

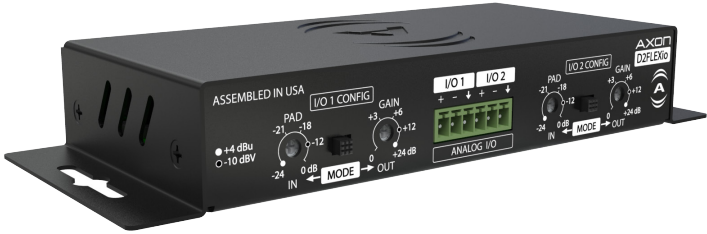


Atterro Tech by QSC
Axon D2FLEXio

Dante/AES67 scalable mic/line connectivity interface

Features

- Dual analog flex I/O, selectable via recessed slide switches (2x0, 1x1, 0x2)
- I/O trim potentiometers for accomodating professional and consumer audio line levels
- 44.1, 48, 88.2, 96 kHz, 24 bit audio conversion to and from a Dante network
- Small form factor with integrated mounting tabs
- PoE or DC powered
- Supports Dante Domain Manager



Applications: Huddle Spaces • Lecture Halls • Courtrooms • Education • Conference Centers

The Axon D2FLEXio provides cost-effective analog audio connectivity for network AV systems.

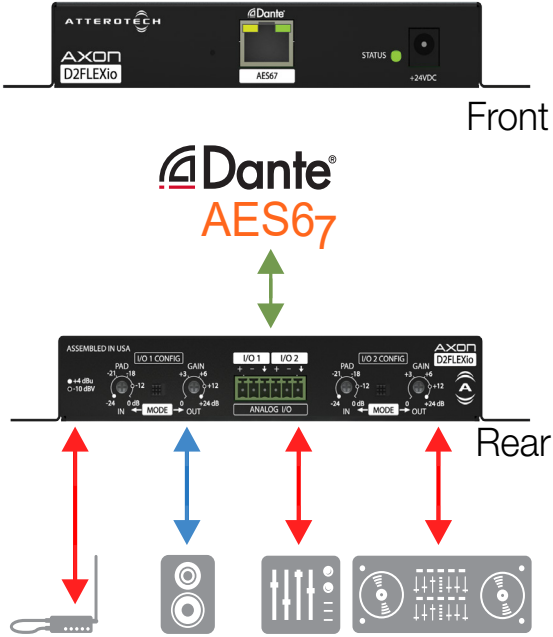
Each analog audio I/O features a selectable switch to assign input or output audio connectivity. This flexibility provides a single product solution for cost-effective analog audio conversion to and from any Dante or AES67 system.

The small, unobstrusive form factor allows for simple integration into your AV system.

Retrofit connectivity for non-networked AV equipment to and from a Dante or AES67 audio network:

- Power amplifiers and powered speakers
- Wireless microphone receivers
- In-ear monitor transmitters
- Electronic instruments and DJ equipment
- Mixers, DSPs and other audio signal processing gear

Application Example*



*application illustration only, maximum of 2 channels analog I/O connectivity

Axon D2FLEXio Details

Specifications

Audio Inputs (when selected)

I/O Type	2x switchable balanced and RF filtered 3-pin de-pluggable terminal blocks
Maximum Input levels	0 dBu to +24 dBu line-level (pad attenuation 0 to -24 dB)
THD+N	<= 0.05% at 3 dB for all attenuation levels
Dynamic range	>= 100 dB (20 - 22 kHz)
Frequency response	20 to 20 kHz, +/- 1 dB at all attenuation settings

Audio Outputs (when selected)

I/O Type	Two switchable Balanced and RF filtered 3-pin de-pluggable
Maximum Output Level	0 dBu to +24 dBu (0 to +24 dB gain range)
THD+N	<= 0.05% at 3 dB for all gain levels
Dynamic Range	>= 95 dB (20 - 22 kHz) @ any output gain

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
Supported sample rates	44.1 kHz, 48 kHz (default), 88.2 kHz, 96 kHz
Minimum audio latency	1 ms
AES67 support	AES67, SAP based stream discovery

Power Specifications

PoE power	802.3af Class 0
Power consumption	< 3 W max
Local power	+24 VDC

General

Dimensions (HWD)	1 x 6.5 x 2.6 in (25.4 x 16 x 66 mm)
Weight	0.65 lb (0.29 kg)

Regulatory compliance	FCC Part 15, Subpart B, Class A EMC CE (EN55032 EMC / EN55024 ESD) WEEE RoHS REACH
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Environmental

Operating temperature	0 to 40° C
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