



MERIDIAN

Media Drive 600

Meridian Digital Media System Storage



Meridian's Media Drive 600 is a complete storage solution for your Meridian Digital Media System, including twin front-loading drive bays configured for automatically-mirrored backup and maximum reliability.

Within Media Drive 600 is a pair of front-loading hard drive bays, each capable of carrying pairs of identical drives with capacity of up to 2TB each. The drives are configured as a RAID 1 array with automatic mirrored backup: thus the storage offered by the system in its standard configuration is up to 2TB. These allow the unit to store approximately 5,000 CD albums in FLAC format.

Via Meridian's Technical Support department, the drives can alternatively be configured as a RAID 0 array for a total of 4 TB primary storage, with backup being handled externally.

Media Drive 600 can be fitted with a range of drive pairs – drives in the pair must be identical.

Network interface

The unit includes DHCP-enabled network connection for easy discovery by other networked components in the system and the Media Drive 600's storage is

automatically integrated with any other Meridian Digital Media System-compatible storage discovered by the system.

The unit features a special high quality, high efficiency switch mode power supply for maximum performance and reliability

Remote support & diagnostics

The storage provided by the Media Drive 600 can be remotely monitored by Meridian to ensure maximum performance; if a potential problem is found with either of the drives, such as a drive nearing the end of its life, the Meridian retailer or installer can be alerted to allow them to take remedial action (such as drive replacement) before any problem with operation is experienced by the user.

In common with the Media Core 600, the Media Drive 600 features automatic replacement drive recognition. In the case of drive failure, the unit is simply powered down and at this point a new blank drive can be fitted. Once powered up again, the new drive is recognised automatically and the contents of the existing drive are cloned on to it with no need for operator intervention.

Indicators

Product highlights

Extensive storage with automatic mirrored backup for Meridian Digital Media Systems.

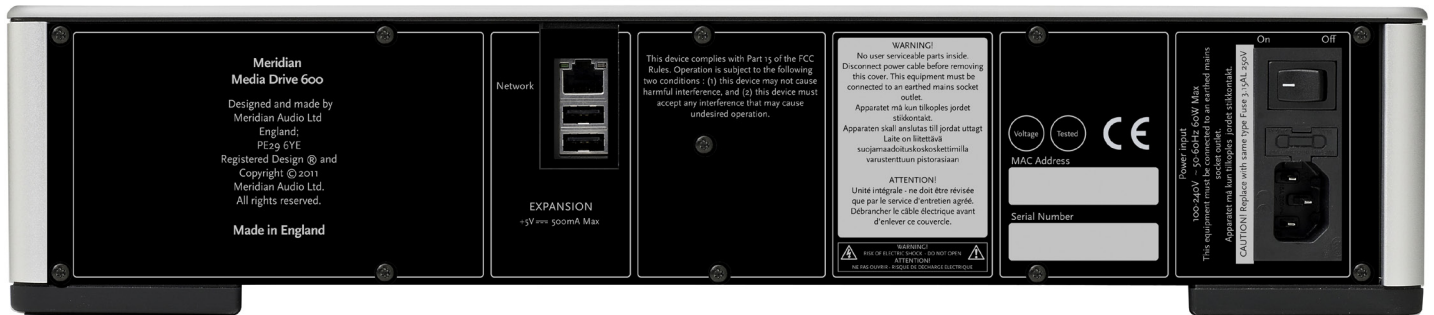
Dual RAID-based hard drives offer enormous storage (up to 2TB) for many thousands of CD albums in pristine lossless quality.

Full integration with Meridian and Meridian Digital Media audio systems.

Can be networked to any other Meridian Digital Media System product, automatically adding extra storage fully integrated with existing libraries.

Meridian Audio Limited

www.meridian-audio.com



Media Drive 600 rear panel

The Media Drive 600 front panel includes a power button indicator and a row of six status LEDs that indicate system status (see specifications panel).

Industrial design

Media Drive 600 features the new case design premiered with the Media Source 600 – developed from that of Meridian's popular G Series components, with a bead-blasted finish in silver and black metal.

It includes a highly efficient, extremely low noise cooling system, the Media Drive 600 is ideal for rack mounting as well as stand-alone operation. Its twin hard drive bays are front-loading, allowing drive servicing or replacement without requiring access to the rear of the rack.

Outline Technical Specification

Drive bays

- Supplied with bays for two up to 2TB drives configured as a RAID 1 system

Controls

- Rear panel power switch
- Front panel back-lit on/off button

Indicators

- Power button LED illuminates blue during startup and shutdown; white when operating.
- Six front-panel LEDs as follows (L-R):
 - LED 1: Error indicator**
On=boot failure; flashing=drive mount failure.
 - LED 2: Temperature indicator**
On=product overheating
 - LED 3: CPU load indicator**
On=CPU is running at greater than 80% usage.
 - LED 4: RAID drive 1 failure indicator**
On=RAID marked drive 1 as failed.
 - LED 5: RAID drive 2 failure indicator**
On=RAID marked drive 2 as failed.
 - LED 6: Ethernet disconnect indicator**
On=Ethernet cable is *not* detected
 - If RAID1 and RAID2 LEDs are toggling, one of the drives is being restored to – ie a single new drive has been inserted with an existing working drive.
 - If all six LEDs are illuminating sequentially back and forth, the drives are being initialized with a new filesystem, i.e. two new drives have been inserted.

Power

- Mains operation, universal voltage power supply

Weight

- 6kg (13.2lb) without drives

Dimensions

- 440 x 97 (2U) x 350mm (18 x 3.8 x 13.8in) not including rear connectors (WHD)

Finish

- Bead-blasted, anodised, black and silver aluminium uniform with Media Source 600.