



# Specifications

## AXI 02 AT

### 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	
Digital In to Analog Out.....	>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
Impedance.....	50 ohms unbalanced, 100 ohms balanced
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)
PoE power injector (optional).....	XTP PI 100
Power consumption	
Device .....	3.2 watts
Device and power injector..	5.4 watts
Temperature/humidity .....	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling .....	Convection, no vents
Thermal dissipation	
PoE power injector (optional) ...	XTP PI 100
Device .....	10.9 BTU/hr
Device and power injector..	18.3 BTU/hr
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

## Specification • AXI 02 AT (Continued)

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)
Vibration .....	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety .....	CE, c-UL, UL
EMI/EMC.....	CE, C-Tick, FCC Class A, ICES, VCCI Class A
Environmental.....	Complies with the appropriate requirements of RoHS, WEEE
Warranty .....	3 years parts and labor

**NOTE:** All nominal levels are at  $\pm 10\%$

**NOTE:** Specifications are subject to change without notice

**NOTE:** Shipping weights and dimensions are available at [www.extron.com](http://www.extron.com).

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