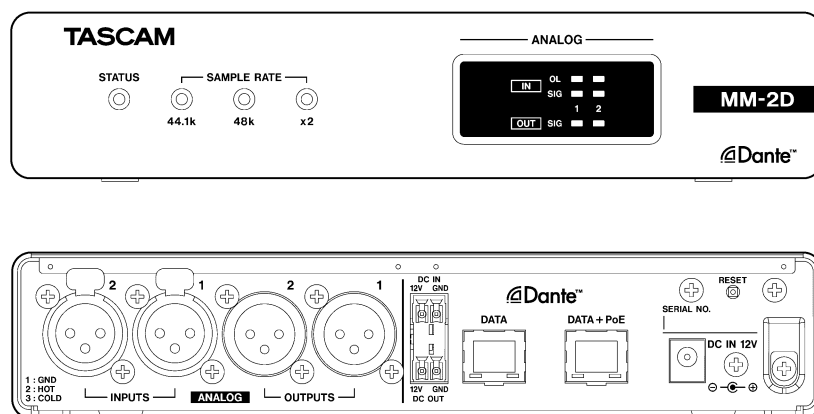


Jan, 2019

Product Spec Sheet

AD/DA CONVERTER

MM-2D-X



■ Specifications

General

• Formats and channels

44.1/48/88.2/96 kHz, 16/24-bit, 2 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 IN connectors

Connector: XLR-3-31 (1: GND, 2: HOT, 3: COLD)
 Minimum input level: -74 dBu
 Maximum input level: +26 dBu
 Input impedance: 2.0 k Ω or higher

• ANALOG OUT connectors

Connector: XLR-3-32 (1: GND, 2: HOT, 3: COLD)
 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

Audio performance

● MIC IN ⇒ DANTE OUT

•Mic amp EIN (equivalent input noise)

-125 dBu (150 Ω, 22 kHz LPF+A, JEITA)

•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)

0.005 % (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

105 dB (44.1/48/88.2/96 kHz sampling frequency, JEITA)

● 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)

0.005 % (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

105 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

6 W

•Dimensions

214 × 44.45 × 136.1 mm (W x H x D, including protrusions)

•Weight

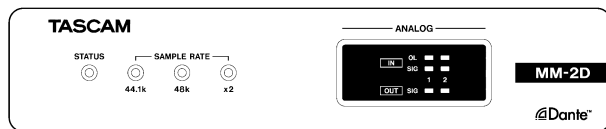
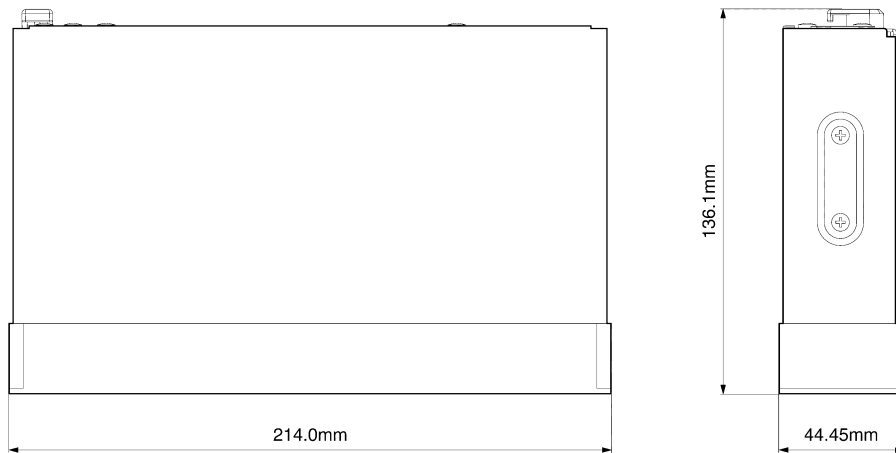
878 g

•Operating temperature range

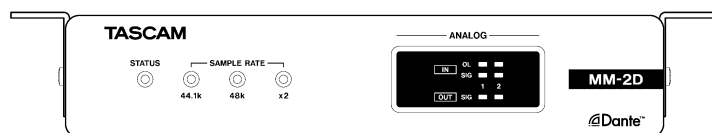
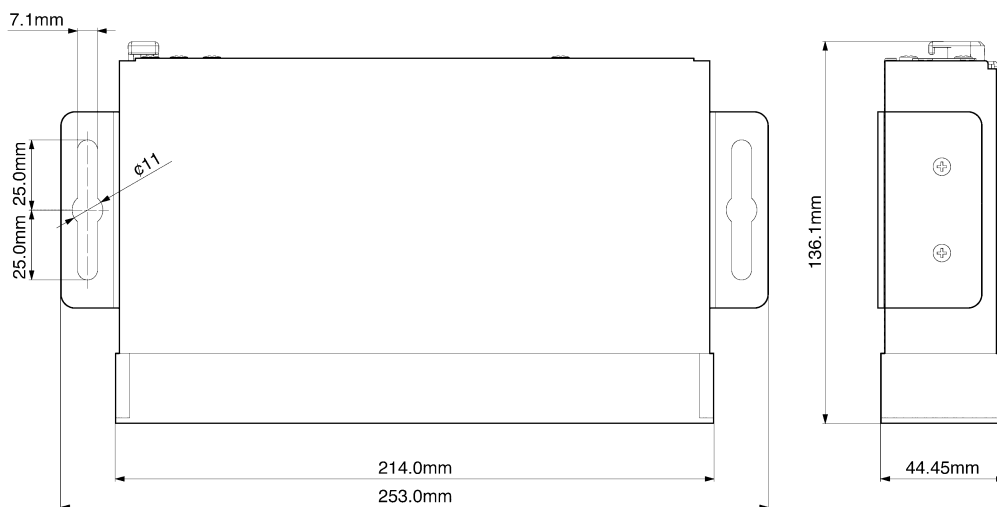
0°C – 40°C

■ Dimensional drawings

• Main unit



• Main unit with brackets installed



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