AXI 22 AT D

2 INPUT, 2 OUTPUT DANTE AUDIO INTERFACE DECORATOR-STYLE WALLPLATE

The Extron AXI 22 AT D is a single-gang decorator-style Dante® audio interface for integrating two mic/line sources onto a Dante-enabled audio system. It also includes two line outputs on the back for routing Dante channels to an amplifier, or an optional wallplate with XLR or RCA outputs. The AXI 22 AT D interfaces with Extron and other Dante-equipped audio devices over a standard local area network, and can be powered through PoE.

▶ Two mic/line inputs on XLR connectors for transmitting audio to a Dante® network

▶ Two line outputs on a rear panel captive screw connector receive audio from a Dante network

▶ Dante audio networking provides a wide range of expansion capabilities

▶ Studio grade 24-bit analog-to-digital and digital-to-analog converters selectable up to 96 kHz

▶ Input gain and phantom power controls located behind cover plate

▶ Optional output wallplates for XLR or RCA connectivity

▶ Power over Ethernet - PoE

▶ Mounts in an included single-gang decorator-style wallplate

Extron

DESCRIPTION

The Extron **AXI 22 AT D** is a single-gang decorator-style audio interface for integrating two mic/line sources onto a Dante®-enabled audio system. It features two XLR audio inputs and switchable 48 volt phantom power for connecting and powering condenser microphones, plus gain controls for each input. The AXI 22 AT D also features two line outputs on the back for routing any two channels from the Dante network to the analog input of a destination device, or connecting to an optional secondary wallplate with two XLR or RCA outputs. The AXI 22 AT D interfaces with any Dante-equipped audio device, such as an Extron DMP 128 Plus AT, over a standard local area network, and can be powered through PoE. This allows a single network cable connection for bidirectional audio and power from a central equipment rack.
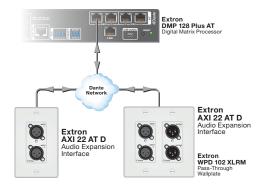
KEY FEATURES

▸ **Two mic/line inputs on XLR connectors for transmitting audio to a Dante network** – Each input includes selectable 48 volt phantom power and a rotary, detented gain control.

▸ **Two line outputs on rear panel captive screw connectors receive audio from a Dante network** – The line outputs can be used for routing any two audio channels from the Dante network to an amplifier, an ALS - assistive listening system, or connecting to an optional secondary wallplate with two XLR or RCA outputs.

▸ **Dante audio networking provides a wide range of expansion capabilities** – Dante-equipped audio products, including the AXI 22 AT D, provide scalability for creating larger audio systems over a local area network using standard Internet protocols.

▸ **Studio grade 24-bit analog-to-digital and digital-to-analog converters with selectable sample rates up to 96 kHz** – Professional converters fully preserve the integrity of the original audio signal, with selectable sampling rates via Dante Controller.

▸ **Input gain and phantom power controls located behind cover plate** – A removable cover plate on the front panel conceals all controls to prevent tampering.

▸ **Optional output wallplates for XLR or RCA connectivity** – Extron WPD 102 XLRM and WPD 102 RCA wallplates can be connected to the line outputs of the AXI 22 AT D, to provide a two-gang wall installation with XLR audio inputs and XLR or RCA outputs.

▸ **Power over Ethernet - PoE** – Allows the AXI 22 AT D to receive power over the Ethernet cable.

▸ **Mounts in an included single-gang decorator-style wallplate** – The single-gang decorator-style wallplate is available in black or white to blend with a wide range of environments.

SPECIFICATIONS

AUDIO	
Gain	Unbalanced output: -6 dB, balanced output: 0 dB
Frequency response	20 Hz to 20 kHz, ±0.3 dB
THD + Noise	<0.01% @ 1 kHz at maximum level
S/N	
Analog In to Digital Out	>95 dB, 20 Hz to 20 kHz, at full-scale output (unweighted)
Digital In to Analog Out	>95 dB, 20 Hz to 20 kHz, at maximum balanced output (unweighted)
Crosstalk	<-90 dB @ 1 kHz, fully loaded

AUDIO INPUT	
Number/signal type	2 mono mic/line, balanced/unbalanced
Impedance	>10k ohms, balanced/unbalanced
Nominal level	+4 dBu when level is set to 0 dB gain, adjustable from -60 dBu to +4 dBu
Maximum level	>+21 dBu (at rated THD + N) when input gain is set to 0 dB
Equivalent input noise	<-120 dBV (1 μVrms) at 45 dB gain
Input gain adjustment	0 dB to +45 dB, 5 dB steps, adjustable per input
Mic phantom power	+48 VDC ±10%, can be switched on or off per input

AUDIO OUTPUT	
Number/signal type	2 mono (or 1 stereo), balanced/unbalanced
Nominal level	-10 dBV (316 mV) or +4 dBu (1.23 V)
Maximum level (Hi-Z)	>+15 dBu balanced or >+9 dBu unbalanced

AT PORTS — AUDIO TRANSPORT	
Transmission	Dante
Audio format	Uncompressed, 24-bit, selectable at 44.1, 48, 88.2, or 96 kHz
Latency	Deterministic, based on user selection: 1.0 ms (default), 2.0 ms, 5.0 ms

GENERAL	
Power input requirements	12 VDC or Power over Ethernet (PoE 802.3at)
Power supply (optional)	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A, 12 watts
Power consumption	
Device	4.5 watts
Device and power supply	5.9 watts
Warranty	3 years parts and labor

Model	Version Description	Part number
AXI 22 AT D	2 In, 2 Out Expansion Interface - Decorator - Blk	60-1517-02
AXI 22 AT D	2 In, 2 Out Expansion Interface - Decorator - Wht	60-1517-03

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

APPLICATION DIAGRAM

Extron DMP 128 Plus AT Digital Matrix Processor

Dante Network

Extron AXI 22 AT D Audio Expansion Interface

Extron AXI 22 AT D Audio Expansion Interface

Extron WPD 102 XLRM Pass-Through Wallplate