

1. Kit Includes



ezRAID4

USB 2.0 Cable

FireWire 800 Cable

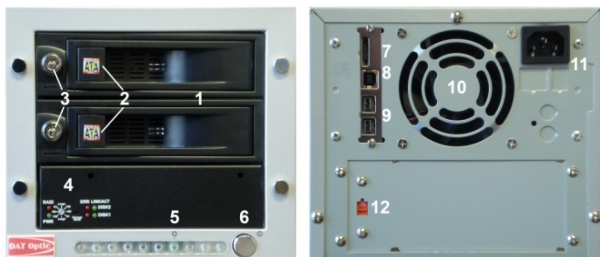
eSATA Cable

PCI SATA Bracket & Internal SATA Cable

Power Cord

User's Manual

2. Overview



1. Trayless Mobile Racks
2. Tray Latches
3. Tray Locks
4. Rotary Dial Control Panel and LEDs
5. Power LED
6. Power Button
7. eSATA Connector
8. USB 2.0 Connector
9. FireWire 800 Connectors
10. 3" Cooling Fan
11. Power Connector
12. 115/230 Voltage Switch

LEDs Description

LINK/ACT

On: HDDS is connected
Off: HDD is not connected
Flash: Access HDD

ERR LINK/ACT



ERR

On: HDD error
Off: HDD is working properly
Blinking: HDD is rebuilding

RAID

On: RAID volume error
Off: RAID is working properly
Blinking: RAID 1 is rebuilding

RAID



PWR

PWR

On: Power is on
Off: Power is off

4. HW RAID Configuration

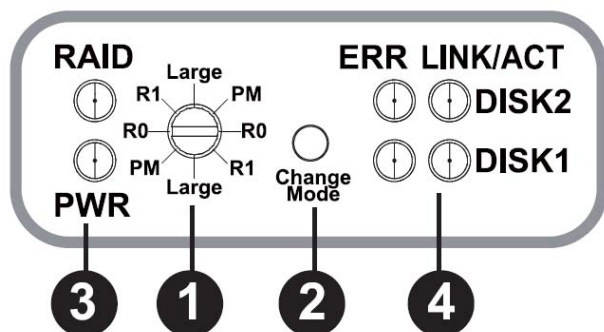
Configure the storage policy:

To configure the storage policy, set the rotary switch to the desired position and keep press the recessed "Change Mode" button and turn on the power to create the new virtual volume.

Change the storage policy:

To change the storage policy, set the rotary switch to PM (Port Multiplier) position and keep press the recessed Change Mode Button and turn on the power to delete the old virtual volume. Turn off the power and proceed the "Configure the storage policy" again.

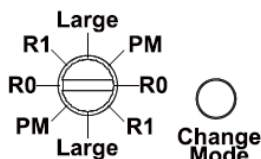
3. Rotary switch, Change mode button and LEDs



1. RAID Rotary Switch
2. Change Mode Button
3. Power & RAID Status LEDs
4. Device Status LED

Rotary Switch & Change Mode Button

- Large : Large (Big drive)
- R0: RAID 0 (Stripping)
- R1: RAID 1 (Mirroring)
- PM: Port Multiplier



5. HW RAID Manager Utility

Note: Using HW RAID Manager Utility to configure the storage policy

To configure the storage policy, run HW RAID Manager software and select "Basic RAID Configuration" of "Basic Mode". And then choice RAID level and click on "Apply" button.



ezRAID4

Installation Guide

RAID 1 initialization

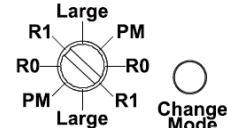
The system will write RIB into both HDD.

Pre-Requisites for Disk-Mirroring

- Although it is preferable that drives share the same manufacturer and model type, it is not mandatory.
- "Target Drive" must be equal or bigger capacity than the "Source Drive".

Note: RIB =RAID Information Block.

1. To install two HDDs (Please refer to Installing HDDs)
2. To set the rotary switch to the "R1" position and keep press the recessed "Change Mode" button and turn on the power.



3. The two HDDs will be initialized as a RAID 1 pair.

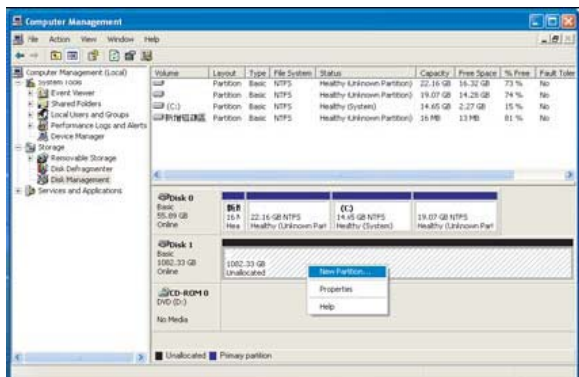
Note: Any data on the HDDs will be lost.

Formatting hard disk

To partition and format a disk, connect the iMirror525A to the host through SATA port and perform one of the following.

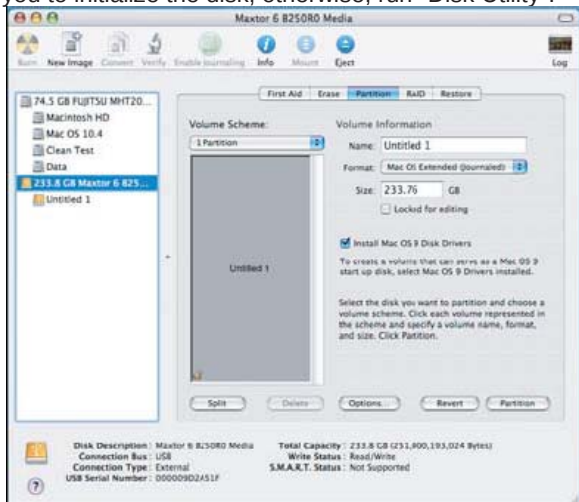
Windows XP

right-click "My Computer"
click "Manage"
click "Disk Management"
the disk appears in the lower right-hand corner.
See the Windows help for further guidance.



Mac OS X

When you connect the disk, the operating system should prompt you to initialize the disk; otherwise, run "Disk Utility".



Note: We recommend that you use a journaled file system, such as NTFS or journaled MacFS.

Managing Disk Failures

When one Hard Disk Drive is broken-down, the Error indicator LED will turn on, you may know which HDD is broken down. (Please refer to LEDs Description).

To replace the disk, unmount it from the host (for Windows systems, use safe removal; for Mac OS, use eject), disconnect the host connection and power off.

Windows (safe removal)



Mac OS (safe removal)

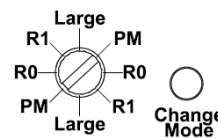


Replace the failing disk with one of equal or large capacity and power on again.

The "Auto-Rebuild" function will copy the content of the "Source Drive" into the "Target Drive" automatically. When "Auto-Rebuild" is completed, the indicator LEDs will return to normal status.

Change the RAID Mode

1. To change the storage policy, set the rotary switch to PM (Port Multiplier) position and press the recessed "Change Mode" button and turn on the power to delete the old virtual volume. Turn off the power.



2. To configure the storage policy, set the rotary switch to the desired position and keep press the recessed "Change Mode" button and turn on the power to create the new virtual volume.

Note: Press the recessed "Change Mode" button for about 3 ~ 5 seconds after power on.

For support call 714 558 1808 or email www.datoptic.com
You can also log in to our Forum to get / post tech