

USB 2.0 to IDE or SATA Adapter Cable

USB2SATAIDE

Rev 1



*actual product may vary from photos

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FCC Compliance Statement

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 instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television 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 the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Table of Contents

Introduction	1
Package Contents	1
System Requirements.....	1
Hard Drive Adapter.....	2
Power Adapter	2
Installation	3
Hardware Installation	3
Driver Installation.....	6
Specifications	7
Technical Support	8
Warranty Information	8

Introduction

You can use the USB2SATAIDE to copy, back up, or transfer large amounts of data from one drive to another, while taking advantage of the convenient Plug and Play design. Plus, this product offers a convenient way to externally test hard drives for function.

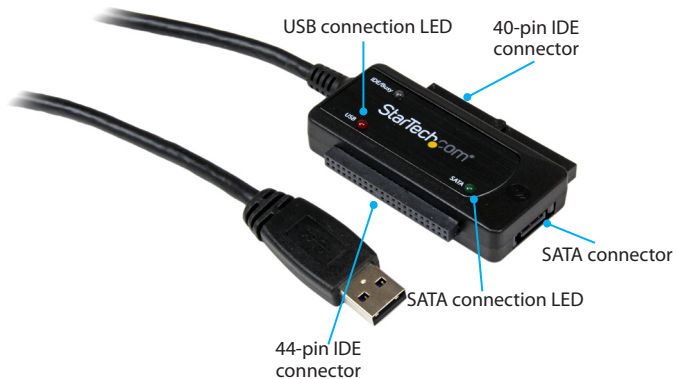
Package Contents

- 1 x USB 2.0 to SATA/IDE converter
- 1 x SATA data cable
- 1 x power adapter breakout cable
- 1 x universal power adapter (NA/JP, UK, EU, AU)
- 1 x instruction manual

System Requirements

- Available USB 2.0 port
- Available AC electrical outlet
- Microsoft® Windows® 2000/XP/Server 2003/Vista/Server 2008 R2/7 (32/64-bit), or Apple® Mac® OS 9.x/10, or Linux®

Hard Drive Adapter



Installation



WARNING:

- Do not disconnect any cables or power sources while the connected hard drive(s) is/are active. This can result in data loss and possible damage to the hard drive. To avoid this, please follow the steps outlined in the section entitled Removing Connected Drives.
- Please ensure that the hard drive(s) has(have) been connected to the adapter prior to connecting the adapter to the host computer.

Hardware Installation

1. Connect the power adapter breakout cable to the drive.
2. Connect the power adapter to an available wall outlet or power bar.
3. Connect the universal power supply to the power adapter breakout cable.

Connect the Drive(s) to the Hard Drive Adapter



WARNING! Hard drives and storage enclosures require careful handling, especially when being transported. If you are not careful with your hard disk, lost data may result. Always handle your hard drive and storage device with caution. Be sure that you are properly grounded by wearing an anti-static strap when handling computer components or discharge yourself of any static electricity built-up by touching a large grounded metal surface (such as the computer case) for several seconds.

Please note that if you are using two IDE hard drives concurrently, one of the drives must be set to act as a Master drive and the other as slave. If you are using a 3.5" IDE drive and a SATA drive together, the IDE drive must be set to act as a Slave drive. For further information on this, please consult the documentation that accompanied the hard drive(s) at the time of purchase.

SATA Drive

1. Insert one connector provided by a SATA data cable into the SATA port on the Hard Drive Adapter.
2. Insert the remaining connector provided by the SATA data cable into the SATA data port on the SATA hard drive.



40/44-pin IDE Drive

1. Align the IDE drive interface on the hard drive with the appropriate port provided by the hard drive adapter.
2. Gently, but firmly insert the IDE Connector (provided by the adapter) into the port on the rear panel of the hard drive. Ensure the drive is connected snugly.



Connect the Drive(s) to the Power Adapter

SATA Drive

Insert the SATA power connector provided by the power adapter into the SATA power port on the rear panel of the SATA hard drive.

40-pin IDE Drive

Insert the LP4 power connector provided by the power adapter into the LP4 power port on the rear panel of the IDE hard drive.



Connect the Hard Drive Adapter to the Host Computer

1. Insert the USB connector into an available USB port on the host computer.
2. The operating system will detect the connected adapter, and prepare the drives for use. If a new/blank drive, it may need to be formatted before it can be used. Please consult the documentation for the operating system for details.

Removing Connected Drives

WARNING: Do not remove a connected hard drive while the drive is in use. To prevent data loss or damage to the drive(s), please follow the instructions below.

Removing a connected drive safely requires that the drive not be in use. To ensure that this is the case, you can remove the drive in one of the two following ways:

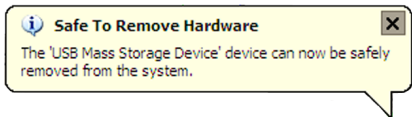
1. Click on the Safely Remove Hardware icon, in the taskbar, and select Safely Remove USB Mass Storage Device.



Safely remove USB Mass Storage Device

11:11 AM

2. Following this, you will be notified that it is safe to remove the USB Mass Storage device:



If you do not wish to use the Safely Remove Hardware Wizard:

1. Power down the host computer. Once the computer has been turned off, it is safe to remove the connected drive(s).

Driver Installation

No driver installation is required for the supported operating systems, as the drivers are already installed.

Specifications

Host Interface	USB 2.0
External Connectors	1 x 15 pin SATA Power female 1 x 4 pin Power (LP4) Female 1 x 40 pin IDE Female 1 x 44 pin IDE Female 1 x 7 pin SATA Data male 1 x USB type A male
LEDs	1 x USB Link 1 x IDE Detect/Activity 1 x SATA Detect/Activity
Maximum Data Transfer Rate	USB 2.0: 480Mbps
Power Adapter	12VDC, 2000mA
Compatible Operating Systems	Windows 2000/XP/Server 2003/Vista/ Server 2008 R2/7 (32/64-bit), Mac OS 9/10, Linux

Technical Support

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For the latest drivers/software, please visit www.startech.com/downloads

Warranty Information

This product is backed by a one year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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