Product Family Overview

Axiom products provide simple, flexible and installation friendly solutions for audio connectivity and audio signal extension in installed audio applications. These products are excellent solutions for cost sensitive applications such as education, retail, small hospitality and house of worship applications with no compromises in functionality, performance or aesthetics.

Broad Integration - Axiom products may be paired with the analog I/O of any mixer, DSP or amplifier using any Axiom analog expander product.

Control - In addition to flexibility in audio connectivity, the Axiom bus provides RS-232 control to one device on the bus, adding additional control integration capabilities for Axiom products featuring control. All Axiom products that feature control capabilities are supported for system configuration and commissioning within Attero Tech's unIFY Control Panel software.

Common Features

- Single gang US standard Decora-style form factor for modular design flexibility (In-wall Axiom products)

- Unshielded CAT-X cabling infrastructure used for Axiom bus connectivity with daisy chain support for up to 2 Axiom products (100 meter total cabling length)

- Axiom bus supports RS-232 connectivity for Axiom products that feature control capabilities

- White and black color options are included with all Axiom wall plate products

Applications

▶ Hospitality AV
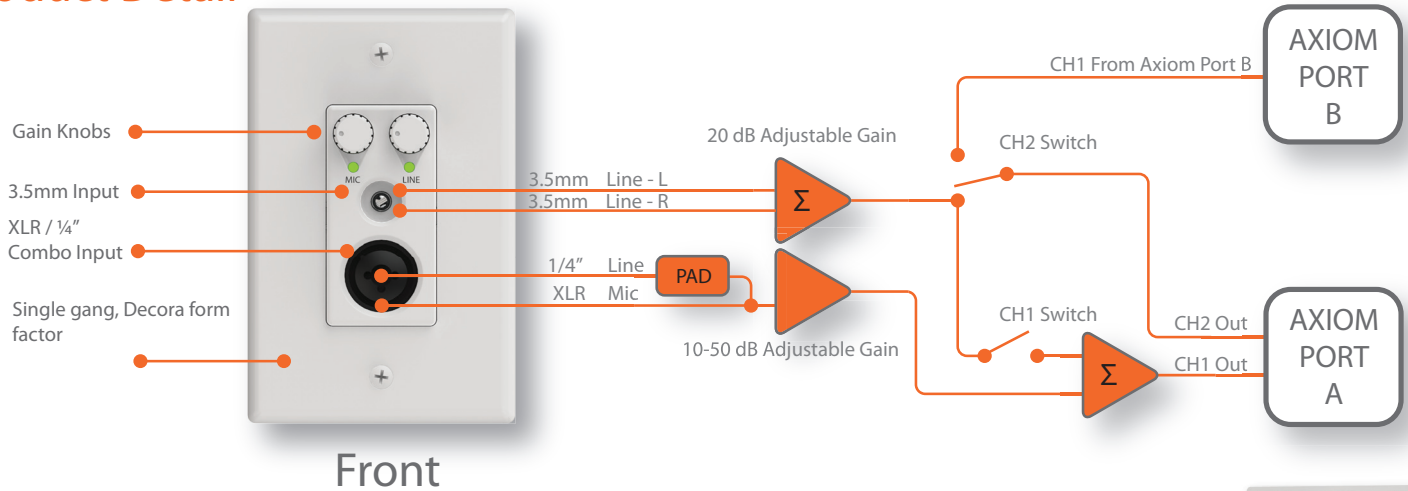
▶ Retail AV

▶ Education

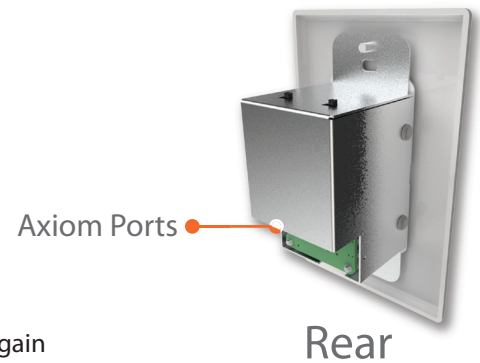▶ House of Worship

▶ Presentation AV Systems

Axiom
ML1

Product Detail

Gain Knobs

3.5mm Input

XLR / ¼" Combo Input

Single gang, Decora form factor

MIC LINE

3.5mm Line - L
3.5mm Line - R

1/4" Line
XLR Mic

PAD

20 dB Adjustable Gain

Σ

10-50 dB Adjustable Gain

CH1 From Axiom Port B

CH2 Switch

CH1 Switch

Σ

CH2 Out
CH1 Out

AXIOM PORT B
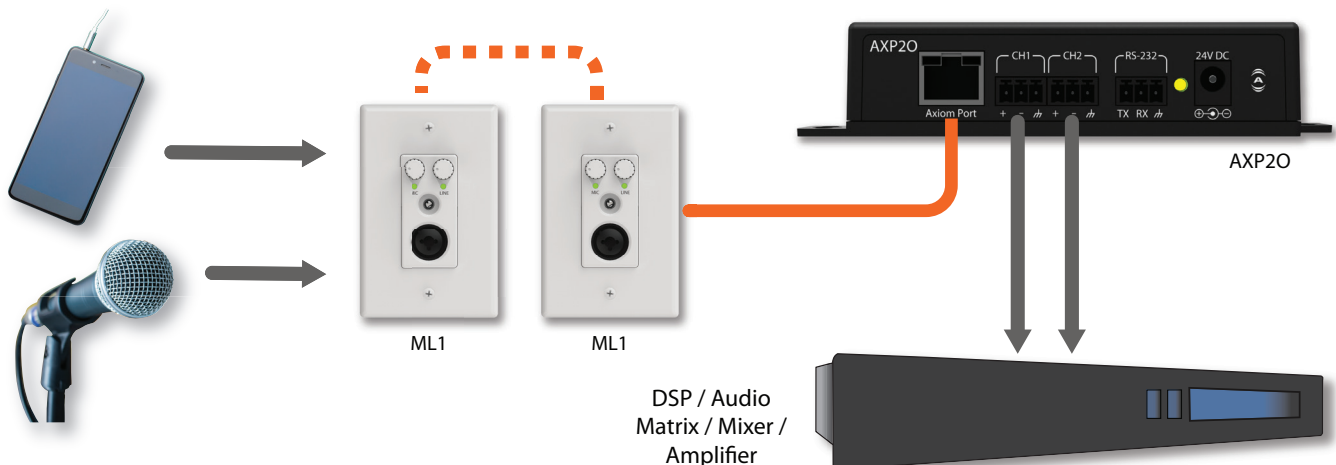
AXIOM PORT A

Front

Product Overview

The Axiom ML1 provides an installation friendly, simple to operate analog audio extension of analog mic and line level sources for cost-sensitive applications such as small and medium sized retail, restaurant, education and hospitality venues.

Axiom Ports

Rear

Features
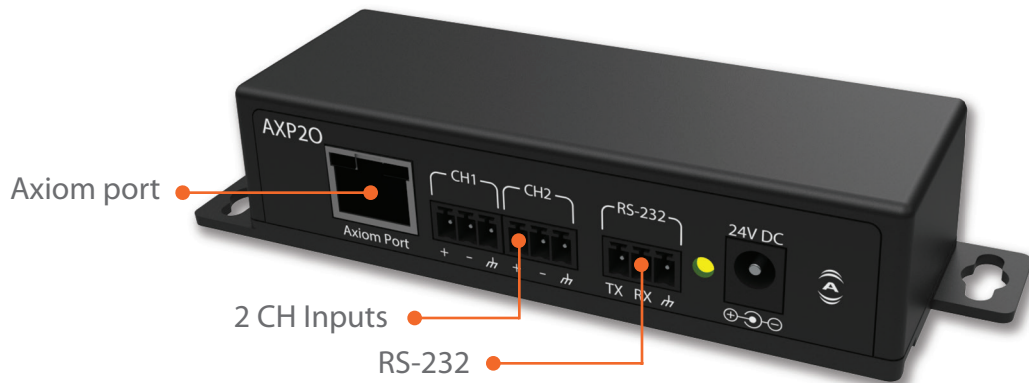
- The XLR input provides connectivity for dynamic microphones with 50 dB of adjustable gain

- The ¼" connector on the combination XLR includes a fixed attenuator pad for +4 dBu nominal input levels

- A 3.5mm jack provides consumer (-10 dBV nominal) input level with 20 dB of adjustable gain and is summed to mono

- Audio signal level indicator LEDs for each input provide quick feedback for proper input gain adjustments

- Selectable sum to mono option for both inputs, allowing 2 ML1s or another Axiom device to be daisy-chain connected on a single bus

Application Example

AXP2O

CH1 CH2 RS-232 24V DC
Axiom Port + + TX RX

ML1 ML1

AXP2O

DSP / Audio Matrix / Mixer / Amplifier

Axiom
AXP2O

Product Detail

- Axiom port
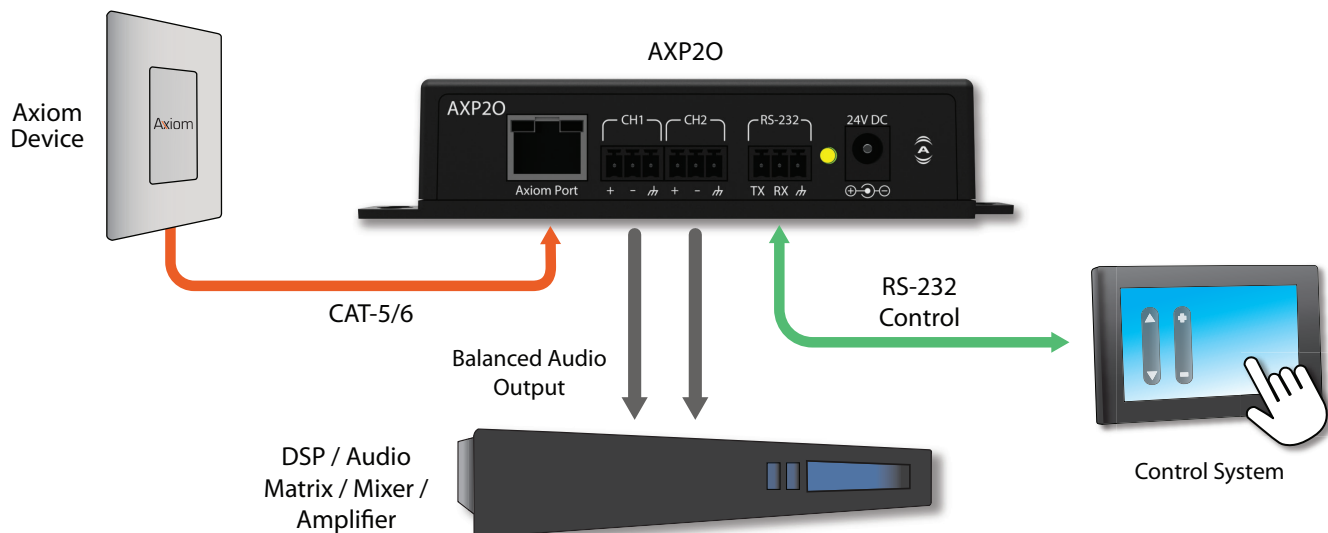- 2 CH Inputs
- RS-232

Product Overview

The Axiom AXP2O provides analog audio output breakout, power injection and control system connectivity to Attero Tech's Axiom endpoint products. The installer friendly form factor allows it to be placed on an equipment rack shelf or mounted to any flat surface.
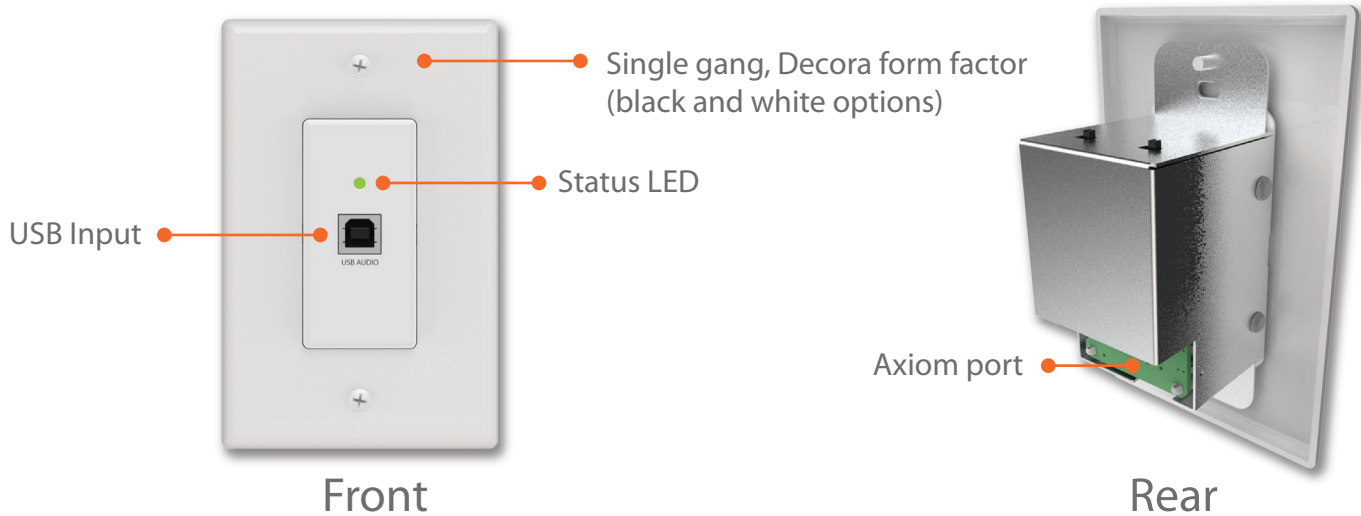
Features

- Analog Output - 2 Balanced line-level analog outputs for connectivity to mixers, amplifiers and signal processors
- Axiom Port - Supports connectivity to any Attero Tech Axiom endpoint
- RS-232 - Provides RS-232 connectivity to control systems for extending control to suppoirted Axiom products (limited to one control-enabled Axiom endpoint on the Axiom bus)
- LED indication of power status

Application Example

AXP2O

- Axiom Device
- CAT-5/6
- Balanced Audio Output
- DSP / Audio Matrix / Mixer / Amplifier
- RS-232 Control
- Control System

Product Detail

Single gang, Decora form factor (black and white options)

Status LED

USB Input

Front

Axiom port

Rear

Product Overview

The USB1 provides an installation friendly and flexible analog audio extension solution for USB audio playback and recording applications for education, conferencing and hospitality venues.

Features

- Installer configurable USB audio device name and 1x1, 2x0, 1x0 USB audio playback/record channels
- LED indication of power and mute state
- RS-232 control over volume and mute
- Simple to operate plug and play USB soundcard solution for integrated environments
- Axiom bus support allows for flexible integration into system designs with other Axiom devices

Application Example

Axiom Bus

AXP2O

ML1

USB1

RS-232 Control

DSP / Audio Matrix / Mixer / Amplifier

Control System