

## MOON 300D Digital-to-Analog Converter Specifications

Type	Solid State
Front Panel Controls	Standby / Input Selector
LED Indicators	Locked Sampling Frequency / Input
Digital Input Types	S/PDIF (RCA) x 2    USB x 1    TosLink x 1
Digital Input Impedance S/PDIF	75 $\Omega$ @ 0.5 Volts
DAC / Digital Filter	BurrBrown PCM1793
Bit-depth range – S/PDIF, Toslink	16 - 24 bits
Bit-depth range – USB	16 bits
Sampling Frequency Rates – S/PDIF, Toslink	44.1, 48, 88.2, 96, 176.4 and 192kHz
Sampling Frequency Rates – USB	44.1 and, 48kHz
Frequency Response (audible)	20Hz - 20kHz +0/-0.2dB
Frequency Response (full range)	2Hz - 72kHz +0/-3dB
THD @ 1kHz, 0dBFS (A-weighted)	< 0.001 %
IMD	< 0.004 %
Dynamic Range	> 116dB
Signal-to-noise ratio	> 115dB @ full output
Slew Rate	50V/ $\mu$ s
Channel Separation	> 115dB
Low Level Linearity	$\pm$ 1.0dB to below 120dBFS
Intrinsic Jitter	< 25 picoseconds RMS
Single-ended Output (RCA)	1 pair
Balanced Output (XLR)	1 pair
Output Impedance - Single-Ended	100 $\Omega$
Output Impedance - Balanced	100 $\Omega$
IR input	1/8" mini-jack
Available Faceplate Finishes	Black and Silver
Power Consumption	5 Watts
AC Power Requirements	120V / 60Hz    240V / 50Hz
Fuse Replacement - 120V	0.2A short slow blow
Fuse Replacement - 230V	0.1A short slow blow
Shipping weight	7 lbs / 3 kgs
Dimensions (W x H x D)	7.5 x 3.25 x 11 in. (19 x 8 x 28 cm.)

Features & specifications are subject to change without notice.