

606 D-A CONVERTER

The *Meridian* 606 is an extremely high performance Digital to Analog Converter from the leading specialist in digital audio technology. Accepting up to four inputs, the 606 automatically locks to the three standard sampling rates and converts incoming digital audio to a high quality analog output using *Meridian's* special implementation of Bitstream conversion technique.

The 606 has four digital inputs, two coaxial and two fibre optic. The four inputs are selectable from the 606's front panel with LEDs indicating chosen source, sampling frequency and the presence of pre-emphasized audio (EQ). *Meridian's* unique two box construction keeps power supply, digital, and converted audio sections electromagnetically isolated for best performance.

The 606 provides D-A conversion through *Meridian's* dual differential Bitstream PDM conversion circuitry. This highly-refined *Meridian* converter is a second-generation design, in which each channel has two complete PDM processor/decoders operating in parallel. Unlike other differential designs, its proprietary circuitry inverts and sorts the digital audio so that each channel's two signals, one positive and one negative, are processed in parallel in a single IC package. Because the two signals in each channel share identical digital processing and conversion environments, both electrically and thermally, any residual nonlinearities are cancelled. New levels of D-A Converter performance are assured. The 606 offers previously unattained qualities in terms of resolution, soundstaging, and overall musicality.

- Beautifully styled and ruggedly constructed case finished in polished hard black anodizing, glass fronts, gold plated switch buttons.
- Select from 4 Digital inputs: 2 Coax, 2 Fibre Optic.
- Front panel selectable digital phase inversion.
- Quartz locks to 32k, 44.1k, and 48 kHz sampling rates.
- *Meridian* pioneered dual differential PDM Bitstream conversion provides unheard of linearity within 1dB to -120dB.
- Two box construction provides three separately screened sections.
- State-of-the-art analog design with 4 layer printed circuit boards.

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