# SAVANT

WiSA
CERTIFIED

## Savant® IP Audio WiSA Bridge (Stereo) Quick Reference Guide

### Box Contents

(1)   Savant IP Audio Bridge (Stereo) [PAV-AOMWS1C]

(1)   Install Kit [075-0253-xx]

    (1)   Mounting Plate [074-0577-xx]

(1)   Product and Regulatory Insert [009-1950-xx]

### Optional Accessories (sold separately)
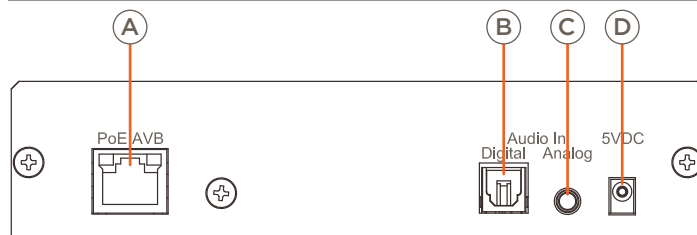
Power Supply 5V DC 3.0A [PWR-5V3AI-xx]

### Specifications

| Environmental | |
|---|---|
| Temperature | 32° to 104° F (0° to 40° C) |
| Humidity | 10% to 90% Relative Humidity (non-condensing) |
| Cooling | 10 CFM |
| Maximum BTU | 34.1 BTU/hr |
| **Dimensions and Weights** | |
| Height | 1.4 in (3.5 cm) |
| Width | 6.0 in (15.2 cm) |
| Depth | 3.2 in (8.1 cm) |
| Weight | Net: 0.5 lb (0.22 kg) |
| | Shipping 1.5 lb (0.68 kg) |
| Rack Space | 1U |
| **Power** | |
| Power over Ethernet (PoE) | IEEE 802.3af |
| Nominal Power | 3.5 watts |
| Maximum Power | 5 watts |
| Input Power | 5V DC 3A (from optional power supply) |
| **Regulatory** | |
| Safety and Emissions | FCC Part 15    CE |
| RoHS | Compliant |
| **Minimum Supported Release** | |
| Savant Software | da Vinci 9.4 |

### Front Panel

| | | |
|---|---|---|
| **A** | Reset Button | To clear all Ethernet settings and revert them back to their factory defaults, press and hold the reset button for five seconds until the LED blinks red rapidly; then release. |
| **B** | Status LED | **Off**: Embedded processor resetting or booting firmware.<br>**Green**: Communication with Host established.<br>**Blinking Green**: System ready but no communication with Host.<br>**Red**: Firmware update failure, unit will reset.<br>**Blinking Red**: Firmware is running but has not received a DHCP IP address.<br>**Amber**: Firmware update in progress.<br>**Blinking Amber**: Valid link-local IP address. |

### Rear Panel

| | | |
|---|---|---|
| **A** | Ethernet | 8-pin RJ45 port.<br>Supports Audio Video Bridging (AVB) and Power over Ethernet (PoE) |
| **B** | Digital Audio In | Digital Optical Audio (TOSLink) input.<br>Supports up to 192kHz/24 bit digital audio in; PCM stereo format only. |
| **C** | Analog Audio In | 3.5mm Analog stereo line input (left and right).<br>Direct line level 2.1-$V_{RMS}$ input |
| **D** | Power In | 5V DC 3A |

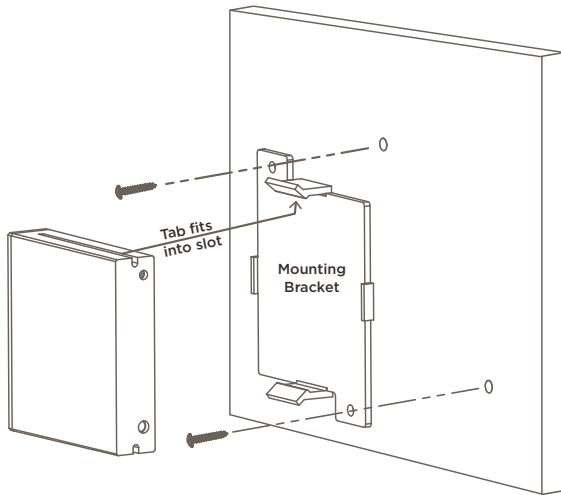⚠ **IMPORTANT NOTE!** Use of both audio inputs simultaneously is not supported by this device.

## Installation

The IP Audio WiSA Bridge can be installed on a solid, flat, level surface such as a table, cabinet, or shelf. The location should be dry, well ventilated, and out of direct sunlight.

### Mounting Plate

A mounting plate (074-0577-xx) is supplied with the IP Audio WiSA Bridge. This mounting plate is used to mount the device to a wall or existing structure. To mount the device, follow the instructions below.

1. Align the mounting plate onto the wall where the device will be located. Position the bracket so the tabs that hold the device are positioned horizontally.
2. Mark the two mounting holes on the wall.
3. Install wall anchors and screw mounting plate to the wall.
4. Snap the PAV-AOMWS1C into the bracket so the tabs on the mounting bracket seat into the slots on the side of the device.



## Network Configuration

To ensure that IP addresses will not change due to a power outage or network event, a static IP address or DHCP reservation should be configured for each device. Savant recommends using DHCP reservation at the router, which allows IP addressing for all devices to be managed from a single UI, avoiding the need to access devices individually. The process for configuring DHCP reservation varies from router to router. Refer to the manufacturer's documentation for the router in use on site for details..

## Network Requirements

The PAV-AOMWS1C uses a Audio Video Bridging (AVB) network.

Connect all Savant devices to the same local area network (LAN) or subnet as the host. Savant recommends not implementing any type of traffic or packet shaping in your network topology for the Savant devices as this may interfere with performance.