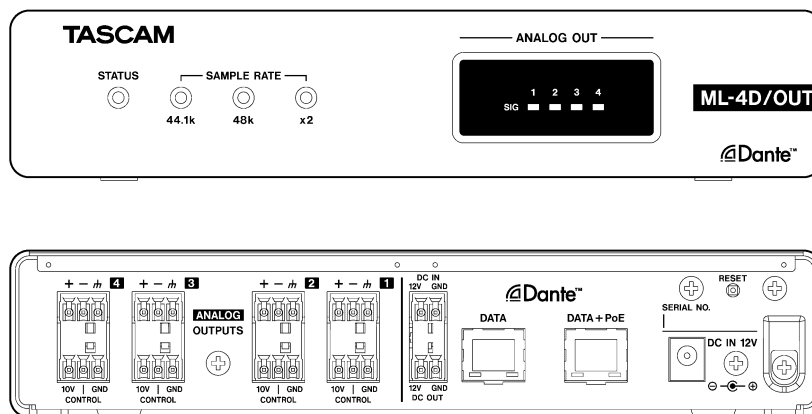


Jan, 2019

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

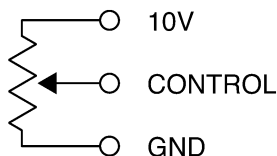
Connector: Euroblock (balanced) 3.81 mm pitch
 Nominal output levels: +4 dBu (when Ref. Level not -9 dBFS)
 +6 dBu (when Ref. Level set to -9 dBFS)
 Maximum output level (switchable): +15 dBu (Ref. Level: -9 dBFS)
 +18 dBu (Ref. Level: -14 dBFS)
 +20 dBu (Ref. Level: -16 dBFS)
 +22 dBu (Ref. Level: -18 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 k Ω recommended)



Audio performance

● DANTE IN \Rightarrow 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 × H × D, including protrusions)

•Weight

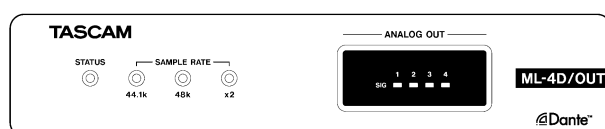
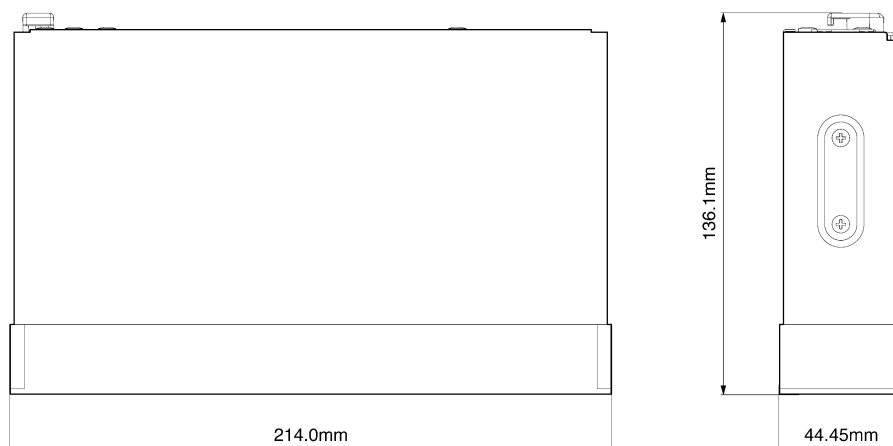
863 g

•Operating temperature range

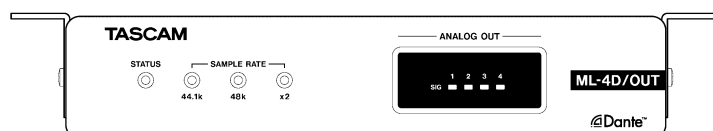
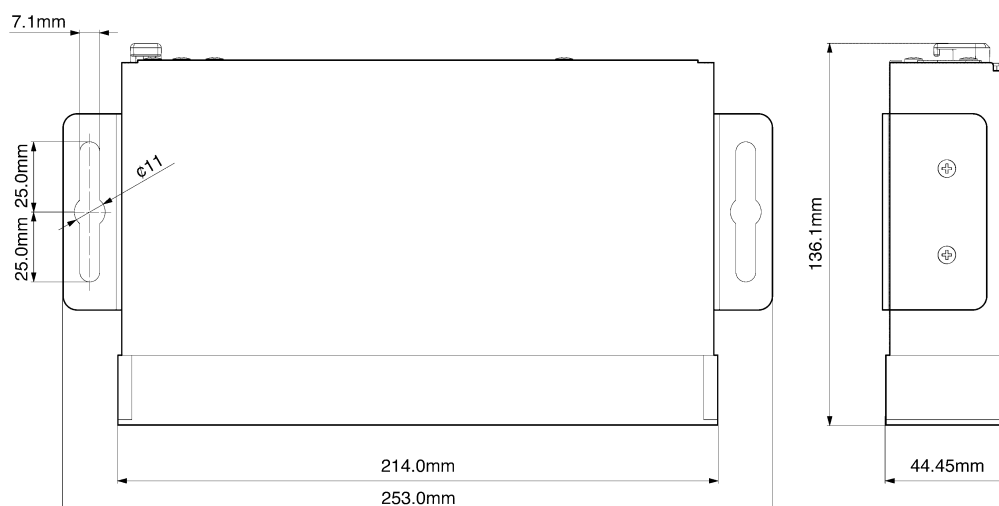
0°C – 40°C

■ Dimensional drawings

• Main unit



• Main unit with brackets installed



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