Product Spec Sheet
DA CONVERTER
ML-4D/OUT-E

Specifications

General
• Formats and channels
  44.1/48/88.2/96 kHz, 16/24-bit, 4 channels

Input/output ratings
• DATA/DATA+PoE connectors
  Connector: RJ-45
  Transmission protocol: Dante
  Gigabit Ethernet standard: 1000BASE-T (IEEE 802.3ab)
  Cables: category 5e or faster STP cables
• ANALOG OUT connectors
  Connector: Euroblock (balanced) 3.81 mm pitch
  Nominal output levels:
  +4 dBu (when Ref. Level not −9 dBFS)
  +6 dBu (when Ref. Level set to −9 dBFS)
  Maximum output level (switchable):
  +15 dBu (Ref. Level: −9 dBFS)
  +18 dBu (Ref. Level: −14 dBFS)
  +20 dBu (Ref. Level: −16 dBFS)
  +22 dBu (Ref. Level: −18 dBFS)
  +24 dBu (Ref. Level: −20 dBFS)
  Output impedance:
  200 Ω or lower

● 0 dBu = 0.775 Vrms
Control input/output

- **External control connectors (CONTROL)**
  Connectors: Euroblock (balanced) 3.81 mm pitch
  10 V./CONTROL/GND connectors: Connect variable resistors (10 kΩ recommended)

Audio performance

- **DANTE IN ⇒ LINE OUT**
  - **Frequency response**
    - ±0.5 dB: 20 Hz – 20 kHz (44.1/48 kHz sampling frequency, JEITA)
    - ±0.5 dB: 20 Hz – 40 kHz (88.2/96 kHz sampling frequency, JEITA)
  - **Distortion (THD+N)**
    0.002 % (when -1 dBFS input, 44.1/48/88.2/96 kHz sampling frequency, JEITA)
  - **S/N ratio**
    105 dB (44.1/48/88.2/96 kHz sampling frequency, JEITA)
  - **Crosstalk**
    100 dB (44.1/48/88.2/96 kHz sampling frequency, JEITA)
  - **Dynamic range**
    108 dB (44.1/48/88.2/96 kHz sampling frequency, JEITA)

Note: JEITA indicates compliance with JEITA CP-2150

Other

- **Power**
  PoE class 0
  TASCAM PS-P1220E AC adapter (sold separately)
- **Power consumption**
  4 W
- **Dimensions**
  214 × 44.45 × 136.1 mm (W x H x D, including protrusions)
- **Weight**
  863 g
- **Operating temperature range**
  0 °C – 40 °C
Dimensional drawings

- Main unit

Main unit with brackets installed

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