

# SAVANT




## Savant® IP Audio Single In and Out [PAV-AIO1C-00]

### Quick Reference Guide

#### Box Contents

- (1) IP Audio Single In and Out (PAV-AIO1C)
- (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 
RoHS	C-Tick 
	Compliant
Minimum Supported Release	
Savant OS	da Vinci 8.10.1

#### Network Configuration

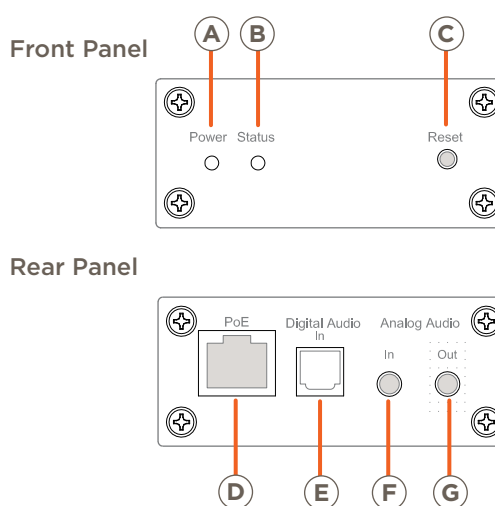
To ensure that the IP Address will not change due to a power outage, a static IP Address or DHCP reservation should be configured. Savant recommends using DHCP reservation within the router. By using this method, static IP Addresses for all devices can be managed from a single UI, avoiding the need to access devices individually.

**NOTE:** Setting DHCP reservation varies from router to router. Refer to the documentation for the router to configure DHCP reservation.

#### Network Requirements

The PAV-AIO1C requires 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.

#### Device



A	Power LED	<b>Green:</b> System has power, operating normally. <b>Off:</b> System not receiving power.
		<b>Off:</b> Embedded processor resetting or booting firmware. <b>Green:</b> Communication with Host established. <b>Blinking Green:</b> System ready but no communication with Host. <b>Red:</b> Firmware update failure, unit will reset. <b>Blinking Red:</b> Firmware is running but has not received a DHCP IP address. <b>Amber:</b> Firmware update in progress. <b>Blinking Amber:</b> Valid link-local IP address.
B	Status LED	
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 <sub>RMS</sub> input
G	Analog Output	3.5mm Analog stereo line output (left and right). Direct line level 2.1-V <sub>RMS</sub> 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 to be connected to an AVB Switch.