

# BELKIN®

# In-Desk USB Hub

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**BELKIN®**

# In-Desk USB Hub



## User Manual

F5U402-02IN/F5U402-03IN

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# Introduction

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Congratulations and thank you for purchasing the In-Desk USB Hub. The Hub provides four downstream USB ports that offer backward-compatible, Plug-and-Play connectivity with all USB devices, including USB 1.1 (low- and full-speed) and USB 2.0 (high-speed) devices. This includes 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 may be connected to a single port. The Hub fits into an included 2- or 3-inch mounting ring, for discreet placement into your desk.

**Note:** If your desk does not have a pre-drilled hole in it, you can drill one yourself using a 2- or 3-inch hole saw (requires separate purchase, not from Belkin).

**Note:** When the Hub is connected to a USB 1.1 host controller, the maximum USB 1.1 bandwidth of 12Mbps must be shared by all four ports.

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# Introduction

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## Features

- USB specification 2.0 (data rate 1.5/12/480Mbps)
- Backward-compatible with USB Specification 1.1 (data rate 1.5/12Mbps)
- Compatibility with Windows® 98SE, Me, 2000, XP, and Vista™
- Approved by USB Implementers Forum (USB-IF)
- Plug-and-Play connectivity
- Hot-swapping capability
- Over-current detection and protection
- Multiple mounting-ring sizes for different desks (3" and 2")

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## Package Includes

- In-Desk USB Hub
- Mounting Ring
- Power Adapter
- USB 2.0 Cable
- User Manual

**Note:** Mount Ring (Grommet) Caps, Belkin part numbers F5U402-02IN-GRC and F5U402-03IN-GRC, may be used for cable management and to cover mounting-ring opening when Hub is not present (not included).

# Introduction

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## Technical Specifications

Upstream Ports:	1	1
Downstream Ports:	4	2
Per-Port Voltage:	DC +5V	2
Per-Port Current:	500mA (max) (self-powered mode)	—
Power Mode:	Self-powered/bus-powered	3
Operating Temperature:	5° C ~ 40° C	—
Storage Temperature:	-20° C ~ 60° C	
Enclosure:	ABS	
Power Supply:	Output: DC 5V, 2.5A	
	Plug Size: 3.5mm (outer) 1.0mm (center)	
	Plug Polarity: Center positive	

### Main-Power LED

Color Definitions	Off:	Not operational
	Green:	Operational

### Port-Status LED

Color Definitions	Off:	Not operational
	Green:	Operational

# Installation

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**IMPORTANT NOTE:** Please do not connect any USB devices to the Hub until instructed to do so in step 5 of this installation procedure.

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1. Insert the mounting ring into the desk.
2. Plug the included power adapter into a wall outlet or surge suppressor, running its cable through the mounting ring. Do not plug it into the Hub yet.

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3. Plug the flat end of the USB device cable into the downstream port of your computer or another hub; and run the USB cable through the mounting ring.
4. Now, plug in the power cable's connector to the power jack on the rear of the Hub.

**Note:** You can use the Hub without the power supply when connecting low-power devices such as keyboards and mice.

5. Plug the square end of the USB device cable into the upstream port on the rear of the Hub.
6. Place the Hub into the mounting ring.

**Important Note:** The Hub must be connected to a USB 2.0-compliant host in order to function in high-speed mode (480Mbps data rate). If the Hub is connected to a USB 1.1-compliant host, it will operate only in low- or full-speed mode (1.5Mbps/12Mbps).

7. Windows will now detect your Hub and install the required driver. (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 USB 2.0 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 advent of Hi-Speed USB 2.0 hub support, please check with your PCI-card vendor for an updated USB 2.0 driver.

8. Plug the USB-A connector of the USB device or additional hub into any of the In-Desk USB Hub's downstream ports.

**Important Note:** When moving a device from one port to another, it may be necessary to reinstall the USB drivers for that device.

# Information

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## FCC Statement

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

We, Belkin International, Inc., of 501 West Walnut Street, Compton, CA 90220, declare under our sole responsibility that the products:

F5U402-02IN/F5U402-03IN  
to which this declaration relates:

Comply 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. This equipment may only be operated indoors. Operation outdoors is in violation of 47 U.S.C. 301 and could subject the operator to serious legal penalties.

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## CE Declaration of Conformity

We, Belkin International, Inc., declare under our sole responsibility that the F5U402-02IN/F5U402-03IN, to which this declaration relates, are in conformity with Generic Emissions Standard EN55022:1998 Class B, EN50081-1, and with Generic Immunity Standard EN50082-1:1992.

## Belkin International, Inc., Limited Lifetime Product Warranty

### What this warranty covers.

Belkin International, Inc., warrants to the original purchaser of this Belkin product that the product shall be free of defects in design, assembly, material, or workmanship.

### What the period of coverage is.

Belkin International, Inc., warrants the Belkin product for the lifetime of the product.

### What will we do to correct problems?

#### *Product Warranty.*

Belkin will repair or replace, at its option, any defective product free of charge (except for shipping charges for the product).

## Information

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### **What is not covered by this warranty?**

All above warranties are null and void if the Belkin product is not provided to Belkin International, Inc., for inspection upon Belkin's request at the sole expense of the purchaser, or if Belkin International, Inc., determines that the Belkin product has been improperly installed, altered in any way, or tampered with. The Belkin Product Warranty does not protect against acts of God (other than lightning) such as flood, earthquake, war, vandalism, theft, normal-use wear and tear, erosion, depletion, obsolescence, abuse, damage due to low voltage disturbances (i.e. brownouts or sags), non-authorized program, or system equipment modification or alteration.

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### **How to get service.**

To get service for your Belkin product you must take the following steps:

1. Contact Belkin International, Inc., at 501 W. Walnut St., Compton CA 90220, Attn: Customer Service, or call (800)-223-5546, within 15 days of the Occurrence. Be prepared to provide the following information:
  - a. The part number of the Belkin product.
  - b. Where you purchased the product.
  - c. When you purchased the product.
  - d. Copy of original receipt.
2. Your Belkin Customer Service Representative will then instruct you on how to forward your receipt and Belkin product and how to proceed with your claim.

Belkin International, Inc., reserves the right to review the damaged Belkin product. All costs of shipping the Belkin product to Belkin International, Inc., for inspection shall be borne solely by the purchaser. If Belkin determines, in its sole discretion, that it is impractical to ship the damaged equipment to Belkin International, Inc., Belkin may designate, in its sole discretion, an equipment repair facility to inspect and estimate the cost to repair such equipment. The cost, if any, of shipping the equipment to and from such repair facility and of such estimate shall be borne solely by the purchaser. Damaged equipment must remain available for inspection until the claim is finalized. Whenever claims are settled, Belkin International, Inc., reserves the right to be subrogated under any existing insurance policies the purchaser may have.

### **How state law relates to the warranty.**

THIS WARRANTY CONTAINS THE SOLE WARRANTY OF BELKIN INTERNATIONAL, INC., THERE ARE NO OTHER WARRANTIES, EXPRESSED OR, EXCEPT AS REQUIRED BY LAW, IMPLIED, INCLUDING THE IMPLIED WARRANTY OR CONDITION OF QUALITY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND SUCH IMPLIED WARRANTIES, IF ANY, ARE LIMITED IN DURATION TO THE TERM OF THIS WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

IN NO EVENT SHALL BELKIN INTERNATIONAL, INC., BE LIABLE FOR INCIDENTAL, SPECIAL, DIRECT, INDIRECT, CONSEQUENTIAL OR MULTIPLE DAMAGES SUCH AS, BUT NOT LIMITED TO, LOST BUSINESS OR PROFITS ARISING OUT OF THE SALE OR USE OF ANY BELKIN PRODUCT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

This warranty gives you specific legal rights, and you may also have other rights, which may vary from state to state. Some states do not allow the exclusion or limitation of incidental, consequential, or other damages, so the above limitations may not apply to you.

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