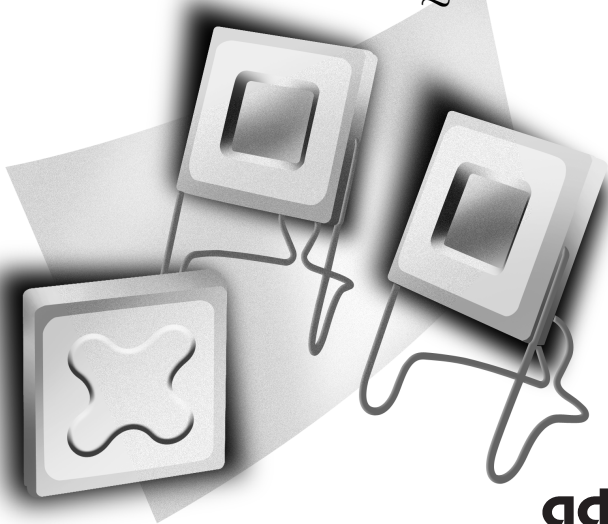


Adaptec XHub


Quick Start Guide



adaptec®

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Introduction

Congratulations on the purchase of your Adaptec XHub. It has been designed to give you the ultimate in USB expandability and make managing your USB devices easier.

Designed for the way you use a hub, the XHub unit offers easy installation, blazing-fast USB 2.0 speed, and USB 1.1 compatibility. It has easy-access USB ports, a removable desktop stand with build-in cable manager (Plus models only), and an expansion-friendly design that lets you stack multiple hubs together. You can even personalize the Plus models with a photo or your favorite artwork.

This Quick Start Guide shows you how to set up your Adaptec XHub unit and start using it right away.

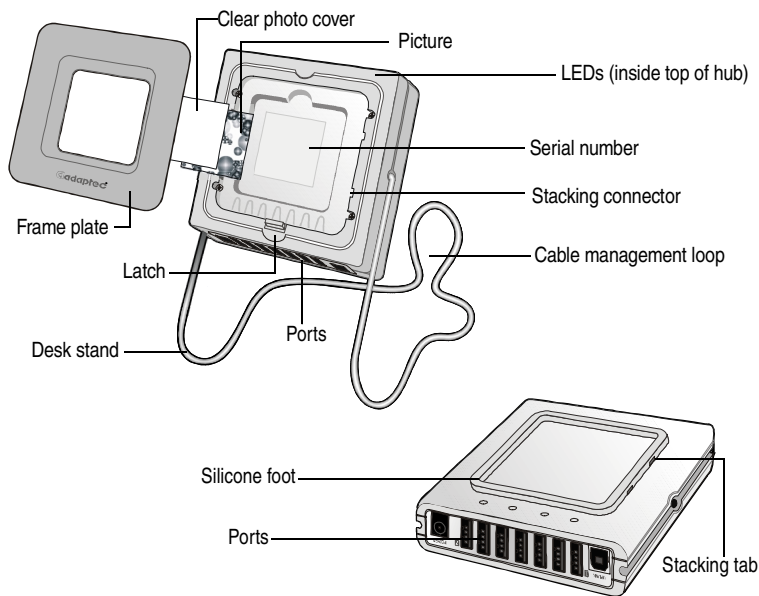
What's in the Package

The Adaptec XHub package includes:

- Adaptec XHub 4- or 7-port USB 2.0 hub
- USB 2.0-certified cable
- Fully-powered 2.5A (XHub4/4 Plus) or 5A (XHub7 Plus) power adapter
- *XHub Quick Start Guide*
- XHub CD (See [What's On the CD on page 14](#) for more details.)
- Face plate (XHub4) or frame plate (Plus models *only*)
- Desk stand (Plus models *only*)

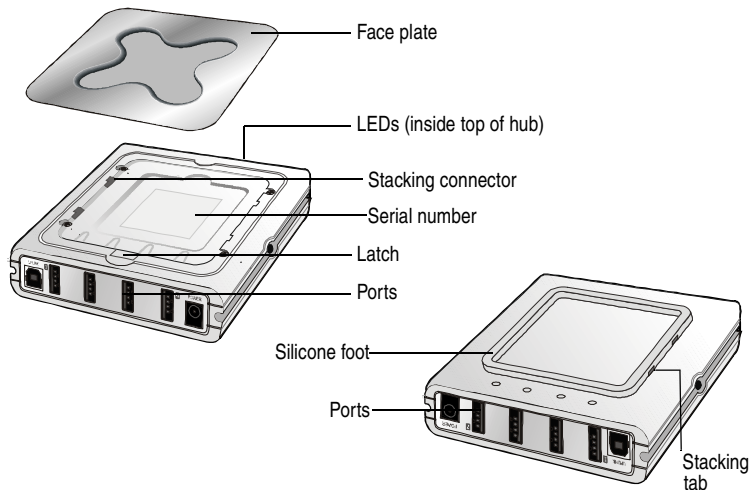
This Is Your Hub

XHub4 Plus and XHub7 Plus Models



Plus Model
(XHub7 Plus shown here)

XHub4 Model

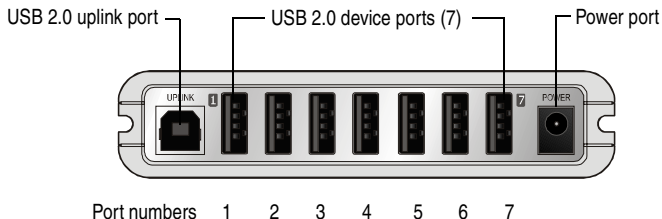


XHub4

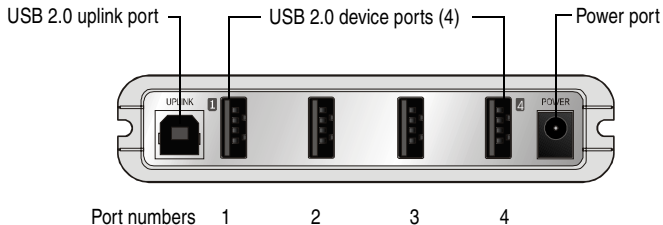


Note: The ports correspond to the LEDs. When you plug a device into the hub, the matching LED lights up. (Depending on the device, the LED may light up only when the device is in use.) The Power port has its own LED. See [Port Details on page 5](#) for more information.

Port Details



XHub7 Plus Port Details



XHub4 / XHub4 Plus Port Details

More information about your XHub is in [Technical Specifications on page 15](#).

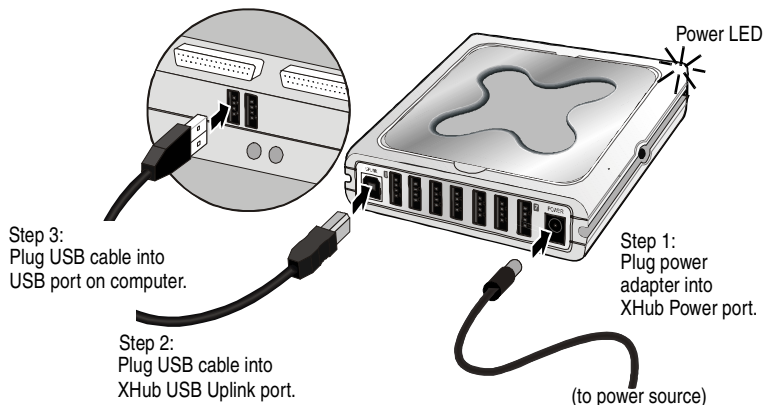
Plugging in Your Hub

Follow the picture below to connect your XHub unit to your computer and to a power source.

Start by plugging in the power adapter. The green Power LED at the top of the hub should light up when the power goes on.



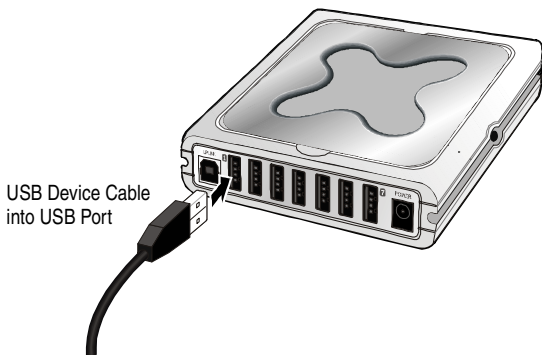
Note: Although the Power LED remains lit when the hub is plugged in, the hub enters power-saver mode if there has been no activity on the USB bus for 3 ms.



Hub Connections

Plugging in Your Devices

Follow the picture below to connect your USB devices to your XHub unit. You can plug devices into any of the USB ports.

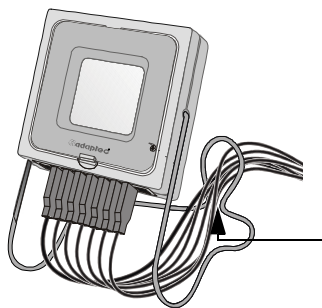


USB Device Connections

Organizing Your Cables (Plus models *only*)

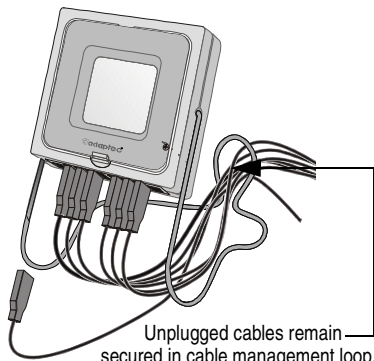
You can use the cable management loop in the desk stand to help you keep your device cables organized. (The picture shows the cable management loop in action.) The cable loop holds up to 14 device cables neatly in place.

Follow the pictures below to organize your cables using the cable management loop.



Step 1:
Plug in device cable.

Step 2:
Pull cable up through opening
into the cable management loop.



Unplugged cables remain
secured in cable management loop.

Cable Management Using the Desk Stand (Plus models *only*)

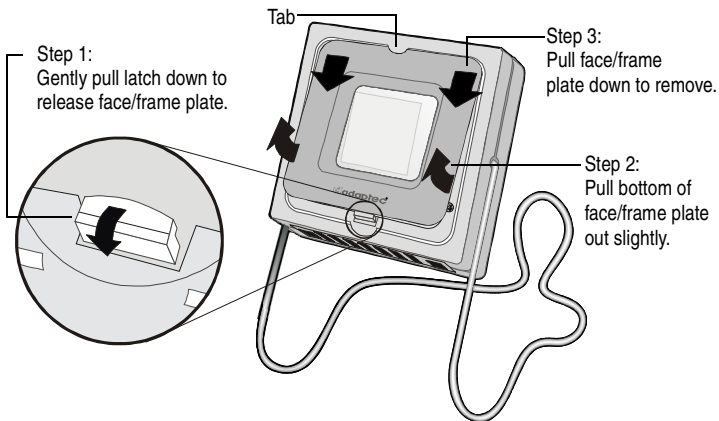
Stacking Your Hubs

If you want to add more USB 2.0 ports to your system, Adaptec XHubs can be daisy-chained (linked in series) and stacked together. (See [Making the Most of Your Daisy-Chain on page 11](#) for more information.)

Hubs can be piled on a flat surface (such as your desk) or they can be joined together using the built-in connector slots and tabs.

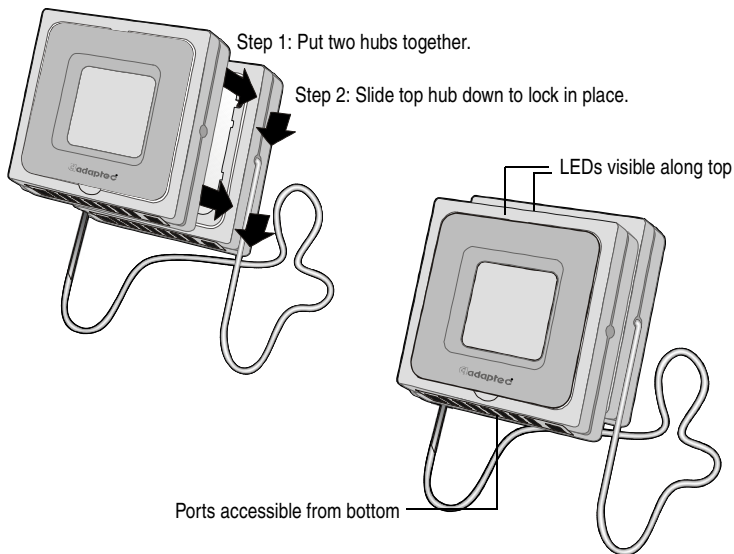
To join your hubs using the connector slots and tabs:

- 1 Remove the face or frame plate, as shown in the picture below.



Removing the Face Plate/Frame Plate

- 2 Follow the pictures below to join your hubs together.



Stacking Hubs on a Desk Stand

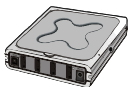


Note: Keep gravity in mind: no more than three hubs should be stacked on a desk stand.



Note: To stack your hubs *without* joining them (not pictured), remove the face plates from all but the top hub, and then just pile one hub on top of the other. Align the ports of each hub on one side of the pile for easy access; the LEDs will then be visible on the other side. Then follow Steps 3 and 4 below.

- 3 Connect a power adapter to each hub. (See [Plugging in Your Hub on page 6](#).)
- 4 Connect your hubs to each other using a USB 2.0 cable, following the connection suggestions in the diagram below.



XHub4/XHub4 Plus

Use any USB port to connect to another XHub



XHub7 Plus

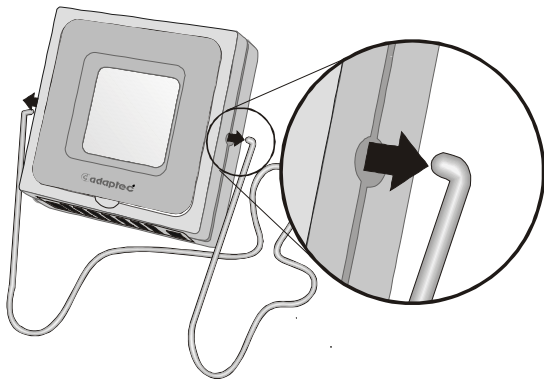
For maximum performance, use USB port 1, 3, or 5, especially when stacking more than two hubs.

Making the Most of Your Daisy-Chain

You can connect up to five XHub4s, or up to four XHub7s. The maximum number of hubs on a daisy-chain will vary if you use a combination of XHub4s and XHub7s. (This is a USB limitation.)

Removing the Desk Stand (Plus models *only*)

Follow the picture below to remove your hub from the desk stand.



Releasing the Hub from the Desk Stand

To replace the desk stand, pull the sides of the stand slightly apart and carefully fit the hub into place. Avoid scraping the ends of the desk stand across the face/frame plate.

Personalizing Your Adaptec XHub

The following sections explain how to personalize your Adaptec XHub.

Adding a Photo (Plus models *only*)

You can place a photo or your favorite artwork behind the frame plate.

- 1 Remove the frame plate (as shown on [page 9](#)).

The clear plastic photo cover is underneath the frame plate.

- 2 Cut your photo (or other image) to the proper size.

The photo must be 2" by 2" to fit the frame.



Note: You can trace around the photo cover for an exact fit.

- 3 Place your photo in the hub, and place the photo cover over it.
- 4 Replace the frame plate by sliding it under the top tab and then gently pushing the bottom of the frame plate into the hub until the latch snaps closed.

More Customization Options

You can find more customization options at the Adaptec Web site. Go to www.adaptec.com/usb.

What's On the CD

You can find these on your XHub CD:

- Adaptec USB 2.0 drivers (for Windows 98 SE, Me, and 2000.)
- Adaptec USBControl Utility (for Windows 98 SE, Me, 2000, and XP)
- Adobe® Acrobat Reader
- Registration card
- *Adaptec XHub Quick Start Guide*
- ReadMe files

About USB 2.0 Drivers

USB 2.0 driver software with hub support is required for the XHub unit to operate at USB 2.0 speeds. USB 2.0 drivers with hub support can be found on the XHub CD included in your XHub kit.

USB 1.1 devices cannot operate at USB 2.0 speeds even when connected to a USB 2.0 hub or host adapter. USB 2.0 devices, including the XHub unit, connected through a USB 1.1 hub are limited to USB 1.1 speeds. A USB 2.0 hub needs to be connected to a computer or host adapter USB 2.0 port to operate at USB 2.0 speeds. If your computer does not have a built-in USB 2.0 port, we recommend connecting the XHub unit to an Adaptec USB 2.0 card for the highest-quality USB 2.0 connection.

Technical Specifications

Adaptec USB 2 Hi-Speed 4-Port Hub (XHub 4 and XHub 4 Plus)

USB Compliant Version	USB 2.0, USB Hi-Speed Certified
Number of USB Ports	4
Operating Temperature	0 °C – 40 °C
Power Source	Self-powered
Power Adapter Input	AC 100 V – 240 V, 50 Hz/60 Hz
Power Adapter Output	DC 5 V/2.5 A

Adaptec USB 2 Hi-Speed 7-Port Hub (XHub 7 Plus)

USB Compliant Version	USB 2.0, USB Hi-Speed Certified
Number of USB Ports	7
Operating Temperature	0 °C – 40 °C
Power Source	Self-powered
Power Adapter Input	AC 100 V – 240 V, 50 Hz/60 Hz
Power Adapter Output	DC 5 V/5 A

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Adaptec Customer Support

If you have questions about installing or using your Adaptec product, check this document first—you will find answers to most of your questions here. If you need further assistance, use the support options listed below.

Technical Support Identification (TSID) Number

- Before contacting Technical Support, you'll need your TSID. The TSID helps us provide more efficient service by accurately identifying your product and support status. The 12-digit TSID can be found on the white barcode-type label included inside the box with your product.
- Affix your TSID label on the jacket of the CD included in your kit

Support Options

- Search the Adaptec Support Knowledgebase (ASK) at <http://ask.adaptec.com> for articles, troubleshooting tips, and frequently asked questions for your product.
- For support via Email, submit your question to Adaptec's Technical Support Specialists at <http://ask.adaptec.com>.

North America

- Visit our Web site at <http://www.adaptec.com>.
- For information about Adaptec's support options, call +1 408-957-2550, 24 hours per day, 7 days per week.
- To speak with a Technical Support Specialist,

Call +1 408-934-7274,
Monday–Friday, 3:00 a.m. to 5:00 p.m., Pacific Time.

To expedite your service, have your XHub unit in front of you.

- To order Adaptec products, including accessories and cables, call +1 408-957-7274.

Europe

- Visit our Web site at <http://www.adaptec-europe.com>.
- **English and French:** To speak with a Technical Support Specialist, call one of the following numbers, Monday to Thursday, 10:00 to 12:30 and 13:30 to 17:30; Friday, 10:00 to 12:30 and 13:30 to 16:30, Central European Time:
 - **English:** +32 2 352 3470
 - **French:** +32 2 352 3460

To expedite your service, have your computer in front of you.

- **German:** To speak with a Technical Support Specialist, call +49 89 456 40660, Monday to Thursday, 9:30 to 12:30 and 13:30 to 16:30; Friday, 9:30 to 12:30 and 13:30 to 15:00, Central European Time. To expedite your service, have your computer in front of you.
- To order Adaptec products, including accessories and cables, call +32 11 300 379.

Australia and New Zealand

- Visit our Web site at <http://www.adaptec.com.au>.
- To speak with a Technical Support Specialist, call +612 9416 0698, Monday to Friday, 10:00 A.M. to 4:30 P.M., Eastern Australia Time. To expedite your service, have your computer in front of you.

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- Visit our Web site at <http://www.adaptec.com>.
- To speak with a Technical Support Specialist, call +852 2869 7200, Monday to Friday, 10:00 A.M. to 5:00 P.M. To expedite your service, have your computer in front of you.
- Fax Technical Support at +852 2869 7100.

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- Visit our Web site at <http://www.adaptec.com>.
- To speak with a Technical Support Specialist, call +65 245 7470, Monday to Friday, 10:00 A.M. to 5:00 P.M. To expedite your service, have your computer in front of you.

Japan

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Adaptec, Inc.
Legal Department
691 South Milpitas Boulevard
Milpitas, California 95035

Regulatory Compliance Statements

Federal Communications Commission Radio Frequency Interference Statement

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. However, if this equipment does cause interference to radio or television equipment reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.
- Use a shielded and properly grounded I/O cable and power cable to ensure compliance of this unit to the specified limits of the rules.

This device 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.

Adaptec, Inc.

XHub 4/XHub 4+/XHub 7+



Tested to Comply
With FCC Standards

FOR HOME OR OFFICE USE



European Union Compliance Statement

This Information Technology Equipment has been tested and found to comply with the following European directives:

EMC Directive 89/336/EEC, as amended by 92/31/EEC and 93/68/EEC

EN50081-1 (1992)

EN55022 (1994) Class B

EN50082-1 (1992)

EN61000-4-2 (1998)

EN61000-4-3 (1998)

EN61000-4-4 (1995)

EN61000-4-5 (1995) Surges

EN61000-4-6 (1996) Conducted immunity

EN61000-4-11 (1994) Supply dips of variation



Australian/New Zealand Compliance Statement

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to the Australian/New Zealand standard AS/NZS 3548 set out by the Spectrum Management Agency.



Canadian Compliance Statement

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.



Japanese Compliance (Voluntary Control Council Initiative)



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