

# SATDOCK22RE

## Instruction Manual

# Serial ATA Hard Drive Dock

**USB 2.0 and eSATA to SATA  
Standalone Hard Drive  
Duplicator Dock**

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Manual Revision:

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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

The SATDOCK22RE Dual Drive SATA Hard Drive Duplicator functions as both an external SATA hard drive docking station for 2.5" or 3.5" SATA 1.5/3.0 Gbps compatible hard drives and a convenient standalone hard drive imaging solution, delivering an exact 1 to 1 sector disk copy.

## Packaging Contents

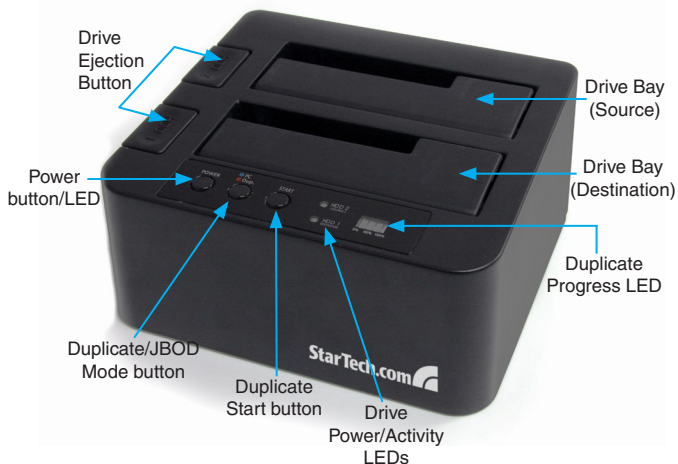
- 1 x SATDOCK22RE hard drive dock
- 1 x Universal Power Adapter
- 3 x Power Cord (NA, GB, EU)
- 1 x USB type A-B cable
- 1 x eSATA cable
- 1 x Instruction Manual

## System Requirements

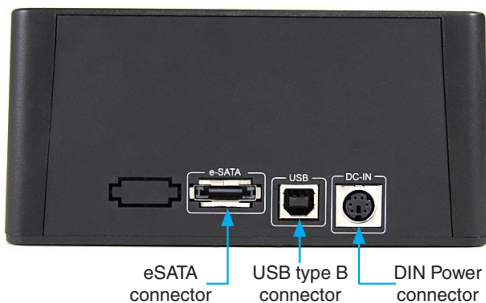
- Available USB 2.0 port and/or eSATA port  
**NOTE:** eSATA port must support Port Multiplier technology
- Available AC Power Outlet
- Microsoft® Windows® 2000/XP/Server 2003/Vista/Server 2008 R2/7 (32/64-bit) or Apple® Mac OS® X or Linux®

# Installation

## Top View



## Rear View



\*actual product may vary from photos

## Hardware Installation

### JBOD (PC) Mode

1. Connect the external power adapter to the hard drive dock.
2. Install 1 or 2 hard drives into the dock in either drive bay.
3. Power on the hard drive dock by pressing the power button.
4. The Mode button LED should be blue to indicate JBOD mode.  
Press and hold the Mode button for 3 seconds to switch modes if necessary.
5. Connect the USB or eSATA cable from the hard drive dock to the computer system.

**NOTE:** If using eSATA, the port on the computer system must support Port Multiplier technology for both drives to be visible.

6. The operating system should now detect the hard drive(s) and make them available. The hard drives may need to be partitioned/formatted using a disk management utility before you can access them.

### Duplicator Mode

1. Connect the external power adapter to the hard drive dock.
2. Install 2 hard drives into the dock. Make sure to place the drive with the data you want copied (Source) into the “Source” bay. The disk to receive the data (Destination) should be equal or larger in capacity than the source disk.
3. Power on the hard drive dock by pressing the power button.
4. The Mode button LED should be red to indicate Duplicator Mode.  
Press and hold the Mode button for 3 seconds to switch modes if necessary.
5. Once both drives are installed, press the Start button to begin duplication. The progress bar will indicate how much of the duplication is complete. Once complete, the entire bar will be lit solid.

## Driver Installation

### Windows 2000/XP/Vista/Server 2008 R2/7, Mac OS X, Linux

No driver installation is required for these operating systems, as this hard drive dock is natively supported, so the drivers are already installed.

## How to Use

### LED Status

Name	State	Description
Drive Power/Activity	Blue	Drive detected
	Red	No drive detected
	Flashing	Drive activity
Power	Off	Hard drive dock is powered off
	On	Hard drive dock is powered on
Mode	Blue	JBOD (PC) mode
	Red	Duplicate mode

# Specifications

<b>Bus Interface</b>	USB 2.0 SATA 3.0Gb/s
<b>External Connectors</b>	1 x USB type B 1 x eSATA female* 1 x DIN power connector
<b>Chipset</b>	JMicron JMB352U
<b>Hard Drive Bays</b>	2
<b>LEDs</b>	1 x Power 1 x Mode 2 x Drive Power/Activity 1 x Duplication progress bar
<b>Hard Drive Compatibility</b>	2.5" and 3.5" SATA 1.5 and 3Gb/s up to 2TB in capacity
<b>Maximum Data Transfer Rate</b>	<b>USB 2.0:</b> 480Mb/s <b>eSATA:</b> 3.0Gb/s
<b>Duplication Rate</b>	72MB/s
<b>Dimensions</b>	147.0mm x 132.0mm x 70.0mm
<b>Weight</b>	547g
<b>Compatible Operating Systems</b>	Windows 2000/XP/Server 2003/ Vista/Server 2008 R2/7 (32/64-bit), Mac OS X, Linux

\* eSATA host controller must support Port Multiplier technology



## Technical Support

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## Warranty Information

This product is backed by a one year warranty.

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