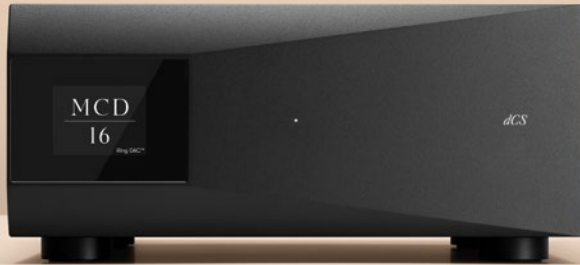


MCD 16



SPECIFICATIONS

Converter Type	dCS proprietary Ring DAC™ topology	Product Dimensions	178 mm (H) x 438 mm (W) x 482 mm (D)
Sample Rates Compatible	PCM rates are up to 24 bits 44.1, 48, 88.2, 96, 176.4 & 192 kS/s	Product Weight	25 kg
Digital Inputs	8x AES (XLR) providing 16 channels 1x AES (DB25) providing 16 channels (TASCAM AES59-2012 pinout)	Power Requirements	Input Voltage: 100-120 V / 220-240 V AC Supply Frequency: 50 / 60 Hz (global mains compatibility) Fuse Rating: T 3.15 A, 250 V
Clocking	2x wordclock inputs on 2x BNC connector Accept standard 75 Ω wordclocks at 44.1, 48, 88.2, 96, 176.4 or 192 kHz, at TTL levels The data rate can be the same as the clock rate or an exact multiple (0.25x, 0.5x, 1x, 2x, 4x) of the clock rate	Power Consumption	Sleep mode < 0.5 W Standby mode < 2.00 W Off mode < 0 W (power isolated)
Analogue Outputs	16x balanced analogue outputs on XLR connectors 16x balanced analogue outputs on 2x DB25 connectors (TASCAM AES59-2012 pinout)	Supply Frequency	Aligned with global mains expectations
Output Levels	2V, or 6V RMS for a full-scale input, set in the menu	Environmental Conditions	Operating Ambient Temperature: 0°C to 40°C Humidity: Non-condensing
Local Control	Network interface on an RJ45 connector for firmware updates and IP control RS232 interface for control. Unit Transmit data (Tx) → DB9 pin 2. Unit Receive data (Rx) ← DB9 pin 3 12v trigger input and output. Signal on the 'tip' & 0V reference on the 'ring'. Output can drive up to a 48 Ω load		