SATDOCK22R

Instruction Manual

Serial ATA Hard Drive Dock

USB to SATA External Dual Hard Drive Dock with Stand Alone Duplicator

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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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Introduction

The SATDOCK22R 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 hard drives and a convenient standalone hard drive imaging solution, delivering an exact 1 to 1 disk copy.

Packaging Contents

- 1 x SATDOCK22R hard drive dock
- 1 x Power Adapter with US, UK, EU power cords
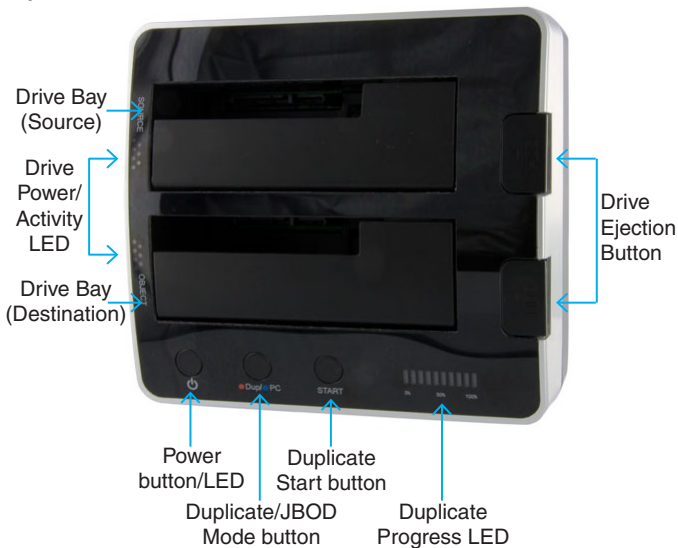- 1 x USB type A-B cable
- 1 x Instruction Manual

System Requirements

- Available USB 2.0 port
- Available AC Power Outlet
- Microsoft Windows® 2000/XP/Server 2003/Vista, Mac OS® X or Linux®

Installation

Top View
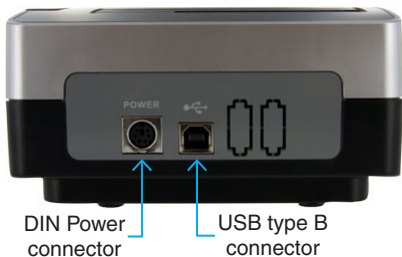
Drive Bay (Source)

Drive Power/ Activity LED

Drive Bay (Destination)

Drive Ejection Button

Power button/LED

Duplicate Start button

Duplicate/JBOD Mode button

Duplicate Progress LED

Rear View

DIN Power connector

USB type B connector

Hardware Installation

JBOD 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. The Mode button LED should be blue to indicate JBOD mode. Press and hold the Mode button for 3 seconds to switch modes.

4. Connect the USB cable from the hard drive dock to the computer system.

5. 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 destination disk (Destination) should be equal or larger in capacity than the source disk.

3. The Mode button LED should be red to indicate Duplicator Mode. Press and hold the Mode button for 3 seconds to switch modes.

4. Once both drives are installed, press the Start button to begin duplication.

Driver Installation

Windows 2000/XP/Vista, Mac OS X, Linux kernel

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
PWR	Off	Hard drive dock is powered off
	On	Hard drive dock is powered on
Mode	Blue	JBOD mode
	Red	Duplicate mode

Buzzer Status

Mode	Status	Description
JBOD	Twice per second, every 8 seconds	Drive is removed while powered up. No drives present.
Duplicate	Long beep per second, 3 times	Drive detection failure.
Duplicate	Twice per second, for 6 seconds	Drive duplication successfully completed.
Duplicate	Long and short beep	Drive duplication error.

Specifications

Bus Interface	USB 2.0
External Connectors	1 x USB type B
	1 x DIN power connector
Chipset	Acard ARC286
Hard Drive Bays	2
LEDs	1 x Power
	1 x Mode
	1 x Duplicate progress bar
Hard Drive Compatibility	2.5" and 3.5" SATA 1.5 and 3Gb/s up to 1.5TB in capacity
Maximum Data Transfer Rate	480Mb/s
Duplication Rate	72MB/s
Dimensions	144.8mm x 133.6mm x 75.3mm
Weight	550g
Compatible Operating Systems	Windows 2000/XP/Server 2003/ Vista, Mac OS X, Linux

Technical Support

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