USER'S MANUAL

Click Here to Begin

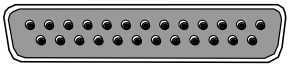
USB

XpressSCSI

USB to SCSI Converter Cable

For models:

USB-SCSI-DB25



USB-SCSI-HD50

Connect up to seven SCSI devices to your USB compatible Mac or PC. Works great with existing SCSI devices.

MICROTECH

Version 1.0

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CONTACT — How to contact Microtech via e-mail, telephone, fax, or standard mail.

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Text and buttons are also used throughout this guide (such as in the Table of Contents). Underlined text links (similar to a text link on a web page) are also used. The mouse pointer will change to a pointing hand ( ) whenever you pass over an active link.

Controls within the Adobe® Acrobat® Reader.

Go to next page or to previous page. (Note: The "Left" and "Right" arrows on the keyboard can also be used to advance to the previous or next page. The "Up" and "Down" arrows can be used to scroll up or down on a current page, as well as advance pages).

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USER'S MANUAL

USB XpressSCSI

Register your USB XpressSCSI for a chance to win an Apple iMac.

Click here for more info...

1 GETTING STARTED

Introduction

What's the difference between part# USB-SCSI-DB25 and part# USB SCSI-HD50?

What's included with the USB XpressSCSI

Registering the USB XpressSCSI

MICROTECH

Introduction:

Thank you for purchasing the USB XpressSCSI from Microtech International, Inc.

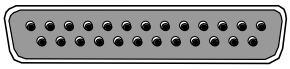
The USB XpressSCSI is a USB to SCSI converter for new Apple iMac, Apple G3, and PC Compatible owners who wish to use their existing SCSI peripherals such as hard drives, Zip drives, and CD-ROM drives on a USB enabled system. The USB XpressSCSI is easy to use and provides transfer rates of up to 1.2MB/sec (12Mb/s).

What is the difference between part# USB-SCSI-DB25 and part# USB-SCSI-HD50?

The USB XpressSCSI is available in two models — one features a DB25 Female SCSI connector (USB-SCSI-DB25), the other features an HD50 Male SCSI connector (USB-SCSI-HD50). Although the two versions are similar, there are a few important differences to consider:

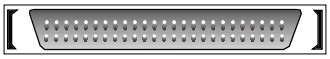
USB-SCSI-DB25
This USB XpressSCSI model features a DB25 SCSI connector. Installation steps will vary depending on the configuration of the SCSI devices in your system. Refer to Chapter 2: "Connecting to a Macintosh" or Chapter 3: "Connecting to a PC Compatible" for more information.

DB25 SCSI Connector



USB-SCSI-HD50
This version of the USB XpressSCSI features an HD50 male SCSI2 connector. Installation is performed simply by connecting the male HD50 SCSI end of the USB XpressSCSI to the female HD50 SCSI connector on your SCSI device. Refer to Chapter 2: "Connecting to a Macintosh" or Chapter 3: "Connecting to a PC Compatible" for more information.

HD50 Male SCSI2 Connector



What's included with the USB XpressSCSI:

The USB XpressSCSI includes the following:

- USB XpressSCSI Converter Cable
- Microtech Installer CD
- Quick-Start Guide
- Warranty Registration Card

System Requirements:

PC Compatible:

- Desktop or laptop PC Compatible with a USB port
- Windows 98

Macintosh:

- Any Apple iMac or USB equipped G3 minitower*
- Mac OS 8.5 or higher

* Does not support 3rd party USB add-on cards.

Registering the USB XpressSCSI

Thank you again for purchasing the Microtech USB XpressSCSI. In order for us to better serve you, we encourage you to register your USB XpressSCSI as soon as possible. There are several benefits to registering the USB XpressSCSI:

1. Registering your USB XpressSCSI entitles you to free periodic driver software updates when available.
2. Registering your USB XpressSCSI entitles you to toll free technical assistance from Microtech.
3. By registering online you will be entered in a drawing to win a new Apple iMac.

There are three options for you to register the USB XpressSCSI:

1. Register online at **http://www.microtechint.com/usbregister** for instant registration.
2. Complete and mail the included Warranty Registration Card to Microtech.
3. Complete and fax the included Warranty Registration Card to Microtech.

Click here to register online

USER'S MANUAL

USB XpressSCSI

2

CONNECTING
to a Macintosh

Installation Overview

Connecting a SCSI Device

Connecting and using more than one SCSI Device

SCSI Addressing

SCSI Termination

Installing the Driver Software

Connecting to the USB Port

Connecting to a USB Hub

Using the USB XpressSCSI

MICROTECH

Installation Overview

The USB XpressSCSI is relatively easy to install and operate. To avoid complications during the installation process, please follow the steps in order as described in this chapter.

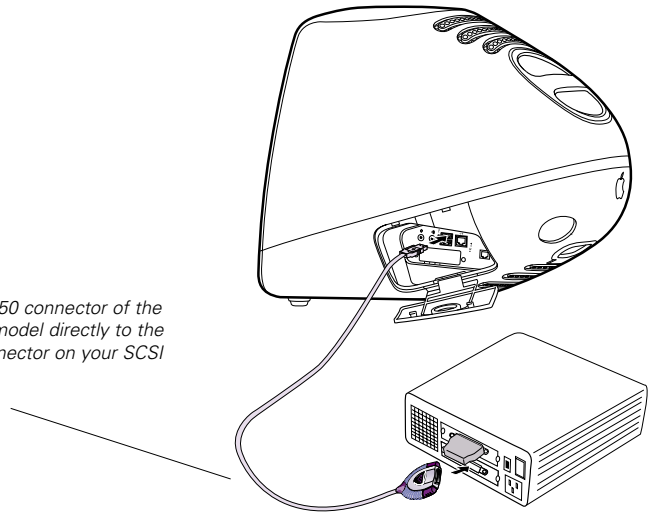
Connecting a SCSI Device

Microtech includes accessories to help make setup as convenient and hassle free as possible. The SCSI connector on your USB XpressSCSI model may or may not be the appropriate SCSI connector to use in your system configuration (depending on the type of connectors on your SCSI device(s) and the type of USB XpressSCSI you purchased). You may need to obtain an adapter to properly connect the USB XpressSCSI to your SCSI device.

USB-SCSI-HD50 model

1. Plug the male HD50 SCSI-2 connector of the USB XpressSCSI directly to the female HD50 SCSI-2 connector at the rear of your SCSI device.

2. Be sure the cable is securely attached to your SCSI device and then fasten with the built-in locking clamps.

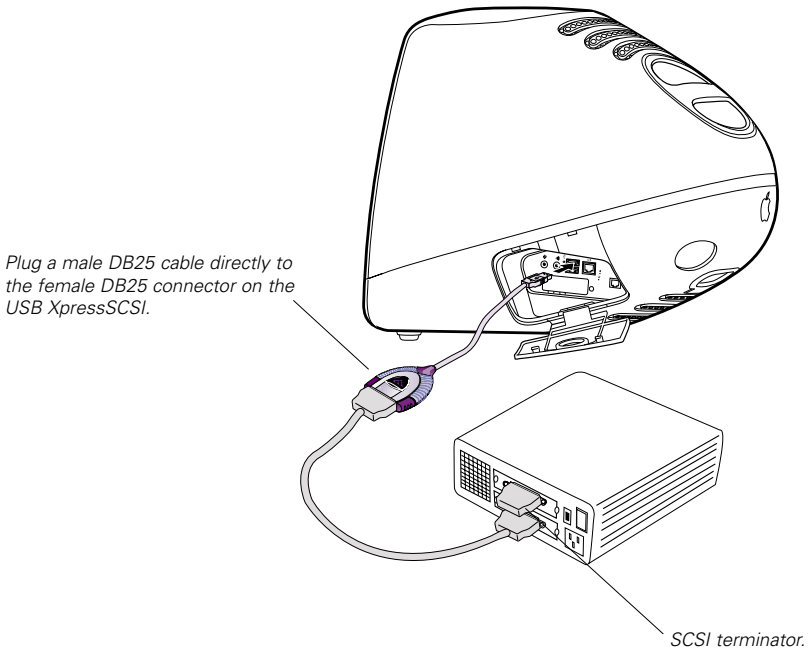


Plug the male HD50 connector of the USB-SCSI-HD50 model directly to the female HD50 connector on your SCSI device.

USB-SCSI-DB25 model

1. In most cases - you will plug a male DB25 cable (most likely included with your existing SCSI device) directly to the DB25 female connector of the USB XpressSCSI. In some instances a gender changer may be required to properly connect to your cable or device.

2. Be sure the cable is firmly attached to your SCSI device. Built-in hex nuts are provided for secure attachment.



Connecting and Using more than one SCSI Device:

The SCSI standard supports connection to one computer and up to seven SCSI devices. You can use the USB XpressSCSI (Part# USB-SCSI-DB25 or USB-SCSI-HD50) to connect either one SCSI device, or several SCSI devices in a series. When more than one SCSI device is connected to your computer it is referred to as a SCSI chain.

Please note, the SCSI connector on your USB XpressSCSI model may or may not be the appropriate SCSI connector to use in your system configuration (depending on the SCSI connection required for your hardware setup and the USB XpressSCSI model you purchased). You may need to obtain an adapter to properly connect the USB XpressSCSI to your SCSI device(s). You may also need to acquire additional SCSI cables if you would like to attach additional SCSI devices. Some of your existing SCSI devices may have already included SCSI cables which may be appropriate to use. For more information contact the manufacturer of your SCSI device(s), your local computer dealer, or Microtech's Technical Support Department.

IMPORTANT: *Always use a high-impedance (100-ohm) type* ***SCSI*** *cable. Be careful not to use printer cables, as they may look like SCSI cables, but will cause malfunctions and possible loss of data.*

1. Follow the steps in the previous section "Connecting a SCSI device" to connect the USB XpressSCSI to the first SCSI device.

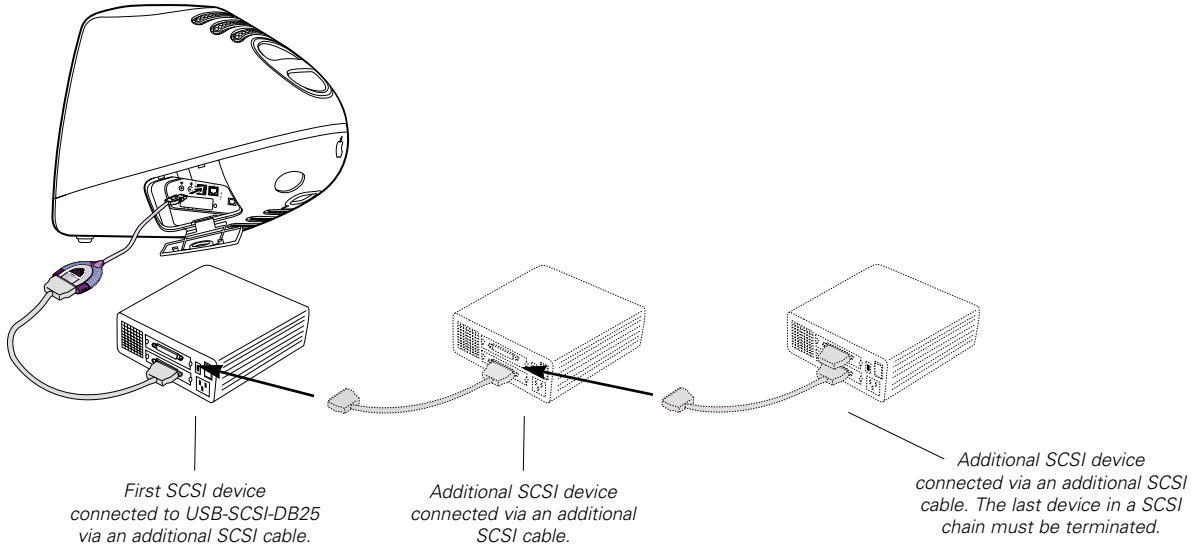
2. Most SCSI devices include a second SCSI port/connector to attach additional SCSI devices or an external SCSI terminator. Using an additional SCSI cable connect the next SCSI device you would like to add to the available SCSI connector on the first device. Refer to the illustrations on the next page.

3. Using another SCSI cable connect the next SCSI device you would like to add to the available SCSI connector on the second SCSI device. Repeat this step when adding additional devices. Refer to the illustrations on the next page.

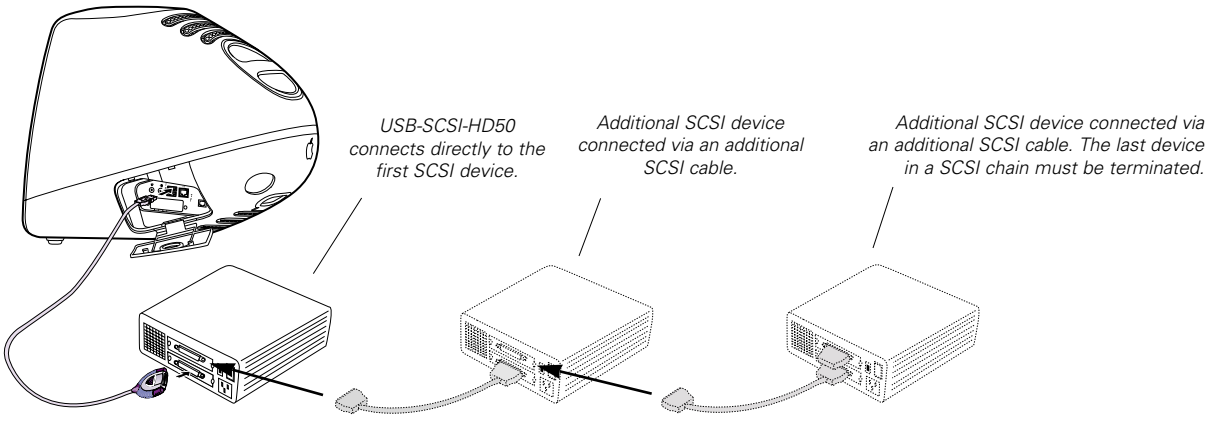
4. Securely plug each cable end into each connector and then fasten with the built-in clamps or screws.

5. The order of the SCSI devices to be connected can be changed. Be sure to assign a unique SCSI ID address to each device on your SCSI chain. The last device in the SCSI chain must be terminated. Proceed to the next two sections "SCSI Addressing" and "SCSI Termination" for more information.

USB-SCSI-DB25 Example Connection



USB-SCSI-HD50 Example Connection



SCSI Addressing

The SCSI standard supports connection from one computer to up to seven SCSI devices. When more than one SCSI device is connected to your computer it is referred to as a SCSI chain.

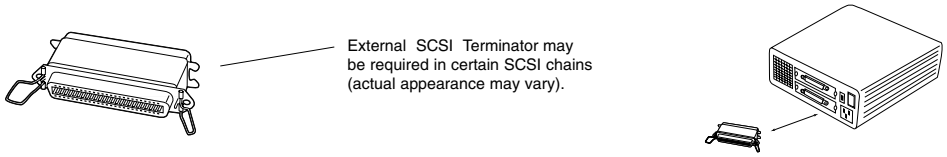
Each device in a SCSI chain **must be assigned a unique SCSI ID number** for proper operation. Therefore, two devices must not have the same ID number. The SCSI ID is independent of the order of physical device connection. ID numbers 0 to 6 are available for other SCSI devices.
Note: You cannot use the same ID number more than once in a SCSI chain.

1. Turn off the power to your SCSI device(s) prior to changing the SCSI ID's. The new number will not become effective while power is still on.

2. Assign a SCSI ID number between 0 and 6 to each device in the chain. Your SCSI device(s) will feature either an ID switch, panel, or other method allowing you to change the SCSI address. Some devices only permit a choice of ID numbers rather than the full range of 0-6. For information on setting the SCSI ID on your SCSI device refer to the related device manual.

SCSI Termination

A SCSI terminator is a device which blocks stray SCSI signals in a chain to ensure a reliable connection. SCSI termination is required whether you have just one or many SCSI devices connected. Termination is usually applied to the last device in a SCSI chain to complete the connection. Termination can be applied via switches or via external attachments (see illustration below) for devices without built-in termination.

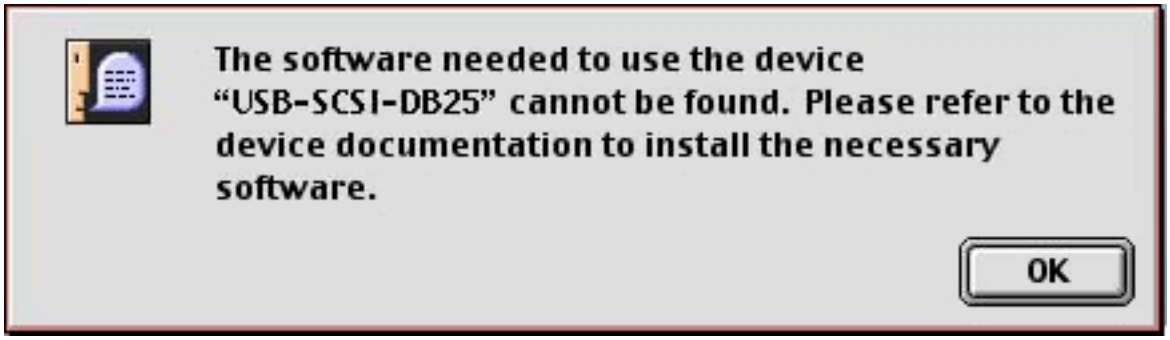


Installing the Driver Software

Macintosh Installation (Mac OS 8.5 or above):

1. Insert the Microtech Installer CD-ROM
2. Double-click on the "Microtech Installer" Icon
3. Follow any instructions displayed on the screen.
4. **After** installing the driver software, finish reading this chapter and connect the USB XpressSCSI to your computer. For instructions on connecting the USB XpressSCSI directly to your computer proceed to the section "Connecting to the USB Port" (page 16). For instructions on connecting to a USB hub, proceed to the section "Connecting to a USB Hub"(page 17).

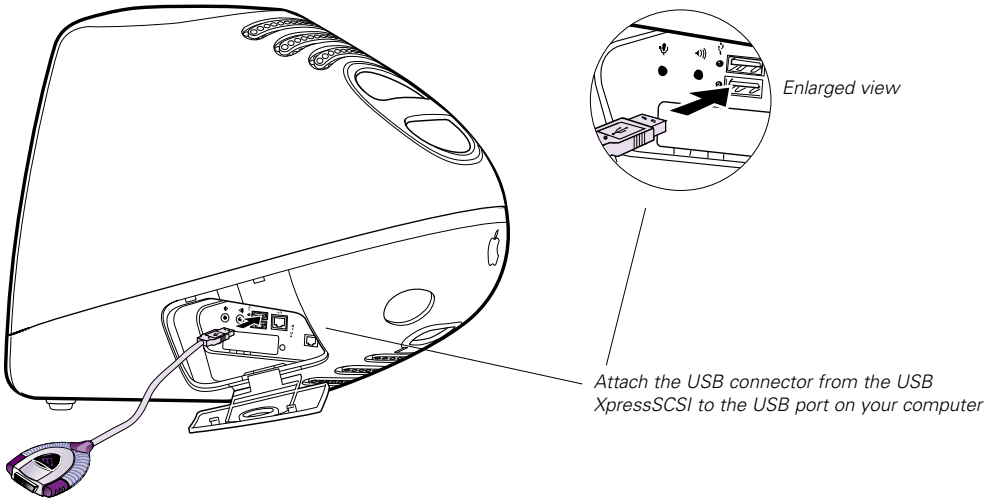
Installation note: *If you attempt to attach the USB connector to the USB port of your Macintosh or hub prior to installing the USB XpressSCSI drivers you may receive the following (or a similar) message:*



If this occurs, click "OK", install the driver software, and then attach the USB connector. For more information on attaching USB devices proceed to the section "Connecting to the USB Port" (page 16) or "Connecting to a USB Hub" (page 17).

Connecting to the USB Port:

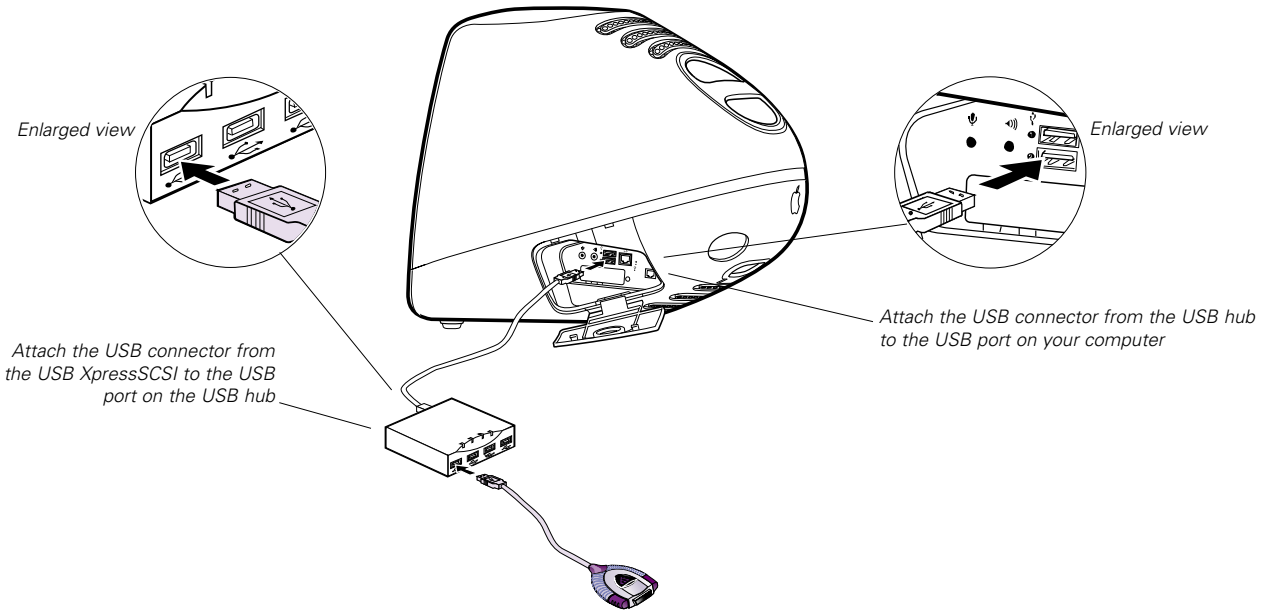
1. **Connect the USB connector of the USB XpressSCSI to the USB port on your Macintosh.** In the case of the Apple iMac, USB ports are located both on the side of the iMac as well as on the keyboard.



2. **Make sure the cable ends are firmly connected.** Be careful not to confuse the upper and lower parts of the connector. Do not force connections, as this may damage the computer, the USB XpressSCSI, or your SCSI device(s).

Connecting to a USB Hub (using with other USB devices):

1. Connect the USB hub (purchased separately) to your computer's USB port.
2. Then connect the USB connector of the USB XpressSCSI to a port on the USB hub. Make sure the connectors are secured firmly.



Using the USB XpressSCSI

The USB XpressSCSI cable by itself is "hot-pluggable," that is it can be safely attached to and detached from a live system. It is important to note however - **SCSI devices are not hot-pluggable** (based on industry standards). When SCSI devices are attached to the USB XpressSCSI, **you should not attempt to hot-plug the USB XpressSCSI to or from your computer**. Instead, when making changes to your hardware setup while SCSI devices are connected to the USB XpressSCSI, (for example adding or removing SCSI) **you should restart your computer**.

3

CONNECTING
to a PC Compatible

Installation Overview

Connecting a SCSI device

Connecting and using more than one SCSI Device

SCSI Addressing

SCSI Termination

Connecting to the USB Port

Connecting to a USB Hub

Installing the Driver Software

Using the USB XpressSCSI

Installation Overview

The USB XpressSCSI is relatively easy to install and operate. To avoid complications during the installation process, please follow the steps in order as described in this chapter.

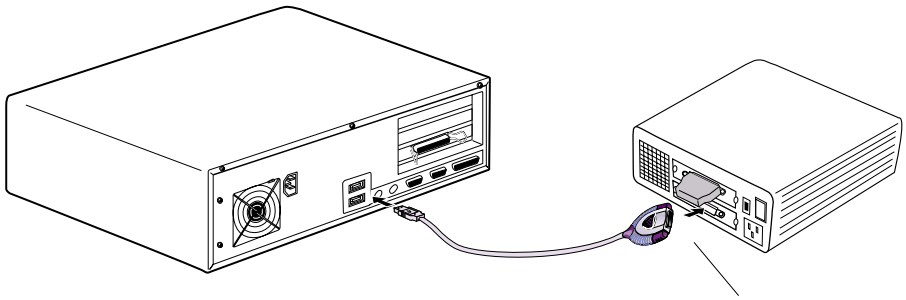
Connecting a SCSI Device

Microtech includes accessories to help make setup as convenient and hassle free as possible. The SCSI connector on your USB XpressSCSI model may or may not be the appropriate SCSI connector to use in your system configuration (depending on the type of connectors on your SCSI device(s) and the type of USB XpressSCSI you purchased). You may need to obtain an adapter to properly connect the USB XpressSCSI to your SCSI device.

USB-SCSI-HD50 model

1. Plug the male HD50 SCSI-2 connector of the USB XpressSCSI directly to the female HD50 SCSI-2 connector at the rear of your SCSI device.

2. Be sure the cable is securely attached to your SCSI device and then fasten with the built-in locking clamps.

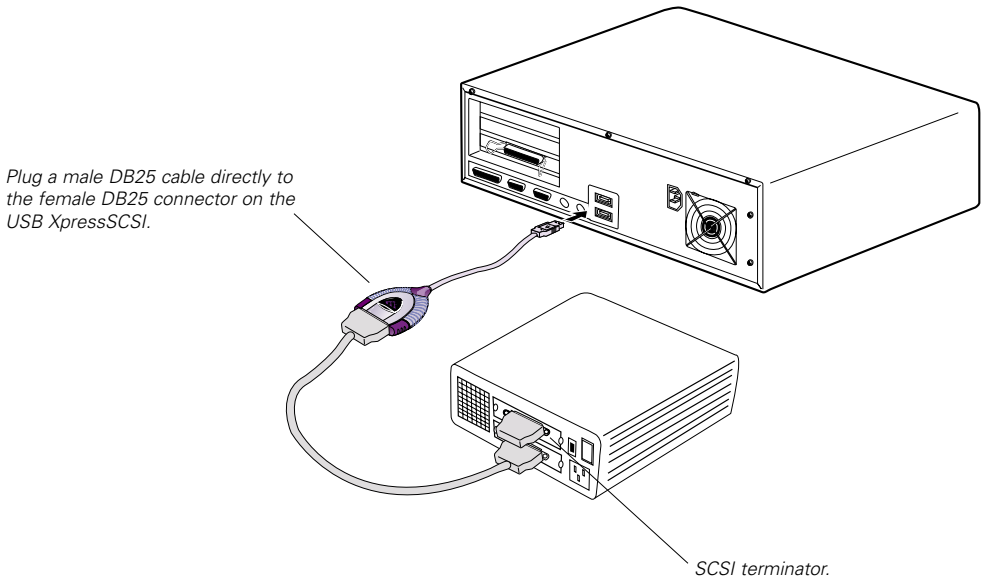


Plug the male HD50 connector of the USB-SCSI-HD50 model directly to the female HD50 connector on your SCSI device.

USB-SCSI-DB25 model

1. In most cases - you will plug a male DB25 cable (most likely included with your existing SCSI device) directly to the DB25 female connector of the USB XpressSCSI. In some instances a gender changer may be required to properly connect to your cable or device.

2. Be sure the cable is firmly attached to your SCSI device. Built-in hex nuts are provided for secure attachment.



Connecting and Using more than one SCSI Device

The SCSI standard supports connection to one computer and up to seven SCSI devices. You can use the USB XpressSCSI (Part# USB-SCSI-DB25 or USB-SCSI-HD50) to connect either one SCSI device, or several SCSI devices in a series. When more than one SCSI device is connected to your computer it is referred to as a SCSI chain.

Please note, the SCSI connector on your USB XpressSCSI model may or may not be the appropriate SCSI connector to use in your system configuration (depending on the SCSI connection required for your hardware set up and the USB XpressSCSI model you purchased). You may need to obtain an adapter to properly connect the USB XpressSCSI to your SCSI device(s). You may also need to acquire additional SCSI cables if you would like to attach additional SCSI devices. Some of your existing SCSI devices may have already included SCSI cables which may be appropriate to use. For more information contact the manufacturer of your SCSI device(s), your local computer dealer, or Microtech's Technical Support Department.

IMPORTANT: *Always use a high-impedance (100-ohm) type* ***SCSI*** *cable. Be careful not to use printer cables as they can look like SCSI cables, but will cause malfunctions and possible loss of data.*

1. Follow the steps in the previous section "Connecting a SCSI device" to connect the USB XpressSCSI to the first SCSI device.

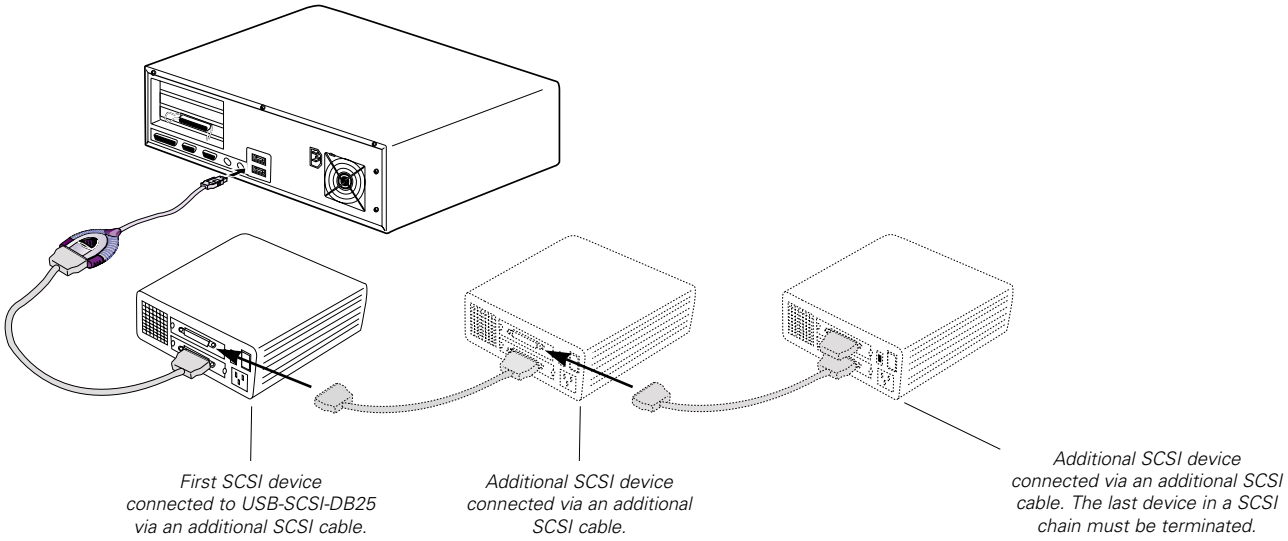
2. Most SCSI devices include a second SCSI port/connector to attach additional SCSI devices or an external SCSI terminator. Using an additional SCSI cable connect the next SCSI device you would like to add to the available SCSI connector on the first device. Refer to the illustrations on the next page.

3. Using another SCSI cable connect the next SCSI device you would like to add to the available SCSI connector on the second SCSI device. Repeat this step when adding additional devices. Refer to the illustrations on the next page.

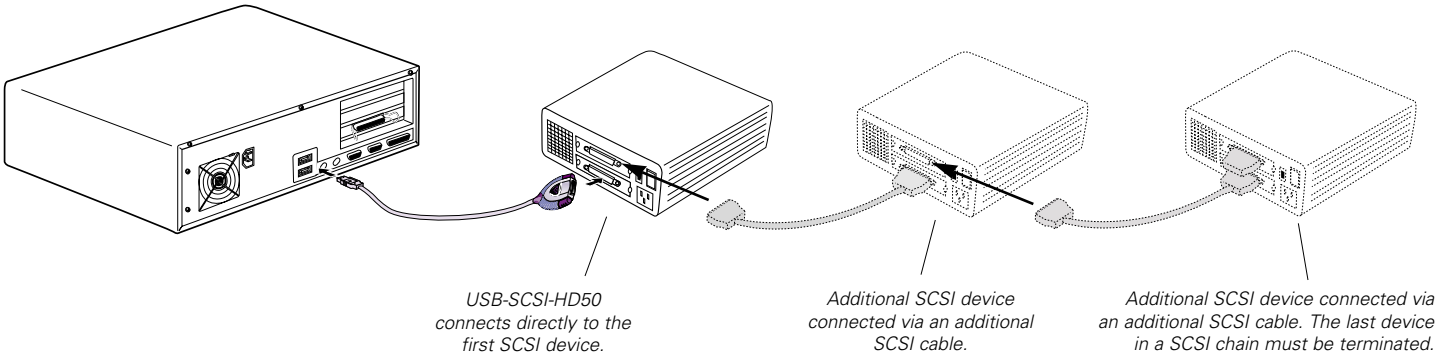
4. Securely plug each cable end into each connector and then fasten with the built-in clamps or screws.

5. The order of the SCSI devices to be connected can be changed. Be sure to assign a unique SCSI ID address to each device on your SCSI chain. The last device in the SCSI chain must be terminated. Proceed to the next two sections "SCSI Addressing" and "SCSI Termination" for more information.

USB-SCSI-DB25 Example Connection



USB-SCSI-HD50 Example Connection



SCSI Addressing

The SCSI standard supports connection from one computer to up to seven SCSI devices. When more than one SCSI device is connected to your computer it is referred to as a SCSI chain.

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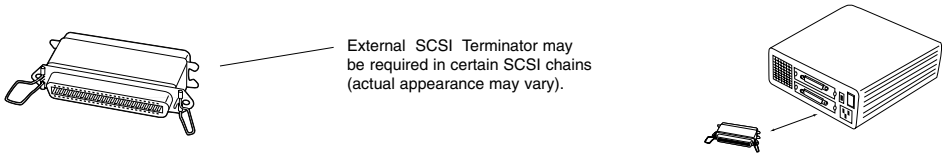
2. Assign a SCSI ID number between 0 and 6 to each device in the chain. Your SCSI device(s) will feature either an ID switch, panel, or other method allowing you to change the SCSI address. Some devices only permit a choice of ID numbers rather than the full range of 0-6. For information on setting the SCSI ID for your device refer to the related SCSI device manual.

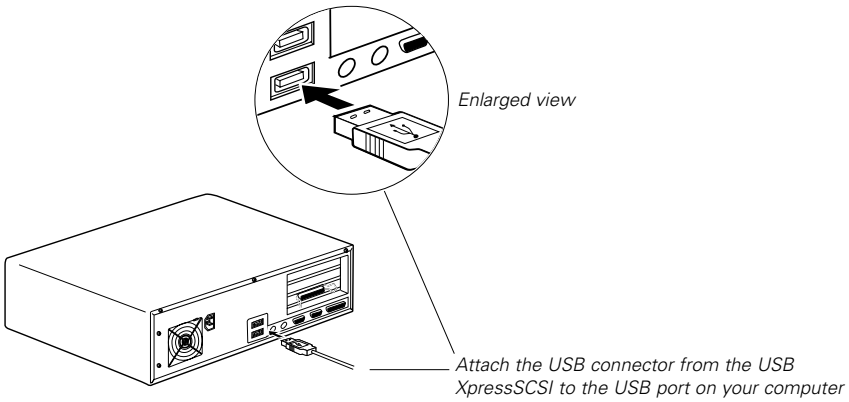
SCSI Termination

A SCSI terminator is a device which blocks stray SCSI signals in a chain to ensure a reliable connection. SCSI termination is required whether you have just one or many SCSI devices connected. Termination is usually applied to the last device in a SCSI chain to complete the connection. Termination can be applied via switches or via external attachments (see illustration below) for devices without built-in termination.



Connecting to the USB Port:

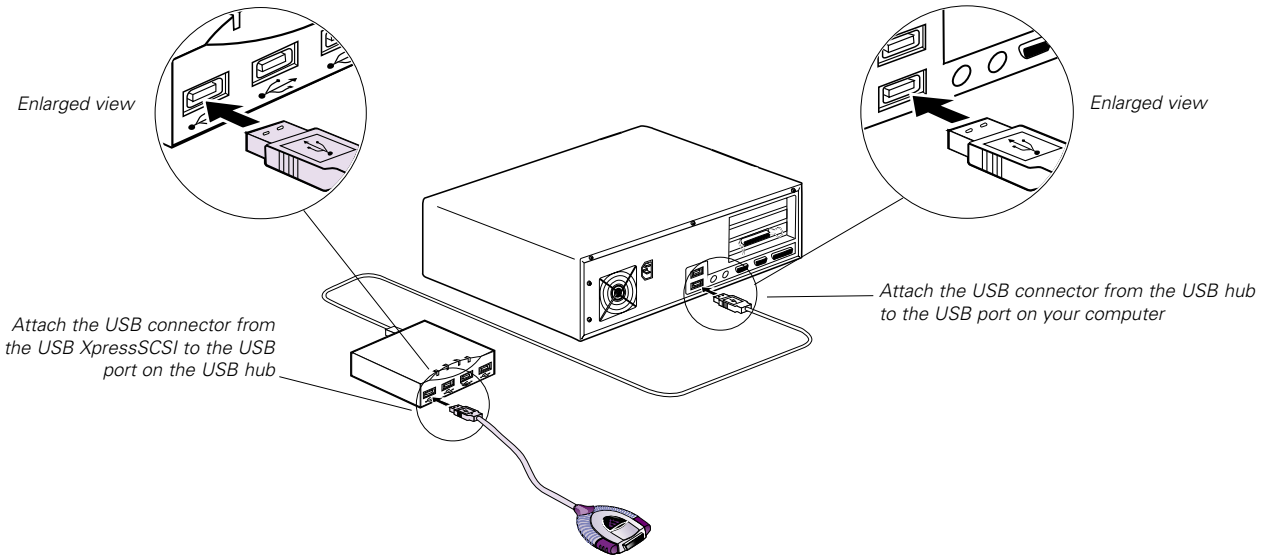
1. **Connect the USB connector of the USB XpressSCSI to the USB port located at the back of the computer.**



2. **Make sure the cable ends are firmly connected.** Be careful not to confuse the upper and lower parts of the connector. Do not force connections, as this may damage the computer, the USB XpressSCSI, or your SCSI device(s).

Connecting to a USB Hub (using with other USB devices):

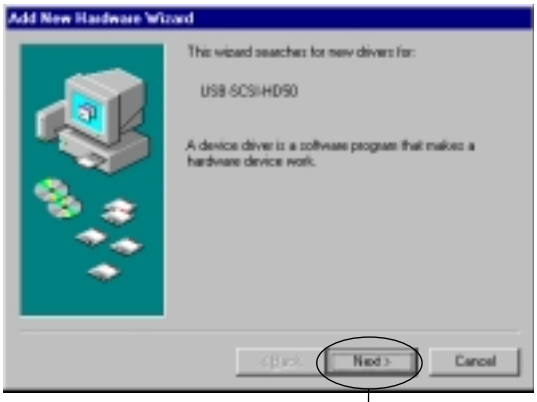
1. Connect the USB hub (purchased separately) to your computer's USB port.
2. Then connect the USB connector of the USB XpressSCSI to a port on the USB hub. Make sure the connectors are secured firmly.



Installing the Driver Software

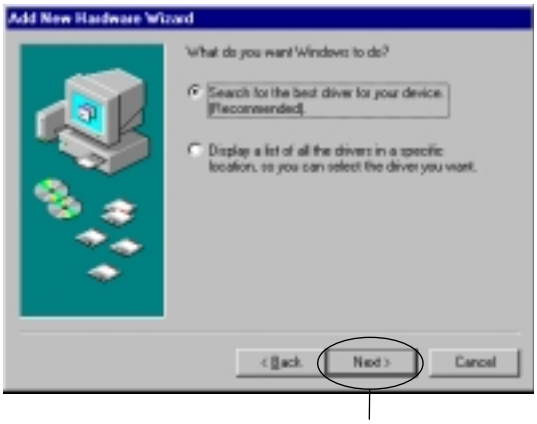
PC Compatible Installation (Windows 98 or above):

Follow the hardware installation instructions as described previously in this chapter. After connecting to your USB port, you should see a notification on your computer advising "New Hardware Found" and the "Add New Hardware Wizard" will activate. Follow the on-screen instructions. Note: the screenshots below may vary slightly from those on your computer.



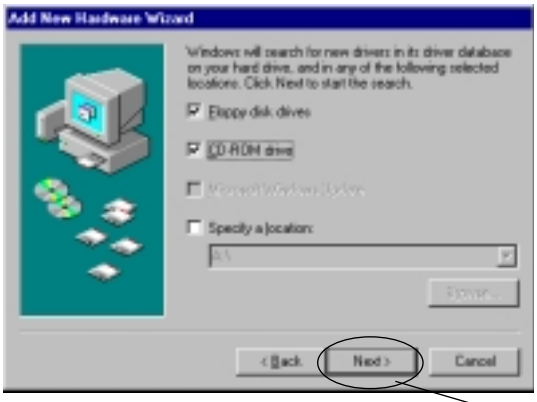
*Click **Next**.*

1. Click "Next" as shown on left.



*Click **Next**.*

2. Select "Search for the best driver..." then click next.

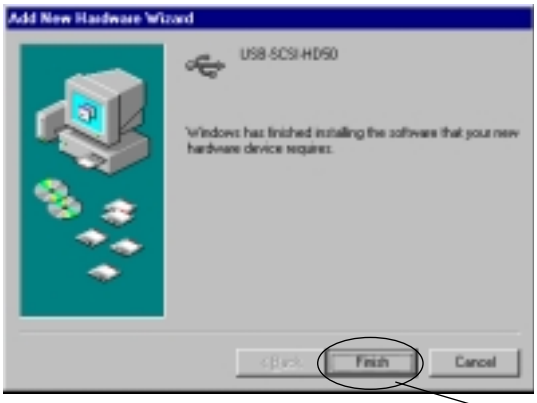


*Click **Next**.*

3. Set the "New Hardware Wizard" to search your CD drive for drivers. Insert the Microtech Installer CD. Click next.

*Click **Next**.*

4. Click "Next" to install the driver.



*Click **Finish**.*

5. Click "Finish". Installation is now complete.

Using the USB XpressSCSI

The USB Xpress SCSI is hot-pluggable on the Windows 98 operating environment, meaning that you can connect and disconnect the cable from your computer without having to shutdown. However, you must be sure that none of the devices are being accessed before you remove the cable from the PC. Attempting to do so while devices are being accessed may result in data loss or damage.

USER'S MANUAL

USB XpressSCSI

4 TROUBLESHOOTING

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MICROTECH

Solutions to Common Problems

If you are experiencing problems regarding your USB XpressSCSI refer to the questions below for a possible solution. Additionally up to the minute tips and solutions can also be found on our web site: **www.microtechint.com**. If the problem persists after trying the solutions provided below and on our web site, please contact our technical support department.

I have a USB-based peripheral and would like to connect it to the DB25 SCSI connector on the back of my older Macintosh. Will the USB XpressSCSI adapter work in this fashion?

A: The USB XpressSCSI Adapter is a connectivity solution that allows for a SCSI-based peripheral to be connected to a USB port on a host or hub. The USB XpressSCSI Adapter does not permit the use of USB devices on an older SCSI-based Macintosh.

What SCSI-based products are compatible with the USB XpressSCSI? Are all SCSI devices supported? Will I need a firmware upgrade to support these and other types of SCSI products in the future?

A. The USB XpressSCSI is compatible with a variety of SCSI devices which comply to the industry SCSI standard (ANSI X3.131-1986 SCSI Standard). The USB XpressSCSI works with removable media and fixed storage devices, (such as SyQuest, Zip, Jaz, Magneto Optical, hard drives, CD and CD recorders/re-writables), and a variety of scanners and other devices. However some devices which use proprietary SCSI controllers/connectors (certain scanners, and other devices) may not be compatible initially and may require updated drivers in the future or may not be compatible. You will not need to upgrade the firmware on your USB XpressSCSI to support other types of devices, compatibility is augmented via simple software updates. Check our web site periodically for device and driver compatibility updates.

What should I do if my computer warns that I need software to run a particular device?

A. Unplug the USB XpressSCSI. Install the drivers for the particular device. Re-connect the USB XpressSCSI. If this does not work contact Microtech Technical Support.

How many SCSI devices can I connect to the USB XpressSCSI Adapter?

A: You can connect up to 7 SCSI devices to the USB XpressSCSI.

The SCSI connector on my USB XpressSCSI does not appear to be the same as on my SCSI device(s) — how do I connect them?

A. The SCSI connector on your USB XpressSCSI model may or may not be the appropriate SCSI connector to use in your system configuration (depending on the SCSI connection required for your hardware set up and the USB XpressSCSI model you purchased). You may need to obtain an adapter to properly connect the USB XpressSCSI to your SCSI device(s). You may also need to acquire additional SCSI cables if you would like to attach additional SCSI devices. Some of your existing SCSI devices may have already included SCSI cables which may be appropriate to use. For more information contact the manufacturer of your SCSI device(s), your local computer dealer, or Microtech's Technical Support Department.

What are the main functions of the LED indicator on the USB XpressSCSI?

A. The LED is used to indicate the operating status of the USB XpressSCSI. The LED is powered from termination power in a SCSI connection rather than from the USB bus. When the LED is not lit it can be an indication that there is either a lack of termination power or an improper SCSI connection. The LED will also flash on and off to indicate that the USB XpressSCSI is being accessed/used by a connected SCSI device.

Contacting Microtech Technical Support

The USB XpressSCSI is relatively easy to install and operate and normally should not produce many complications. However, if you need assistance or have questions of any kind, our trained staff members are ready to help. Our Technical Support and Customer Service Departments can be reached via e-mail at **tech@microtechint.com** or by calling **800-666-9689** or **203-483-9402** from 8:00 a.m. to 6:00 p.m. (EST), Monday through Friday. Helpful information can also be obtained 24 hours a day from our web site: **www.microtechint.com**.

Click here to visit Microtech Tech Support Online

Returning Products for Service

When calling for support, if a Technical Support specialist recommends that you return the product to Microtech, the Technical Support specialist will transfer you to Customer Service for a **Return Merchandise Authorization (RMA)** number. The RMA number **must** appear on the outside of your shipping carton. Any package that does not carry an RMA number will be refused by Microtech's Receiving Department.

Pack the USB XpressSCSI in its original box. Be certain that it fits snugly and is surrounded with the original packing material.

- Improper packing can result in damage to the device, and may result in voiding the warranty.
- Microtech will not accept an improperly packaged device.

You are responsible for paying the cost of shipping the device to Microtech; Microtech will pay the return shipping on any Warranty RMA. Be sure to include the RMA number on the outside of the box. Please ship the device to:

Microtech International, Inc.
242 Branford Road
North Branford, CT 06471-1303 USA

Technical Specifications

The Microtech USB XpressSCSI - USB to SCSI adapter is an intelligent cable that complies with the Universal Serial Bus Specification version 1.1. The Adapter comprises an intelligent 4 wire shielded USB High Speed cable with a USB Series A Connector molded into an embedded circuit board which has a SCSI Connector as output.. There are two varieties of the product. The USB-SCSI-HD50 has a 50 pin Micro-D SCSI-2 type connector while the USB-SCSI-DB25 uses a 25 pin D-Type output . The circuit board internal to the cable contains the EUSB chipset comprising the EUSB-01 which is a USB Serial Interface Engine and Microcontroller, the EUSB-S1 which is the SCSI Interface, and a 512Kb Prom which stores the Microcontroller firmware. The device is recognized by the host as a self-powered device receiving its +5v power from the Terminator Power line of the attached SCSI device.

USB

Complies with USB V1.1 Specifications.

UHCI and OHCI host implementations supported.

Certified by the USB Implementers Forum for Windows 98.

Control, Bulk, Isochronous and Interrupt transfers supported.

Suspend-Resume not currently supported.

Electrical

Power dissipation 1.25 watts typical (250mA@5v).

Self powered device (power is taken from the attached device not the Bus)

DC Supply voltage +5vdc + / - 10%. Ripple Voltage 100mV p-p (1-2 MHz).

Temperature

Operating: 0°C to 70°C

Storage: 40°C to +125°C

Physical

Dimensions 100mm (connector to base of cable) x 65mm (at widest point) x 18mm max depth. + / - 3% Tolerance. Refer to diagram in section 1-Overview.

Weight 110 grams

Reliability

10,000 SCSI attachments and disconnections.

Connectors

HD50 Connector-SCSI Side 1.27Mm pitch 50 pin Micro-D plug.
DB25 Connector IEEE 1284-A Receptacle.
USB Side. High Speed compliant Series A.

Compatibility

Any USB Specification 1.1 compliant host.
UHCI and OHCI host implementations supported.
Complies with ANSI X3.131-1986 SCSI Standard.

Cable

Length 1 meter + / - 10% . Shielded Twisted Pair for signal wires.
Input Impedance 90 Ohms + / -15%.
Power and ground wires 20AWG. Signal wires 28AWG.

Performance

Up to 800-900KB/s	Sustained transfer in Read Mode
Up to 650-750KB/s	Sustained in Write Mode

Agency Approvals

VCCI:1997 compliant
AS/NZS 3548,
FCC Part 15, Subpart B, Class B Personal Computer Peripheral
EN 50081-1 Emissions
EN 50082-1 Immunity
All components UL and CE compliant

MICROTECH LIMITED WARRANTY

Microtech's warranty obligations are limited to the terms set forth below:

Microtech International, Inc., ("Microtech") warrants this product against defects in material and workmanship for the period of two (2) years. The warranty period begins with the date of original retail purchase.

This limited warranty is made only to the original end user purchaser ("you") of the product and does not extend to any subsequent purchasers or owners of the product. The "original end user" is the first user to put the product into service in any fashion, but the term "original end user" shall exclude dealers. Dealers shall not be entitled to the benefits of the limited warranty.

It is your responsibility to establish the warranty period by verifying the original purchase date. Accordingly, to avoid dispute, you should register online or return the warranty card to Microtech within ninety (90) days after the date of purchase.

If you discover a defect, Microtech will, at its option, repair or replace this product with a new or reconditioned product at no charge to you, provided you return it during the warranty period, with transportation charges prepaid, to Microtech. (You can obtain additional information by contacting Microtech at the address printed on the certificate.) To each product returned for warranty service, please attach your name, address, telephone number, and a copy of the bill of sale bearing the appropriate Microtech serial numbers as proof of date of original retail purchase, as well as a detailed description of the problem for which service is requested. Prior to returning the product, you must obtain from Microtech a Return Merchandise Authorization Number (RMA#). You are responsible for packaging the product to be returned, and should take care that the product is packed in its original packaging. If the repairs are covered by the Limited Warranty and if the product was properly shipped to Microtech, Microtech will pay the return shipping charges.

This warranty applies only to hardware products manufactured by Microtech that can be identified by the "Microtech" trademark, trade name, or logo affixed to them. This warranty does not cover: damage resulting from accident, misuse, abuse, or neglect and/or damage during any type of transportation resulting from improper packaging; damage to any product which has been altered in any fashion, including the alteration or removal of any Microtech serial number; damage resulting from causes other than product defects, including and not by way of limitation, lack of technical skill, competence, or experience of the user, and/or failure to use the product in accordance with the instructions provided in the User's Manual; and service performed by an unauthorized person or entity.

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Microtech shall not be responsible for any damages caused by the presence of error or omission in any so-called "foreign language version" of its manuals, instructions or related materials.

Microtech International, Inc. — 242 Branford Road — North Branford, CT 06471 USA — 203-483-9402

CONTACTING

Microtech International

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Microtech International based in North Branford, Connecticut (USA) has been manufacturing quality memory and computer peripheral products since 1985.

Since then we have grown to include offices in California and Japan. Microtech is well known throughout the world for its innovative products and exceptional customer service, and boasts the largest installed base of satisfied storage and memory customers in the Macintosh arena.

Microtech International is a majority owned subsidiary of ADO Electronic Industrial CO., LTD., a Tokyo-based public company. Microtech is open Monday through Friday from 8:00a.m. to 6:00p.m. (US. Eastern Standard).

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