

AXI 22 AT D

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



- ▶ 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
- ▶ Power over Ethernet - PoE
- ▶ Input gain and phantom power controls located behind cover plate
- ▶ Optional output wallplates for XLR or RCA connectivity
- ▶ Mounts in an included single-gang decorator-style wallplate
- ▶ 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



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 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 processors over a standard local area network, and can be powered through PoE.



Extron Electronics
INTERFACING, SWITCHING AND CONTROL

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 an amplifier, or connecting to an optional secondary wallplate with two XLR or RCA outputs. The AXI 22 AT D interfaces with any Dante-equipped audio processor, such as an Extron DMP 128 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

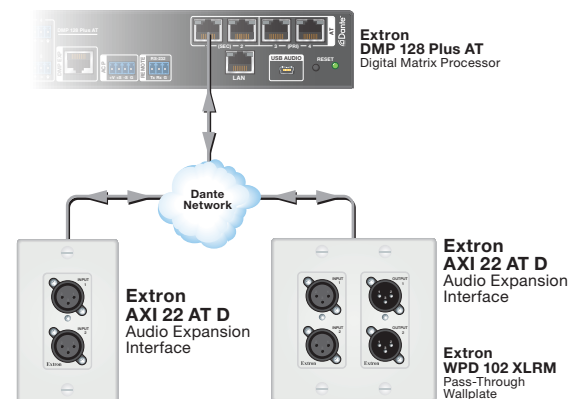
- ▶ **Two mic/line inputs on XLR connectors for transmitting audio to a Dante network** – Each input includes selectable 48 volt phantom power and a rotary, detented gain control.
- ▶ **Two line outputs on rear panel captive screw connectors receive audio from a Dante network** – The line outputs can be used for routing any two audio channels from the Dante network to an amplifier, an ALS - assistive listening system, or connecting into an optional secondary wallplate with two XLR or RCA outputs.
- ▶ **Power over Ethernet - PoE** – Allows the AXI 22 AT D to receive power over the Ethernet cable.
- ▶ **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.
- ▶ **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.
- ▶ **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 selectable up to 96 kHz** – Professional converters fully preserve the integrity of the original audio signal, with selectable sampling rates via Dante Controller.

SPECIFICATIONS

AUDIO		
Frequency response	20 Hz to 20 kHz, ±0.3 dB	
THD + Noise	<0.01% @ 1 kHz, at maximum level	
S/N	Analog to digital >95 dB, 20 Hz to 20 kHz, at full-scale output, unweighted Digital to analog >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 unbalanced/balanced	
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	
Noise level	<-120 dBV (1 µ Vrms) at 45 dB gain	
Input gain adjustment (mic)	0 dB to +45 dB, adjustable per input in 5 dB steps	
Mic phantom power	+48 VDC ±10%. Can be switched on or off.	
AUDIO OUTPUT		
Number/signal type	2 mono (or 1 stereo), balanced/unbalanced	
Maximum level (Hi-Z)	>+15 dBu balanced or >+9 dBu unbalanced	
AT PORTS – AUDIO TRANSPORT		
Transmission type	Dante	
Audio format	24 bit uncompressed, selectable at 44.1, 48, 88.2, and 96 kHz sampling rate	
Latency	Deterministic, based on user selections: 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	
Furniture or wall mount	Yes, with 1-gang wall box or mud ring	
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



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