

Overview

The Shure Audio Network Interface shall convert 4 channels of Dante™ digital audio into discrete analog output signals. The interface shall provide connectivity with analog devices (audio processors, video codecs, and loudspeaker systems, for example) to fully integrate networked audio and analog equipment in a single system. Available in XLR and block connector versions, each box uses a single network cable to receive audio and power through Power over Ethernet (PoE). The web application shall control built-in digital signal processing, including channel settings, parametric equalization, and audio summing from any computer connected to the same network.

Model Variations

- **ANI4OUT-XLR:** Four XLR outputs (balanced audio)
- **ANI4OUT-BLOCK:** Four 3-pin block connector outputs (balanced audio)

Two mounting solutions are available for installing the Audio Network Interface:

- CRT1 | **19" Rack Tray (optional accessory):** Supports up to 3 devices; mountable in a rack or under a table
- 53A27742 | **Single-unit Mounting Tray (included accessory):** Supports a single device for mounting under a table

Specifications

Input

(1) RJ45

Outputs

ANI4OUT-XLR	(4) XLR connector
ANI4OUT-BLOCK	(4) 3-pin block connector

Configuration

Impedance Balanced

Polarity

Non-inverting, any input to any output

Power Requirements

Power over Ethernet (PoE), Class 0

Power Consumption

10W, maximum

Weight

663 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)

Networking

Cable Requirements

Cat 5e or higher (shielded cable recommended)

Audio

Frequency Response

20 to 20,000 Hz

Input (Dante Digital Audio)

Channel Count	4
Sampling Rate	48 kHz
Bit Depth	24

Latency

Does not include Dante latency

0.71 ms

Dynamic Range (Dante-to-Analog)

20 Hz to 20 kHz, A-weighted, typical

117 dB

Total Harmonic Distortion

@ 1 kHz, -20 dBFS Output, 0 dB analog gain

<0.05%

Output Clipping Level

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

Analog Output Level

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

Output Impedance

150 Ω

Built-in Digital Signal Processing

Per Channel	Equalizer (4-band Parametric), Mute, Invert Polarity, Gain (140 dB range)
System	Audio Summing

Dimensions

