SAVANT PRODUCT GUIDE

Savant Studio Compatible Solutions

SAVANT

savant.com

STUDIO

OUR STORY

2012

Savant adds initial lighting control capabilities by acquiring the assets of LiteTouch, paving the way for the development of the next generation of lighting control solutions.

2013

Savant launches Video Tiling, making it intuitive for the user to view and control multiple sources on a single display. Control available from Savant TrueControl App, Savant Pro App, Savant in wall touch panels and the Savant Pro Remote.

2010

Savant introduces the proprietary TrueImage experience, delivering a personal and intuitive experience using photos to control the lights throughout a home.

2006

Savant launches first Apple-based Control & Automation system, including industry-changing software configuration tool, RacePoint Blueprint.™

2014

Savant launches Pro App, the industry's first user interface that delivers a personal user experience without the cost and hassle of custom programming. The Savant Pro App includes room based control, custom scene creation, user management and system notifications.
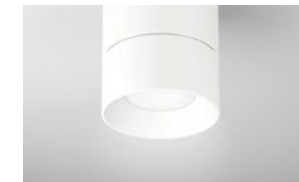
2017

Savant adds speakers to its offering with the acquisition of Artison. Savant now offers IP from source to speaker with full IP audio and speaker solutions, including new IP Micro Aperture Speakers and IP Soundbars.

2018

Savant partners with USAI Lighting and develops complementary DMX Light Strips, delivering integrators tools to sell a complete lighting solution from fixtures to control including industry-leading color technology inside the Savant Pro App.

Savant delivers Savant Studio App, a powerful, tablet based system configuration tool, and Savant Central Manager, a cloud-based tool delivering secure access to Savant deployments including software revision tracking, remote diagnostics, time/date stamped systems logs, host maintenance and configuration capabilities.

2019

Savant partners with Racepoint Energy to deliver control and management of lighting loads as well as other electrical loads throughout the house, with all devices reporting utility-grade energy consumption to the Savant Pro App. Pair the Savant System with Racepoint Energy Solar Panels and battery storage systems and homeowners can now manage energy generation, storage and consumption.

SAVANT ECOSYSTEM

Savant was founded in 2005 by telecommunications pioneer and visionary, Robert Madonna with the goal of providing the best experience in home automation. When the Savant team considered what the ideal smart home would be, the one common thread was comfort: that feeling when everything in your home is just how you like it. Legacy control systems established new conveniences yet offered no path for personalization without never-ending & expensive labor bills. Savant set out to change this and in 2014 launched the first Smart Home user interface that could be personalized.

The Savant ecosystem creates a home unlike any other by first respecting that each Savant user is unique and deserving of an experience all their own. Each member of the family is treated as an individual and granted their own User profile; Each 'User' can personalize their Savant user Interface; Each 'User' can make their own favorite channels, buttons and more.

On top of UI advancements, Savant is pioneering new ground in lighting control, energy automation & distributed entertainment, offering both a Hi-Res IP-Audio and lossless 4K IP Video distribution systems. With tens of thousands of Savant Homes completed, scores of industry awards and accolades and numerous patents, people from around the world have come to Savant in search of a smart home tailored just for them.

SAVANT USER INTERFACES

PRO REMOTE

The Savant Pro Remote delivers a personalized experience for control of entertainment, climate, lighting, and more. With a fully customizable home screen, users can personalize quick control of scenes, favorite channels and commonly used services.
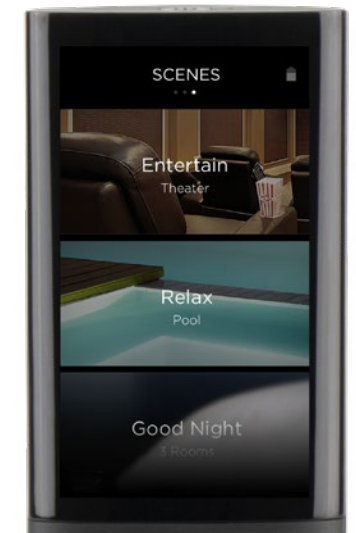

VOICE COMMANDS
KEEP IT SIMPLE

Simply press and hold the microphone button to activate Savant scene voice control, or activate Siri Voice Control when integrated with Apple TV.
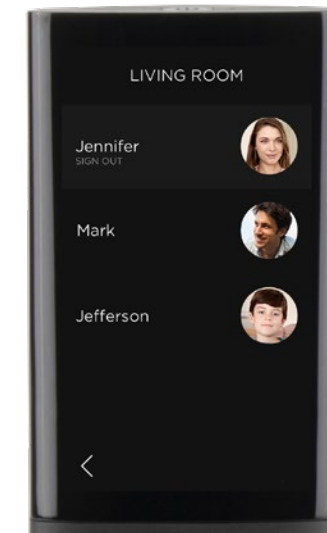
ENTERTAINMENT
ALL YOUR OWN

Individual profiles give everyone in the family their own personal remote, with everything they love just a tap or voice command away.

CREATE AMBIANCE
IN AN INSTANT

Use the Remote to activate a personalized scene like "Movie Night" or capture a relaxing atmosphere you can recall anytime you like.

FEATURES

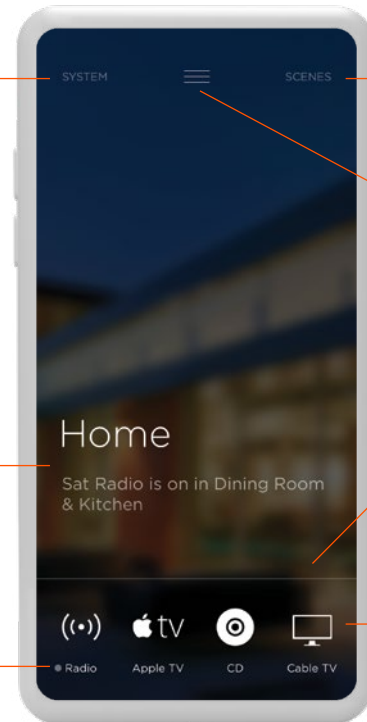|	PRO REMOTE SINGLE ROOM	PRO REMOTE MULTI-ROOM
Model Number	REM-1100*	REM-2000*
Whole House, Multi-room Control		•
Single Room Control	•	•
High-Resolution Color Touchscreen	•	•
Battery Life Under Average Use	3 Days	3 Days
Channel Favorites	•	•
Voice Control of Favorites, Services, & Scenes	•	•
Multi-Zone Entertainment Distribution	•	•
Sleep Timer	•	•
2.4GHz/5.0GHz Wi-Fi Support	•	•

*International version available.

SAVANT PRO APP

The Savant Pro App enables all the features of a Savant Home, with fast access to rooms, scenes, services and much more.

Swipe right or tap **System** to get the status of devices within your Savant Home.

To get a closer look at what's **Now Playing** in your home, tap your activity feed.

A service that is active somewhere in the home is indicated by a dot.

SYSTEM ☰ SCENES

Home
Sat Radio is on in Dining Room & Kitchen

((•)) ♥tv ◉ 🖵
Radio   Apple TV   CD   Cable TV

Swipe left or tap here to see all available **Scenes**.

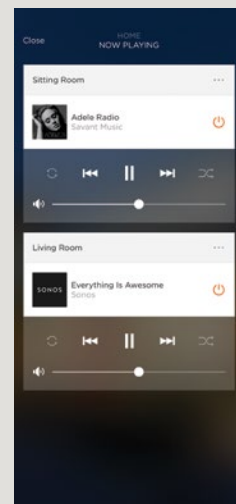Pull down or tap here for the **Rooms View** to access rooms, profiles, and settings.

Scroll left or right through the carousel of available services in your Savant Home.

Tap to access all of the options for a service. For quick adjustments press and hold or Force Touch to bring up **Quick Controls**.
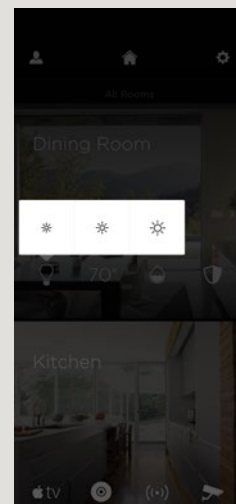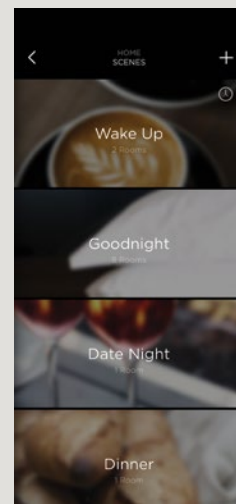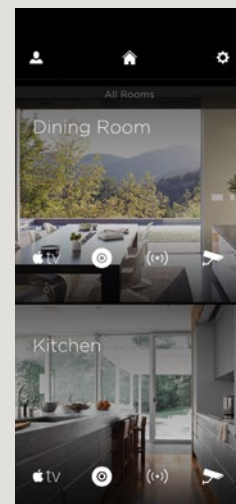
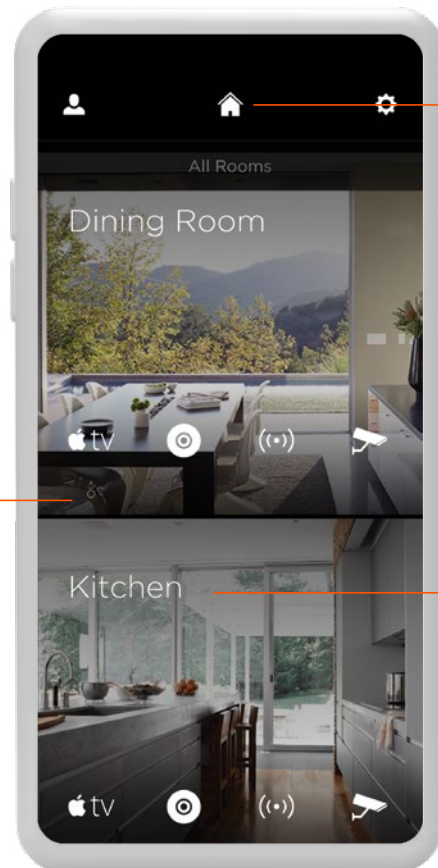## HIGHLIGHTED SCREENS
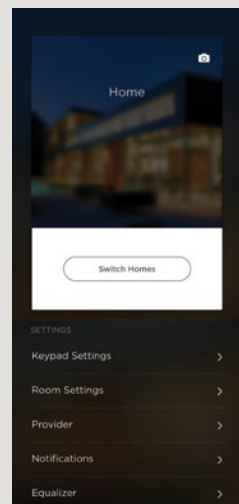
Settings

Now Playing

Quick Controls

Scenes

Rooms View

ROOMS VIEW

The Rooms View displays every available service in each room.

POWER OF SCENES

Scenes are handy app settings that put lighting routines at your fingertips: home arrival, bedtime, and more.

Pull down or tap here to return to the **Home View**.
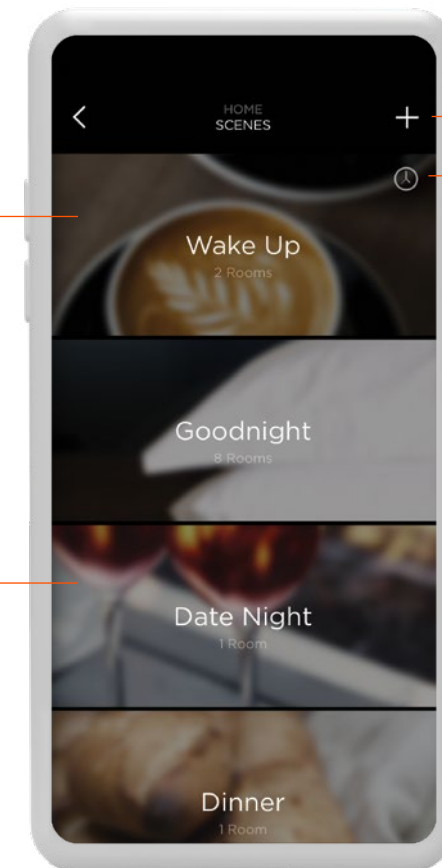
To adjust a service for the room, tap to access all its features, or press and hold the icon to bring up **Quick Controls**.

Tap on a room to display the **Room View**. From there, swipe left or right to see the Scenes and devices associated with that room.

Tap on **+** to create a new scene.

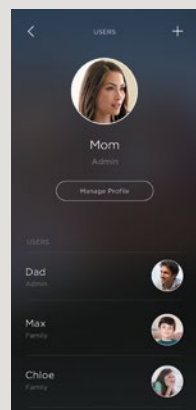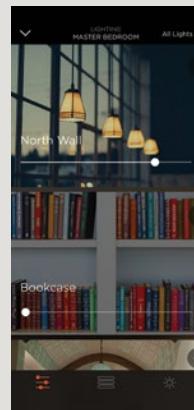Create **Schedules** for your lights based on exact time, dawn, sunrise, sunset or dusk.

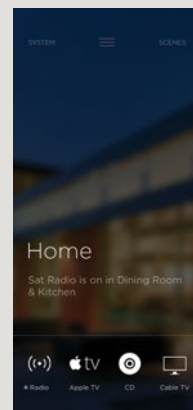Create instant ambiance with a touch using captured scenes.

Custom scenes can be unique to each user or **Shared**.

Profiles
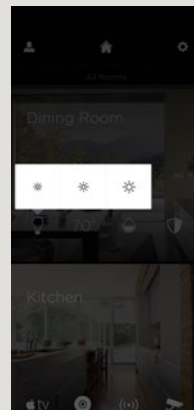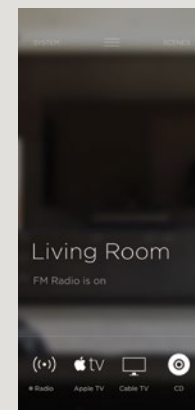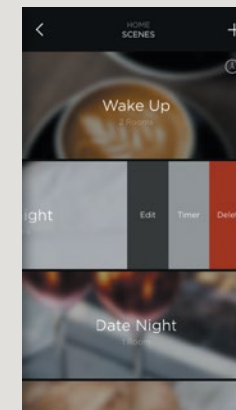
Quick Controls

Service Controls

Home View

Room View

Edit Scenes
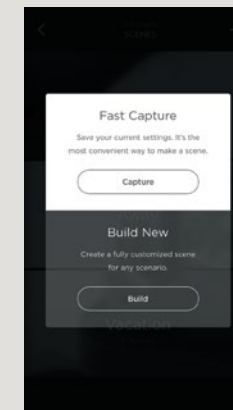
Create New Scene
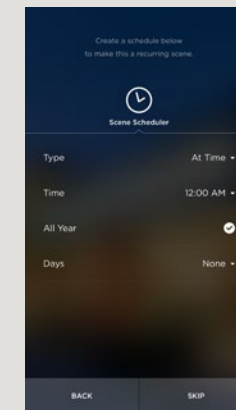
Scene Timer
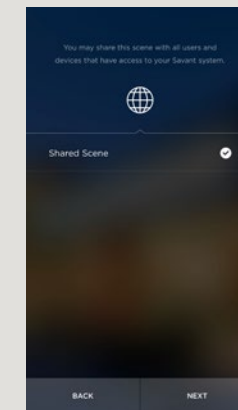
Shared Scene
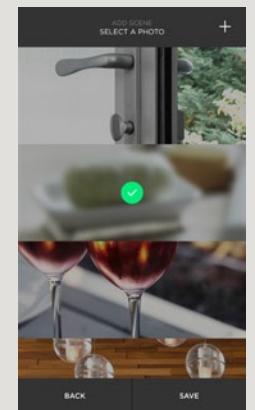
Custom Image

SAVANT MUSIC

A collection of premium streaming services to make every moment just right.
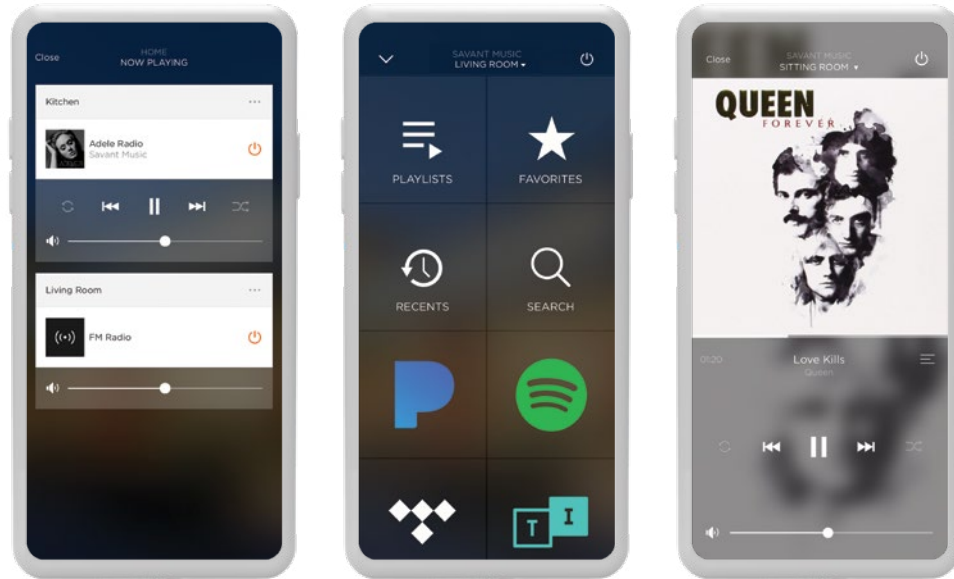
The **Global Now Playing** screen shows all active audio/video services, and allows you to control the volume in each room.

Tapping the **... Icon** on the Global Now Playing screen brings up the **Distribution** screen, which lets you play audio/video in additional rooms.

To see what's playing next or edit the music in your queue, tap the ☰ **Icon** on the Now Playing screen.

Press and Hold the power button to setup a sleep timer.
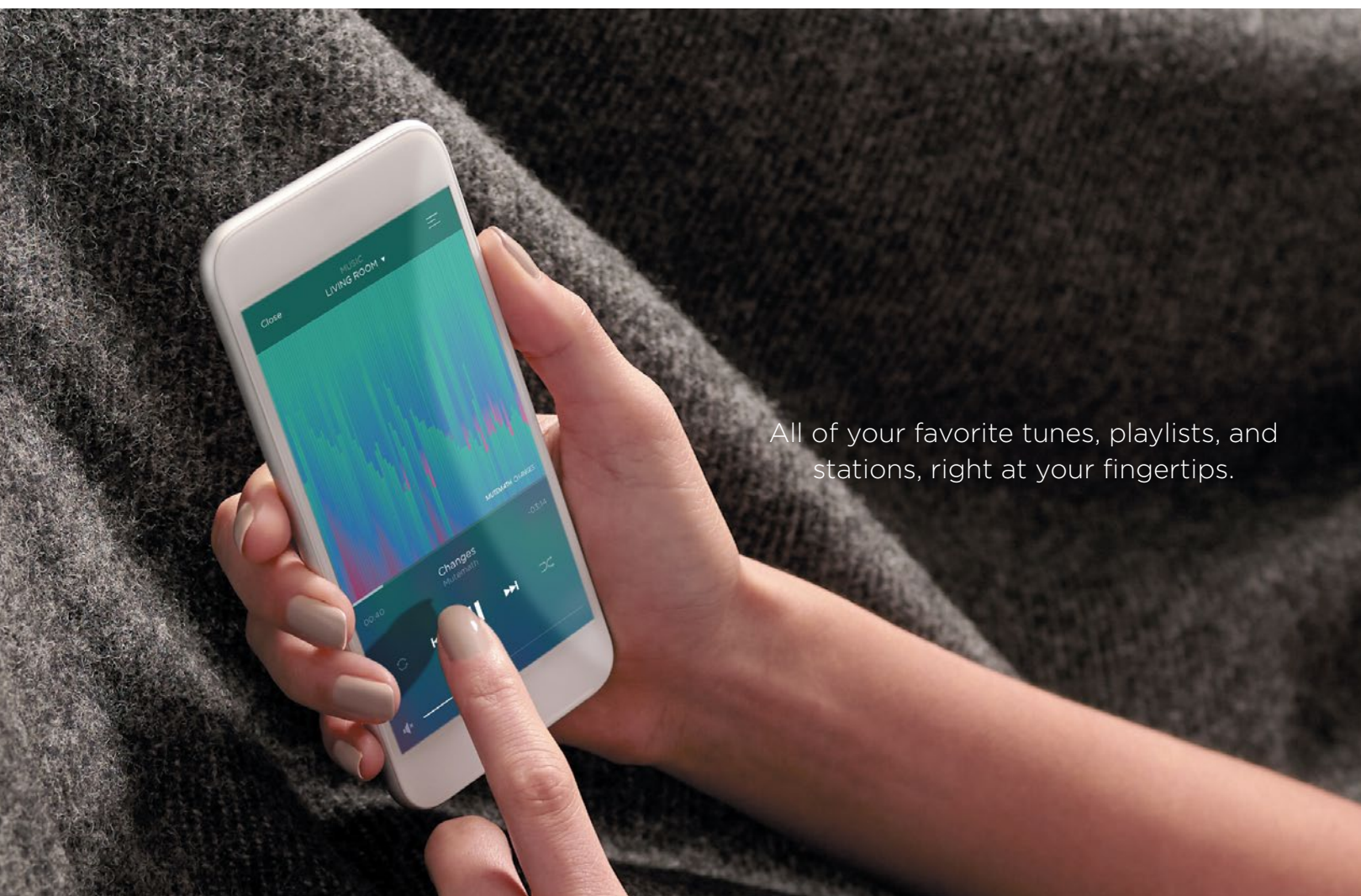
All of your favorite tunes, playlists, and stations, right at your fingertips.

CLIMATE

Climate control in the Savant Pro App allows for instant control of rooms, as well as scheduling.
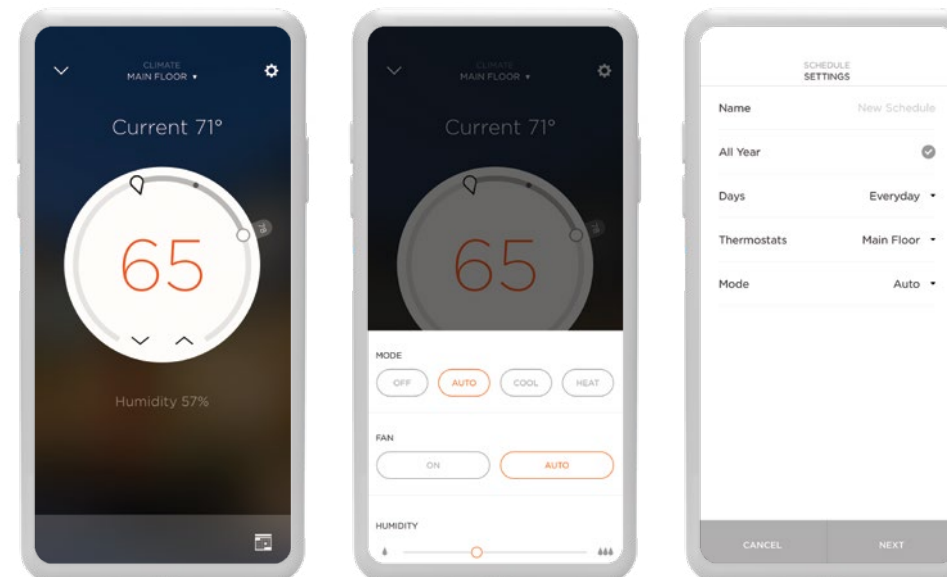
There are three climate modes. In Heat or Cool mode, simply use the sliders or arrows to set the temperature you want. In Auto mode, use the sliders to set an appropriate temperature range. Tap the **Settings Icon** to change modes.

Tap the **Calendar Icon** to put your climate on a schedule—your home can start warming every day at 6am, or cool off in the evening.

To temporarily override a schedule, press and hold the climate control circle to bring up a **Hold Temperature menu**.

SAVANT TRUEIMAGE LIGHTING

By delivering visual control of lights through Savant's patented TrueImage technology, Savant makes the lighting control experience effortless. TrueImage technology is designed for you to take a photo of your light and save it in the Savant Pro App, With images of each light, lighting control is easy, simply touch the image and see the color and brightness simultaneously change in your virtual light and in your real-world fixture.

STEP 2
SCALE & CROP YOUR IMAGE

Perfect your image by getting it scaled to size. Tip: if the image is blurry, try using a tripod for a clearer picture.

STEP 3
SET DEFAULTS

Set dim level and, with Savant Smart Bulbs or DMX Strips, set default WRGB Color.

STEP 1
TAKE YOUR TRUEIMAGE PHOTO

Simply hold your mobile device up to the light to snap your TrueImage photo. Hold steady, the light will blink while the Savant Pro App quickly takes two photos in less than a second, one with the light on, one with the light off.

STEP 4
ADJUST YOUR LIGHTS

Touch the image of your light on your device and watch it adjust in real time, both on the light and in the image. The advanced software in the Savant Pro App automatically simulates how that light appears on, off, or at any dimness level.
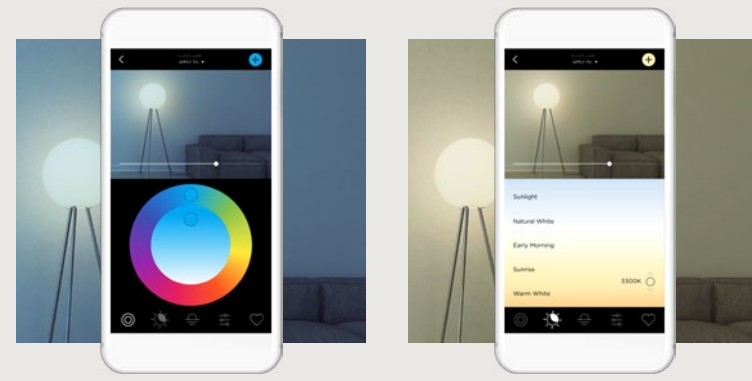
NEXT LEVEL COLOR

TrueImage even works with colored lighting. The millions of color options available with Savant Smart Bulbs and Strips are shown in the Savant Pro App, so you can change your lighting colors and see what it looks like, even when you are out of the room.

Choose your lighting accents by individual color or from a list of color temperatures perfect for working, entertaining, or relaxing.

SCALABLE SYSTEM ARCHITECTURE

Savant not only designed control and automation to be easy to use, but also quick to configure and deploy. Although the system is scalable across many project types and size, at its core are three basic components that are required to create a Savant System: a Savant Host, a Savant Controller, and a User Interface.

SAVANT STUDIO

SAVANT S2 HOST

SAVANT HOST:
THE BRAIN OF THE SYSTEM

The Savant Host takes commands from any of Savant's User Interfaces and sends direction to the Controllers with the details on which subsystems to control.

SAVANT CONTROLLERS:
THE BRAWN OF THE SYSTEM

The Savant Controllers act as Bridge between the Savant Host and the subsystems that are being controlled.
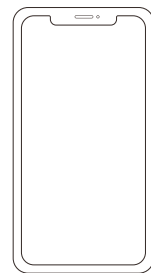
SAVANT USER INTERFACES:
THE BEAUTY OF THE SYSTEM

The Savant User Interfaces are designed to deliver a personalized control experience. User Interfaces include mobile devices, touch panels, remote controls, keypads climate interfaces and even voice.
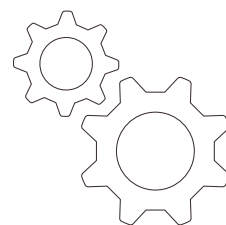
SAVANT TOOLS:
THE POWER TO PERSONALIZE EACH SYSTEM

The Savant tool set includes Savant Studio, an iOS-based, field configuration tool for end-to-end system design and deployment. Savant Studio supports the full range of features and services with Savant music, lighting, climate, and more.

Savant Studio, working in conjunction with Savant Central Management allows for efficient, scalable programming through remote configuration and diagnostic tools, auditing practices for field service, secure employee access and system/software tracking across all installations.
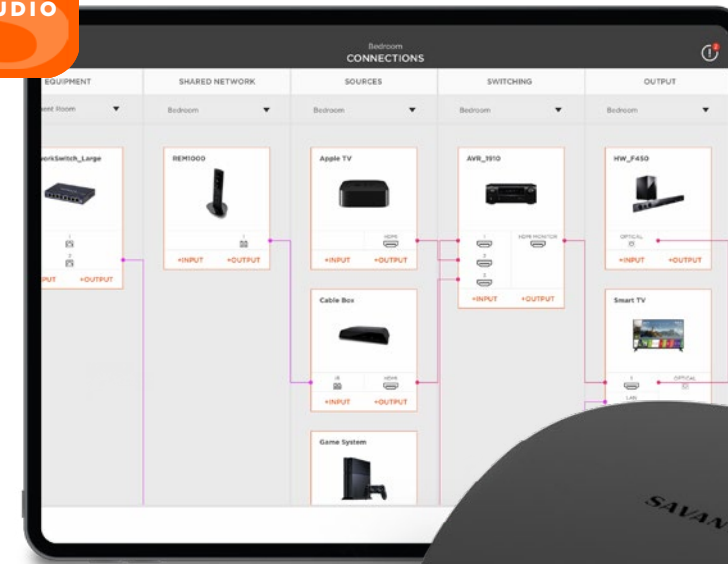
SAVANT S2 HOST

- Control of up to 6 rooms; 2 Audio/Video Zones + 4 Audio Zones

- Unlimited environmental zones, including climate, shades and lighting

- Includes built-in wired control ports, including 1 Ethernet, 6 IR, 2 Serial, 1 Relay, 1 GPIO and 1 Optical Audio

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SAVANT CONTROLLERS

SAVANT SMARTCONTROL 2
Wi-Fi Smart Controller with GPIO and 1 Relay

SAVANT SMARTCONTROL RS232 Wi-Fi Smart Controller with 2 RS232

SAVANT SMARTCONTROL 12
Smart Controller with 6 IR 2 RS232 2 GPIO and 2 Relay

SAVANT SMARTCONTROL 3
Wi-Fi Smart Controller with 3 IR

IR LEARNING CONTROLLER
Wi-Fi IR Learning with 3 IR Outputs

SAVANT SMARTCONTROL 14
Smart Controller with 7 GPIO and 7 Relay

SAVANT CLIMATE

SAVANT MULTISTAT SMART THERMOSTAT

The Savant Multistat provides all of the features of a traditional thermostat for control of heating, ventilation and air conditioning (HVAC) systems plus a modern thermostat look with the benefits of a 3" touch screen.

The 3" touch screen delivers a quick look at local weather in addition to quick access to shared scenes. This product looks great in any room and helps keep you comfortable while saving money with Eco Point comfort.

SPECIFICATIONS

	MULTISTAT SMART THERMOSTAT - BLACK	MULTISTAT SMART THERMOSTAT - WHITE
Model Number	CLI-W200B-00	CLI-W200W-00
Dimensions	5"W x 7"H x 2"D	5"W x 7"H x 2"D
Temperature	32 to 104 F (0 TO 40 C)	32 to 104 F (0 TO 40 C)
Wireless	Wi-Fi (802.11 b/g/n 2.4 or 5 GHz)	Wi-Fi (802.11 b/g/n 2.4 or 5 GHz)
Security	WPA1™, WPA2™, WPA1™ + WPA2™	WPA1™, WPA2™, WPA1™ + WPA2™
Power - Input	24V AC (18V AC - 32V AC)	24V AC (18V AC - 32V AC)
Power - Current Draw	70 mA typical, 250 mA maximum	70 mA typical, 250 mA maximum
Max Power	6 watts	6 watts

KEY FEATURES

- Supports standard or heat pump HVAC systems

- Can be used in Fahrenheit or Celsius mode

- Includes remote temperature and humidity sensor, additional optional sensors available

- Touch screen can be used to control Savant scenes created in the Savant Pro App

- The Savant Pro App includes three climate modes, plus scheduling and calendar features

SAVANT LIGHTING

Close

PENDANTS

APPLY TO... ▾
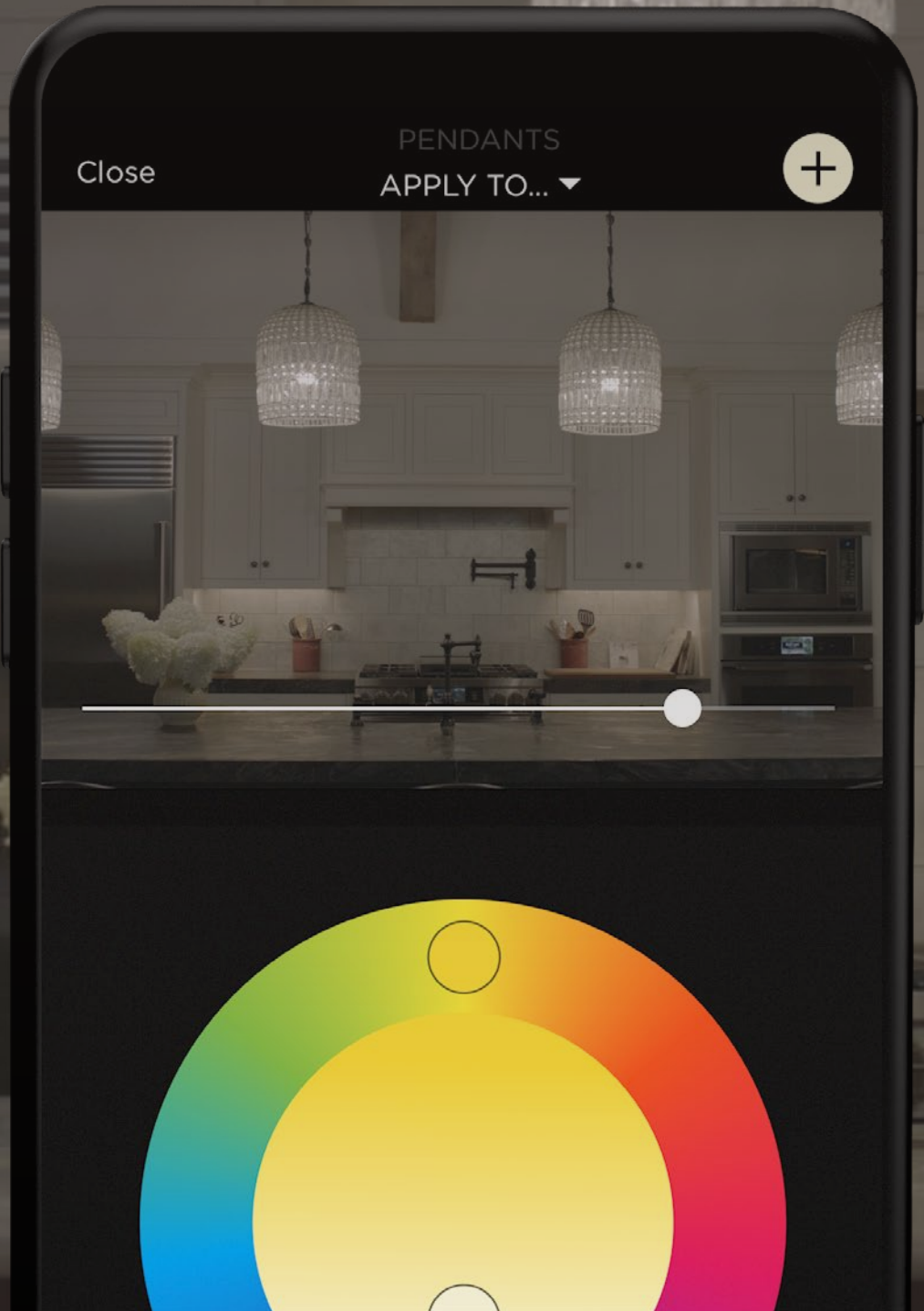
SAVANT BULBS & STRIPS

Energy efficient, simple to install, and perfect for your retrofit
or new construction project.

A19 SMART BULB

LIFE	Up to 20 years
LUMENS	800+ Lumens
WATTAGE	10 W
CRI	Variable
CONNECTION	Standard Edison socket for indoor use
FEATURES	• Dimmable • White Temperatures from 2000k - 8000k • Bluetooth Communication • Over 16 million Colors • Bulb Mode

BR30 INDOOR & OUTDOOR SMART BULB

LIFE	Up to 20 years
LUMENS	1100+ Lumens
WATTAGE	14 W
CRI	Variable
CONNECTION	Standard Edison socket for indoor or outdoor use
FEATURES	• Dimmable • White Temperatures from 2000k - 8000k • Bluetooth Communication • Over 16 million Colors • Bulb Mode

COLOR LED SMART STRIP 2M STARTER KIT

LIFE	Up to 20 years
LUMENS	1500+ Lumens
WATTAGE	1-30 W
CRI	Variable
CONNECTION	Standard Power Outlet
FEATURES	• Dimmable • White Temperatures from 2000k - 8000k • Bluetooth Communication • Over 16 million Colors • Bulb Mode
AVAILABLE ACCESSORIES	One 1M Extension per Starter Strip

Bluetooth Communication - For use with the Savant Pro App, one gateway must be within 30ft of bulb/strip. Gateways include Savant Lamp Controller, Metropolitan and Echo Keypads, Dimmers, and Switches.

Bulb Mode - Metropolitan and Echo Keypads, Dimmers or Switches can be set to Bulb Mode, which keeps continuous power to the Smart Bulb, so it can always be controlled via voice or the Savant Pro App.

SAVANT DMX LIGHT STRIPS

Energy efficient with options for indoor and outdoor locations.

TUNABLE WHITE DMX LIGHT STRIPS

USE	Indoor
WATTAGE	14.5W/M
DIMMING	DMX Digital Low Voltage Dimming
LUMENS	1,100 per meter

LED COLOR TECHNOLOGY

Tunable White
• 2400k to 6500k Tunable
• CRI: 80+

WRGB DMX LIGHT STRIPS

USE	Indoor	Outdoor
WATTAGE	23W/M	23W/M
DIMMING	DMX Digital Low Voltage Dimming	DMX Digital Low Voltage Dimming
LUMENS	1,000 per meter	700 per meter
OUTDOOR RATING		IP65

LED COLOR TECHNOLOGY

Programmable WRGB
• CRI: Variable

LED DMX NEON LIGHT STRIPS

USE	Indoor/Outdoor
WATTAGE	10.8W/M
DIMMING	DMX Digital Low Voltage Dimming
LUMENS	90 per meter
OUTDOOR RATING	IP67
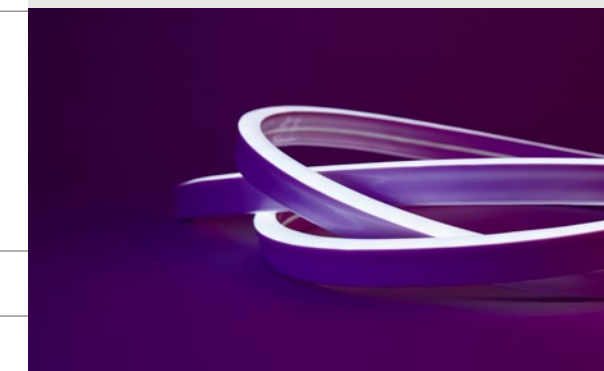
LED COLOR TECHNOLOGY

Programmable WRGB
• CRI: Variable

ECHO STYLE LINE VOLTAGE KEYPAD

Echo Style Line Voltage Keypads are available with multiple, field configurable options plus our classic, intuitive dial for dimming or volume control.

ECHO BUTTON CONFIGURATIONS

CONFIGURABLE
KEYPAD: 3 BUTTON

CONFIGURABLE
KEYPAD: 3 BUTTON

CONFIGURABLE
KEYPAD: 4 BUTTON

CONFIGURABLE
KEYPAD: 4 BUTTON

CONFIGURABLE
KEYPAD: 5 BUTTON

CONFIGURABLE
KEYPAD: 5 BUTTON

CONFIGURABLE
KEYPAD: 5 BUTTON

CONFIGURABLE
KEYPAD: 6 BUTTON

DIAL KEYPAD:
4 BUTTON

FAN
CONTROL

PADDLE KEYPAD:
2 BUTTON

AUXILARY
CONTROL
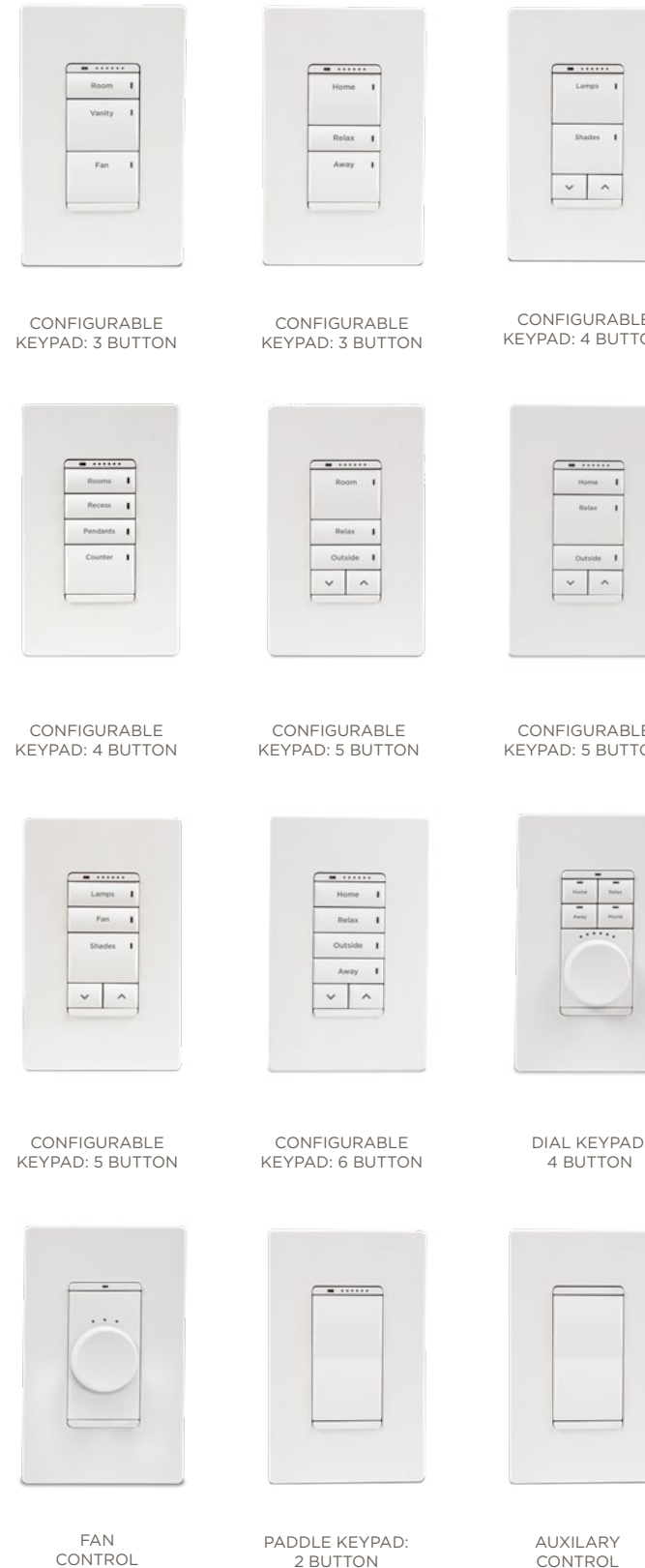
Configurable and Paddle keypads are available with adaptive dimming, forward phase (MLV) dimming and switching

FINISH

- Snow White
- Light Almond
- Black

LED COLOR

- Yellow
- Teal
- Caution Orange
- Clover Green
- Indigo
- Hot Pink
- Echo Blue
- Fire Red
- White

POWER

120V AC

WATTAGE

See Specification Sheets for load dimming capacities

COMMUNICATION

Wi-Fi + Bluetooth Low Energy (BLE)

CONTROL

- Adaptive Dimming
- Forward Phase (MLV) Dimming
- Switch
- Auxiliary
- Fan Control

FACEPLATE OPTIONS

Savant offers screwless faceplates from 1 - 4 gangs

KEY FEATURES

- **Traditional sized opening -** matching faceplates available, or add your own decorative faceplate
- **Ambient light sensor -** Button LEDs dim or brighten based on the amount of light in the room
- **Savant Control -** More than just lighting, buttons can control audio, video, shades, climate and more, plus Scenes created in the Savant Pro App can also be saved to a button
- **Expandable -** Support for up to 32 loads with S2 Hosts, 64 loads with Smart Hosts and unlimited load count with the Pro and Super Pro Hosts

METROPOLITAN STYLE LINE VOLTAGE KEYPAD

Metropolitan Style Line Voltage Keypads are available with multiple options plus our classic, intuitive dial for dimming or volume control.

DIAL KEYPAD:
4 BUTTON
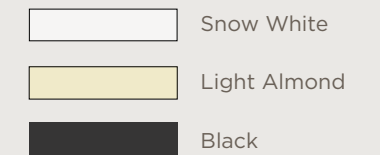
DIMMER

SWITCH
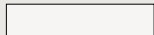
AUXILIARY
CONTROL

FAN CONTROL

FINISH

Snow White

Light Almond

Black

POWER

120V AC

WATTAGE

See Specification Sheets for load dimming capacities

COMMUNICATION

Wi-Fi + Bluetooth Low Energy (BLE)

CONTROL

• Adaptive Dimming
• Switch
• Auxiliary
• Fan Control

FACEPLATE OPTIONS

Savant offers screwless faceplates from 1 - 4 gangs

KEY FEATURES

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• **Ambient light sensor -** Button LEDs dim or brighten based on the amount of light in the room
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• **Expandable -** Support for up to 32 loads with S2 Hosts, 64 loads with Smart Hosts and unlimited load count with the Pro and Super Pro Hosts

SCENES ON A BUTTON

Create a favorite scene in the Savant Pro App and assign it to a button on a Metropolitan or Echo Keypad.

Assign your Scenes to a button on an Echo or Metropolitan Keypad directly from the Savant Pro App.

Create the Scene you want or use a preexisting one, then choose which button to assign it to in your Savant Pro App.

UNMATCHED CONTROL

Be in complete control of your lighting with interface options including keypads, wall switches, touchscreens, remotes or voice commands.

Stay in control of your lighting remotely with a built-in secure remote connection to your home from the Savant Pro App.
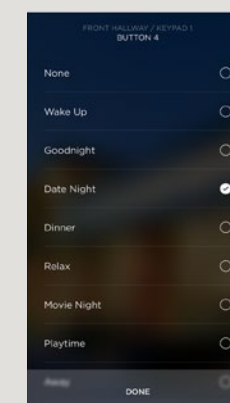
Choose A Scene
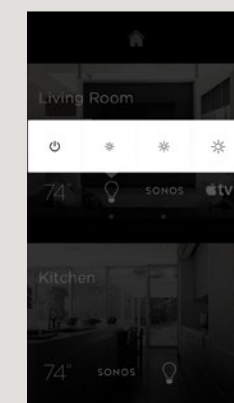
Quick Controls
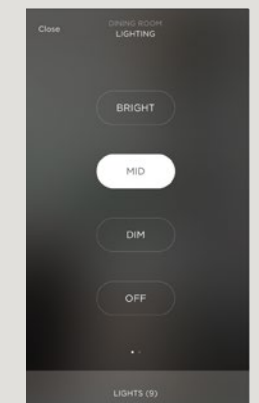
Brightness

SAVANT IP AUDIO

SAVANT IP AUDIO DISTRIBUTION

SOURCE TO SPEAKER

Any source, any speaker. The Savant IP Audio product line is a decentralized, massively scalable audio distribution solution. Utilizing AVB, a plug-and-play networking protocol, Savant IP Audio systems distribute and synchronize high resolution audio anywhere in the home. Simply plug any Savant IP Audio module into an AVB Ethernet switch to add audio to any room.

IP AUDIO 125 WITH SAVANT MUSIC
PAV-SIPA125SM

IP AUDIO 50 WITH SAVANT MUSIC
PAV-SIPA50SM

IP AUDIO 1 WITH SAVANT MUSIC
PAV-SIPA1SM

SPECIFICATIONS

Type	IP Audio Transmit and Receiver with Amplification	IP Audio Transmit and Receiver with Amplification	IP Audio Transmit and Receiver with Amplification
Model Number	PAV-SIPA125SM	PAV-SIPA50SM	PAV-SIPA1SM
Savant Music		Yes	
Analog Audio Inputs	2	2	1
Optical Audio Inputs	2	2	1
Powered Speaker Outputs	4 Zones	4 Zones	1 Zone
Amplifier Rating	125W/Ch (8 Ohm)	50W/Ch (8 Ohm)	125W/Ch (8 Ohm)
Pre-amp RCA Outputs (Fixed or Variable)	1	1	1
Pre-amp RCA Outputs (Fixed Only)	1	1	
Embedded DSP Profiles for Savant & Artison Speakers	1		
Audio Sync Delay Adjustment	0-160ms	0-160ms	0-160ms
Adjustable EQ		Yes	
Rack Height	2U	2U	1U

IP AUDIO EXPANSION

Type	IP Audio Input Transmitter	IP Audio Output Receiver	IP Audio Output Receiver	IP Audio Single In And Out
Model Number	PAV-AIM7C	PAV-AOM8C	PAV-AOMBAL8C	PAV-AIO1C
Analog Audio Inputs	3			1*
Optical Audio Inputs	2			1*
Digital Coax Audio Inputs	2			
Pre-amp Analog Outputs (Fixed or Variable)		8	8	1
IR Control Ports	6			
RS232 Control Ports	2			
GPIO Control Ports		2	2	
Adjustable EQ		•	•	•
PoE Powered				•
Rack Height	1U	1U	1U	1U

IP AUDIO MUSIC SERVER

This all native music streamer features an installer friendly form factor and makes installation easy with native support for AVB. Install with any Savant IP Audio solution and no audio connects are required.

SPECIFICATIONS

Type	Streaming Music Server with Transmitter
Model Number	PAV-SMS2001
Embedded Music Stream	•
Pre-amp Optical Outputs (Fixed Only)	1
Pre-amp Digital Coax Outputs (Fixed Only)	1
AVB Device Type	Talker/Listener
Audio Sync Delay Adjustment	0-160ms
Rack Mountable	With RMB-PAVAM2
Rack Height	1U

SUPPORTED BY SAVANT MUSIC

KEY FEATURES

- AirPlay content from any iOS device
- Instant access to popular streaming services including Spotify, Pandora, tunein, Deezer, Tidal, and Google Play Music plus access to local music through Plex
- Add music from any service to a Savant scene and ensure the mood is just the way you want
- Optical and Digital Coax connections for non AVB installs

IP AUDIO MICRO APERTURE

These decor friendly in-ceiling speakers are available with compact, paint-able round or square perforated grilles which compliment USAI lighting fixtures for a clean, crisp look that architects, decorators, and clients will love. IP speakers are a new innovation in the way sound is delivered. Isolated from rooms above through their closed backs, IP Audio speakers are POE powered and can drive up to three IP satellite speakers. This provides a 4-speaker capacity based on a single IP speaker and POE connection. Each IP speaker is individually controlled and connected to the network digital direct, eliminating the problems inherent with long analog audio speaker cable runs.

ACTUAL SIZE

4.65"

IP AUDIO MICRO APERTURE 4, ROUND
EDG-4-AVB-R

KEY FEATURES

AESTHETICS ABOVE

These decor friendly in-ceiling speakers are available with compact, paintable round or square perforated grilles which compliment USAI lighting fixtures for a clean crisp look that architects, decorators, and clients will love.

INSTALL EZE™ TOOL-LESS INSTALLATION

Exclusive magnet and spring clip design ensure the speakers stay secure in the ceiling, yet can be removed easily without needing to unscrew anything. The trim mounting ring makes them a perfect fit for both new construction and retrofit projects.

LOW BALANCED, LARGE AUDIO

Balanced Mode Radiator audio technology allows for big sound with far lower power requirements than traditional speakers.

MORE SPEAKERS, BETTER SOUND

Large in-ceiling speakers create audio hot and cold spots in a room, too loud when you are right under a speaker and too soft everywhere else. Micro Aperture speakers are just right.

DESIGN FRIENDLY, BUDGET FRIENDLY

IP Audio Micro Aperture active speakers include a internal amplifier and integrated electronics with Power over Ethernet and passive satellite speakers. Standard Micro Aperture passive speakers are also available for use with conventional amplification.

IP AUDIO CONNECTED

IP speakers are a new innovation in the way sound is delivered. Isolated from rooms above through their closed backs, IP Audio speakers are POE powered and can drive up to three IP satellite speakers. This provides a 4-speaker capacity based on a single IP speaker and POE connection. Each IP speaker is individually controlled and connected to the network digital direct, eliminating the problems inherent with long analog audio speaker cable runs.

IP AUDIO

Rooted in the company's rich history in telecom, Savant IP Audio utilizes AVB to deliver high-resolution audio directly to Savant IP speakers. Preserving all the warmth and detail of your music, while simultaneously reducing the cost and complexity of distributed entertainment solutions.

IP AUDIO MICRO APERTURE 4 SATELLITE, ROUND
EDG-4-SAT-R

MICRO APERTURE 4, ROUND
MRS-4-R
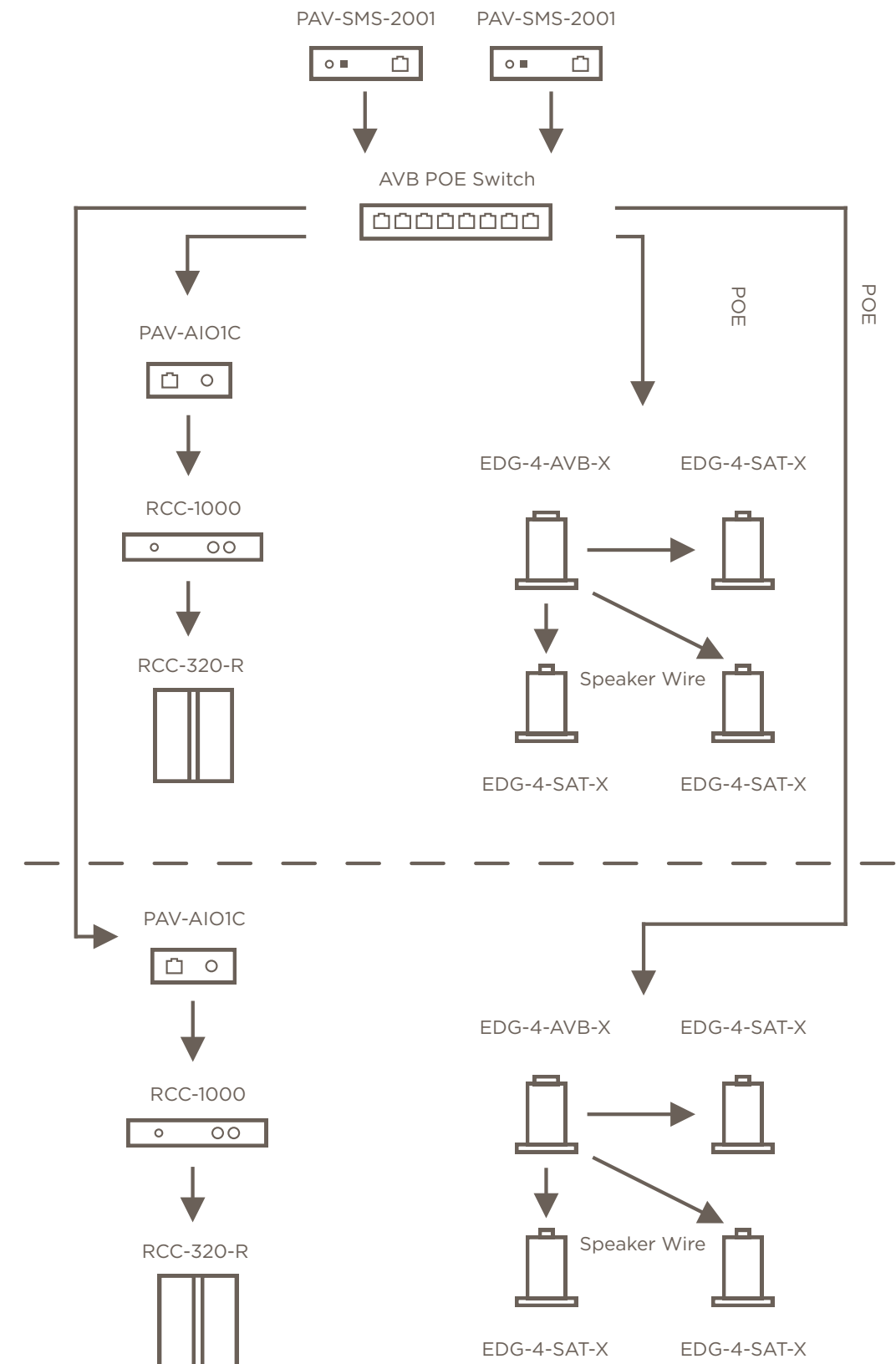
SPECIFICATIONS

	IP AUDIO MICRO APERTURE 4	IP AUDIO MICRO APERTURE 4 SATELLITE	MICRO APERTURE 4
Model Number	EDG-4-AVB	EDG-4-SAT	MRS-4
Driver	Full Range Speaker 3.0" BMR™ (Balanced Mode Radiator) Flat Paper Laminated Honeycomb Diaphragm with water resistant coating Rubber surround Die-cast Aluminum frame Neodymium Magnet Wide Off axis power response		
Frequency Response	Amplifier Frequency Response = 20Hz to 20kHz, +/-1dB Acoustic Frequency Response = 80 Hz - 20 kHz, +/- 3 dB DSP Bass Enhancement down to 40 Hz	Acoustic Frequency Response = 80 Hz - 20 kHz, +/- 3 dB DSP Bass Enhancement down to 40 Hz	80 Hz - 20 kHz, +/- 3 dB
Power	50W total (PoE 802.3bt Type 3)*	N/A	35W Max
Sensitivity	89dB SPL (2.83V/1 meter)	89dB SPL (2.83V/1 meter)	89dB SPL (2.83V/1 meter)
Dimension	4.65" x 5.23"	4.65" x 5.23"	4.05" x 5.23"
Weight	1.75 lbs	1.75 lbs	1.40 lbs
Recommended Subwoofers	Nano or RCC		
Install Eze Tool-less Installation	Yes		
Square SKU Available	Yes		
Round SKU Available	Yes		
Closed Back	Yes	Yes	No
POE driven Internal Amplifier	Yes	No**	No
Sold As	Pair***	Pair	Pair

* 22.5W with 1 satellite, 12W with 3 satellites

** No amplifier requried, driven off parent IP Aperture

*** Pair includes 1 IP Aperture and 1 IP Aperture Satellite

IP AUDIO SOUNDBARS

IP AUDIO SOUNDBARS

Raising the bar once again, Savant's Soundbar with integrated host simplifies small project installation by providing everything you need in one package. Our new all-in-one one single room entertainment solution includes a built-in host, single stream music server, and control ports. Pair with a Savant Pro Remote to deliver the complete Savant experience.

The IP Studio 46 with Integrated Host is part of Savant's IP audio product suite, allowing you to easily expand the project to include IP Micro Aperture in ceiling speakers, subwoofers and other distributed audio solutions.
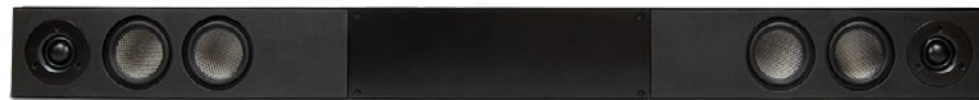
IP AUDIO SOUNDBAR 46 WITH INTEGRATED HOST,
HST-STUDIO46-2CH

IP AUDIO SOUNDBAR 46,
IP-STUDIO46-2CH

IP AUDIO SOUNDBAR 55 WITH INTEGRATED HOST,
HST-STUDIO55-2CH

IP AUDIO SOUNDBAR 55,
IP-STUDIO55-2CH

	IP AUDIO SOUNDBAR 46	IP AUDIO SOUNDBAR 55
Model Number	IP-STUDIO46-2CH-00	IP-STUDIO55-2CH-00
Option with Integrated Host	HST-STUDIO46-2CH-00	HST-STUDIO55-2CH-00
Savant Music Server	Yes	
Drivers	(4) 3.5" (89mm) Long Throw Carbon Fiber Midrange / Woofers (2) 25mm Vifa DX Super Audio Tweeters (2) 19mm Stage Tweeters	(6) 3.5" (89mm) Long Throw Carbon Fiber Midrange / Woofers (2) 25mm Vifa XT Super Audio Tweeters (2) 19mm Stage Tweeters
Frequency Response	Amplifier Frequency Response = 20 Hz to 20 kHz, +-1dB Acoustic Frequency Response = 100 Hz – 50 kHz ± 3 dB, bass enhancement to 50 Hz	Amplifier Frequency Response = 20 Hz to 20 kHz, +-1dB Acoustic Frequency Response = 80 Hz – 50 kHz ± 3 dB, bass enhancement to 40 Hz
Grille	Custom, minimum grille width: 45.4"	Custom, minimum grille width: 54.1"
Dimension	Without Grille: 4.17"H (105.9mm) x 44.76"W (1137mm) x 2.25"D (57.13mm) With Grille: 4.78"H (121.37mm) x Custom x 2.76"D (70.04mm)	Without Grille: 4.17"H (105.9mm) x 53.41"W (1356.50mm) x 2.25"D (57.13mm) With Grille: 4.78"H (121.37mm) x Custom W x 2.76"D (70.04mm)
Weight	30 lbs	31 lbs
Recommended Subwoofers	Nano 1 or RCC 320 Subwoofer	
Material & Finish	Extruded aluminum with black anodized finish	
Enclosure Type	Acoustic Suspension	
Inputs	Ethernet, TOSLINK	
Control Ports	Two RS232, Three IR	

STUDIO SOUNDBARS

ARTISON

ARTISON STUDIO SOUNDBARS

SEAMLESS AUDIO ATTACHED TO THE DISPLAY

Artison LCR Soundbars deliver superb sound without cluttering your décor. The side-firing driver configuration broadens the soundstage to achieve the dimensionality of a true cinema experience.


STUDIO 39

STUDIO 46

STUDIO 55

STUDIO 65

SPECIFICATIONS

Model	STUDIO 39	STUDIO 46	STUDIO 55	STUDIO 65
Driver Complement	**Four** - 3.5" Carbon Fiber Midrange/Woofers **Three** - 25mm Vifa DX Super Audio Tweeters **Two** - 19mm Stage Tweeters	**Six** - 3.5"(89mm) Long Throw Carbon Fiber Midrange/Woofers **Three** - 25mm Vifa DX Super Audio Tweeters **Two** - 19mm Stage Tweeters	**Six** - 3.5"(89mm) Long Throw Carbon Fiber Midrange/Woofers **Three** - 25mm Vifa XT Super Audio Tweeters **Two** - 19mm Stage Tweeters	**Eight** - 3.5"(89mm) Long Throw Carbon Fiber Midrange/Woofers **Three** - 25mm Vifa XT Super Audio Tweeters **Two** - 19mm Stage Tweeters
Dimensions Without Grille	**Height:** 4.2" (10.6 cm) **Width:** 37.4" (95.0 cm) **Depth:** 2.25" (5.7 cm)	**Height:** 4.2" (10.6 cm) **Width:** 44.76" (113.7 cm) **Depth:** 2.25" (5.7 cm)	**Height:** 4.2" (10.6 cm) **Width:** 53.38" (135.6 cm) **Depth:** 2.25" (5. 7 cm)	**Height:** 4.2" (10.6 cm) **Width:** 64.8" (164.7 cm) **Depth:** 2.2" (5. 7 cm)
Dimensions With Grille	**Height:** 4.76" (12.1 cm) **Width:** Custom **Depth:** 2.8" (7.0 cm)	**Height:** 4.76" (12.1 cm) **Width:** Custom **Depth:** 2.8" (7.0 cm)	**Height:** 4.76" (12.1 cm) **Width:** Custom **Depth:** 2.8" (7.0 cm)	**Height:** 4.76" (12.1 cm) **Width:** Custom **Depth:** 2.8" (7.0 cm)
Minimum Display Width	38"	45.4"	54.1"	65.5"
Minimum Grille Width	38"	45.4"	54.1"	65.5"
Enclosure	Extruded Aluminum			
Frequency Response	**Center:** 80 Hz – 40 kHz ± 3 dB **Left/Right:** 100 Hz – 40 kHz ± 3 dB	80 Hz - 50 kHz ± 3 dB	80 Hz - 20 kHz ± 3 dB	**Center:** 70 Hz – 50 kHz ± 3 dB **Left / Right:** 80 Hz – 50 kHz ± 3 dB
Recommended Power	**Center:** 75 – 150 Watts **Left/Right:** 50 – 100 Watts	75 – 150 Watts	75 - 150 Watts	75 - 150 Watts
Nominal Impedance	6 Ω	6 Ω	6 Ω	6 Ω
Sensitivity	87 db @ 2.83V, 1 Meter	89 db @ 2.83V, 1 Meter	89 db @ 2.83V, 1 Meter	89 db @ 2.83V, 1 Meter
System Weight	26 lbs	30 lbs	31 lbs	35 lbs
Accessories Available	• Mounting brackets included • Custom sized grilles available in Light Grey or Black. Grilles are sold separately.			

SIDE MOUNT SPEAKERS
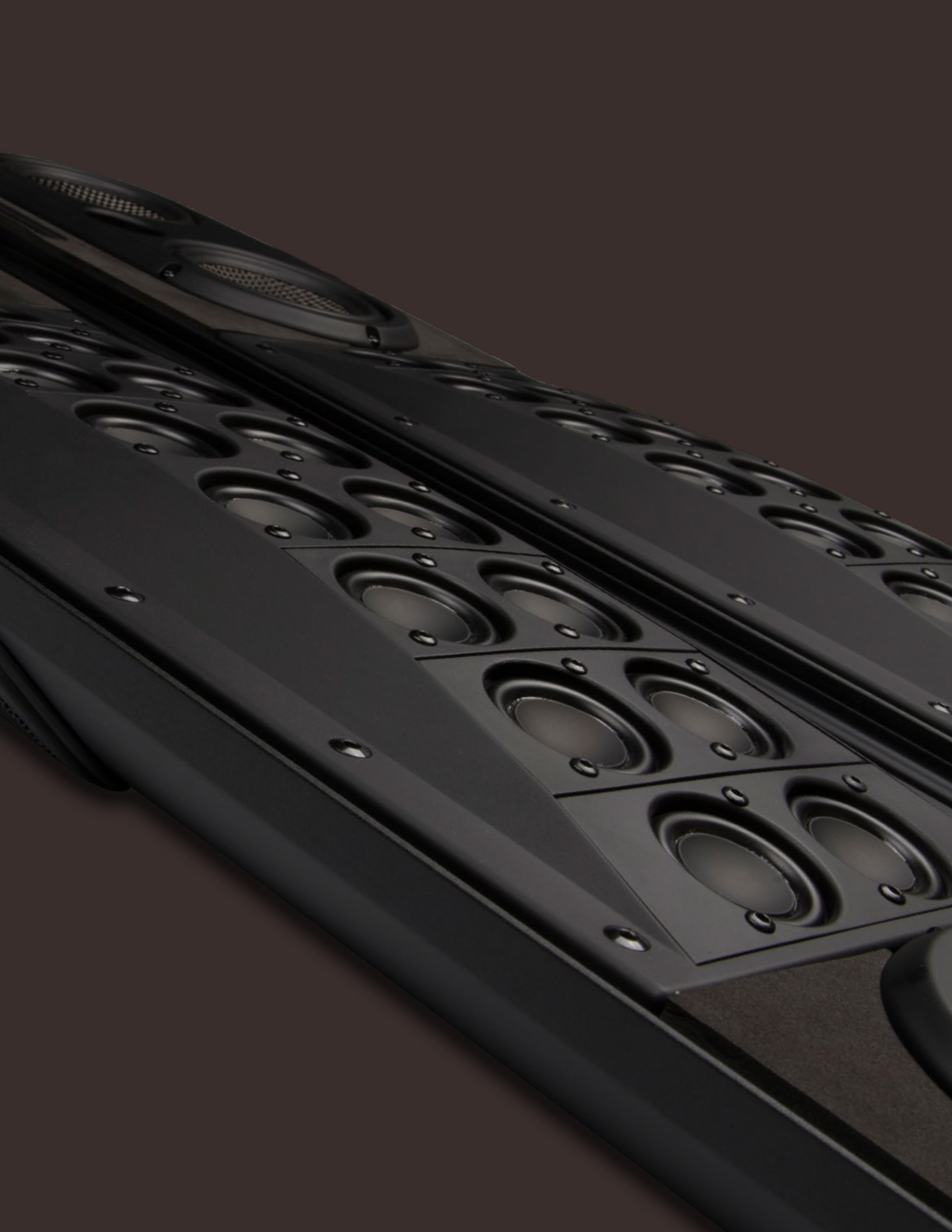
ARTISON SIDE MOUNT SPEAKERS

SEAMLESS AUDIO ATTACHED TO THE DISPLAY

The speaker that started a revolution - Artison's Dual Center LCR side mount speakers feature proprietary carbon fiber woofers, Vifa XT Super Audio Tweeters, and sleek enclosures designed to be hidden in plain sight. Technological and artistic details blend to create not merely state-of-the-art sound quality but an emotional experience that is unforgettable.

MASTERPIECE   PORTRAIT   SKETCH

SIDE MOUNT SPEAKERS

Model	MASTERPIECE	PORTRAIT	SKETCH
Sold As	Pair	Pair	Pair
Driver Complement	**Four** - 3.5" Carbon Fiber Midrange/Woofers **Sixteen** - 1" ART Drivers in Curved Line Array **One** - 1" Stage Tweeter	**Four** - 3.5" Carbon Fiber Midrange/Woofers **Two** - Vifa XT25 Super Audio Tweeters, 15° swivel mount **One** - 1" Stage Tweeter	**Two** - 3.5" Carbon Fiber Midrange/Woofers **Two** - 25mm Vifa DX Super Audio Tweeters **One** - 1" Stage Tweeter
Dimensions Without Grille	**Height:** 29.6" (75.1cm) **Width:** 6.2" (15.8 cm) **Depth:** 2.5" (6.3 cm)	**Height:** 25.3" (64.3 cm) **Width:** 6.2" (15.8 cm) **Depth:** 2.5" (6.3 cm)	**Height:** 25.3" (64.3 cm) **Width:** 6.2" (15.8 cm) **Depth:** 2.5" (6.3 cm)
Dimensions With Grille	**Height:** Custom **Width:** 6.5" (16.4 cm) **Depth:** 2.8" (7 cm)	**Height:** Custom **Width:** 6.5" (16.4 cm) **Depth:** 2.8" (7 cm)	**Height:** Custom **Width:** 6.5" (16.4 cm) **Depth:** 2.8" (7 cm)
Minimum Display Height	30" (76.2 cm)	25.7" (65.3 cm)	25.7" (65.3 cm)
Crossover	800 Hz	2.5 kHz	2.5 kHz
Frequency Response	80 Hz - 20 kHz ± 3 dB	80 Hz - 30 kHz ± 3 dB	**Center:** 80 Hz - 40 kHz ± 3 dB **L/R:** 100 Hz - 40 kHz ± 3dB
Recommended Power	100-250 Watts	100-200 Watts	**Center**: 75 - 150 Watts **L/R:** 50 - 100 Watts
Nominal Impedance	6 Ω	6 Ω	6 Ω
Sensitivity	89 db @ 2.83V, 1 Meter	89 db @ 2.83V, 1 Meter	87 db @ 2.83V, 1 Meter
System Weight	28 lbs	25 lbs	22 lbs
Accessories Available	• Custom size grilles match the size of the display, available in light grey & black. Grilles are sold separately. • Universal Mounting Brackets / Hardware Kit -ordered separately • Optional In-Wall Kit -ordered separately (note that speakers can be mounted on-wall with no additional components)		

CUSTOM SPEAKER GRILLES

By adjusting the size of the grille rather than the Soundbar or Side Mount speakers to adapt to any TV, our engineers can precisely tune each enclosure for optimal performance. When it's time to replace your screen, simply order a new grille for a perfect fit.

DESIGN CUSTOM SPEAKER GRILLES USING THE NEW ONLINE GRILLE DESIGNER

STEP ONE:

Log in to Savant Store and the create a new project in the Grille Designer. Enter project and room to get started.

STEP TWO:

Enter speaker and display information, including speaker mount location so proper cutouts can be accounted for. If display information is not listed or you have a unique mounting location, custom measurements can be entered.

STEP THREE:

Grille designs can be saved and ordered once the project is ready.

HIDDEN BASS

All Artison subwoofers incorporate RCC (Reactance Cancelling Configuration), ensuring zero cabinet vibration. Play them anywhere. The Nano can even live on a shelf, without moving an inch.

ARTISON NANO-1

Powerful and tiny, the Artison Nano One subwoofer is engineered to provide impactful bass without a bigger box.

ARTISON RCC-320
IN-WALL SUBWOOFERS

In-Wall Subwoofers deliver state-of-the-art technology that is designed to be heard and not seen. They can be installed into a standard 2 x 4 stud bay pre or post construction.

ARTISON NANO BACKPACK P5

Nano Backpack is an ultra-shallow surround sound processor/amplifier that is easily mounted behind a display for powerful performance from a barely noticeable package, with multiple digital and analog inputs for maximum flexibility. Measuring a mere 11.5" H x 11.75" W x 1.1" D, Backpack is specifically designed for high performance home theater audio in a tight space.

KEY FEATURES

- Anodized aluminum / satin black abs chassis
- Low profile layout for easy installation behind a flat panel display
- Decoding; Dolby Digital, DTS, Dolby Prologic II/IIX, DTS Neo
- Internal 2.4 / 5.8 Ghz antennas
- DLNA support
- On screen display with a graphical user interface
- IR remote control or ip controllable via RJ45/WI-FI
- Universal voltage high power internal SMPS (power supply)

ARTISON NANO-1
SUBWOOFER

7.5"

9"

Key Features	The RCC Nano One is the world's smallest high performance subwoofer. This diminutive powerhouse has the piston area of an oversized 8" woofer.
Color/Grilles	Black
Driver Complement	Dual active 6.5" Long Throw Aluminum
Dimensions	Including Grilles: 7.5"W x 8"H (including Feet) x 9"D
Enclosure	All aluminum extruded
Configuration	RCC Reactance Configuration (Vibration Free)
Amplifier	300 Watt – 900 Watt peak
Frequency Response	32 Hz - 160 Hz ± 3 dB
Impedance	N/A
Low level input	3.5 mm (1/8") Stereo Mini-jack
High level input	Left / Right Speaker Level
Voltage	110 – 260 AC Volts, Auto-Sensing Universal Supply
LPF (Low Pass Filter)	60 – 160 Hz
LPF Slope	12 or 18 dB/octave
Phase Control	0 – 180 Degrees
System Weight	20 lbs/9 kg
Accessories Available	Nano 1 Transmitter - includes transmitter and power adapter

ARTISON RCC-320
IN-WALL SUBWOOFERS

Key Features	In-Wall Subwoofers deliver state-of-the-art technology that is designed to be heard and not seen. Easily installed into a standard 2 x 4 stud bay pre or post construction. Special aluminum enclosures make the addition of a powerful yet invisible bass system a onetime simple operation. Custom Long Throw Drivers allow for deep powerful bass from a very small space.
Color/Grilles	Magnetic micro perforated steel grilles are paintable
Driver Complement	Four RCC 4" x 6" Woofers
Dimensions	**Retrofit** • Cabinet: 13.4"H x 14.2"W x 3.8"D • Grille: 15.0H x 16.0"W x 0.10"D **Pre-Construction** • Cabinet: 13.46"H x 13.94"W x 3.5"D • Grille: 14.17"H x 3.7"W x 0.10"D
Enclosure	• Extruded Black Anodized Aluminum • Adsorptive damping material for a very small enclosure, allowing for more versatile installation applications • IP 65 Rating is among the highest of waterproof ratings • Includes Installation Brackets
Configuration	RCC - Reactance Cancelling Configuration (Vibration Free)
Amplifier	Designed to work with the RCC1000-SA Amplifier
Frequency Response	30 Hz – 160 Hz ± 3 dB
Impedance	6.4 Ω
Low level input	
High level input	
Voltage	
LPF (Low Pass Filter)	
LPF Slope	
Phase Control	
Power consumption	
Power consumption using Wireless Input	
System Weight	22 lbs/10 kg
Accessories Available	Pre-Construction brackets included

SAVANT

savant.com