



Attero Tech Axon Series Axon A4Mio | Axon A8Mio

KEY 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



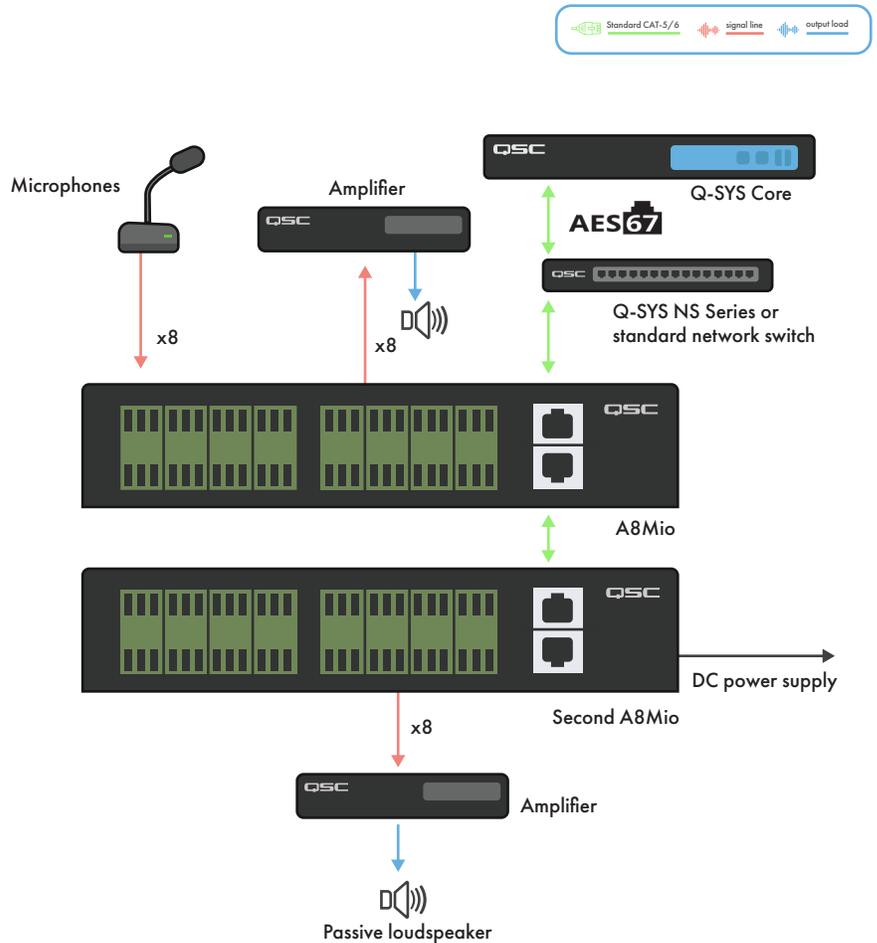
Attero Tech Axon A4Mio / Axon A8Mio

AES67 Network Audio I/O Endpoints

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.



Axon A4Mio

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 K Ω 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 |

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 option | 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 |

Network

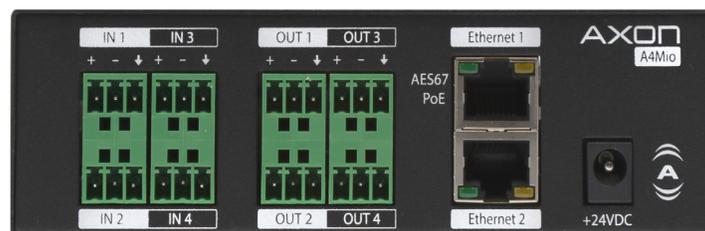
| | |
|--------------------|-----------------------|
| Physical layer | Ethernet |
| Connector(s) | Dual RJ-45 |
| Cable quality | CAT-5e or better, UTP |
| Transmission speed | 1 Gbps |

Power

| | |
|-------------------|---|
| PoE | 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) |

Environmental

| | |
|-----------------------|------------|
| Operating temperature | 0 to 40° C |
|-----------------------|------------|



Axon A8Mio

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 K Ω 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 (-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 |

General

| | |
|-----------------------|---|
| Dimensions (HWD) | 1.6 x 7.4 x 8 in (40.6 x 188 x 203 mm) |
| Weight | 2.1 lb (0.95 kg) |
| Mounting option | 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 |

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) |

Environmental

| | |
|-----------------------|------------|
| Operating temperature | 0 to 40° C |
|-----------------------|------------|

