

Analog Connections

Input	(1) 3-pin block connector (Active Balanced)
Output	(1) 3-pin block connector (Impedance Balanced)

USB Connections

(1) USB 2.0, Type B

Single port carries 1 input and 1 output channel (Summed mono)

Network Connections (Dante Digital Audio)

(1) RJ45

4 input channels, 2 output channels

Polarity

Non-inverting, any input to any output

Power Requirements

Power over Ethernet (PoE), Class 0. (PoE Plus compatible).

Power Consumption

6.5W, maximum

Weight

668 g (1.5 lbs)

Dimensions

H x W x D

4 x 14 x 12.8 cm (1.6 x 5.5 x 5.0 in.)

control application

HTML5 Browser-based

Operating Temperature Range

-6.7°C (20°F) to 40°C (104°F)

Storage Temperature Range

-29°C (-20°F) to 74°C (165°F)

Thermal Power Dissipation

Maximum	6.8W (23.0BTU/hr)
typical	6.0W (20.8BTU/hr)

Audio

Frequency Response

+1, -1.5 dB

20 to 20,000 Hz

Dante Digital Audio

Sampling Rate	48 kHz
Bit Depth	24

USB Audio

Sampling Rate	44.1, 48 kHz
Bit Depth	16, 24

Latency

Does not include Dante latency	Analog to Analog	0.98 ms
	Analog to Dante	0.39 ms
	Dante to Analog	0.72 ms
	Dante to Dante	0.14 ms

Dynamic Range

20 Hz to 20 kHz, A-weighted, typical

Analog-to-Dante	113 dB
Dante-to-Analog	117 dB

Equivalent Input Noise

20 Hz to 20 kHz, A-weighted, input terminated with 150Ω

Line	-86 dBV
Aux	-98 dBV

Total Harmonic Distortion

@ 1 kHz, 0 dBV Input, 0 dB analog gain

<0.05%

Common Mode Rejection Ratio

150Ω balanced source @ 1 kHz

>70 dB

Impedance

10.6 kΩ

Input Clipping Level

Line	+27 dBV
Aux	+15 dBV

Output Clipping Level

Line	+20 dBV
Aux	+0 dBV
Mic	-26 dBV

Built-in Digital Signal Processing

Per Channel	Equalizer (4-band Parametric, Analog and USB output channels only), Mute, Limiter, Gain (140 dB range)
System	Matrix mixer

Networking

Cable Requirements

Cat 5e or higher (shielded cable recommended)