

TASCAM ML-16D 16 channel Professional Analog/Dante-focused Converter

Formats

- 44.1/48 kHz, 16/24 bit
- 88.2/96 kHz, 16/24 bit

Input/output ratings

PRIMARY/SECONDARY connectors

- Connector: RJ-45
- Transmission protocol: Dante
- Gigabit Ethernet standard: 1000BASE-T (IEEE 802.3ab)
- Cables: category 5e or faster STP cables

ANALOG OUTPUT connectors

- Connector: D-sub 25-pin
- Locking screws: No. 4-40 UNC (inch type)
- Nominal output levels: +4 dBu, +6 dBu (only when maximum output level is +15 dBu)
- Maximum output levels: +24 dBu, +22 dBu, +20 dBu, +18 dBu, +15 dBu (set by REF. LEVEL switches)
- Output impedance: 200 Ω or lower
- Applicable load impedance: 2 k Ω or higher

ANALOG INPUT connectors

- Connector: D-sub 25-pin
- Locking screws: No. 4-40 UNC (inch type)
- Nominal input levels: +4 dBu, +6 dBu (only when maximum input level is +15 dBu)
- Maximum input levels: +24 dBu, +22 dBu, +20 dBu, +18 dBu, +15 dBu (set by REF. LEVEL switches)
- Input impedance: 10 k Ω or higher
- * 0 dBu=0.775 Vrms

Audio performance

ANALOG IN to DANTE OUT

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

DANTE IN to ANALOG OUT

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

Other

- Power: AC100-240 V, 50/60 Hz
- Power consumption: 22W
- Dimensions: 483 x 45 x 303.8 mm (width x height x depth)
- Weight: 3.5 kg
- Operating temperature range: 0–40°
- Included items: Main unit x1, Power cord x1, Rackmount screw kit x1, Owner's Manual (this document) including warranty x1