



M O O N

Power

Emotion

Soul



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Simaudio Ltd. proudly introduces the MOON 750D Digital-to-Analog Converter / Disc Transport, one of our newest additions to the MOON Evolution Series.

Revolutionary Technology ... the world's first true 32-bit asynchronous DAC

The MOON 750D Digital-to-Analog Converter / CD Transport features the most advanced digital technology; The first true 32-bit fully asynchronous digital audio playback system to reach the marketplace. Intended to fulfill the demands of the most discerning music connoisseur, the 750D is a fully balanced differential design featuring our new M-AJiC32 circuitry (an asynchronous jitter elimination system) built around the ESS SABRE³² Reference Audio DAC. The conversion process uses 8 DAC's per channel working in 32-bit Hyperstream™. The final result is previously unattainable musical reproduction from digital media, be it a CD, computer, music server, etc.

A complete array of digital input and output connections are available on the back panel which meet all the needs of today's ever-widening technologies; the built-in transport mechanism representing the fifth input. Finally, in the coming months, an optional outboard power supply will be made available to further enhance the performance of the MOON 750D.

MOON 750D Significant Design Features:

- The first true 32-bit Digital-to-Analog converter using ESS Technology SABRE³² Reference DAC / Digital Filter (ES9018S) working in 32-bit Hyperstream™ to achieve unprecedented jitter immunity and low-level linearity via a patented Time Domain Jitter Eliminator
- Digital Audio Signal Processing using M-AJiC32 (MOON Asynchronous Jitter Control in 32-bit mode)
- A virtually jitter-free "1 picosecond" digital clocking system
- Proprietary CD drive system, using in-house developed hardware & software, mounted on our M-Quattro gel-based 4-point floating suspension for vibration damping. Ambient & spatial cues in recordings come to life like never before
- RS-232 port for (i) full unsolicited bidirectional feedback and (ii) firmware updates; IR input for external control
- Four (4) digital inputs (AES/EBU, S/PDIF, TosLink and USB) allowing for a connection to virtually any digital source
- Two (2) digital outputs - AES/EBU and S/PDIF
- Fully balanced differential digital and analog circuitry in a dual-mono design
- Separate digital & analog power supplies using 2 independant toroidal transformers
- Power supply voltage regulation includes i²DCf (Independant Inductive DC Filtering); There is one inductor dedicated to each integrated circuit type component (DAC, Op-Amp, etc.) in the audio circuit's signal path - 24 stages in all
- SimLink controller port allows for 2-way communications between other compatible MOON components
- A very short capacitor-free signal path using a DC servo circuit and proprietary 12dB/octave analog filter
- Four-layer PCB tracings resulting in a much shorter signal path and dramatically improved signal-to-noise ratio

The MOON 750D is available now with an MSRP \$12,000.00 USD.

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Simaudio Ltd. has been designing and manufacturing innovative, leading-edge audio and video products since 1980. MOON products have been globally recognized for their world-class performance, garnering numerous accolades for this outstanding achievement. Our products are engineered and built in Canada, utilizing advanced, efficient, "green" assembly techniques with strict quality control. Furthermore, our manufacturing processes are part of our philosophy, whereas the high quality and long-life of MOON products are the best way to preserve our environment, avoiding premature obsolescence. MOON products meet or exceed all international requirements for safety, performance and durability. At Simaudio, great music matters. However, great music for a lifetime matters most.

30 Years of Excellence

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