

AXI 02 AT

TWO OUTPUT DANTE AUDIO INTERFACE



The Extron AXI 02 AT is a Dante® audio interface that easily extracts two channels of analog and digital audio from a Dante audio network. Use it to integrate legacy equipment that doesn't support Dante connectivity or to add a pair of local or remote outputs to a Dante audio network.

- ▶ Extracts two audio channels from a Dante network
- ▶ Mirrored two-channel analog and S/PDIF audio outputs
- ▶ Studio grade 24-bit digital-to-analog conversion with selectable sampling rates up to 96 kHz
- ▶ Power over Ethernet
- ▶ Analog output is software adjustable using SIS commands via USB or DSP Configurator
- ▶ 1U, eighth rack width enclosure, ZipClip 100 included

DESCRIPTION

The Extron **AXI 02 AT** is a compact audio interface that extracts two channels from a Dante® audio network. This Dante Audio Interface provides two channels of audio output from the network to devices without Dante connectivity. It features two line level analog outputs on captive screw connectors with a mirrored two-channel S/PDIF output on a coaxial RCA connector. The AXI 02 AT interfaces with a Dante audio network over a standard local area network, and is powered through PoE. The AXI 02 AT includes a ZipClip® 100 Mounting Kit and is compatible with Extron Rack Shelves and ZipClip 200 mounting solutions.

Easily Provide Local or Remote Connectivity into Audio Systems

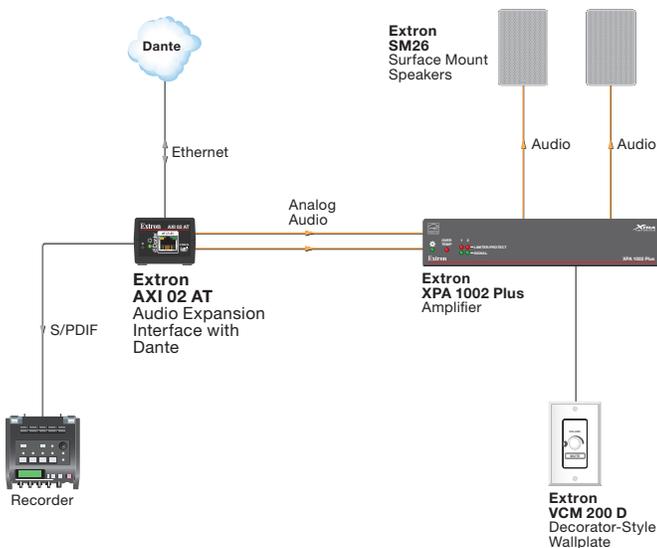
The AXI 02 AT can accept any two audio channels from a Dante network and deliver them through its two line level outputs and mirrored two-channel S/PDIF output. The analog outputs also provide adjustable attenuation, configured with DSP Configurator Software.

Dante Audio Networking

Dante enables audio system scalability over a local area network using standard Internet protocols. The family of Dante-enabled products from Extron work together as part of a complete networked audio system solution and integrate with other Dante-enabled products to create efficient, scalable system designs. They accommodate a wide range of audio routing needs in a variety of applications.

Setting up a network of Extron Dante-enabled products, including the AXI 02 AT, requires Dante Controller software. Dante Controller is used to easily assign a Dante source to an output on the AXI 02 AT.

APPLICATION DIAGRAM



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	>115dB, 20 Hz to 20 kHz at maximum output (unweighted)	
Crosstalk	<-90 dB @ 1 kHz, fully loaded	
Output attenuation	-100 dB to 0 dB (in 1 dB steps)	
AUDIO OUTPUT — ANALOG		
Number/signal type	2 mono (or 1 stereo), balanced/unbalanced	
Connector	(1) 3.5 mm captive screw connector, 6-pole	
Nominal level	-10 dBV (316 mV) or +4 dBu (1.23 V)	
Maximum level (Hi-Z)	>+21 dBu balanced or >+15 dBu unbalanced	
AUDIO OUTPUT — DIGITAL		
Number/signal type	2 PCM (or 1 stereo)	
Connector	1 RCA connector	
Impedance	75 ohms	
AT PORTS — AUDIO TRANSPORT		
Transmission	Dante	
Connector	1 RJ-45 connector to Dante interface	
Inputs	2 channels Rx (2 flows, unicast or multicast)	
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	Power over Ethernet (PoE 802.3af)	
Cooling	Convection, no vents	
Mounting		
Rack mount	Yes, with optional 1U high rack shelf, with included ZipClip® 100 mounting clip, or by securing to rack rails with tie wraps	
Furniture mount	Yes, with included ZipClip® 100 mounting clip	
Enclosure type	Plastic	
Enclosure dimensions	1.62" H x 2.13" W x 4.42" D (1U high, one eighth rack wide) (42 mm H x 55 mm W x 113 mm D)	
Product weight	0.25 lbs (0.1 kg)	
Warranty	3 years parts and labor	
NOTE: All nominal levels are at ±10%		
Model	Version Description	Part number
AXI 02 AT	Two Output Dante Audio Interface	60-1753-01
Optional Accessories		
Model	Version Description	Part number
ZipClip 200	Mounting Kit for 1/8 and 1/4 Rack Width Products	101-001-01

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

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