

SAVANT

Savant® IP Audio Single In and Out [PAV-AIO1C-xx] Quick Reference Guide

Box Contents

- (1) IP Audio Single In and Out (PAV-AIO1C-xx)
- (1) Install Kit (075-0222-xx)
 - (2) Mounting Brackets (071-0494-xx)
 - (4) Mounting Screws #6x1/4 PH Flat (039-0143-xx)
- (1) Regulatory Insert (009-1950-xx)

Specifications

Environmental	
Temperature	32° to 104° F (0° to 40° C)
Humidity	10% to 90% Relative Humidity (non-condensing)
Dimensions and Weights	
Height	1.3 in (3.23 cm)
Width	3.0 in (7.62 cm)
Depth	4.1 in (10.44 cm) - including connectors
Weight	Net: 0.55 lbs (0.25 kg) Shipping: 1.2 lbs (0.54 kg)
Power	
Input Power	Power over Ethernet (PoE) IEEE 802.3af (PoE Class 3)
Network	
Supported	IEEE 802.1 AVB/TSN switches IEEE 802.3 Ethernet
Transmission Rate	10/100 Mbps
Compliance	
Safety and Emissions	FCC Part 15  CE  C-Tick 
RoHS	Compliant
Minimum Supported Release	
Savant OS	da Vinci 8.10.1

IMPORTANT INFO! When designing this into a project both inputs can be utilized but only one can be active at once. In addition the AIO1C inputs cannot be routed to it's output though the output and 1 input can be in use at the same time.

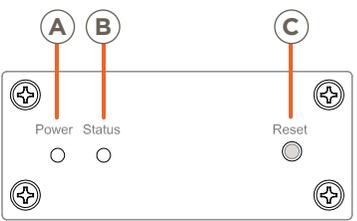
Network Configuration

For networking guidelines and recommendations, refer to the **Savant Device Networking Guidelines** available on the [Savant Community Knowledge Base](#).

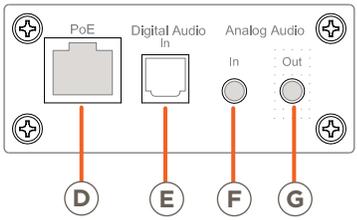
The PAV-AIO1C requires a Audio Video Bridging (AVB) network.

Device

Front Panel



Rear Panel



A Power LED	Green: System has power, operating normally. Off: System not receiving power.
B Status LED	Off: Embedded processor resetting or booting firmware. Green: Communication with Host established. Blinking Green: System ready but no communication with Host. Red: Firmware update failure, unit will reset. Blinking Red: Firmware is running but has not received a DHCP IP address. Amber: Firmware update in progress. Blinking Amber: Valid link-local IP address.
C Reset	Using a paperclip or similar, press and hold for 5 seconds to clear device network settings. Status LED will blink red rapidly when reset is complete.
D Ethernet	8-pin RJ45 port. Supports: Audio Video Bridging (AVB) Power over Ethernet (PoE)
E Digital Input	Digital Optical Audio (TOSLink) input. Supports up to 192kHz/24 bit digital audio in; PCM stereo format only.
F Analog Input	3.5mm Analog stereo line input (left and right). Direct line level 2.1-V _{RMS} input
G Analog Output	3.5mm Analog stereo line output (left and right). Direct line level 2.1-V _{RMS} output

IMPORTANT INFO! This device does not support local input to output routing. Audio signals input locally can be sent to the IP Audio (AVB/TSN) network, and signals received from the IP Audio network can be output locally.

Installation

The PAV-AIO1C should be installed on a solid, flat, level surface, using the included hardware. The device will fit on a 1U rack shelf. The location should be dry, well ventilated, and out of direct sunlight.

IMPORTANT! The PAV-AIO1C must be connected to an AVB Switch.