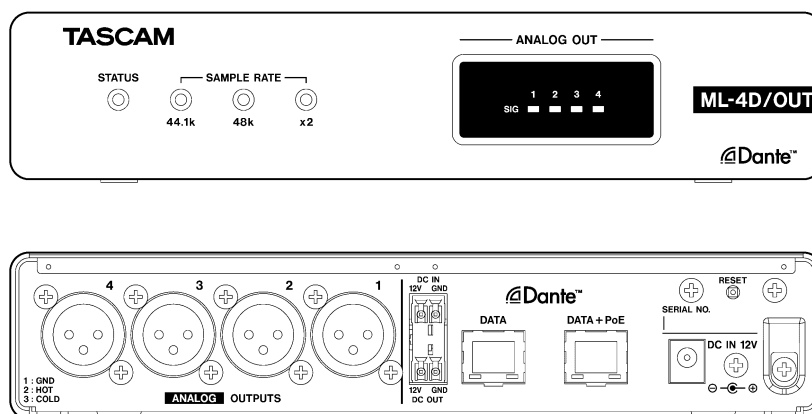Jan, 2019

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

■ 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:	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

● 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

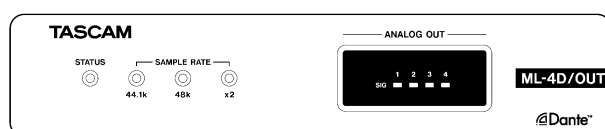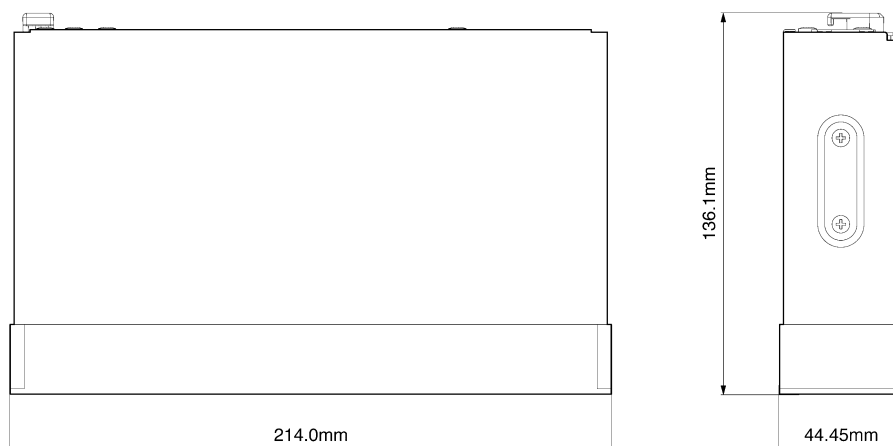214 × 44.45 × 136.1 mm (W x H x D, including protrusions)
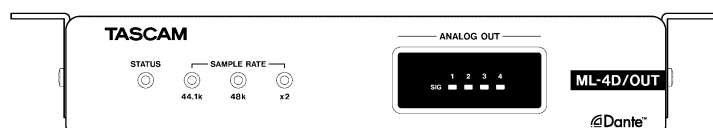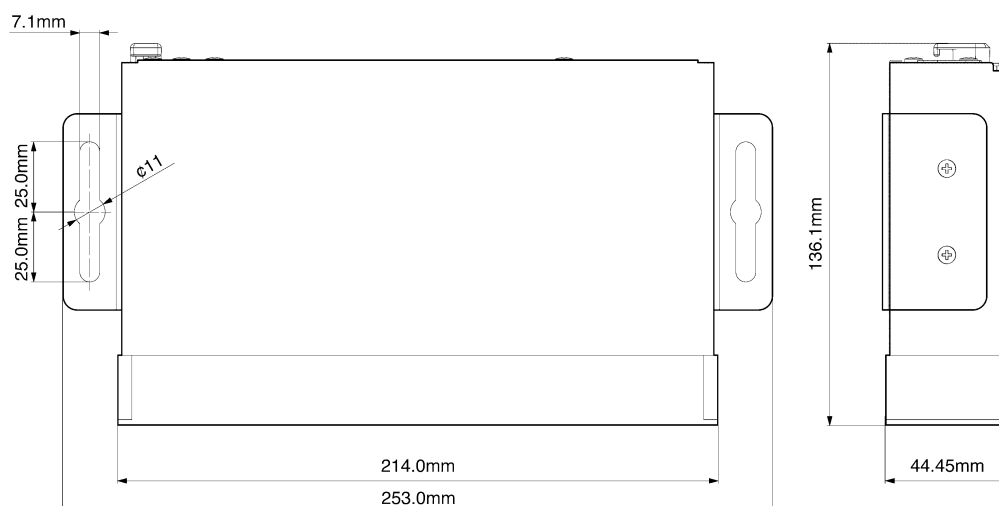
・Weight

863 g

・Operating temperature range

0°C − 40°C

■ Dimensional drawings

・Main unit

214.0mm

136.1mm

44.45mm

・Main unit with brackets installed

7.1mm

25.0mm 25.0mm

25.0mm

φ11

214.0mm

253.0mm

136.1mm

44.45mm

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