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
- 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