Optical Port 1 on another Firewire 800 Extender Plus Receiving unit.

3. Connect your Firewire devices into the Firewire 800 Extender Plus Receiving unit at the remote location.

4. Plug the included 12 volt power supply into the Firewire 800 Extender Plus Receiving unit at the remote location.

5. Restart your computer only after you've made all the connections.

* Cable Requirement - 50 or 62.5 micron multi-mode fiber optics cable

Digital Video
Camrecorder

Firewire Extender
Receiver

Fiber Optics
Cable

Firewire Extender
Sender

CPU

SPECIFICATIONS

Input Connector Type 1394b

Output Connector Type 1394b

Power Consumption Each Side .... 36 Watts (max.)

Power Supply 12VDC

Dimensions .... 4"W x 1"H x 3.625"D

Shipping Weight .... 4 Lbs

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Rev X1

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