



User Guide



RAID Tower IX (RT93SDEU3)

www.addonics.com

Technical Support

If you need any assistance to get your unit functioning properly, please have your product information ready and contact Addonics Technical Support at:

Hours: 8:30 am - 6:00 pm PST

Phone: 408-453-6212

Email: <http://www.addonics.com/support/query/>

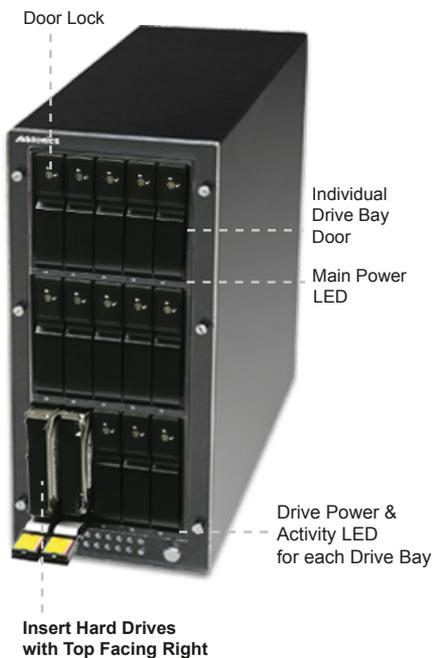
Installing drives into the RAID Tower IX

1. Be sure the lock on each drive door is in an unlock position. If not, use the key that comes with the Disk Array to unlock the drive door. Pull on the door lever to swing open the drive door all the way.

2. Slide a 3.5" SATA hard drive into the drive slot with the drive connector side facing in. Be sure to orient the hard drive correctly as shown in the yellow label on the inside of the drive door – with drive door swing open at the bottom, the top of the hard drive should face to the right. **The drive should slide all the way into the slot with very little resistance. Forcing the drive into the slot will cause drive damage or permanent damage to the Disk Array.**

3. Once the drive is all the way into the drive slot, close the door all the way till the drive door latch securely. This will engage power and data connection with the hard drive. The LED lit for the drive slot should lit if the Disk Array already powered on. You may lock the drive door with the key

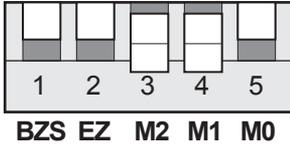
4. To remove the hard drive from the Disk Array, simply follow the step 2 – 3 in reverse.



RAID Setting Notes:

RAID 1& RAID 10 Mode

SW1

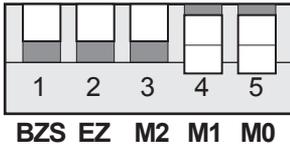


When 2 drives are connected to the HPM-XU, and DIP switch is set to this setting, the 2 drives will be configured as a 2-drive RAID1 array.

When 4 drives are connected to the HPM-XU, the 4 drives will be configured as a 4-drive RAID10 array.

Clone Mode

SW1



Clone's action is similar to RAID1. However, all of the hard drives will be mirrored. Clone mode is useful especially when users like to copy data from a source hard drive to the drives connected to the HPM-XU.

- f. Press the RAID setting button with a ball point pen.
- g. While pressing the RAID setting button turn on the system power where the HPM is connected. The buzzer will sound while holding the RAID setting button. Release it after at least 5 seconds for hardware initialization. A single beep will be heard to indicate initialization is completed.
- h. Verify if the RAID array is detected by the system.
- i. If the 5-port HPM-XU is connected to the motherboard onboard SATA, on the CMOS setup utility, the raid array will display as "Addonics H/W RAID5" if setup as a RAID5 array.
- j. If the 5-port HPM-XU is connected to an eSATA host controller card, on the RAID BIOS, the raid array will display as "Addonics H/W RAID0" if setup as a RAID0 array.
- k. If booted into Windows, in Disk Drives under Device Manager, the raid array will display as "Addonics H/W LARGE" if setup as a LARGE array.
- l. Once raid array is verified, you can set the buzzer either ON or OFF.

Notes on Spare Drives using the Easy RAID Setting (EZ)

When EZ function is ENABLED, the auto-rebuilding to spare drive is automatic. The degraded RAID group will start rebuilding automatically by using the existing spare drive.

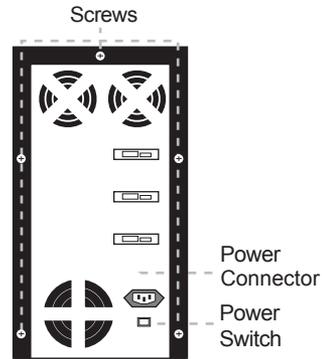
* Spare drive can be either plugged after RAID building or a new drive can be plug as the spare drive when RAID rebuild is required.

When will rebuild action start?

- When the raid fails and EZ is enabled, the HPM-XU will automatically rebuild the RAID group using the spare.
- When the raid fails and EZ is disabled, the HPM-XU will NOT rebuild the raid group unless you install a good drive to replace the failed drive.

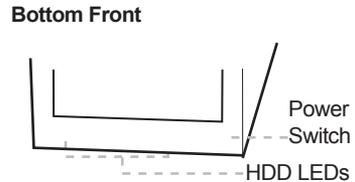
Connecting the Power Cable and RAID Tower to the Computer

- Connect the power cord provided from the wall outlet to the back of the tower.
- Make sure the power is off (power LED light should be off).
- Connect each of the Port Multipliers to the computer using either a USB 3.0 or eSATA cable.



Power on/off control

- A main power switch is located at the back of the tower. Turn the switch on. Another auxiliary switch is located on the front of the tower.
- Make sure the power is off on the auxiliary switch (power LED light should be off).
- Power on the tower.



CONTACT US

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