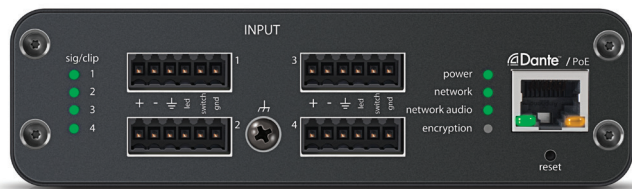


Audio Network Interfaces

Easy audio routing with Dante™ and browser-based control software.
Available with block or XLR connectors.

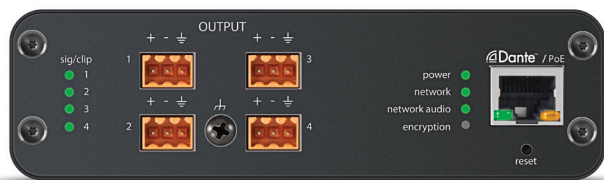


ANI4IN Audio Network Interface

Convert up to four line/mic analog signals onto a Dante network for easy audio routing and browser-based connectivity.

Features:

- Single Ethernet port carries Dante audio, power (PoE – class 0 / 3)
- LEDs indicate power, network and audio
- Provides control strings for third-party teleconferencing and AMX and Crestron
- 4 Band C/S PEQ on every channel
- Channel summing to combine input signals and send over a single Dante feed
- Browser-based software control for all device parameters, per input channel:
 - Pre-amp gain
 - Mute control
 - Digital gain
 - Polarity control
 - Phantom power
- Available in block connector (audio + logic) and standard XLR variations:
 - ANI4IN-BLOCK: 4 block inputs with logic
 - ANI4IN-XLR: 4 XLR inputs



ANI4OUT Audio Network Interface

Converts Dante digital audio signal to four discrete line/mic analog signals.

Features:

- Single Ethernet port carries Dante audio, power (PoE – class 0 / 3)
- LEDs indicate power, network and audio
- 4 Band C/S PEQ on every channel
- Browser-based software control for all device parameters, per input channel:
 - Pre-amp gain
 - Mute control
 - Digital gain
 - Polarity control
- Available in block connector and standard XLR variations:
 - ANI4OUT-BLOCK: 4 block outputs
 - ANI4OUT-XLR: 4 XLR outputs

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)

