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USB 3.0 to IDE / SATA II Hard Drive Enclosure

UNI3510BMU32

*actual product may vary from photos

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Manual Revision: 10/19/2015

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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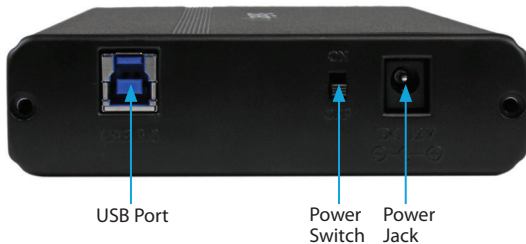
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Product Diagram
Front View

USB Port

Power
Switch

Power
Jack

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Introduction

Packaging Contents

- 1x SATA/IDE to USB 3.0 External HDD Enclosure
- 1x USB 3.0 Cable
- 1x SATA Adapter
- 1x IDE Adapter
- 1x IDE Cable
- 1x Mounting Screw Kit
- 1x AC Power Adapter
- 1x Instruction Manual
- 1x Hard Drive Stand

System Requirements

- Computer system with available USB 3.0 (5 Gbit/s) port or USB 2.0 port (480Mbps)
- 3.5" SATA or IDE hard drive
- Microsoft® Windows® 2000/XP/Server 2003/Vista/Server 2008 R2/7/8 (32/64-bit), or Apple® Mac® OS 9.x/10, or Linux®

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Hardware Installation

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 build-up by touching a large grounded metal surface (such as the computer case) for several seconds.

The UNI3510BMU32 allows for installation of both IDE and SATA 3.5" hard drives, using interchangeable IDE and SATA boards. Please follow the installation steps below for both types depending on which type you intend to install.
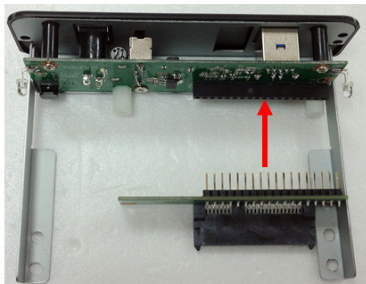
SATA Hard Drive

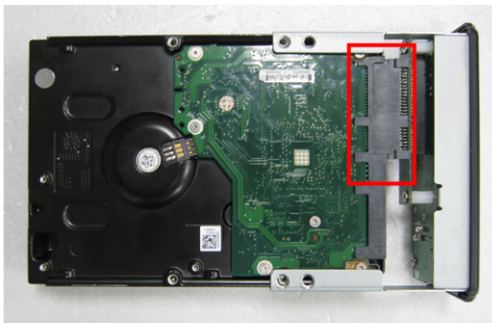1. Open the enclosure by sliding the Hard Drive Tray out of the Metal Enclosure.

2. **(Only required if the SATA board is not connected. If the SATA board is connected proceed to step 4)** Disconnect the IDE board by using a screw driver to remove the 2 visibal screws on the smaller board pictured below, and gently separate the boards from one another.

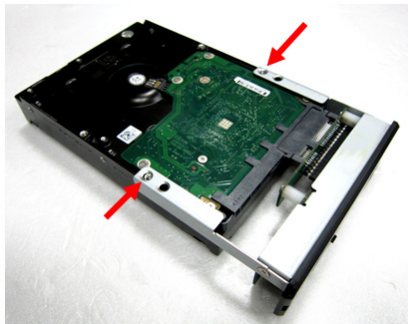StarTech.com

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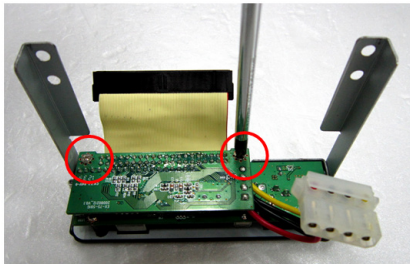
3. Connect the SATA board to the Hard Drive Tray by carefully sliding the male-18 pin parallel connector on the SATA board, into the female 18-pin reciprocal on the Hard Drive Tray, and replace the screws.

4. Connect the 3.5" SATA Hard Drive to the SATA connector on the Hard Drive Tray.

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5. Mount the Hard Drive to the Hard Drive Tray by inserting 2 of the included shorter flat screws into the bottom of the Hard Drive Tray. Fix them into place using a Screwdriver.

6. Slide the Hard Drive Tray back into the Metal Enclosure.

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7. Mount the Hard Drive Tray to the Metal Enclosure by inserting 2 of the included long screws into either side of the enclosure. Fix them into place using a Screw Driver.
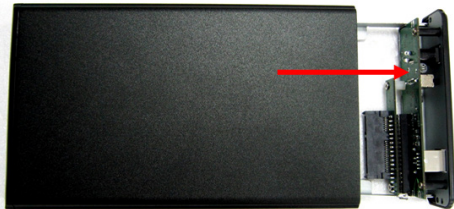

8. Mount the back of the enclosure by inserting 2 of the included shorter flat screws.

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IDE Hard Drive

1. Open the enclosure by sliding the Hard Drive Tray out of the Metal Enclosure.

2. **(Only required if the IDE board is not connected. If the IDE board is connected proceed to step 4)** Disconnect the SATA board by using a screw driver to remove the 2 visibal screws on the smaller board pictured below, and gently separate the boards from one another.

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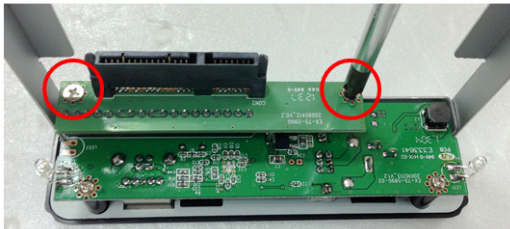
3. Connect the IDE board to the Hard Drive Tray by carefully sliding the male-18 pin parallel connector on the IDE board, into the female 18-pin reciprocal on the Hard Drive Tray, and replace the screws.
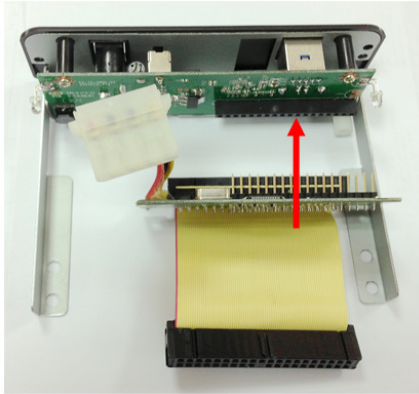
4. Connect the IDE cable, and the 4 pin Power cable from the Hard Drive tray to the the 3.5" IDE Hard Drive.
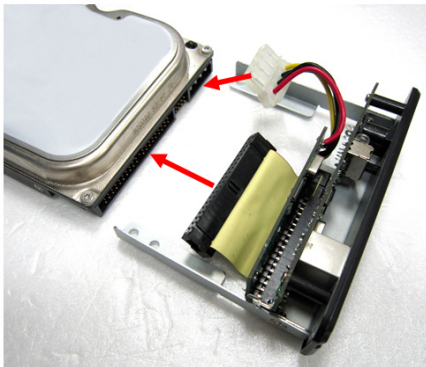
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5. Mount the Hard Drive to the Hard Drive Tray by inserting 2 of the included shorter flat screws into the bottom of the Hard Drive Tray. Fix them into place using a Screwdriver.
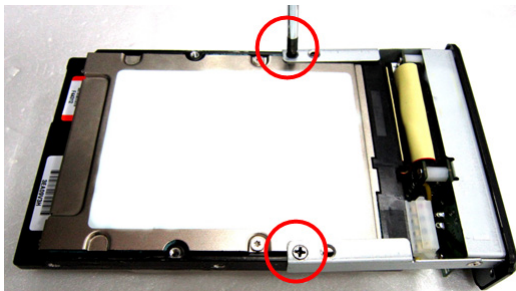
NOTE: Ensure the IDE cable is neatly tucked between the hard drive and tray. Lose cables may result in damage to the cables themselves.

6. Slide the Hard Drive Tray back into the Metal Enclosure.

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7. Mount the Hard Drive Tray to the Metal Enclosure by inserting 2 of the included long screws into either side of the enclosure. Fix them into place using a Screw Driver.

8. Mount the back of the enclosure by inserting 2 of the included shorter flat screws.

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Connecting Enclosure to Computer

1. When the enclosure has been fully assembled with either your IDE or SATA Hard Drive, connect the power adapter from an available AC outlet to then enclosure.

2. Connect the USB 3.0 cable from the enclosure to a USB port on the host computer system.

3. Slide the Power switch to the "on" position.

How to Use

Connecting the Hard Drive

Once the enclosure has been attached to a computer, and the enclosure has been recognized by the operating system, the drive will be accessible as though it were installed within the system.

Prior to using the drive, it will need to be formatted according to your operating system requirements. To format your newly attached hard drive, or create partitions, please consult the documentation that accompanied your operating system at the time of purchase.

LED Indicator

The hard drive enclosure offers an LED indicator, to enable you to monitor drive activity. When the enclosure is powered, the LED will illuminate. While the hard drive is being accessed, the LED will blink. Do not remove the enclosure from the host computer while the LED is flashing, as it could damage the drive or the enclosure, resulting in data loss.

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Disconnecting the Hard Drive

Windows

1. Select the "Safely remove Hardware and Eject Media" icon, located in the task bar.

2. Select the Mass Storage Device from the list that appears.

3. Wait for the message indicating that it is now safe to remove the device.

   NOTE: Removing the connected drive prior to receiving notification that it is safe to do so, could result in losing or corrupting data stored on the drive. Once the Safe to Remove Hardware message appears, please disconnect the enclosure from the computer by removing the USB connection.

Mac OS X

To safely disconnect the attached drive from the host computer, close any windows listing the contents of the removable drive. Once all windows are closed, click on the USB storage icon on the desktop, and drag it to the Trash Can icon on the desktop. Allow 5 seconds before physically removing the enclosure/drive from the computer.

Initializing the Hard Drive

1. If the SATA Hard Drive is blank it may need to be initialized and formatted before use. From the main Windows desktop, right-click on "My Computer" ("Computer" in Vista/ 7 / 8), then select Manage. In the new Computer Management window, select Disk Management from the left window panel.

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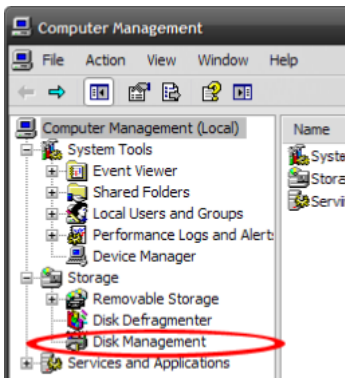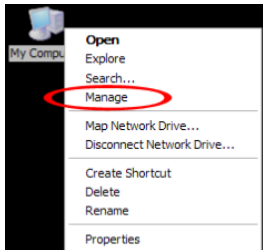
2. A dialog window should automatically appear, asking you to initialize the drive. Depending on the version of Windows, it will give you the option of either creating an "MBR" or "GPT" disk. GPT (GUID partition) is required for hard drives larger than 2TB but may not be compatible with some older operating systems. MBR is supported by newer and older operating systems.

3. Once initialized, locate the Disk that says it is "Unallocated" (check the listed hard drive capacity to confirm it's the correct hard drive) and then right-click in the section that says "Unallocated" and select "New Partition".

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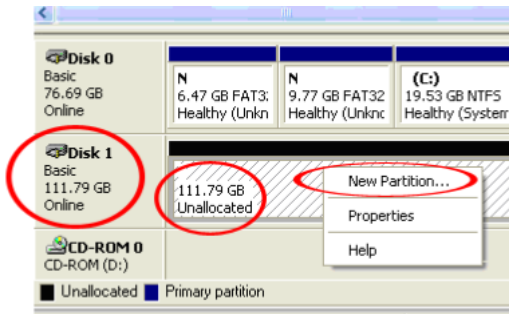
Specifications

Host Interface	USB 3.0 Type B
Internal Connectors	1 x 15 pin SATA Power female 1 x 7 pin SATA Data male 1 x 40-pin IDE DATA Female 1 X 4-pin LP4 Power
Maximum Data Transfer Rate	USB 3.0: 5 Gbit/s
Compatible Operating Systems	Windows 2000/XP/Server 2003/Vista/ Server 2008 R2/7/8 (32/64-bit), Mac OS 9/10, Linux

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Warranty Information

This product is backed by a two year warranty.

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