QSC

Attero Tech by QSC

Axon D2i

Dante™/AES67 network audio interface

Features

- Single-gang, network audio interface provides easy integration of analog audio devices into network AV systems

- Two (2) balanced mic/line inputs ona 3-pin XLR (mic level) with combination ¼" TRS connector (line level)

- +48 V phantom power

- Front panel LEDs indicate input signal levels

- Line level input includes an inline attenuator pad (max +24 dBu)

- Integrated Axiom port enables integration of Attero Tech by QSC Axiom wallplates into network AV systems (includes RS-232 control pass-through)

- Balanced TRS input has a fixed pad to accomodate inputs up to +24 dBu

- PoE (802.3af)

- Available Q-SYS Extension

- Dante Domain Manager ready

- Ships with both black and white Decora faceplates and fascia inserts

Applications: Hospitality • Convention Center • Houses of Worship • Judicial and Legislative Venues • Meeting Spaces • Classrooms

The Attero Tech by QSC Axon D2i is a single-gang, Dante/AES67 network audio I/O wallplate for network AV systems, including the Q-SYS Ecosystem. With two balanced mic/line inputs in a cost-effective form-factor, it provides easy integration of analog devices into a wide range of network audio applications. A Q-SYS Extension further simplifies integration, letting integrators quickly add the Axon D2i to Q-SYS installations without the need for any programming.

Convenient I/O integration: The Axon D2i Dante/AES67 network audio I/O wallplate features two XLR+1/4" TRS combo inputs to provide an easy on-ramp for microphones, instruments or mixer outputs into a networked AV system. This enables portable applications, such as presentations, conferences or pop-up events, where conveniently located audio connectivity is a must.

Axiom port for added flexibility: The Axon D2i provides connectivity for Axiom devices through the Axiom port on the wallplate's rear panel. This allows integrators to pair the Axon D2i with any Axiom wallplate (USB, Bluetooth, or XLR) for added I/O customization in applications where analog audio devices need to be network routable.

Q-SYS Ecosystem integration: With the available Q-SYS Extension, integration of the Axon D2i into Q-SYS is simple. Quickly deploy the wallplate into your Q-SYS design, exposing audio control and signal monitoring of the Axon D2i or connected Axiom devices via native Q-SYS touch screens without the need for any programming (as of Q-SYS Designer Software v8.4, the Q-SYS Scripting Engine license is not required to deploy designs with Attero Tech by QSC devices).

D2i Details

Audio

Input type	Combination XLR/TRS balanced mic/line connector
Gain	XLR (mic level): -8 dB to +34 dB,1 dB steps TRS (line level): fixed 16dB pad accommodates +24 dBu input levels
THD+N	<= 0.05% at -3 dBFS
Dynamic range	>= 110 dB (20 -22 kHz)
Frequency response	20 to 20 kHz, ± 1 dB at all attenuation settings
EIN	-120 dBu at maximum gain

Axiom

Physical layer	Analog audio, RS-232 control, 24 V DC power
Connector	8P8C
Cable Quality	CAT-5e or better, UTP

Dante™/AES67 Network

Physical layer	Ethernet
Connector(s)	RJ-45
Cable quality	CAT-5e or better, UTP
Transmission speed	100 Mbps
Supported bit rates	16, 24 bits
Minimum audio latency	1 ms
AES67 support	SAP-based stream discovery

Power

PoE power	802.3af Class 0
Power consumption	< 12 W max
Operating temperature	0 to 40° C

General

Dimensions (H x W x D)	4.2 x 1.7 x 2.1 in (106.7 x 43.2 x 53.3 mm)
Weight	0.33 lbs (0.15 kg)
Certifications	FCC Part 15, Subpart B EN 55032:2015 Class A (Class B with ferrite clamp) RoHS WEEE

D2i Details

Dimensions: