

# MERIDIAN™ 602

Compact Disc Transport



## MERIDIAN 600-Series

### General attributes

- *The Meridian 600-Series is a new up-market range of digital audio components intended for the discerning customer. This reflects Meridian's position as a leading company in the art of digital audio.*
- *The 600-Series offers no-compromise performance in an elegant package. The cases are finished in polished hard black anodising, real glass fronts.*
- *All 600-Series exploit a two-box format for improved performance.*
- *600-Series components are all full-function remote control, in fact their ergonomics have been optimised for remote operation. There are provided on the front panels a very simple layout of controls that give, in true audiophile tradition, the minimum necessary functions. In true Meridian tradition they have massive functionality both through infra-red or inter-product connections. (comms).*
- *600-Series components are fully compatible with 200-Series, Multiroom and with Meridian digital loudspeakers. There are no compromises to a Meridian system by adding 600-Series components.*
- *600-Series uses a new proprietary technique of inter-product communication using an optical ring. We call this Optical Comms. Optical Comms offers the designer a perfect situation with regard to the audio performance of the products since each can be grounded optimally and RF immunity is maximised.*
- *Optical Comms range exceeds 50m.*
- *Each 600 product has a socket for connecting to 200-Series and Multiroom cable comms.*
- Digital output only CD transport
- Single high-power (separate output amplifier) and very stable digital output on cable, IEC standard.
- Two high performance (15MHz) optical output transmitters for digital audio.
- Optical and cable comms connections.
- Uses latest fast-response version of CDM4 from Philips. This mechanism has a faster focus motor and uses a Hall-effect spinning motor for low vibration and long life.
- CD mechanism mounted on a custom Meridian magnesium die-casting for maximum stiffness. The whole suspended on Sorbothane mounts.
- Unusual two-box construction for a CD transport. With internal screening gives two acoustically isolated sections and four separate electromagnetic sections. One box contains CD mechanism, power supplies and servos, the other contains the digital and display circuits.
- Uses third-generation servo system of very high sophistication.
- Very high playability, robust to inferior discs.
- Critically optimised non-linear servo loops give improved sound on dynamic material.
- Uses third-generation CD decoders with large RAM for wide-range error correction.
- Enhanced digital output features error interpolation and flagging of errors so that any remaining errors can be tackled downstream.
- Master oscillator of 602 has its own screen can and uses a new circuit of high precision. This oscillator improves the sound by giving a low and critically optimised jitter.

- *Meridian* single microprocessor technique. *Meridian* are the only non-giant to attempt to write the micro-code for the entire CD player. Not only does this give high functionality, but since we can afford to fit a really powerful computer, many performance improvements on disc playing. This technique derives from the highly successful 206 and 208 CD players.
- Full function microprocessor watchdog.
- Impeccable lineage, a CD-player in the tradition of MCD, PRO-MCD, 207, 206 and 208.
- Fitted with non-volatile memory for user-programmable functions.
- User adjustable settle-time on track-seeks allows a variety of out-board processors to lock reliably without losing musical content.
- Highest quality components used throughout.
- Proprietary *Meridian* 4-layer PCB technology, surface mounted components used.
- Front-panel controls; Open, Play, Stop, Pause, Next and Prev.
- Indicator lights show Error, EQ and Repeat; other messages on dot-matrix display.

## **MERIDIAN™ AUDIO**

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