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USB 3.0/eSATA Dual 3.5" SATA HDD Enclosure

S3520BU33ER / S3520WU33ER

*actual product may vary from photos

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Manual Revision: 01/30/2017

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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Introduction

Packaging Contents

- 1 x USB 3.0/eSATA HDD RAID Enclosure
- 1 x USB 3.0 Cable
- 1 x eSATA Cable
- 1 x universal power adapter (NA/JP, EU, UK, ANZ)
- 1 x rubber foot set
- 1 x instruction manual

System Requirements

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

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Product Diagram

Front View
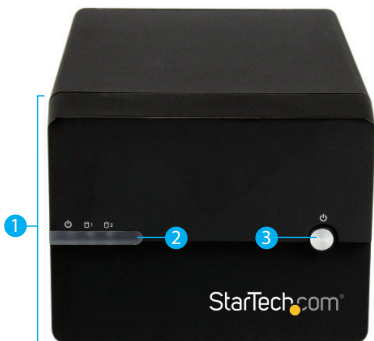
1. Front Panel
2. Drive Activity LEDs
3. Power Button

Rear View

1. eSATA Port
2. RAID Switch
3. Set RAID Button
4. USB 3.0 Port
5. Power Jack
6. Drive Fan

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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.

1. Using a Phillips® head screw driver (not included) remove the screw from the bottom of the enclosure.
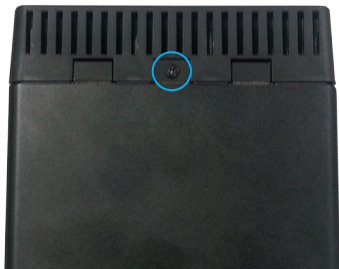
2. Slide the "front panel" upward toward the top of the enclosure.

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3. Lift the panel off to reveal the drive bays.

4. Slide each of your hard drives into the bay

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5. Place the front panel back on by placing it over the drive bay, and sliding it into place.

6. Replace the screw using the Phillips head screw driver.

7. (optional) If using eSATA, connect the the included eSATA cable from an available eSATA port on your computer system to the eSATA port on the enclosure.

8. (optional) If using USB, connect the the included USB 3.0 cable from an available USB port on your computer system to the USB 3.0 port on the enclosure.

9. Turn on the unit, by Pushing the Power button on the front panel.

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Configure RAID

RAID Modes

JBOD	JBOD
COMBINE	Span (Big)
MIRRORING	RAID1
STRIPING	RAID0

Set RAID

1. Turn off the unit, by Pushing the Power button on the front panel.
2. Set the RAID switch to the RAID mode of your choice.

3. Press and hold the "Set RAID button" as you power on the enclosure by pressing the "Power button".
4. Once the enclosure has turned on, release the "Set RAID button".
5. Your Desired RAID configuration is now set.

Note: When changing RAID configuraitons, follow the above steps to set the unit back to JBOD (JBOD), before setting to a different configuration.

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How to Use

Connecting the Hard Drive

Once the enclosure has been attached to a computer, and your RAID configuration has been set the drivers will install automatically, and the inserted drives will be accessible as though they were installed within the system.

Prior to using the drive array, it will need to be formatted according to your operating system requirements. Refer to Initializing the Hard Drive

LED Indicator

The hard drive enclosure offers LED indicators for each drive, so you can monitor drive activity. The LED will flash while the hard drive is being accessed. 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.

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.

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Initializing the Hard Drive

1. If the drive array is new 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.
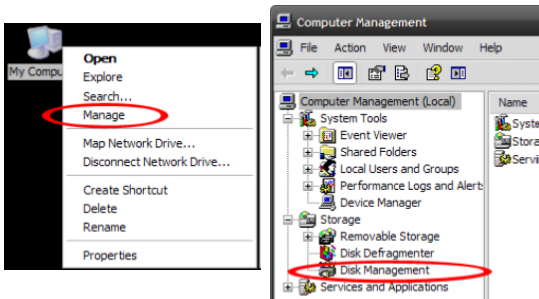
2. A dialog window should automatically appear, asking you to initialize the drive. Depending on the version of Windows, it will give you the option of either creating an "MBR" or "GPT" disk. GPT (GUID partition) is required for drives larger than 2TB but is not compatible with some older operating systems, while 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".
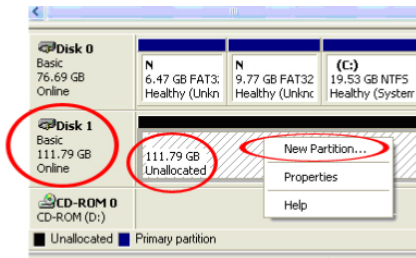
4. Several on screen prompts will follow walking you through the steps to create the partition. Follow these prompts to complete partition creation.

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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 two 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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