Analog Connections

Inputs	Active Balanced	ANI22-XLR	(2) XLR connector
		ANI22-BLOCK	(2) 6-pin block connector
Outputs	Impedance Balanced	ANI22-XLR	(2) XLR connector
		ANI22-BLOCK	(2) 3-pin block connector

Network Connections (Dante Digital Audio)

(1) RJ45

Channel Count: 2 Inputs, 2 Outputs

Polarity

Non-inverting, any input to any output

Power Requirements

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

Power Consumption

11W, maximum

Weight

672 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 | 12.1 W (41.3 BTU/hr) |
| typical | 9.8 W (33.7 BTU/hr) |

Audio

Frequency Response

±1 dB

20 to 20,000 Hz

Dante Digital Audio

| Sampling Rate | 48 kHz |
| Bit Depth | 24 |

Latency

| Does not include Dante latency | Analog to Dante | 0.35 ms |
| | Dante to Analog | 0.71 ms |

Analog Gain Range

Adjustable in 3 dB steps

51 dB

Dynamic Range (Analog-to-Dante)

20 Hz to 20 kHz, A-weighted, typical

113 dB

Equivalent Input Noise

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

Analog Gain Setting= +0 dB	-93 dBV
Analog Gain Setting= +27 dB	-119 dBV
Analog Gain Setting= +51 dB	-130 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

Input Impedance

5 kΩ

Output Impedance

150 Ω

Input Clipping Level

Analog Gain Setting= +0 dB	+20 dBV
Analog Gain Setting= +27 dB	-7 dBV
Analog Gain Setting= +51 dB	-31 dBV

Analog Output Level

Selectable	Line	0 dB
	Aux	- 20 dB
	Mic	-46 dB

Built-in Digital Signal Processing

| Per Channel | Equalizer (4-band Parametric, Dante Channels Only), Mute, Limiter, Gain (140 dB range) |
| System | Channel Summing |

Networking

Cable Requirements

Cat 5e or higher (shielded cable recommended)