Attero Tech by QSC
Axon A4Mio | Axon A8Mio

AES67 Network Audio I/O Endpoints

Features

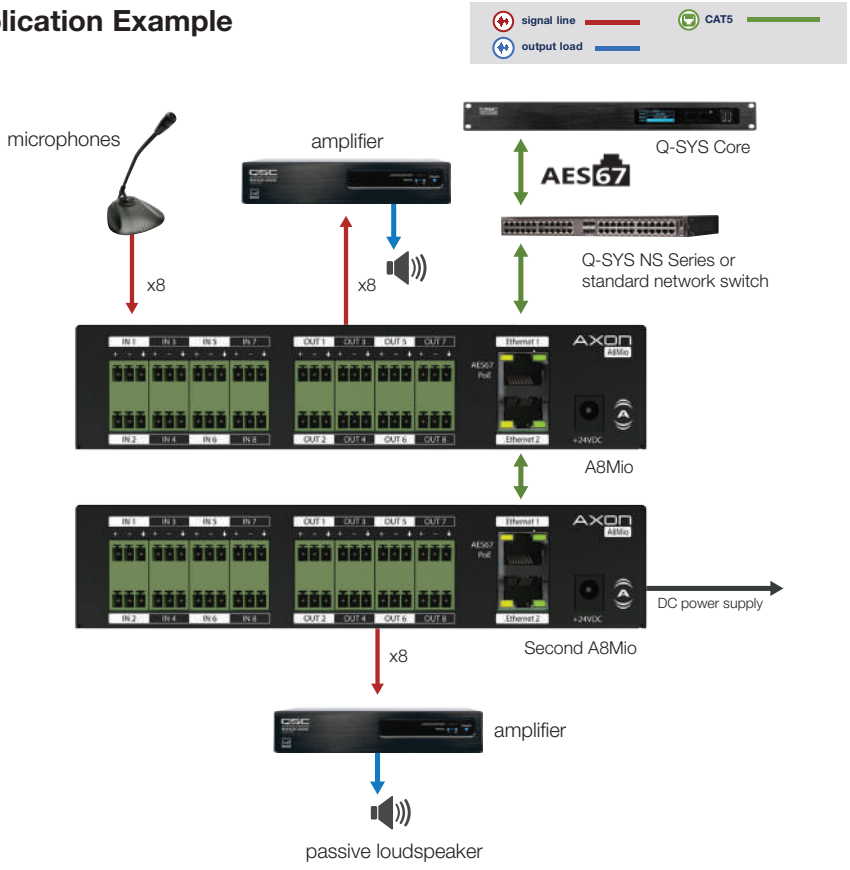
- A8Mio: 8x8 mic/line analog I/O
- A4Mio: 4x4 mic/line analog I/O
- Software-controlled preamps
- PoE powered
- AES67 network daisy chain support
- Q-SYS plugin support
- 1/3 RU (A4Mio) and 1/2 RU (A8Mio) with table and rack mounting accessories

Applications: Boardrooms • House of Worship • Fitness • Huddle Spaces • Higher Education • Courtrooms

The Axon A8Mio and A4Mio are high-performance, AES67 network audio I/O endpoints for installed AV systems, including the Q-SYS Ecosystem. These fixed-channel endpoints offer a cost-effective I/O solution to integrate analog audio channels into a wide range of network audio applications while maintaining small form factors.

Simple Q-SYS Ecosystem Integration: A Q-SYS Designer control plugin helps expedite the installation process, allowing integrators to drag-and-drop Axon audio endpoints into a Q-SYS design without the need for any complicated control programming. The plugin enables full preamp control on Q-SYS control devices.

Application Example



Axon A4Mio | A8Mio Details

A4Mio Specifications

Audio Inputs (Mic/Line)	
Connector type	3.81 mm Euro, 3 position (16-28 AWG)
Gain	-8 dB to +34 dB gain, 1 dB increments
Input impedance	>2 KΩ at any gain
Maximum input level	-8 dB gain, max input = +16.5 dBu (+24 dBu w/pad)
Phantom power	+48 V, software selectable per channel
THD+N	<0.05% @ 1 kHz, -3 dBFS input. 20-20 kHz
Frequency response	20-20 kHz, +/- 1 dB (Line), 50-20 kHz +/- 1 dB (Mic)
EIN	-125 dBu

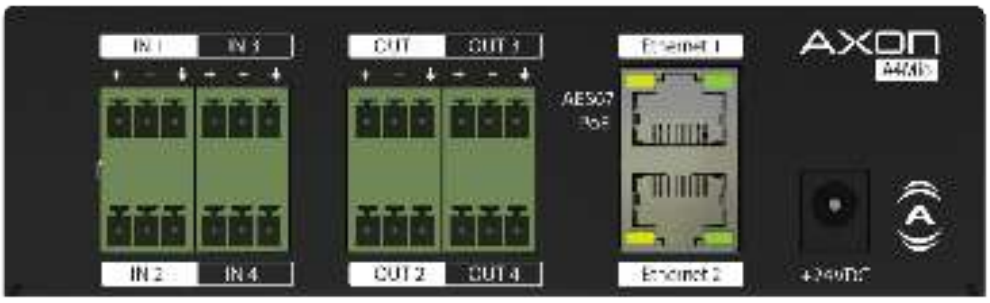
Audio Line Outputs	
Connector type	3.81 mm Euro, 3 position (16-28 AWG)
Maximum output levels	+24 dBu
THD+N	20 Hz-20 kHz, +/-1 dB
Frequency response	20-20 kHz, +/- 1 dB (Line), 50-20 kHz +/- 1 dB (Mic)
Dynamic range	100 dB

Network	
Physical layer	Ethernet
Connector (s)	Dual RJ-45
Cable quality	CAT-5e or better, UTP
Transmission speed	1 Gbps

Power	
PoE power	802.3.af/at Class 0
Power consumption	<7 W (with phantom power enabled and powered by 24 V DC) <8 W (on PoE)
Power options	PoE, +24 V DC (PoE and external DC can be used for redundancy)

General	
Dimensions (HWD)	1.6 x 5.4 x 7.9 in (40.6 x 137.2 x 200.7 mm)
Weight	1.8 lb (0.83 kg)
Mounting options	Rack-mountable, 1 RU 1/3-rack width Surface-mountable *All mounting hardware offered as accessories
Regulatory compliance	FCC Part 15, Subpart B, Class A EMC CE (EN55032 EMC / EN55035 ESD) WEEE RoHS REACH

Environmental	
Operating temperature	0 to 40° C



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Axon A4Mio | A8Mio Details

A8Mio Specifications

Audio Inputs (Mic/Line)	
Connector type	3.81 mm Euro-block, 3 position (16-28 AWG)
Gain	-8 dB to +34 dB gain, 1 dB increments
Input impedance	>2 KΩ at any gain
Maximum input level	-8 dB Gain, max input = +16.5 dBu (+24 dBu w/pad)
Phantom power	+48 V, software selectable per channel
THD+N	<0.05% @ 1 kHz, -3 dBFS input. 20-20 kHz
Frequency response	20-20 kHz, +/- 1 dB (Line), 50-20 kHz +/- 1 dB (Mic)
EIN	-125 dBu

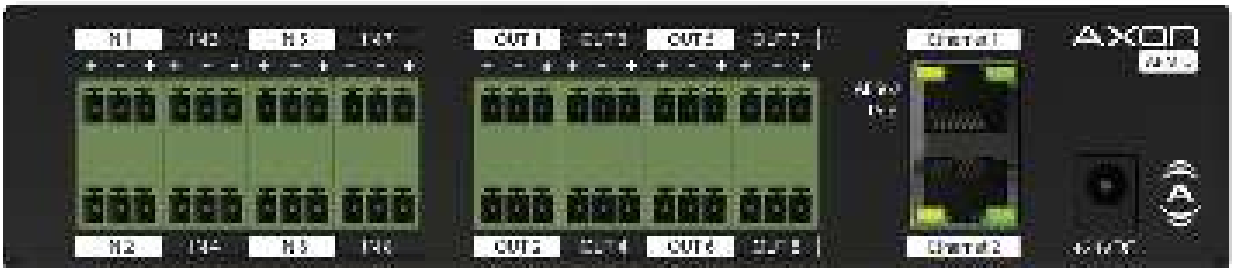
Audio Line Outputs	
Connector type	3.81 mm Euro-block, 3 position (16-28 AWG)
Maximum output levels	+24 dBu (-15.5 dBU w/pad)
THD+N	<0.05% @ 1 kHz, -3 dBFS output. 20-20 kHz
Frequency response	20-20 kHz, +/- 1 dB (Line), 50-20 kHz +/- 1 dB (Mic)
Dynamic range	100 dB

Network	
Physical layer	Ethernet
Connector (s)	Dual RJ-45
Cable quality	CAT-5e or better, UTP
Transmission speed	1 Gbps

Power	
PoE power	802.3.af/at Class 0
Power consumption	<10 W (with phantom power enabled and powered by 24 V DC) <12 W (on PoE)
Power options	PoE, +24 V DC (PoE and external DC can be used for redundancy)

General	
Dimensions (HWD)	1.6 x 7.4 x 8 in (40.6 x 188 x 203 mm)
Weight	2.1 lbs (0.95 kg)
Mounting options	Rack-mountable, 1 RU 1/3-rack width Surface-mountable *All mounting hardware offered as accessories
Regulatory compliance	FCC Part 15, Subpart B, Class A EMC CE (EN55032 EMC / EN55035 ESD) WEEE RoHS REACH

Environmental	
Operating temperature	0 to 40° C



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