

602 CD TRANSPORT

This new *Meridian* CD transport is designed to be the CD front-end for digital audio systems of the highest possible performance. It offers one coaxial and two optical digital outputs for connection to the new *Meridian* 606 high performance Digital to Analog Converter, 603 D-A Converter/Preamp, the 203 D-A Converter or any other stand-alone D-A converter unit, along with the *Meridian* D600 and new D6000 Digital Active Loudspeakers. Proprietary microcode instructions enable advanced control functions such as a *Meridian* exclusive user-adjustable track select settling time, which assures that any outboard digital processor can be given the time it needs to reliably lock on the digital data without audibly losing musical content.

The improved control resulting from *Meridian's* own computer program codes is joined with a new high-speed disc transport to make possible high speed track access. The disc tracking servo system employs critically-optimized non-linear loops for precise tracking of damaged or inferior discs. The improved tracking, combined with new third-generation decoding ICs and a large disc-data Random Access Memory, results in high playability and wide-range error correction. To further improve the quality of the digital audio data, the 602's master clock oscillator uses new circuitry, also proprietary to *Meridian*, to dramatically reduce digital timing jitter.

The two-box construction of the 602 places the transport, servos and power supplies in one box, while the digital audio and display circuits are in the other, effectively isolating the electrically noisy transport circuits from the critical digital audio circuits.

The 602's front panel controls are in keeping with its audiophile quality--they are the simplest controls that yield basic operation: Open, Play, Stop, Next, Previous and Pause. These basic functions as well as 602's advanced control functions are accessed through the supplied remote control. LEDs indicate EQ (de-emphasis on), Repeat, and Error (indicating error correction flagging). Other status and control information is provided by the dot-matrix display.

- Elegant brushed anodized casing, featuring solid extrusions, glass fronts.
- Two box construction.
- Separately shielded high stability low jitter oscillator.
- User adjustable settling time.
- Fast response CDM4 disc mechanism mounted on *Meridian* magnesium die casting.
- Coaxial digital and twin optical outputs.