

## Spec description

General	
Formats and channels	44.1/48/88.2/96kHz,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 $\Omega$ or lower
Other	
Power	PoE class 0 TASCAM PS-P1220E AC adapter (sold separately)
Power consumption	4W
Dimensions	214 x 44.45 x 136.1 mm (W x H x D, including protrusions)
Weight	863 g
Operating temperature range	0° C-40° C
Included items	Installation brackets, Owner's manual (including warranty)

## Audio performance

DANTE IN → LINE OUT	
Frequency response	+/-0.5 dB: 20 Hz - 20 kHz(44.1/48kHz sampling frequency, JEITA) +/-0.5 dB: 20 Hz - 40 kHz(88.2/96kHz sampling frequency, JEITA)

Distortion (THD+N)	0.002 %(when -1 dBFS input, 44.1/48/88.2/96kHz sampling frequency, JEITA)
S/N ratio	108 dB (44.1/48/88.2/96kHz sampling frequency, JEITA)
Crosstalk	100 dB (44.1/48/88.2/96kHz sampling frequency, JEITA)
Dynamic range	108 dB (44.1/48/88.2/96kHz sampling frequency, JEITA)

Note: JEITA indicates compliance with JEITA CP-2150

## MM-4D/IN, ML-4D/OUT, MM-2D, AE-4D comparison chart

### Input channels

Products	Analog (Mic/Line)	Digital (AES/EBU)	Digital (Dante)
MM-4D/IN-X	4ch	-	4ch
MM-4D/IN-E	4ch	-	4ch
ML-4D/OUT-X	-	-	4ch
ML-4D/OUT-E	-	-	4ch
MM-2D-X	2ch	-	4ch
MM-2D-E	2ch	-	4ch
AE-4D	-	4ch	4ch

### Output channels

Products	Analog (Line)	Digital (AES/EBU)	Digital (Dante)
MM-4D/IN-X	-	-	4ch
MM-4D/IN-E	-	-	4ch
ML-4D/OUT-X	4ch	-	4ch
ML-4D/OUT-E	4ch	-	4ch
MM-2D-X	2ch	-	4ch
MM-2D-E	2ch	-	4ch
AE-4D	-	4ch	4ch

### Input/Output/GPI connectors

Products	Analog	Digital (AES/EBU)	Digital (Dante)	GPI

MM-4D/IN-X	XLR	-	RJ45	-
MM-4D/IN-E	Euroblock	-	RJ45	Euroblock
ML-4D/OUT-X	XLR	-	RJ45	-
ML-4D/OUT-E	Euroblock	-	RJ45	Euroblock
MM-2D-X	XLR	-	RJ45	-
MM-2D-E	Euroblock	-	RJ45	Euroblock
AE-4D	-	XLR	RJ45	-