



IEEE 1394 FireWire® 4-Port Hub
with Open Host Controller Interface (OHCI)
User Manual

Guide d'utilisation du concentrateur FireWire®
à 4 ports IEEE 1394

avec interface OHCI (Open Host Controller Interface)

Manual del usuario del concentrador
FireWire® IEEE 1394 de cuatro puertos
con OHCI (Interfaz del controlador de anfitrión abierta)

Hub de 4 portas
padrão IEEE 1394
FireWire®

com Open Host Controller Interface (OHCI) –
Manual do Usuário



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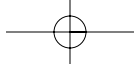
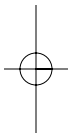
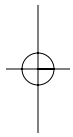


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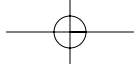
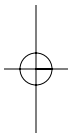
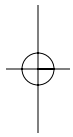
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Introduction

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Thank you for purchasing the IEEE 1394/FireWire 4-Port Hub with Open Host Controller Interface (OHCI) compliance! Please read this manual thoroughly prior to installing. This will prevent damage to the IEEE 1394/FireWire 4-Port Hub and/or connected devices, and enable their efficient functioning. The IEEE 1394/FireWire 4-Port Hub with OHCI compliance operates on all computer platforms, including Windows® 98 PC and Macintosh® OS 8.6 or higher.

The Belkin IEEE 1394/FireWire 4-Port Hub is a full-featured hub that provides the user with four peer-to-peer ports. It supports 400Mbps throughput from DV camcorder, storage devices, scanners, and printers. By late 2000, it will operate with television displays and audio/video devices as well.

The IEEE 1394/FireWire 4-Port Hub allows users to attach computer peripherals and OHCI compliant devices to computers or to each other. And, all devices are hot-swappable, meaning that the user does not have to shut down the program or computer to attach or remove devices on the FireWire chain.

The Belkin FireWire 4-Port Hub can be either Bus- or self-powered. The self-powered feature allows for daisy-chaining (connection) of additional devices or hubs. To extend the length of the FireWire Bus, just add more hubs. Connect up to 63 devices on the Bus. When connected with 6-pin connectors, devices can receive Bus power from the host or power supply.

The Belkin FireWire 4-Port Hub includes four LEDs and a 1.8m (6 ft.) FireWire Cable.

For detailed specifications please refer to the section entitled "Technical Specifications".

Features

- Supports Open Host Controller Interface (OHCI)
- Provides four 6-pin ports
- Operates in either Bus- or self-powered mode
- Offers 500mA per-port power and Power LED indicators
- Hot-swaps up to 63 devices
- Complements the Belkin FireWire PCI Host Adapter

Package Contents

- (1) IEEE 1394/FireWire 4-Port Hub F5U524
- (1) IEEE 1394/FireWire 6 to 6-pin/1.8m (6 ft.) Cable: F3N400-06
- (1) Universal Power Adapter

Technical Specifications

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Transport speeds supported:	100/200/400Mbps
LED:	One power indicator LED
Power Mode (Auto-detect):	Bus-powered or Self-powered
Operation Temperature:	41° F – 104° F (5° C – 40° C)
Stock Temperature:	-4° F – 219° F (-20° C – 60° C)
Humidity:	0% - 80% -RH non-condensing
Enclosure:	Plastic
Weight:	5.57oz. (158g)
Dimension (Lx W x H):	4.25" x 3.75" x 1.25" (108mm x 95mm x 32mm)
Power Supply:	DC 5V 3.6A Input: 100-240V AC Output: DC 12V – 1.25A (15W Max)

FireWire® Cable

There are two types of FireWire connectors:

- 6-pin connectors supply Data and Strobe, as well as Bus Power
- 4-pin connectors supply Data and Strobe to the Bus
- The quad-shielded cable (included) provides transport speeds of 100/200/400Mbps
- The supplied cable is 1.8m (6 ft.) in length

Power Mode Setting

The Belkin FireWire 4-Port Hub can operate either with or without the included AC/DC adapter. When used in Bus-powered mode without the AC/DC adapter, the hub will supply each device attached to it a maximum of +5V, 500mA DC power. This should be sufficient for most low-powered devices. In self-powered mode using the AC/DC adapter, the FireWire 4-Port Hub provides a maximum of DC +5V – 1.25A to each port, allowing connections with other hubs and extensions of the cable length by repeating or amplifying the signal to other devices on the FireWire or IEEE 1394 Bus.

Hardware Installation

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1. Attach the AC adapter to a 100-240V outlet and plug the adapter cord into the back of the hub.
2. The AC adapter is optional and, in most situations, recommended for use ONLY while you are installing the FireWire Hub. Once you determine that the devices are working properly, unplug the AC adapter.
3. As long as the devices continue to operate properly, you will not need the AC adapter. If they cease to function, however, you will need the AC adapter.
4. Connect a FireWire 6-pin connector if the device has a 6-pin connection, or
5. Connect a FireWire 4-pin connector if the device has a 4-pin connection and does not require Bus power.
6. Connect the Hub with a 6-pin connector, and then connect the Hub to the computer PCI Host Adapter with a 6-pin connection.

Note: A host adapter is required to operate the Belkin 4-Port Hub. IEEE 1394 drivers are loaded by the operating system when a PCI Host Adapter is installed or resident on the computer. For troubleshooting, please see your PCI host adapter or computer installation guide on IEEE 1394/FireWire/i.LINK interface adapters. Make sure that your host adapter is recognized and operating properly before starting your install of the Belkin IEEE 1394 4-Port Hub.

Information

FCC Statement

DECLARATION OF CONFORMITY WITH FCC RULES FOR ELECTROMAGNETIC COMPATIBILITY

We, Belkin Components, of 501 West Walnut Street, Compton CA 90220, declare under our sole responsibility that the product:

F5U524/F5U524c

to which this declaration relates:

Complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CE Declaration of Conformity

We, Belkin Components, declare under our sole responsibility that the F5U524/F5U524c, to which this declaration relates, is in conformity with Generic Emissions Standard EN50081-1 and with Generic Immunity Standard EN50082-1 1992.

ICES Statement

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Belkin Components Limited Lifetime Product Warranty

Belkin Components warrants this product against defects in materials and workmanship for its lifetime. If a defect is discovered, Belkin will, at its option, repair or replace the product at no charge provided it is returned during the warranty period, with transportation charges prepaid, to the authorized Belkin dealer from whom you purchased the product. Proof of purchase may be required.

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