

## 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)