

# **BELKIN**®

## Hi-Speed USB 2.0 7-Port Hub



Connect up to 7 Hi-Speed USB 2.0 or USB 1.1 devices

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**User Manual** 

F5U237vuk1





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#### Welcome to Belkin USB 2.0!

Congratulations and thank you for purchasing the Belkin Hi-Speed USB 2.0 7 Port hub (the Hub). The hub provides 7 downstream USB ports that are compatible with both USB 1.1 (Low Speed and Full Speed) devices, as well as with USB2.0 (Hi-Speed) devices.

This means that the Hub is "backward-compatible" with all of your current USB 1.1 devices as well as the new generation of "Hi-Speed" USB 2.0 devices. This may include such peripherals as scanners, printers, mass storage devices, and high resolution cameras. The Hub is self powered, which allows the cascading of devices with additional hubs, so that up to 127 USB devices to be connected to a single port.

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#### The Belkin Advantage

An exciting new feature unique to the Belkin 7 port hub are the two vertically mounted downstream USB ports that offer easy access for temporary connections such as USB thumb drives, media readers, and personal convenience accessories such as USB lights and fans. The Hub also provides 7 port status LEDs, and 1 master power LED.

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#### **Features**

- Compliant with Universal Serial Bus Specification 2.0 (data rate 1.5/12/480 Mbps)
- Backward-compatible with Universal Serial Bus Specification 1.1 (Data Rate 1.5/12 Mbps)
- Compatible with Windows 98SE, Me, 2000, and XP
- Approved by USB Implementers Forum (USB-IF)
- . Supports Plug and Play specifications
- Supports "hot swapping" of USB devices
- · Over-current detection and protection
- Individual Port Status Indicator LED's
- Five horizontally mounted 480 Mbps downstream ports
- Two vertically mounted 480 Mbps downstream ports
- Fully compatible with USB 1.1 and USB 2.0 devices
- · Compact slim-line design
- Two hubs may be stacked on top of one another

#### Package Contents

- High Speed USB 2.0 compliant 7 Port Hub
- · AC Power Adapter
- User Manual
- · USB device cable







### System Requirements for Mac®

- Supports low- (1.5Mbps) and full-speed modes (12Mbps) on USB-enabled Mac computers prior to PowerMac® G5
- Supports low- (1.5Mbps), full- (12Mbps), and high-speed modes (480Mbps) on PowerMac G5 and above, or on other Mac computers equipped with a USB 2.0 upgrade card

#### **Technical Specifications**

**Upstream Ports** (1) **Downstream Ports** (7)Per-port Voltage DC +5V Per Port Current 500mA (max) Power Mode Self-Powered Operating Temperature  $5^{\circ}C \sim 40^{\circ}C$ Storage Temperature -20°C ~ 60°s ABS

Enclosure

Power Supply

Output: DC 6V. 4A

Plug Size: 3.5mm (outer) 1.0mm (center)

Center Positive Plug Polarity:

Main Power LED Color Definitions:

0ff Not Operational Red Operational

Port Status LED Color Definitions:

0ff Over Current Condition Green **Fully Operational** 

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Important Note: Do not connect USB devices to the hub until you are instructed to do so in step 4 of this user guide.

- 1. Plug the AC adapter into a wall outlet, or surge suppressor. Plug the DC connector into the DC Power Jack found on the rear of the hub
- 2. Plug the flat end (USB A connector) of the provided USB device cable into the downstream port of your computer, or downstream port of another hub, then plug the other end (USB mini B connector) of the device cable into the upstream port on the rear of the hub.

Important Note: The hub must be connected to a USB 2.0 compliant host in order to function in Hi-Speed mode (480Mbps data rate). If the hub is connected to a USB 1.1 compliant host, it will operate only in Low Speed or Full Speed mode (1.5 Mbps/12 Mbps).

3. Windows will now detect your hub and install the required driver support. (The Windows "Install New Hardware Wizard" may prompt you to provide your Windows Installation CD to complete the driver installation process).

Important Note: Hi-Speed hub drivers are included with most USB 2.0 PCI upgrade cards, and are pre-installed along with the PCI card drivers. If you purchased an upgrade card prior to the release of Hi-Speed hub support, please check with your PCI card vendor for an updated USB 2.0 driver. The Belkin USB 2.0 driver supports all competitive cards based on the NEC host controller with the exception of Adaptec. The most recent Belkin driver is available at www.belkin.com.

4. Plug the USB-A connector of the USB device, or an additional hub, into any of the downstream ports of the F5U237.

**Important Note:** When moving a device from one port on the hub to another. it may be necessary to re-install the USB drivers for that device

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#### **FCC Statement**

#### DECLARATION OF CONFORMITY WITH FCC RULES FOR ELECTROMAGNETIC COMPATIBILITY

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

F5U237vuk1 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 Corporation, declare under our sole responsibility that the F5U237vuk1, to which this declaration relates, is in conformity with Generic Emissions Standard EN 55022:1998 Class B, EN50081-1 and with Generic Immunity Standard EN50082-1

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## **BELKIN**®

Belkin Corporation 501 West Walnut Street Compton, CA, 90220-5221, USA +1 310 898 1100

+1 310 898 1111 fax

Belkin Ltd. Express Business Park Shipton Way, Rushden NN10 6GL, United Kingdom +44 (0) 1933 35 2000 +44 (0) 1933 31 2000 fax

Belkin B.V. Boeing Avenue 333 1119 PH Schiphol-Rijk, Netherlands +31 (0) 20 654 7300 +31 (0) 20 654 7349 fax Belkin GmbH Hanebergstrasse 2 80637 Munich, Germany +49 (0) 89 143405 0 +49 (0) 89 143405 100 fax

Belkin SAS 130 rue de Silly 92100 Boulogne-Billancourt, France +33 (0) 1 41 03 14 40 +33 (0) 1 41 31 01 72 fax

Belkin Iberia Avda. Cerro del Aguila 3 28700 San Sebastián de los Reyes, Spain +34 9 16 25 80 00 +34 9 02 02 00 34 fax

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