

Spec description

	ML-32D	ML-16D
Formats		
Sampling frequency	44.1k / 48k / 88.2k / 96k Hz	
Quantization bit rate	16 / 24-bit	
Analog Inputs/Outputs		
LINE INPUTS		
Connector	D-sub 25pin female × 2	
Locking screws	No.4-40 UNC (inch type)	
Nominal input levels	+4dBu, +6dBu (only when maximum input level is +15dBu)	
Maximum input levels	+24dBu, +22dBu, +20dBu, +18dBu, +15dBu (set by REF. LEVEL switches)	
Input impedance	10k Ω or higher	
LINE OUTPUTS		
Connector	D-sub 25pin female × 2	
Connector	No.4-40 UNC (inch type)	
Output impedance	200 Ω or lower	
Applicable load impedance	2k Ω or higher	
Nominal output levels	+4dBu, +6dBu (only when maximum output level is +15dBu)	
Maximum output levels	+24dBu, +22dBu, +20dBu, +18dBu, +15dBu (set by REF. LEVEL switches)	
PRIMARY/SECONDARY		
Connector	RJ-45 × 2	
Transmission protocol	Dante	
Gigabit Ethernet standard	1000BASE-T (IEEE 802.3ab)	
Cables	Category 5e or faster STP cables	
Power	AC 100 – 240V, 50/60Hz	
Power consumption	22W	14W
Dimensions (W × H × D)	19.0" × 1.77" × 11.96" / 483 × 45 × 303.8 mm	
Weight	7.7 lbs. / 3.5 kg	7.3 lbs. / 3.3 kg

Operating temperature range	32°F to 104°F / 0°C to 40°C
Standard accessories	Power cord, Rackmount screw kit, Owner's Manual (including warranty)

Audio performance

ANALOG IN → Dante OUT

Frequency response	20Hz to 20kHz +0.1dB/-0.5dB (-16dBFS input, 44.1k/48kHz sampling frequency, JEITA) 20Hz to 40kHz +0.1dB/-0.5dB (-16dBFS input, 88.2k/96kHz sampling frequency, JEITA)
Distortion (THD+N)	0.001% or lower (-1dBFS input, 1kHz, 44.1k/48k/88.2k/96kHz sampling frequency, JEITA)
S/N ratio	113dB or higher (44.1k/48k/88.2k/96kHz sampling frequency, JEITA)
Crosstalk	115dB or higher (1kHz, 44.1k/48k/88.2k/96kHz sampling frequency, JEITA)

Dante OUT → ANALOG IN

Frequency response	20Hz to 20kHz +0.1dB/-0.5dB (-16dBFS input, 44.1k/48kHz sampling frequency, JEITA) 20Hz to 40kHz +0.1dB/-1.0dB (-16dBFS input, 88.2k/96kHz sampling frequency, JEITA)
Distortion (THD+N)	0.001% or lower (-1dBFS input, 1kHz, 44.1k/48k/88.2k/96kHz sampling frequency, JEITA)
S/N ratio	110dB or higher (44.1k/48k/88.2k/96kHz sampling frequency, JEITA)
Crosstalk	115dB or higher (1kHz, 44.1k/48k/88.2k/96kHz sampling frequency, JEITA)