

# 750D DAC / CD Transport Specifications

Configuration	Fully balanced, Dual-mono
Transport Mechanism	Proprietary Design

<b>Front Panel Controls</b>	Standby • Program • Display • Repeat • Input • Random • Time • Open / Close • Play • Pause • Scan/Skip Forward • Scan/Skip Backward • Repeat • Stop
<b>Front Panel Display</b>	Track number • Time - elapsed or remaining (track / entire disc)
<b>Front Panel LED Indicators</b>	Program • Repeat - current track • Repeat - disc • Random

<b>DAC / Digital Filter</b>	ESS ES9018S Sabre <sup>32</sup> 32-bit Hyperstream™
<b>Frequency Response (audible)</b>	20Hz - 20kHz +0/-0.1dB (with internal CD transport)
<b>Frequency Response (full range)</b>	2Hz - 100kHz +0/-3dB (with external digital source)
<b>THD @ 1kHz, 0dBFS (A-weighted)</b>	< 0.0003 %
<b>IMD</b>	< 0.0002 %
<b>Dynamic Range</b>	> 120dB
<b>Signal-to-noise ratio</b>	> 120dB @ full output
<b>Slew Rate</b>	50V/μs
<b>Channel Separation</b>	> 116dB
<b>Low Level Linearity</b>	< ±0.25dB at -90dBFS
<b>Intrinsic Jitter</b>	< 1 picosecond RMS
<b>Analog Outputs - Balanced</b>	1 pair XLR
<b>Analog Output - Single-ended</b>	1 pair RCA
<b>Digital Inputs (4)</b>	AES/EBU (XLR), S/PDIF (RCA), TosLink, USB Type-B
<b>Digital Outputs (2)</b>	S/PDIF (RCA) and AES/EBU (XLR)
<b>USB – Bit-depth range / Sampling Frequency Rate</b>	16 bits / 44.1 and 48kHz
<b>Max. Analog Output @ 0dBFS – XLR / RCA</b>	2.0 Volts / 2.0 Volts
<b>Analog Output Impedance</b>	100 Ω
<b>Digital Output Impedance S/PDIF</b>	75 Ω @ 0.5p-p
<b>Digital Output Impedance AES/EBU</b>	110 Ω @ 3.7Vp-p

<b>SimLink Port</b>	1 input + 1 output each on 1/8" mini-jack
<b>RS-232 Port</b>	9-pin female DB connector
<b>IR input</b>	1/8" mini-jack

<b>Remote Control</b>	All-Aluminum Full Function
<b>Display Type</b>	8 character dot matrix LED
<b>Power Consumption @ idle</b>	25 watts
<b>AC Power Requirements</b>	120V / 60Hz 240V / 50Hz
<b>Fuse Replacement - 120V</b>	0.2A short slow blow
<b>Fuse Replacement - 230V</b>	0.1A short slow blow
<b>Shipping weight</b>	35 lbs / 16 Kgs
<b>Dimensions (w x h x d)</b>	18.75 x 4.0 x 16.81 in.

Features & specifications are subject to change without notice.