

a General

Power Supply	Toroidal power transformer two-guard shielding Separated windings for each functional group (4)
Voltage (factory set for destination country)	230 V / 50 Hz 115 V / 60 Hz
Power Consumption	max. 25 VA max max. 14 VA standby
Dimensions (W x H x D)	450 x 155 x 425 mm 17.7 x 6.1 x 16.7"
Weight (net)	18 kg, 40 lbs

b Digital Outputs
XLR (AES/EBU)

Connector Style	XLR
Output Impedance	110 Ω
Open Voltage	5.0 Vp-p
Load Voltage	2.5 Vp-p
Bandwidth	40 MHz
Pins	Pin 1: ground Pin 2: in-phase Pin 3: off-phase

RCA (SP DIF)

Connector Style	RCA
Output Impedance	75 Ω
Open Voltage	1.0 Vp-p
Load Voltage	0.5 Vp-p
Bandwidth	40 MHz
Pins	Internal Conductor: in-phase External Conductor: ground

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Wavelength	660 nm
Allowable Input Power	3 μ W - 30 μ W
Optimum Input Power	10 μ W
Cut-off Frequency	6 MHz

c Analog Outputs

Connection	2 RCA, 1 XLR
Frequency Range	DC - 20 kHz, +0.5 / -0.5 dB
Signal to Noise	110 / 115 dBr, 2 V
Dynamic	97 dB
Channel Separation	110 dB, 1 kHz
THD	0.0007%, 1 kHz
Output Level	2V, 1kHz (RCA); 4V,1kHz (XLR)
Output Impedance	RCA = 100 Ω XLR = 200 Ω

d Media

Standard compact disc (Red Book)
 Resolution: 16 Bit
 Sample Rate: 44.1 kHz
 Number of Channels: 2
 Modulation: EFM
 Error Correction: CIRC
 Rotation Speed: 3,3 – 8,3 revolutions
 per second (200 – 500 rpm)

e CD Mechanism

CD PRO 2 LF Module
 Heavy die-cast frame
 3-beam laser for high tracking ac-
 curacy
 Laser: 780 nm, max. 0,5 mW
 Glass Lens
 Linear sledge for radial tracking
 Fully digital servo processing

 D/A Section

Multi level Delta Sigma, double push pull
Digital oversampling filter: 44,1 kHz/16 bit converted to 705,6 kHz/24 bit
Smoothing: 4x to 2,1 MHz/24 bit
Error correction: repeat block on error
Oversampling master clock: 128x
S/N ratio: 110 dB / 112 dB

Design and specifications are subject to change without notice.