

MediaBank HS-R

Hot Swap IEEE1394 Raid 1 Drive Case

MediaBank HS-R is Miglia's latest creation in the FireWire storage domain. HS-R stands for Hot Swap Raid, a new concept in FireWire storage. Featuring two easily removable hard drive trays and hardware support for Raid 1 (mirroring), HS-R is the most secure FireWire storage solution available today.

Data is written to two hard drives simultaneously, preventing total data loss if a drive were to fail. Hardware support for mirroring removes potential software conflicts and guarantees a faultless and automatic backup of your vital data.

MediaBank HS-R ships with a spare hard drive tray, allowing you to keep an offline backup that can be refreshed by simply swapping one of the installed trays (automatic backup facility)!

Key Features

Hardware support for Raid Level 1 (Mirroring)

Data mirroring and duplication on the two drives inside MediaBank is fully supported by built-in hardware. No additional software is required.

Drives mounted in easily removable trays

To facilitate access for backup or maintenance operations, hard drives are installed in drive trays, which can be removed by simply pulling them out of the case

Fully automatic drive duplication

Drive duplication is fully automated and made by MediaBank HS-R without any human intervention. You can even duplicate and synchronise data on two drives without the unit being connected to your computer

Ships with three hard drive trays for additional offline backup functionality

For maximum data security, you can run a mirror setup and swap the second drive periodically to always have an 'offline' backup

Runs with one or two hard drives

You can remove one of the two mirrored drives without affecting the availability of your data. HS-R will simply synchronise the second drive as soon as it is inserted

Oxford 911 based ATA-to-Firewire bridge board

For best performance and data availability, HS-R features an Oxford 911 bridge board.



Mac Compatibility

Mac with Firewire connectivity
Mac OS 9.1+
Mac OS X (10.1 & 10.2)

Windows Compatibility

Windows PC with FireWire, IEEE 1394 or iLink connectivity
Windows 98SE, Me, 2000, XP



Windows XP
Windows 2K
Windows Me
Windows 98SE



Product Code

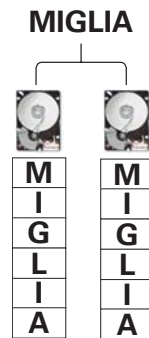
Product

MI-MB40	MediaBank HS-R (no drives)
MI-MB402120	MediaBank HS-R 2*120 GB
MI-MB403120	MediaBank HS-R 2+1*120 GB

What is Raid 1?

"Miglia" represents the data written to disk

Built-in Raid 1 hardware writes the data to both hard drives simultaneously



In a Raid 1 setup, data will be mirrored to two disks, enabling an automatic high level of data security. If one drive fails, the data will still be available on the mirrored data.

By using less expensive ATA hard drives, MediaBank HS-R becomes an affordable Raid 1 solution while still keeping all the advantages of an external storage solution

High Quality Aluminium

MediaBank HS-R, like all external peripherals from Miglia, is made out of solid aluminium (Al). We did not choose the easier lower-quality but traditional route of plastics. The case is 1.8mm thick and the 5 mm front plate is machine-milled out of a solid block of aluminium. Metal also offers better protection and a much greater lifespan than plastic and whilst the cost of using metal is typically higher, how much is the data contained on your drive/s really worth?

High Speed bridge board

MediaBank HS-R uses a high speed ATA-to-FireWire bridge board to ensure the best possible performance.

The bridge board used in MediaBank HS-R are fully supported by compatible Operating systems and do not require any third-party drivers to work.

Hard drive trays

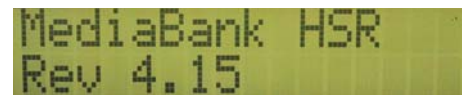
MediaBank HS-R features two hard drive trays for easy removal/swapping of drives. No need to open the unit, simply pull on a lever to pull out the tray. This operation can be performed while the unit is running and does not affect any write/read transaction made by your system. You can keep working while performing backups or maintenance.

Kensington K-Lock support

MediaBank HS-R closely follows the standards set by Kensington for the K & Lock system, the industry leading anti-theft mechanism for IT equipment. To secure MediaBank, simply connect your K & Lock cable to the back of MediaBank.

LCD Status Display

MediaBank HS-R features an LCD displays that informs you of the current status of your drives as well as all tasks performed by the built-in Raid hardware circuit.



Disk rebuilds, errors, failures are all displayed and backed up by an audible alarm.

Technical data

- Compatible with ATA/3 to ATA/5 hard drives (up to 120 GB - hard drives larger than 120 GB are not compatible)
- Connection to your computer via FireWire/IEEE 1394/iLink
- Real time mirroring and data backup on two ATA hard drives
- Unit weight: 3.7 KG (with no drives)
- Unit dimensions: L280xW200xH110 mm
- Two years limited warranty

What ships in the box?

- MediaBank HS-R Raid 1 hard drive case
- 0GB, 2*120 or 3*120 GB depending on configuration purchased
- 3 hard drive trays
- FireWire 6/6 pins cable
- External power supply
- Installation and user guide/warranty card

Contacting Miglia Technology

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