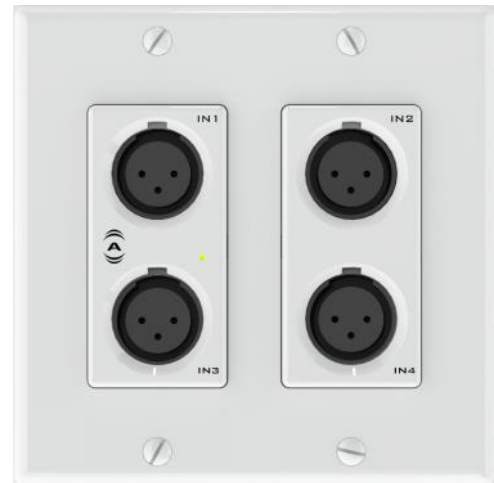


unAX4I

AES67 IN-WALL I/O INTERFACE

The unAX4I AES67 Audio Interface is a cost effective multi-IO wall box. The unAX4I features four balanced mic/line XLR inputs and two balanced line outputs on a Phoenix connector. All inputs and outputs can be used simultaneously and all audio channels are available separately. The unAX4I is designed to fit into most dual gang US junction boxes and is PoE enabled, so all connectivity (power and data) is provided by a single CAT-5 cable. The unAX4I's size and IO density make it easy to put AES67 connectivity wherever it's needed - near the audio source or sink - thereby eliminating costly and interference prone analog wiring.



FEATURES AND BENEFITS

- Small form factor, can be unobtrusively located near analog sources or sinks
- 4 balanced XLR mic/line inputs on the front panel, and 2 side mounted balanced line outputs on Phoenix-style depluggable connectors
- 802.3af compliant PoE powered to work with any compliant PoE network switch
- Four input gains accommodate common line levels, phantom power and dynamic mics. Input gains are adjustable via software on a per input basis
- +48V Phantom power per channel - powers virtually all types of phantom powered microphones typically used in installed AV systems
- ID LED allows easy identification of which unAX4I Attero Tech's Unify software is communicating with
- The balanced line outputs can be wired to any passive XLR plate such that 4 XLR inputs and 2 XLR outputs are available in a 3-gang US wall space.
- AES67 for compatibility with all QSC Core DSPs
- Built-in tone generator for audio system diagnostics

APPLICATIONS

- Easily accessible microphone audio interface for presentation audio systems in meeting spaces, classrooms, theaters and hospitality venues.
- House of worship AES67 connectivity for musicians and worship leaders
- Conveniently located audio network I/O for portable AV systems in convention spaces and hospitality venues

ABOUT ATTERO TECH

Attero Tech is a leading provider of networked audio and connectivity interfaces. These innovative products make it cost effective for audio installations to include high performance connectivity. Attero Tech is headquartered in Fort Wayne, Indiana USA - where all of our products are designed and built. Contact us at:

260.496.9668

www.atterotech.com

unAX4I Front and Rear Panels



SPECIFICATIONS

Mic/Line Input Type: Balanced and RF filtered XLR

Phantom Power: +48V, software selectable

Mic/Line Gain: -18dB (pad active), -3dB, +25dB, +40dB, software selectable

Input Impedance: >1.8K ohms at any gain setting

Equivalent Input Noise: -115dBu (+40dB gain)

Maximum Input Levels: +20dBu @ -18dB gain (pad active), +6dBu @ -3dB gain, -23dBu @ +25dB gain, -38dBu @ +40dB gain

Side Line Output Type: Balanced and RF filtered 3-pin depluggable

Output Volume: 0dB to -60dB plus mute, software selectable

Output Noise: <-85dBu @ 0dB gain

Maximum Output Level: +20dBu (@ 0dB output gain)

System THD: <.05% at any gain, input signal 3dB below maximum

Power Consumption: < 5W max

PoE Class: Class 0 802.3af PoE PD compliant

Certifications: FCC 47CFR Parts 15B and 18 (Class A), EN 55011, ICES-003, CE (EN55022 Class A and EN55024 Class A)

Dimensions: 3.54" W x 4.2" H x 2.0" D

Operating Temperature: 0°C - 40°C

ARCHITECTS & ENGINEERS SPECS

The AES67 interface unit shall provide four XLR balanced mic/line analog inputs on the front panel and two balanced line level outputs on a side panel Phoenix connector. The inputs shall have selectable gain options of -18dB, -3dB, +25dB, and +40dB. The inputs shall have +48V phantom power. The output gain shall be adjustable from 0dB to -60dB in 1dB increments. Input gain, output volume, and phantom power shall be selectable via software.

Each analog input shall be included in an AES67 multicast audio transmit stream, and each analog output shall be capable of being driven from a channel within an AES67 multicast audio stream.

The internal analog to digital conversions shall be performed at 24 bit resolution with a 48kHz sampling rate. The AES67 interface shall receive power over the Ethernet cable from an 802.3af PoE compliant network switch. The AES67 interface shall be in-wall mounted in a standard US dual gang junction box.

The AES67 interfaces shall be compatible with Attero Tech Unify software for flexible control and monitoring in systems applications. The AES67 interface shall be compliant with the RoHS directive. The AES67 interface unit shall be compliant with FCC 47CFR Parts 15B and 18 (Class A), EN 55011, ICES-003, CE (EN55022 Class A and EN55024 Class A)

The AES67 interface unit shall be the Attero Tech unAX4I.