

Savant® IP Audio Studio with Integrated Host and Grille - Black

Quick Reference Guide

Product Specific Contents

- IP Audio Studio SoundBar 46 [HST-STUDIO46BG-2CH]
- (1) Soundbar (093-3100-xx)
 - (1) Standard Grille (093-3225-xx)
- IP Audio Studio SoundBar 55 [HST-STUDIO55BG-2CH]
- (1) Soundbar (093-3102-xx)
 - (1) Standard Grille (093-3226-xx)

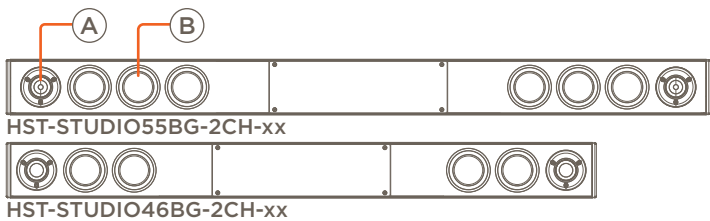
Universal Box Contents

- (1) Power Cord (064-0480-xx)
- (2) 6-pin Control Connector [pre-installed] (028-9352-xx)
- (1) Install Kit (075-0256-xx)
 - (1) Pair of White Gloves (099-0348-xx)
 - (2) Wall Mounting Bracket (071-1130-xx)
 - (1) 3mm Allen Wrench (015-0222-xx)
 - (8) M5x10mm hex screw (039-0440-xx)
 - (4) 25mm Washer 5mm ID (039-0437-xx)
 - (2) 50x90 Bracket Extension (071-1112-xx)
 - (2) 70x90 Bracket Extension (071-1113-xx)
 - (2) Plastic Feet (074-1030-xx)
 - (2) Rubber Pads for Feet (073-0014-xx)
- (1) Product Regulatory Insert (009-1950-xx)

Optional Accessories (sold separately)

- Soundbar TV Mount Hardware (MNT-STUDIO-TV-xx)
- Custom Grilles matched to Flat Panel TV

Front Panel

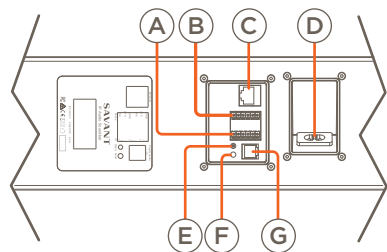


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|--------------------------|--|
| (A) Front Tweeters | STUDIO46:
(2) 25 mm Vifa DX Super Audio Tweeters
STUDIO55:
(2) 25 mm Vifa XT Super Audio Tweeters |
| (B) Midrange/
Woofers | (4 or 6) 89 mm Long Throw Carbon Fiber
Midrange/Woofers |

Specifications

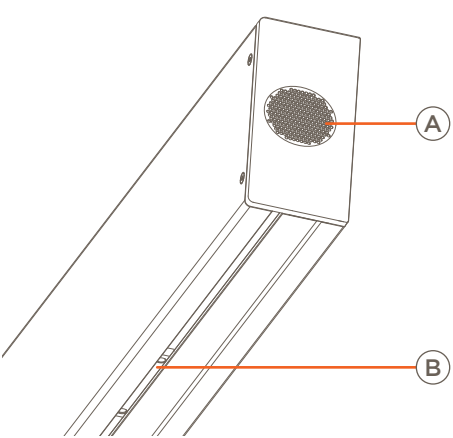
Environmental				
Temperature	32° to 104° F (0° to 40° C)			
Humidity	10% to 90% Relative Humidity (non-condensing)			
Dimensions and Weight				
	Height	Width	Depth	Weight
STUDIO46 Dimensions (with included grille)	4.78 in (12.14 cm)	45.4 in (115.32 cm)	2.76 in (7.03 cm)	13.5 lbs (6.12 kg)
STUDIO55 Dimensions (with included grille)	4.67 in (11.87 cm)	54.1 in (137.41 cm)	2.76 in (7.03 cm)	20.0 lbs (9.07 kg)
STUDIO46 Shipping	9.25 in (23.49 cm)	54.5 in (138.43 cm)	6.1 in (15.94 cm)	20.0 lbs (9.07 kg)
STUDIO55 Shipping	9.6 in (24.38 cm)	63.2 in (160.52 cm)	6.5 in (16.51 cm)	26.5 lbs (12.02 kg)
Power				
Input Power	100/240V AC (50/60 Hz)			
Maximum Power Draw	250W			
Networking				
Supported Standard	IEEE 802.1 AVB/TSN switches			
Operating Parameters				
Frequency Response	80 Hz - 40 kHz +/- 3 dB			
Sensitivity	89 dB @ 2.83V/1 meter			
Regulatory				
Safety and Emissions	FCC Part 15B 	CE Mark 	C-Tick 	UKCA 
RoHS	Compliant			
Minimum Supported Release				
Software Release	da Vinci 9.1			

Rear Panel



(3) IR Ports	
Uses 6-pin IR Connectors to send IR signals to control devices with an IR input or IR receiver via an IR flasher (5V tolerant only). See the Savant® IP Audio Products with Integrated Host Deployment Guide for important precautions regarding IR functionality before making any connections.	
A IR	
(2) RS-232 Ports	
Uses 6-pin Screw down plug-in connection. Transmits and receives serial data to and from serial controllable devices. For pin-out information, refer to the RS-232 Wiring section below.	
B RS-232	
8-pin RJ-45 port 10/100 Base-T auto-negotiating port. Supports Audio Video Bridging (AVB).	
C Ethernet	
100/240V AC (50/60 Hz)	
D Power	
Green Blinking: Embedded system is ready, but no communication has been established with the host. Green: Host has established communications with the embedded system. Red Blinking: Embedded firmware is running, but has not received a DHCP IP Address. Red: Host has determined the firmware needs to be updated, but a problem occurred during the process that will initiate a reset. Amber Blinking: Embedded system has a valid link local IP Address and is connecting to the host. Amber: Host is updating the embedded firmware. Off: Embedded processor is resetting, or is powered up, and is booting the embedded firmware. Hardware Failure: If a hardware failure occurs, the status LED indication will be interrupted every three seconds with a solid red indication. For example, if the LED is blinking green when a hardware failure occurs, the LED will alternate between blinking green and solid red at three-second intervals.	
E Status LED	
Resets the network settings to DHCP. Hold Reset Button for 5 seconds while Powered On to clear static IP address. Status LED will turn off and then Amber while the unit reboots with default network settings.	
F Reset	
Digital optical audio inputs (TOSLINK). Supports up to 192kHz/24-bit digital audio in; PCM stereo format only.	
G Digital Audio In	

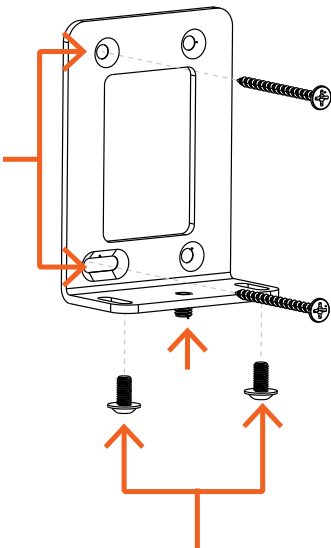
Side and Bottom Panel



A Stage Tweeters	(2) 19mm Silk Tweeters
B Mounting Slide	(2) Captive M5 threaded bracket

Wall Mount

- NOTE:** Make all wiring connections to soundbar before mounting to brackets.
- Using the four included drywall screws, affix wall mounting brackets to the wall, allowing sufficient space between brackets to ensure stability.
NOTE: The quantity of studs affects the proper screw position.
 - Make all wiring connections to soundbar before mounting to brackets.
 - Using the included allen key, align the threaded screw holes of the captive slider with the openings on base of the wall mount bracket. Repeat this step for the second wall bracket.
 - Make any minor height adjustments using the 6 mm set screw on the bottom of the bracket.
 - Attach the soundbar by threading M5x10mm screws through wall brackets and into the soundbar's captive mounting slide brackets.



Plastic Feet

- Align the captive M5 threaded brackets in the soundbar mounting slide beneath the center speakers of right and left side channels.
 - Secure plastic feet to the captive brackets using M5x190mm screws.
 - Remove wax paper from the adhesive backing on included rubber pads and attach one to each of the plastic feet.
- For more information on installing this SoundBar see the [Savant IP Audio Studio with Integrated Host Deployment Guide](#) on the Savant Customer Community.