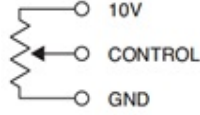


Spec description

General	
Formats and channels	44.1/48/88.2/96kHz,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	Euroblock (balanced) 3.81 mm pitch
Minimum input level	-74 dBu
Maximum input level	+26 dBu
Input impedance	2.0 k Ω or higher
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
Control input/output	
External control connectors(LED/SWITCH)	
Connectors	Euroblock 3.81mm pitch
LED connectors	
Output format	open collector (10 Ω output impedance, 48V withstand voltage, 35mA maximum current)
Low level maximum output voltage	0.5 V
SWITCH connectors	
Maximum input voltage	5.5 V

High level minimum input voltage	2.31 V
Low level maximum input voltage	0.99 V
External control connectors (CONTROL)	
Connectors	Euroblock 3.81mm pitch
10V/CONTROL/GND connectors	Connect variable resistors (10k Ω recommended) 
Other	
Power	PoE class 0 TASCAM PS-P1220E AC adapter (sold separately)
Power consumption	6W
Dimensions	214 x 44.45 x 136.1 mm (W x H x D, including protrusions)
Weight	878 g
Operating temperature range	0° C-40° C
Included items	Installation brackets, Euroblock plugs, Cable band kit, Owner's manual (including warranty)

Audio performance

MIC IN → DANTE OUT	
Mic amp EIN (equivalent input noise)	-125 dBu (150 Ω , 22kHz LPF+A, JEITA)
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)	0.005 %(when -1 dBFS input, 44.1/48/88.2/96kHz sampling frequency, JEITA)
S/N ratio	105 dB (44.1/48/88.2/96kHz sampling frequency, JEITA)
Crosstalk	100 dB (44.1/48/88.2/96kHz sampling frequency, JEITA)
Dynamic range	105 dB (44.1/48/88.2/96kHz sampling frequency, JEITA)
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)	0.005 %(when -1 dBFS input, 44.1/48/88.2/96kHz sampling frequency, JEITA)
S/N ratio	105 dB (44.1/48/88.2/96kHz sampling frequency, JEITA)
Crosstalk	100 dB (44.1/48/88.2/96kHz sampling frequency, JEITA)
Dynamic range	105 dB (44.1/48/88.2/96kHz sampling frequency, JEITA)

