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USB 3.0/eSATA 1:1 SATA Duplicator Dock with UASP

SDOCK2U33RE



*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

Product Diagram 1

Front View 1

Rear View 2

Introduction 3

Packaging Contents 3

System Requirements 3

Installation 3

Docking Station Installation 3

Drive Installation 4

Drive Removal 4

Operation 5

Duplication Operation 5

Docking Station Operation 6

Drive Initialization 6

LED Indicators 7

Disconnecting the Hard Drive 7

Specifications 8

Technical Support 9

Warranty Information 9

Product Diagram

Front View



1. Power button and LED
2. PC/Copy Mode button and LED
3. Start Duplication button
4. HDD1/HDD2 Activity LED indicators
5. Duplication LED Progress bar
6. Hard drive #1 slot (Destination for Duplication)
7. Hard drive #2 slot (Source for Duplication)
8. Hard drive #1 eject button
9. Hard drive #2 eject button

Rear View



1. eSATA port
2. USB 3.0 port
3. Power adapter port

Introduction

Packaging Contents

- 1 x SATA HDD duplicator dock
- 1 x USB 3.0 cable
- 1 x eSATA cable
- 1 x universal power adapter (NA/JP, EU, UK, ANZ)
- 1 x instruction manual

System Requirements

- Computer system with available eSATA port or USB 3.0/2.0 port
- Up to two 2.5" or 3.5" SATA Hard Drives (HDD) or Solid State Drives (SSD)
- Microsoft® Windows® 2000/XP/Server 2003/Vista/Server 2008 R2/7/8/8.1 (32/64-bit), Apple® Mac® OS 9.x/10, Chrome OS or Linux®

Installation

WARNING! Hard drives and docking stations require careful handling. If you are not careful with your hard disk, lost data may result. Always handle your hard drive and docking station 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.

Docking Station Installation

1. Connect the Dock to an available power outlet, using the provided power adapter.
2. Connect the Dock to your computer system, using the provided USB/eSATA cable.

Drive Installation

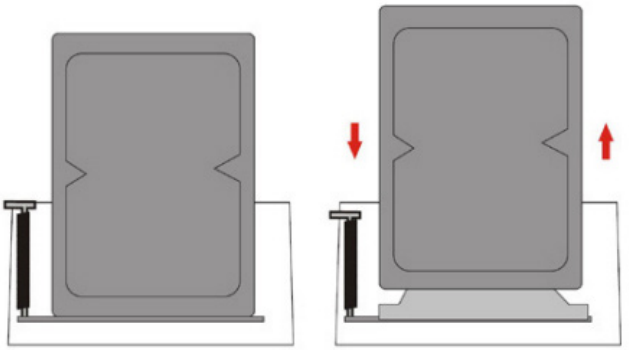
1. Carefully align and insert the 2.5" or 3.5" SATA drive(s) you wish to dock in the desired hard drive slot on the docking station, such that the SATA power and data connectors on the drive are properly aligned with the corresponding connectors inside the hard drive slot.
   Note: If connecting drives for duplication, the drive containing the DATA you intend to be copied, should be placed in the Source bay (Hard drive #2 slot). While the drive you intend to have the DATA copied to should be placed in the destination bay (Hard drive #1 slot).
2. Press the power button so the docking station is turned on.



Drive Removal

WARNING! Ensure your hard drive(s) has been disconnected from your computer operating system prior to attempting drive removal. Failure to properly disconnect your drive may result in lost data or drive damage. (See Disconnecting the Hard Drive in Docking Station Operation for further instructions.)

1. Turn off the docking station by pressing the power button and holding it for 3 seconds.
2. Press the eject button that corresponds with the drive you wish to remove.
3. Carefully grasp the ejected drive and lift it upwards until the bottom of the drive has completely risen above the hard drive slot.
4. Safely and carefully store your drive in a secure location. (See your hard drive manual for proper storage instructions.)



Note: We recommend ensuring the docking station is powered off before any drive is physically inserted or removed from the docking station. If two drives are docked simultaneously, and one drive is removed while the docking station is still powered on the other drive will momentarily disconnect from your computer which could cause drive damage or loss of data if other drive is still mounted.

Operation

Duplication Operation

1. Install your source and destination drives as per the Drive Installation steps.
   Note: The drive containing the DATA you intend to be copied, should be placed in the Source bay (Hard drive #2 slot). The drive you intend to have the DATA copied to, should be placed in the destination bay (Hard drive #1 slot).
2. Turn your docking station on.
3. Ensure the docking station is set to duplication mode by pressing the PC/Copy Mode button for 3 seconds until the mode LED is set to red.
   Note: It may take up to 10 seconds for each drive to be ready. Please wait for both the drive LEDs to become blue before continuing to step 4.
4. Press the Start button to begin duplication. The duplication LED progress bar will indicate how much of the duplication is complete. Once complete, the entire bar will be lit solid.

Docking Station Operation

1. Install your drives as per Drive Installation steps.

2. Turn your docking station on by pressing the power button and holding it for 3 seconds.

3. Ensure the docking station is set to PC mode by pressing the PC/Copy Mode button for 3 seconds until the mode LED is set to blue.

4. Once the drives have been installed and the docking station has been powered on, the computer Operating System will automatically recognize the drive(s) and it will be accessible as though it were installed in the system internally.

Note: If your computer fails to automatically recognize your drive it is likely your drive has not been initialized or formatted correctly. (See Drive Initialization below for further instructions.)

Drive Initialization

Prior to using your installed drive, it will need to be initialized and formatted to the operating system requirements in order for your computer system to recognize it.

1. From the main Windows desktop, right-click on "My Computer" ("Computer" in Vista/ 7 / 8/ 8.1), then select Manage. In the new Computer Management window, select Disk Management from the left window panel.
2. A dialog window will 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.
   Note: GPT (GUID partition) is required for drives larger that 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. Follow the on screen prompts to initialize the drive in the format of your choice.

LED Indicators

State	Power LED	PC/DUP LED	Source (HDD2) LED		Target (HDD1) LED	
			Blue LED	RED LED	Blue LED	RED LED
PC Mode; Powered and Ready	Solid Blue	Solid Blue	On	Off	On	Off
PC Mode: Activity on HDDs	Solid Blue	Solid Blue	On	Flashing	On	Flashing
Duplication Mode; Ready	Solid Blue	Solid RED	On	Off	On	Off
Duplication Mode; Start Duplication	Solid Blue	Solid RED	On	Flashing	On	Flashing
Duplication Mode; Read Error	Solid Blue	Solid RED	On	No change	On	No change
Duplication Mode; Write Error	Solid Blue	Solid RED	On	No change	On	No change
Duplication Mode; Target too small	Solid Blue	Solid RED	On	Off	On	Flashing

The Drive Power/Activity indicators enable you to monitor drive activity. When the docking station is powered on, the LED will illuminate. While the hard drive is being accessed, the LED will blink. Do not remove your drive from the docking station while the LED is flashing, as it could damage to your drive, 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 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 remove the drive from the docking station. (See Drive Removal.)

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 drive from the docking station.

Specifications

Host Interface	USB 3.0 eSATA
External Connectors	1 x USB 3.0 B female 1 x eSATA female
Internal Connectors	2 x SATA DATA (7 pin) + Power (15 pin) reciprocal
Maximum Data Transfer Rate	USB 3.0: 5 Gbit/s eSATA: 6Gbit/s
Compatible Operating Systems	Windows 2000/XP/Server 2003/Vista/ Server 2008 R2/7/8/8.1 (32/64-bit), Mac OS 9/10, Linux, Chrome OS

Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit **www.startech.com/support** and access our comprehensive selection of online tools, documentation, and downloads.

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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