SAVANT

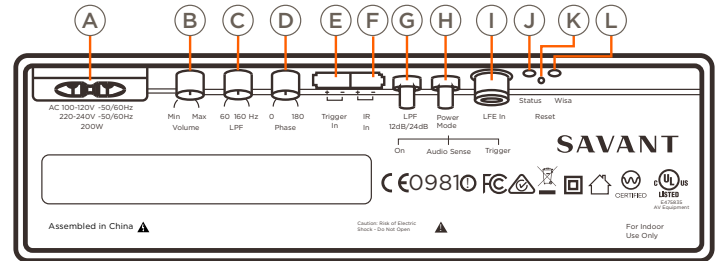## Savant® Smart Audio WiSA Sub 1 [SPK-S1WSx-xx]
Quick Reference Guide

Box Contents

(1)   Smart Audio WiSA Sub 1 (SPK-S1WSx-xx)
(2)   2-Pin Screw Down Connector (028-0884-xx)
(1)   Power Cord (064-0480-xx)
(1)   Quick Reference Guide (this document - 009-1886-00)

Specifications

Environmental

Temperature	32° to 104° F (0° to 40° C)
Humidity	10% to 90% Relative Humidity (non-condensing)

Dimensions and Weight with Grille

Height	10.2 in (25.91 cm)
Width	8 in (20.32 cm)
Depth	7.5 in (19.05 cm)
Weight	19.55 lb (9.9 kg)

Power

Input Power	100 - 120V AC (50/60Hz) 220 - 240V (50/60HZ)
Standby Power Consumption	WiSA input: 2 W Analog input: 1 W

Operating Parameters

Low Pass Filter	60 - 160 Hz
Low Pass Filter Slope	12 / 24 dB/octave
Frequency Range	30hz - 160 hz +/- 0.5 dB
Wattage	200 Watts
Streaming Quality	Up to 24 bit / 96kHz High Resolution Audio

Networking

Supported Standards	WiSA (W) CERTIFIED

Regulatory

Safety and Emissions	FCC Part 15B	C Tick	UL	CE
	FC	(C Tick logo)	c(UL)us LISTED	CE
RoHS	Compliant			

Minimum Support Requirements

Software Release	da Vinci 9.2

Input Panel (Bottom)

A	AC Power Input	Main power input.
B	Volume Control	Adjusts volume.
C	Low Pass Filter	Adjusts the upper end of frequency response.
D	Phase Control	Used to time-align the output signal from the WiSA Sub to other speakers.
E	12V Trigger Input	2-pin screw down connector. Used to control ON/STANDBY settings based on 12V DC input signal.
F	IR Input	2-pin screw down connector allowing for IR control.
G	LPF Slope	Controls the slope rate upper end frequency response.
H	Power Mode	**On**: Device is always powered on.
		Audio Sense: Power command sent with active audio signal.
		Trigger: Powers on with 12V Trigger Input.
I	LFE Input	RCA used for LFE input.
J	Status LED	**Off:** Resetting, or is powered up and booting the embedded firmware. **Green Fast Blinking:** Updating. **Green Slow Blinking:** Entering or finishing an update. **Green:** Normal operation. **Orange:** Critical system error. **Orange Slow Blink:** Standby power mode.
K	Reset button	Hold for 10 seconds to disconnect speaker from the network and forget any associated WiSA devices. **Note:** This will place the speaker in Associate Mode.
L	WiSA LED	**Off:** Forced Analog Mode. **Green Fast Blinking:** Ready to pair. **Green Slow Blinking:** Streaming audio. **Green:** WiSA connected. **Orange:** Audio is muted. **Orange Slow Blinking:** WiSA module reset. **Orange Fast Blinking:** Reconnecting.

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Auto Switch Mode

The default mode for the Smart Audio WiSA Sub 1.

In this mode, the WiSA Sub will switch to WiSA or analog inputs as needed. To enter this mode, press the reset button until the WiSA LED turns green. This mode will remain active through reboots.

- Both the WiSA and the LFE input are active.
- If a WiSA device is connected, input will automatically switch to WiSA.
- If the WiSA LED transitions to Standby/Reset or Pairing, input will switch back to analog.
- If the user presses and holds reset button, input will be switched to WiSA so that a test tone can be heard.

Forced Analog Mode

The analog-input only mode for the Smart Audio WiSA Sub 1.

To enter Forced Analog Mode, toggle the LFP slope switch 4 times within 10 seconds. This mode will remain active through reboots.

- The LFE input will always be active, and WiSA output will not be active.
- The WiSA LED will be turned off to indicate this mode.
- Press and hold the reset button to place the unit back in Auto Switch mode.

Associate Mode

This indicates the WiSA Sub has not been paired to any WiSA transmitting device. To enter this mode, hold the reset button for 10 seconds. For information on how to associate the Smart Audio WiSA Sub 1 with a WiSA transmitting device, review the WiSA Setup Guide (009-1903-xx).

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