

# 750D

Reference DAC / CD Transport

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The MOON 750D features the most advanced digital technology; The first true 32-bit fully asynchronous digital audio playback system to reach the retail marketplace. Intended to fulfill the demands of the most discerning music connoisseur, the 750D is a fully balanced design featuring our own M-AJIC32 circuitry (an asynchronous jitter elimination system) built around the ESS Technology SABRE<sup>32</sup> Reference Audio DAC. The conversion process uses an astonishing 8 DAC's per channel working in 32-bit Hyperstream™ (ES9018S). The final result is previously unattainable musical reproduction from digital media, be it a CD, computer, music server, etc. The MOON 750D will bring you closer to the music than ever before, offering plenty of flexibility while exemplifying seamless luxury.

The back panel features a complete array of digital input and output connections to meet all the needs of today's ever-widening technologies, allowing for a connection to virtually any digital source. The front panel includes a disc drawer for our own proprietary drive mechanism which represents a fifth input.. As well, an optional outboard power supply (820S) is available to further enhance the already astonishing performance of the MOON 750D.

Of course, all of the signature features you would expect in a MOON Evolution series digital product are present: our M-Quattro floating suspension, SimLink™, i<sup>2</sup>DCf, just to name a few, as well as both RS-232 and IR ports for custom-install environments.

## Significant Design Features

- ▲ Proprietary CD drive system mounted on our M-Quattro gel-based 4-point floating suspension.
- ▲ Separate digital and analog power supplies, each with their own toroidal transformer.
- ▲ Power supply voltage regulation includes i<sup>2</sup>DCf (Independent Inductive DC Filtering); 1 inductor for each and every IC in the audio circuit's signal path – 24 stages in all.
- ▲ 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 compatible with 820S external power supply.

## Specifications

Frequency response (full range)	2Hz - 100kHz +0/-3dB
THD @ 1kHz, 0dBFS (A-weighted)	0.0003%
Intermodulation distortion	0.0002%
Dynamic Range	120dB
Signal-to-noise Ratio	120dB @ full output
Channel Separation	116dB
Intrinsic Jitter	1 picosecond RMS
Analog Output @ 0dBFS	2.0 Volts
Analog output impedance	100Ω
Bit-depth range	16 - 24 bits
Sampling frequency rates	44.1 - 192kHz
Shipping weight	35 lbs / 16 Kgs
Dimensions (width x height x depth)	18.75 x 4.0 x 16.8 in. 47,6 x 10,2 x 42,7 cm

### Available Finishes



### Rear Panel

