

603 D-A CONVERTER/PREAMPLIFIER

The 603 is a system control center which accepts both analog and digital sources. Digital sources are converted to analog using state of the art techniques. All sources are then controlled via a first rate remote control preamplifier combining audiophile sound quality with advanced ease of use. Combining the D-A Converter with the Preamplifier creates a compact, logical control center for the most sophisticated of audio systems. All source selection and volume control is accomplished electronically with no mechanical contacts to subtly degrade sound or wear out. Volume is varied with a Meridian proprietary precision 64-step discrete FET electronic volume control. These basic controls and the 603's other control functions are available through the supplied 600 series Infra Red remote control. The 603 Control Unit is the ideal control center, accepting all front end sources and driving either active loudspeakers, such as those made by Meridian, or conventional power amplifier/loudspeaker combinations.

In addition to four analog inputs, the 603 has four digital inputs, two with coaxial and two with optical connections. It provides D-A conversion through Meridian's dual-differential Bitstream PDM D-A 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 603 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.
- Eight inputs with user defined captions.
- Locks to digital sources of any sampling rate from 32 kHz to 48 kHz.
- Display of CD track, index and time.
- Dual differential Bitstream PDM D to A conversion.
- 64 step discrete FET Volume Control.

MERIDIAN AMERICA INC.

14120-K Sullyfield Circle
Chantilly, VA 22021

Telephone (703)818-3028 Fax (703)830-7625