Serial ATA Hard Drive Dock

USB to SATA External Dual Hard Drive Dock with Stand Alone Duplicator
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)
Power button/LED
Duplicate Start button
Duplicate/JBOD Mode button
Duplicate Progress LED
Drive Ejection Button

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

<table>
<thead>
<tr>
<th>Name</th>
<th>State</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive Power/Activity</td>
<td>Blue</td>
<td>Drive detected</td>
</tr>
<tr>
<td></td>
<td>Red</td>
<td>No drive detected</td>
</tr>
<tr>
<td></td>
<td>Flashing</td>
<td>Drive activity</td>
</tr>
<tr>
<td>PWR</td>
<td>Off</td>
<td>Hard drive dock is powered off</td>
</tr>
<tr>
<td></td>
<td>On</td>
<td>Hard drive dock is powered on</td>
</tr>
<tr>
<td>Mode</td>
<td>Blue</td>
<td>JBOD mode</td>
</tr>
<tr>
<td></td>
<td>Red</td>
<td>Duplicate mode</td>
</tr>
</tbody>
</table>

## Buzzer Status

<table>
<thead>
<tr>
<th>Mode</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>JBOD</td>
<td>Twice per second, every 8 seconds</td>
<td>Drive is removed while powered up. No drives present.</td>
</tr>
<tr>
<td>Duplicate</td>
<td>Long beep per second, 3 times</td>
<td>Drive detection failure.</td>
</tr>
<tr>
<td>Duplicate</td>
<td>Twice per second, for 6 seconds</td>
<td>Drive duplication successfully completed.</td>
</tr>
<tr>
<td>Duplicate</td>
<td>Long and short beep</td>
<td>Drive duplication error.</td>
</tr>
</tbody>
</table>
## Specifications

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

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Warranty Information

This product is backed by a one year warranty.

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