QSC®

**Attero Tech by QSC
Axon A4FLEX**

AES67 scalable mic/line connectivity interface

Features

- 4 x 0, 3 x 1, 2 x 2 mic/line flexible analog I/O

- 2 x 2 USB audio interface, configurable device name and terminal type

- PoE+ powered

- Configurable and network assignable logic I/O

- Fixed architecture DSP

- AES67 audio networking or standalone operation with network control

- 2 x 10 W power amplifier output (2 x 5 W on PoE+)

- AES67 network daisy chain support with Power Link

- Front panel level and status indicators

- 1/3 RU with table and rack mounting accessories

- Q-SYS control plugin available through Q-SYS Designer Asset Manager

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

The Attero Tech Axon A4FLEX is a compact and scalable mic/line connectivity solution for the Q-SYS™ Ecosystem and other third-party AES67 networked audio, video and control (AV&C) systems. It features four mic/line inputs (two of which are software-configurable as outputs), USB and AES67 audio and control interfaces, logic I/O and a two-channel power amplifier.

The Axon A4FLEX is equally suited to act as a standalone integration solution for the huddle space, small conference room or network audio I/O endpoint for a networked AV&C system in a wide range of applications.

QSC has developed a Q-SYS control plugin that offers simple integration into the Q-SYS Ecosystem, without the need for any programming.

Front
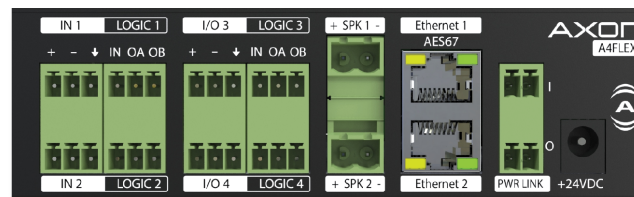
Rear

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. 20-20kHz
Frequency response	20-20 kHz, +/- 1 dB (Line), 50-20kHz +/- 1 dB (mic)
EIN	-125 dBu

Audio Outputs (Mic/Line)

Connector type	3.81 mm Euro-block, 3 position (16-28 AWG)
Maximum output levels	+24 dBu (-15.5 dBU w/pad)
Phantom power	+48 V, software selectable per channel
THD+N	<0.05% @ 1 kHz, -3 dBFS input. 20-20kHz
Frequency response	20-20 kHz, +/- 1 dB (Line), 50-20kHz +/- 1 dB (Mic)
Dynamic range	100 dB

General

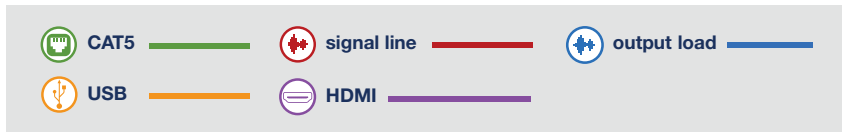|	
Dimensions (HWD)	1.6 x 5.4 x 7.9 in (41 x 137 x 200 mm)
Weight	1.8 lb (0.83 kg)
Mounting options	Rack-mountable, 1 RU 1/3-rack width Surface-mountable *All mounting hardware offered as accessories
Regulatory compliance	FCC Part 15, Subpart B, Class A EMC CE (EN55032 EMC / EN55035 ESD) WEEE RoHS REACH

Network

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

Environmental

Operating temperature	0 to 40° C

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Axon A4FLEX Details

Legend

CAT5	signal line	output load
USB	HDMI	

Ceiling loudspeaker application example:

Q-SYS Core 110f

AV Network

A4FLEX

Multi-element
Ceiling Mic

Ceiling
Loudspeakers

Network Switch

Room PC
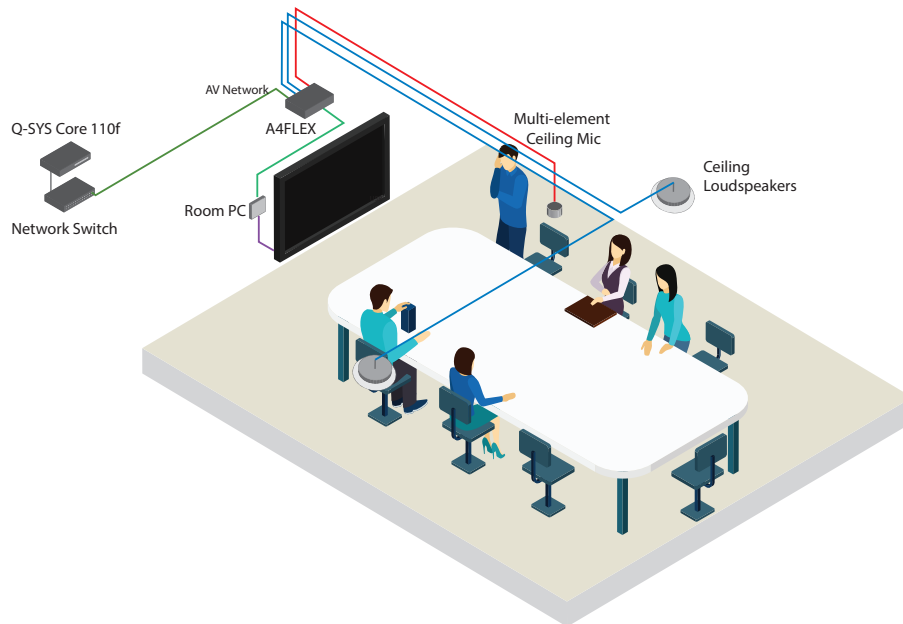
Huddle space application example:

Display
Soundbar

A4FLEX

USB Audio

Table
Microphones

Axon A4FLEX Spec Sheet 12/4/2019

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