avation

PRODUCT CATALOGUE 2021

avation PROJECTS TEAM

Got a project that requires quality brands and design from one team who can support you throughout?

Avation Projects Team will assist in your full design. Simply send drawings and a scope of works and we will work with you to design your client's solution.

It's not enough to simply spec or install products from world-class brands — you need expert advice to ensure you're maximising the potential of those powerful products.

That's why the Avation Projects Team exists: we're here to make you look good!

Here to Make *You* Look Good

Call +61 7 5580 3300 • Email info@avation.com.au • Visit www.avation.co.nz

linkedin.com/company/avation   facebook.com/AvationHQ   instagram.com/avationhq

SAVANT — Control • IP Video / IP Audio • IP Soundbars — **4**	**LUXUL** — Networking — **50**
Just Add Power — AVoIP • VideoWall / Video Tiling — **66**	**avgear** — HDMI • HDBT / Power Managers / Scalers • Splitters — **74**
CHRISTIE — Projection • Panels — **98**	**OSD BLACK** — Indoor Speakers • Subwoofers / Home Theatre / Multizone Streaming — **100**
Pioneer — Home Theatre / Kits with OSD — **114**	**VIVID audio** — Premium Speakers / Stereo & Home Theatre — **126**

celerity technologies — Cable — **130**	**NEAR** — Outdoor Speaker Specialists — **132**
IC REALTIME — IP Cameras • NVR — **136**	**zappiti** — Media Centre — **148**
ZIGEN — Cable — **150**	

SAVANT

SAVANT PRO REMOTE 2

The all new redesigned Savant Pro Remote 2 takes smart home control to the next level. We packed all of the award-winning features of the previous generation (and more!) into a brand new clean, modern, minimalist design. We think you'll find it both excitingly different and comfortingly familiar in all the right ways.
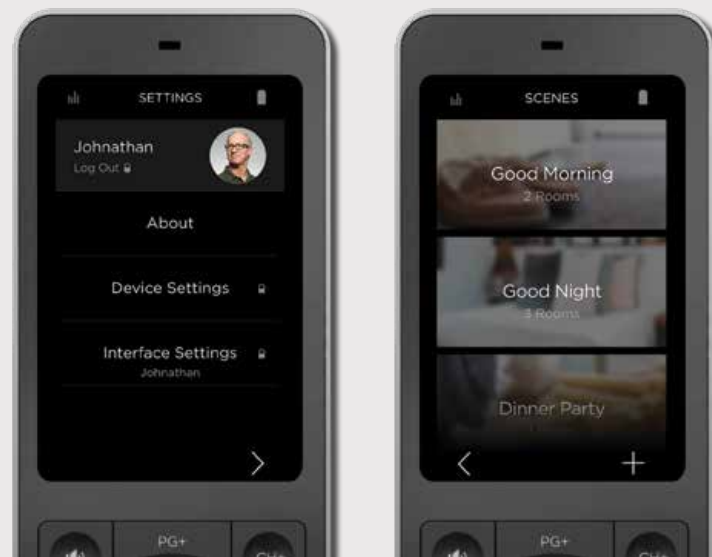
FEATURES
- 3.1" Screen
  True 480 × 600 Resolution
- Backlit Buttons
- Personalise Ellipsis Button as well as Touch Screen icons for control of sevices, scenes and favorite channels
- Quick Activation of New Savant TV User Interface with Savant Button
- Built-in Voice Control plus Siri Voice Control with IP Apple TV Integration
- Single & Multi-Room Control Options
- 2.4GHz/5.0GHz Wi-Fi Support
- Enhanced Magnetic Docking
- Heavy Duty 9.0 oz Base

VOICE PRIVACY
SAVANT VOICE
GUARANTEE

Full Aluminum Body

Personalise every remote to suit your individual needs

SETTINGS
Johnathan
Log Out
About
Device Settings
Interface Settings
Johnathan

SCENES
Good Morning
2 Rooms
Good Night
3 Rooms
Dinner Party

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.

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.

To get a closer look at what's **Now Playing** in your home, tap your activity feed.
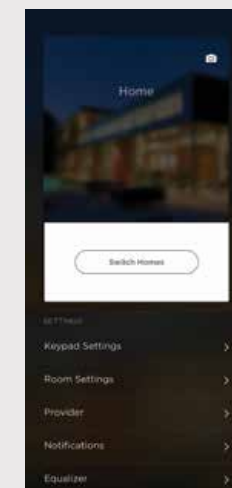
Scroll left or right through the carousel of available services in your Savant Home.

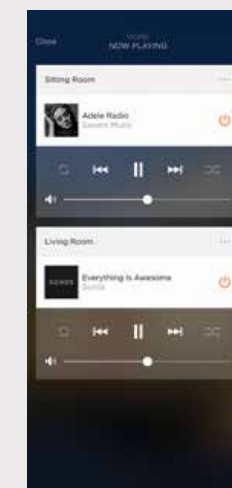A service that is active somewhere in the home is indicated by a dot.

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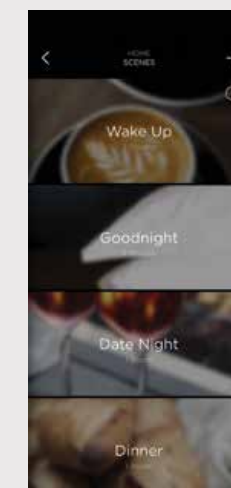
SYSTEM   SCENES

Home
Sat Radio is on in Dining Room & Kitchen

Radio   Apple TV   CD   Cable TV

HIGHLIGHTED SCREENS

Settings

Now Playing

Quick Controls

Scenes

Rooms View

avation   avation

ROOMS VIEW

The Rooms View displays every available service in each room.

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.

POWER OF SCENES

Capturing, creating, and editing Scenes is easier than ever.
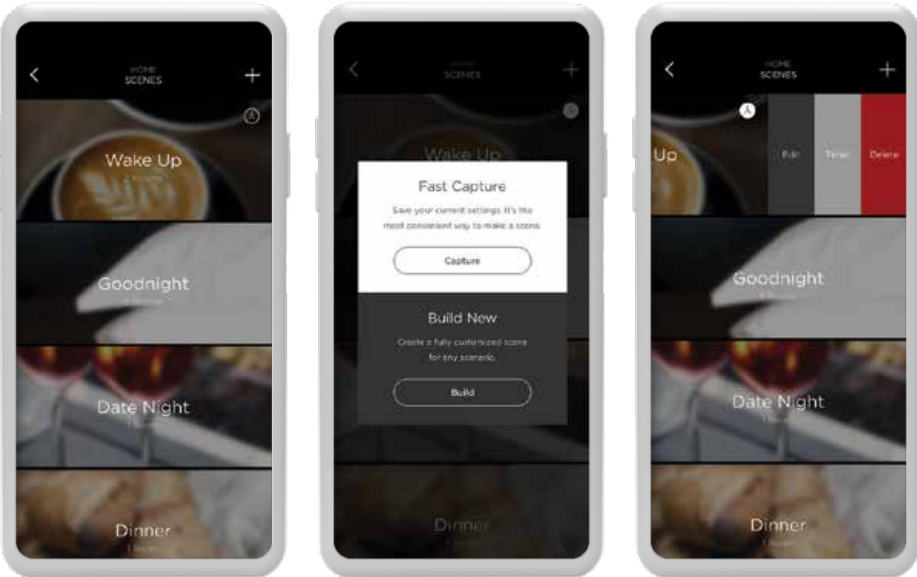
Tap the **+ icon** to capture or build a Scene. Each step has been designed for simplicity.

Swipe left on a **Scene** name to edit, set a countdown timer, or delete.

Scenes can be set as shared or left as personal. Shared Scenes are available to all users as well as accessible from in-wall touch screens.

Press and Hold or Force Touch on iOS to reorder Scenes.

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.

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**.

USER PROFILES

Let everyone in your house enjoy the benefits of Savant.

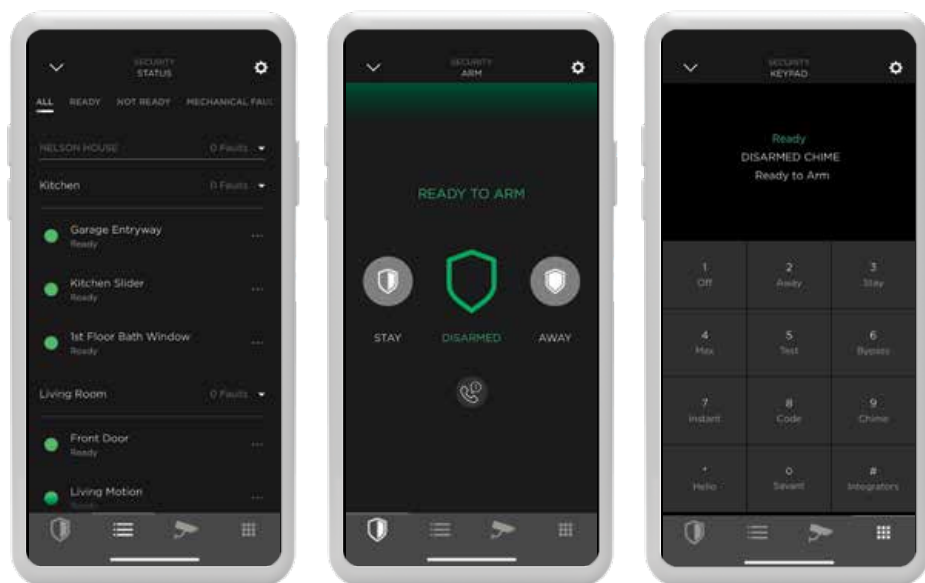The **Profiles** screen shows a list of who can use your Savant Home.

Add a new profile by tapping the **+ icon** and choosing from three different user types.

After inviting someone to your Home, tap on the new user profile to grant permission for **Control** of different rooms, services, or the ability to access your home remotely.

CUSTOM SCREENS

Speak to your Integrator about custom screen options.

Custom screens can be added to your Savant Pro App by your Authorised Savant Integrator.

Options include buttons for common activities that cannot be created in a Scene or to display status information for devices in your home.

SECURITY

Savant Pro supports most popular security platforms.

The buttons mimic your in-wall keypad so you can set your alarm from anywhere.

See the status of every sensor in your home at a glance.

Security cameras let you keep an eye on things when you're away.

APPLE WATCH

Merging the most sophisticated features with the greatest level of convenience.

Control and status has never been more convenient with the Savant Apple Watch app.

Capture the perfect moment and then save it as a **Savant Scene**. Use the Savant Apple Watch App to turn on and off any Savant Scenes, or only those that you frequently use.

Create **Notifications** to alert you to important status changes in your home, and then take action immediately and easily.

EYES, EARS & VOICE AT YOUR DOORSTEP

Introducing connected entry for your Savant home with the most advanced entry solution available, including a wide-angle camera with video capture plus two-way intercom. Savant door stations make communicating and controlling your entry points simple and accessible.

FEATURES

• Video recording for later viewing
• Five assignable ringtones
• Answer, see, and speak to visitors from anywhere
• Customisable user interface in Savant Pro App
• Notifications for events such as visitors or motion
• Includes night vision camera
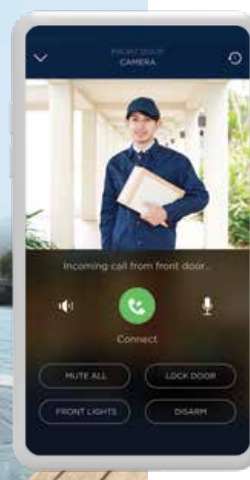
ANSWER FROM ANYWHERE

Be notified instantly when someone is at your door with an audio and video feed from the door entry station, regardless of where you are. Answer to start the two way intercom, and unlock the door, turn on the lights or activate a Savant Scene.

ON-DEMAND VIDEO HISTORY

Want to see what happened? Use your device to access video recorded when someone pressed the keypad, or when motion, noise or tampering has been detected. Video clips are automatically stored for 90 days, or lock individual clips to retain for longer.

CUSTOMISATION

Personalise the entry system controls to lock and unlock doors, turn on flood lights, open the garage door, and more. Ask your Authorised Integrator to create up to four custom buttons on the Entry Services screen for commonly used shortcuts.
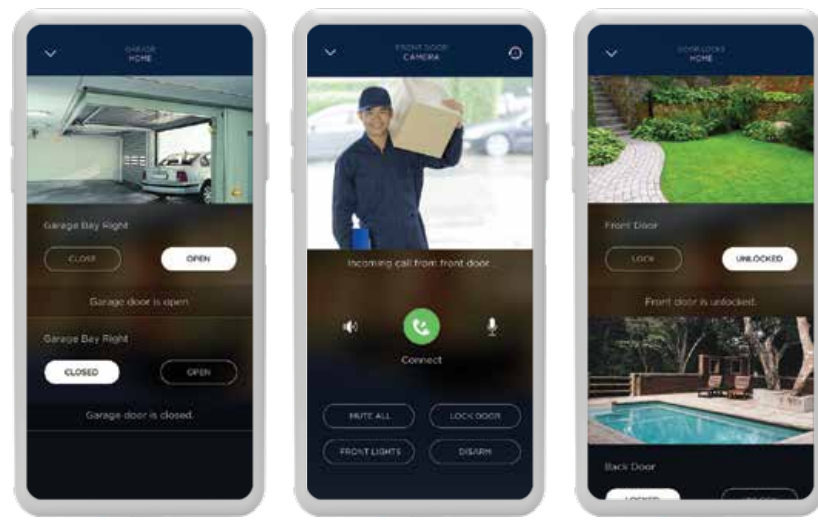
GARAGE DOOR & DOOR LOCK

Garage doors indicate if they are open or closed and show warnings if there are any problems.

Lock and unlock doors and see the status of which doors are locked and which are not at a glance.

View cameras to see who is at the door, even if you are away from home.

SECURITY

Set alerts for motion or noise. Plus, night vision allows you to monitor your entryway if movement is detected, even in the dark. Optional tamper sensors to provide an alert if anyone attempts to open or disconnect the door station.

SINGLE HEIGHT DOOR STATION

Features & Options	Included
Video and Audio Intercom	Yes
Night vision camera	Yes
Video recording	Yes
Remote Notifications	Yes
User adjustable ring volume	Yes
Surface mount option	Yes
Flush mount option	Yes
Heavy Duty Construction	
Black finish available	Yes
Silver finish available	Yes
Power	PoE 802.3af
Tamper Alert	Optional
Keypad	
Key Fob Sensor	
Display Module	
Bluetooth Sensor	
Heavy Duty Construction / IP Rating	IP54

OPTIONAL ACCESSORIES
Options include flush mount and surface mount pre-construction brackets, tamper sensors and more.

DOUBLE HEIGHT DOOR STATION

Features & Options	Included
Video and Audio Intercom	Yes
Night vision camera	Yes
Video recording	Yes
Remote Notifications	Yes
User adjustable ring volume	Yes
Surface mount option	Yes
Flush mount option	Yes
Heavy Duty Construction	
Black finish available	Yes
Silver finish available	Yes
Power	PoE 802.3af
Tamper Alert	Optional
Keypad	Optional
Key Fob Sensor	Optional
Display Module	Optional
Bluetooth Sensor	Optional
Heavy Duty Construction / IP Rating	IP54

OPTIONAL ACCESSORIES
Options include flush mount and surface mount pre-construction brackets, tamper sensors and more.

HEAVY DUTY DOOR STATION

Features & Options	Included
Video and Audio Intercom	Yes
Night vision camera	Yes
Video recording	Yes
Remote Notifications	Yes
User adjustable ring volume	Yes
Surface mount option	Yes
Flush mount option	Yes
Heavy Duty Construction	Yes
Black finish available	Yes
Silver finish available	
Power	PoE 802.3af
Tamper Alert	Optional
Keypad	Yes
Key Fob Sensor	
Display Module	
Bluetooth Sensor	
Heavy Duty Construction / IP Rating	Yes / IP69

OPTIONAL ACCESSORIES
Options include flush mount and surface mount pre-construction brackets, tamper sensors and more.

COMPARISON CHART

Features & Options	Single	Double	Heavy Duty
Video and Audio Intercom	Yes	Yes	Yes
Night vision camera	Yes	Yes	Yes
Video recording	Yes	Yes	Yes
Remote Notifications	Yes	Yes	Yes
User adjustable ring volume	Yes	Yes	Yes
Surface mount option	Yes	Yes	Yes
Flush mount option	Yes	Yes	Yes
Heavy Duty Construction			Yes
Black finish available	Yes	Yes	Yes
Silver finish available	Yes	Yes	
Power	PoE 802.3af	PoE 802.3af	PoE 802.3af
Tamper Alert	Optional	Optional	Optional
Keypad		Optional	Yes
Key Fob Sensor		Optional	
Display Module		Optional	
Bluetooth Sensor		Optional	
Heavy Duty Construction / IP Rating	IP54	IP54	Yes / IP69

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 colour and brightness simultaneously change in your virtual light and in your real-world fixture.
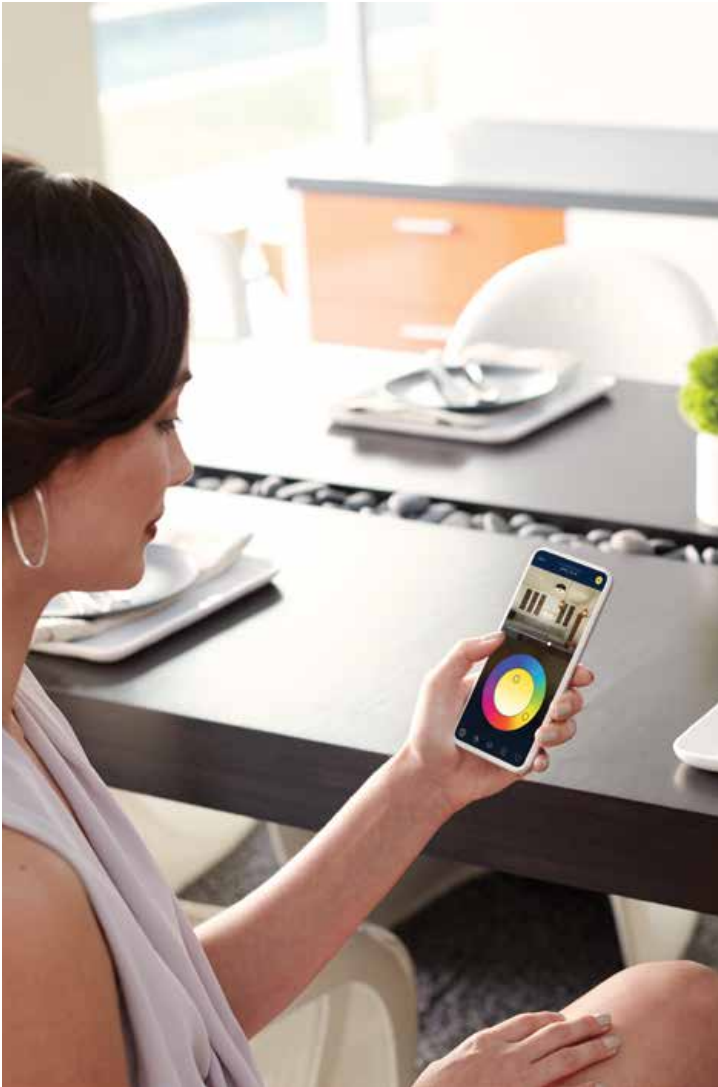
STEP 1: TAKE YOUR TRUEIMAGE PHOTO

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 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 Colour.

NEXT LEVEL COLOUR

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

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

14
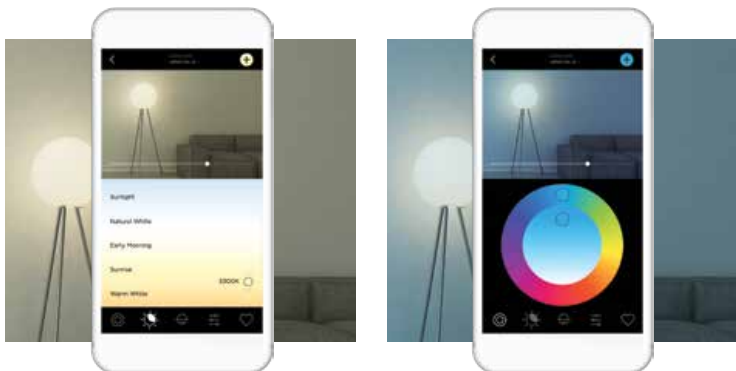
SCALABLE SYSTEM ARCHITECTURE

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 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 USER INTERFACES: THE BEAUTY OF THE SYSTEM

The Savant User Interfaces are designed to deliver a personalised control experience. User Interfaces include mobile devices, touch panels, remote controls, keypads climate interfaces and even voice.

SAVANT CONTROLLERS: THE BRAWN OF THE SYSTEM

The Savant Controllers act as Bridge between the Savant Host and the subsystems that are being controlled.

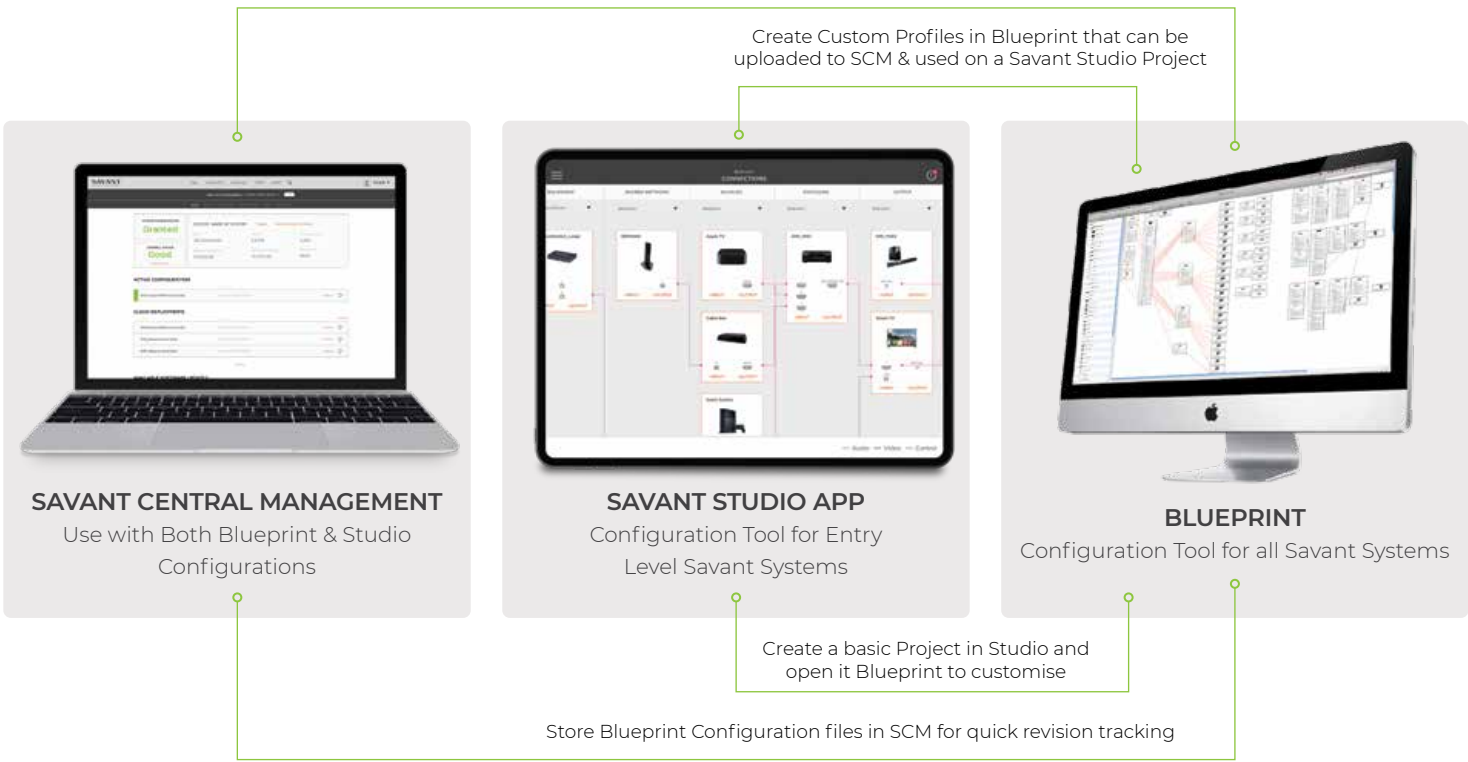Savant Studio

Savant Cloud Mgmt (SCM)

Savant Pro App (iOS, Android)

SAVANT TOOLS: THE POWER TO PERSONALISE 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.

HOW IT ALL WORKS TOGETHER

Create Custom Profiles in Blueprint that can be uploaded to SCM & used on a Savant Studio Project

SAVANT CENTRAL MANAGEMENT
Use with Both Blueprint & Studio Configurations

SAVANT STUDIO APP
Configuration Tool for Entry Level Savant Systems

BLUEPRINT
Configuration Tool for all Savant Systems

Create a basic Project in Studio and open it Blueprint to customise

Store Blueprint Configuration files in SCM for quick revision tracking

15

SAVANT HOSTS

CURRENT HOSTS

	S2 Host	HST-STUDIO	HST-SIPA1SM	Smart Host with Control	Pro Host
In Blueprint as	S2 Host	HST-STUDIO	HST-SIPA1SM	Smart Host with Control	Pro Host
Purchased as	SHC-S2-00	HST-STUDIO46-2CH-00 or HST-STUDIO55-2CH-00	IP Audio 1 with Integrated Host and Savant Music 2.0	HST-SAVANT6-00 or HST-SAVANT6P-00	SVR-5100S-00
Available Licensing	Pre-Installed	Pre-Installed	OSL-SMRT9-00	OSL-PRO9 or OSL-PRO9U
Anything rooms	(2) Rooms	(2) Rooms	(12) Rooms	Open
Audio Only Rooms	(4) Additional Audio-only Rooms	(4) Additional Audio Only	(6) Additional Audio-only Rooms	N/A
Environmental Only Rooms	Open	Open	Open	N/A
Pro App Compatibility	Savant Pro App	Savant Pro App	Savant Pro App (3) Instances of TrueControl (1) Instance of TrueConference	Savant Pro App TrueControl TrueConference
Tiling	No	No	Yes ***	Yes
Energy Service	No	No	(24) Sensors / (6) WPS max -or- 32 Companion Modules	Open
HVAC	(4) T-stats	(4) T-stats	(12) T-stats	(64) T-stats
Security	(64) endpoints	(64) endpoints	(128) endpoints	Open
IP Cameras	(4) cameras	(4) cameras	(8) cameras	Open
Lighting	(32) loads	(32) loads	(64) loads	Open
Shades	(32) shades	(32) shades	(32) shades	Open
Mobile Devices	(24) devices	(24) devices	(24) devices	Open
BACnet & KNX Integration	Yes	Yes	Yes	Yes
Savant IP Video Devices	No	No	Open (No Tiling)	Open
Savant IP Audio Devices	1 stream	Up to 6	Up to 18 streams	Up to 45 (+200 Listen Only)
Savant Music	Yes (Requires SMS unit)	Yes	Yes (Requires SMS unit)	Yes (Requires SMS unit)
Sonos	Yes	Yes	Yes	Yes
Entry Stations	(1) Station	(1) Station	(3) Stations	(5) Stations
Garage Door	(2) Garage Doors	(2) Garage Doors	(8) Garage Doors	Open
Door Locks	(2) Door Locks	(2) Door Locks	(8) Door Locks	Open
Controllers	All Controllers in Blueprint	All Controllers in Blueprint	All Controllers in Blueprint	All Controllers in Blueprint

SAVANT CONTROLLERS

Now that your aware any Savant job just needs one HOST, you can have an unlimited amount of controllers. These can be either centralised or decentralised depending on your design. How cool is that?

SSC-W002G
Control Ports
• 1 Relay
• 1 GPIO

SSC-W003I
Control Ports
• 3 IR

SSC-W02R
Control Ports
• 3 RS232

SSC-0012
Control Ports
• 1 Ethernet
• 6 IR
• 2 RS-232
• 2 Relay
• 2 GPIO

SSC-0014
Control Ports
• 1 Ethernet
• 7 Relay
• 7 GPIO

SSC-P0025
Control Ports
• 1 Ethernet
• 8 RS-232
• 6 IR
• 3 Relay
• 7 GPIO

SSC-W103I-00
• IR learning
• 3 IR control ports
• Wi-Fi (802.11 b/g/n 2.4 GHz)
• Ultra-compact, surface mount design

SSC-W485-00
• Dedicated native RS485 port
• Powers off 24V to provide easy integration with shades.
• Ultra-compact, surface mount design

SSC-002485
• 2 RS485 ports
• 3 Relay ports
• 7 General Purpose IO (GPIO) ports
• 1 Ethernet port

RECOMMENDED SAVANT PROFILES

SAVANT CERTIFIED

Savant has over 7000+ profiles available in its database.
Please ask your local representative for more information.

Alarm Panels

NESS PARADOX

inner range
www.innerrange.com
Intelligent Security Solutions

Lighting & Shades

LUTRON C-Bus

dynalite somfy.
AUTOMATION & CONTROLS

FIBARO nero
powered by environexus

PHILIPS
hue personal wireless lighting KNX

Entry & Security

Yale ring 2N
An Axis company

august IC REALTIME

HVAC

Coolmaster AIRTOPIA
ENHANCED CLIMATE CONTROL

IntesisBox SENSIBO

izone BIG ASS FANS

COOLAUTOMATION

Pools & Spa

IntelliTouch
pool/spa control system iAquaLink

Audio & Video

REVEL audioquest.

ARCAM PureLink

crown DEVIALET

AudioControl
Making Good Sound Great JBL

BLACKDOVE

Cameras

dahua TECHNOLOGY MOBOTIX

HIKVISION AXIS
COMMUNICATIONS

IC REALTIME

TVs

SONY LG Life's Good

SAMSUNG

Energy & Power

SURGEX RACEPOINT
RETHINKING THE GRID

Networking

NETGEAR LUXUL

Extreme networks

Voice Control

Google Home WORKS WITH amazon alexa

LIGHT ENGINE

The Avation lighting server implements a lighting system server as an intermediary communications server, a 'proxy', to facilitate control and state feedback between Clipsal C-Bus, Dynalite and other lighting systems and Savant home automation systems.

The web interface allows for quick and easy lighting system integration with Savant allowing you to convert the Cbus or Dynalite system file directly to a Savant Plist without having to type in the addresses. It also incorporates the profile for fast set up and integration

The Avation Light Engine POE v2 is housed in a DIN rail mounting enclosure. It features an rs232 port as well as the option to select between static IP and DHCP assignment and the unit supports POE power while a micro USB PSU is included if POE is not available. Please note C-gate installations natively embedded on the Savant Host are no longer supported

avation
light engine

SAVANT

ANSWER FROM ANYWHERE

Be notified instantly when someone is at your door with an audio and video feed from the door entry station, regardless of where you are. Answer to start the two way intercom, and unlock the door, turn on the lights or activate a Savant Scene.

savant.com
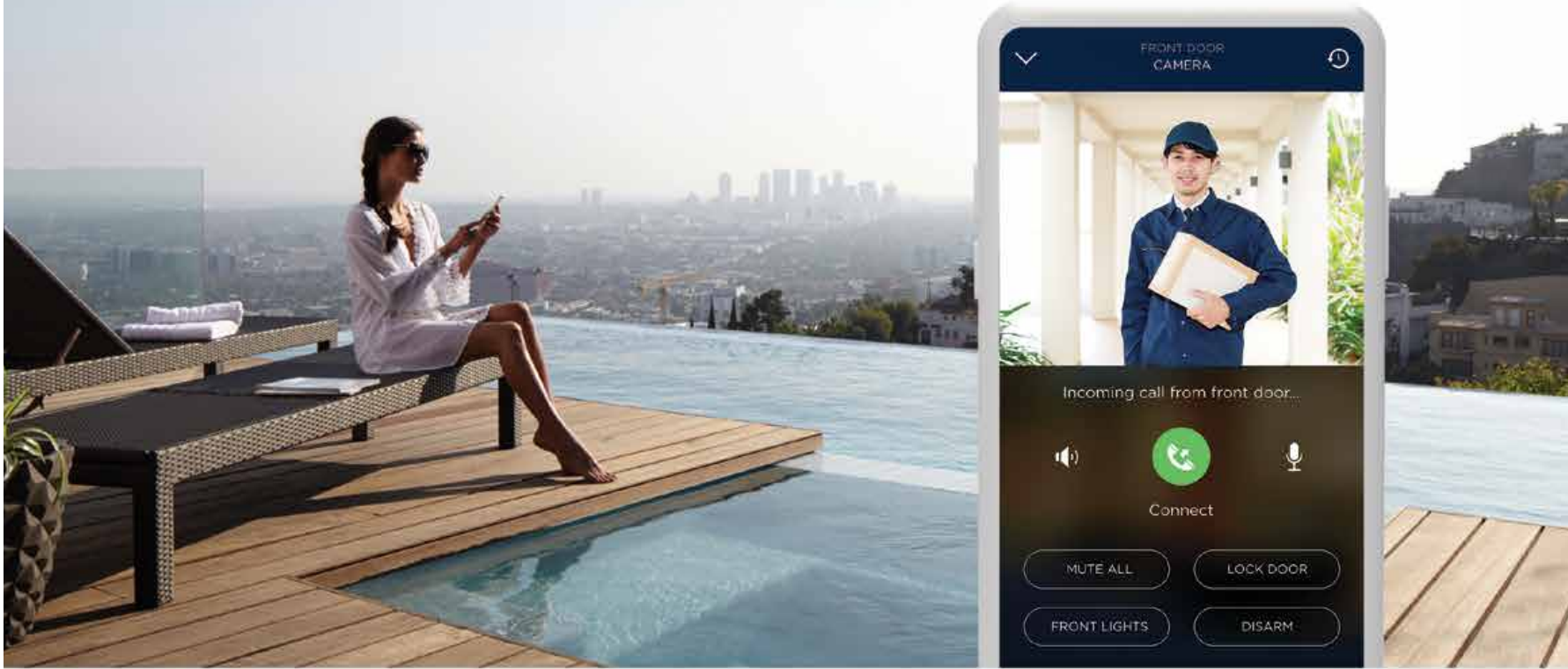
SAVANT HOME APP FOR APPLE TV

ON-SCREEN DISPLAY RE-IMAGINED
The new Savant Home App for Apple TV delivers on-screen control of your entire home, including climate, lighting, audio and more.

The Savant Home App delivers you the power to view door station cameras, adjust temperature and music, set your favorite Savant Scene, and create the perfect mood by adjusting lights to just the right colour.

The Savant Home App is scalable to fit the needs of any home. When used in conjunction with Savant IP Video, advanced features are available including the ability to bring up the on-screen menu without missing a beat. Simply launch the On-Screen Display feature from any Savant remote control and the menu bar appears directly below the action.

You can also choose the Savant Home App in Direct Mode. Direct Mode brings up the menu full-screen and requires only an Apple TV for simple set-up.

IP VIDEO CONTROL
Combined with Savant's award winning IP Video switching technology, the on-screen experience does not require you to switch sources from what you are currently watching, even if you are in Video Tiling Mode. Plus the Savant Home App can be accessed from any TV in the house.
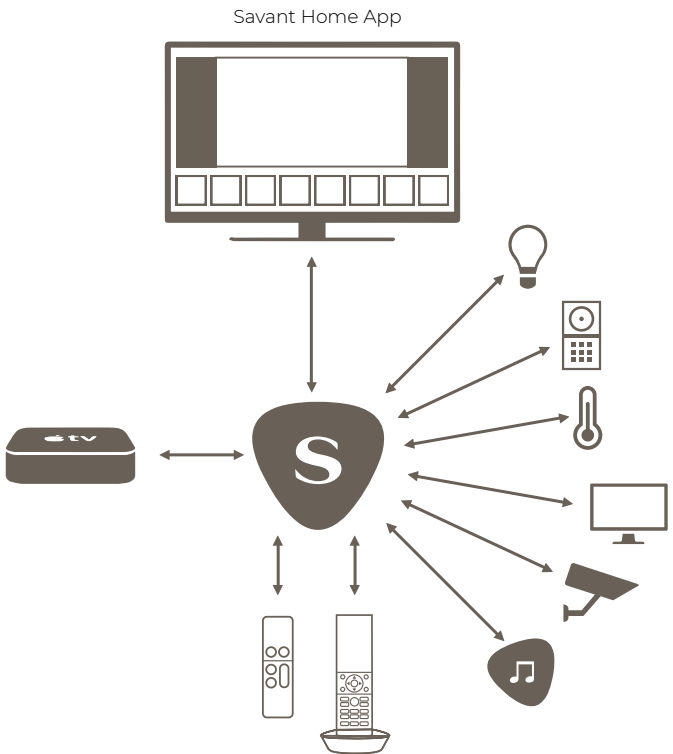
IP VIDEO INSTALLATION

Savant Home App   Video Tiling   Video Wall

Video Output   Video Output   Video Output

Savant Video Switch
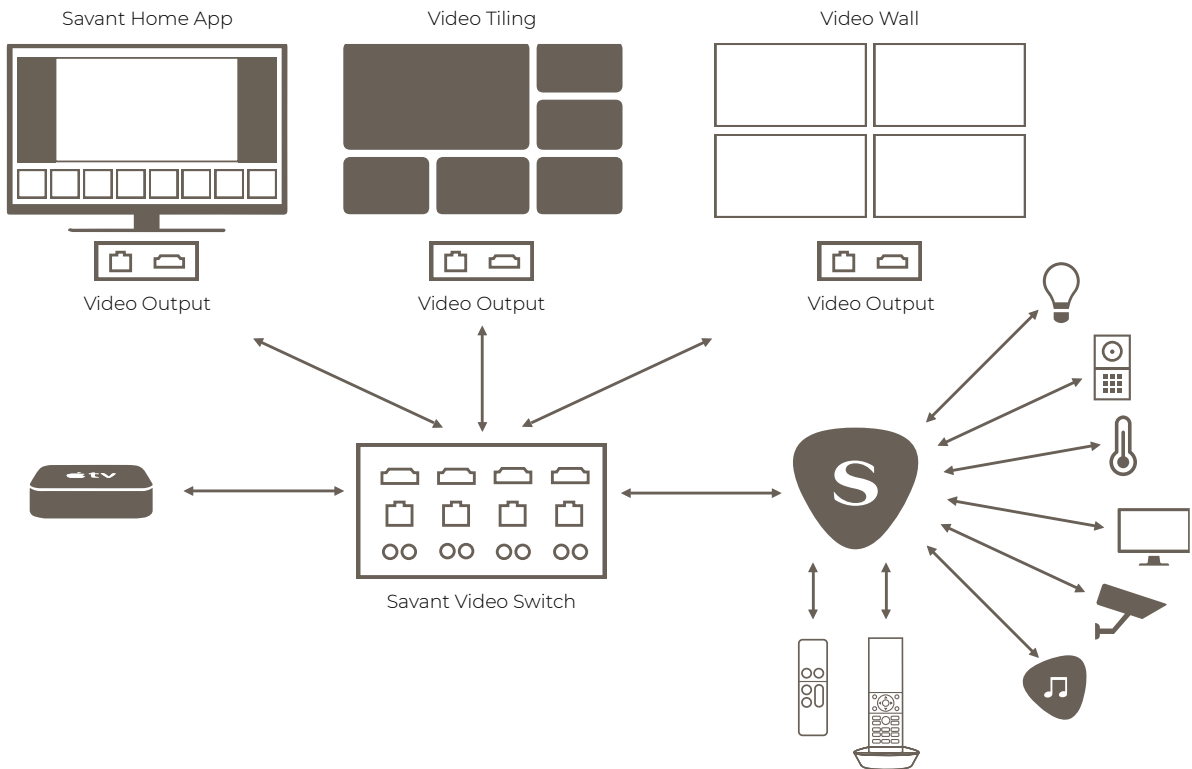
DIRECT CONTROL
With simple installation and design for an individual TV, the Savant Home App for Apple TV displays just like any other video source, presenting a full screen control center for your Savant Home.

DIRECT CONTROL INSTALLATION

Savant Home App

CONTROL OPTIONS
The Savant Home App for Apple TV can be accessed and controlled with any Savant User Interface. Or with a Direct Control installation the Apple TV remote can also be used for control.

www.avation.com.au

www.avation.com.au

LIGHTING
Full control of any lighting fixture in your home, including visual feedback updated in real-time with Savant's TrueImage technology.

CLIMATE
Climate control is as easy as selecting the desired climate zone and adjusting the set points on-screen.

SECURITY CAMERAS
Peace of mind at the touch of a button. View your security cameras in full-screen resolution without leaving your couch.
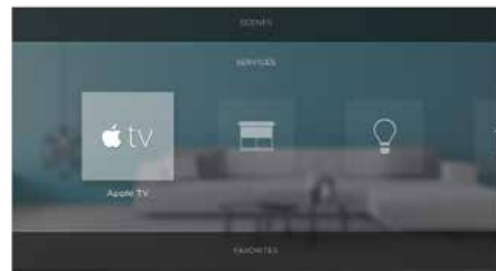
MUSIC
Seamlessly traverse albums and playlists. Display info on what's playing right now for party guests.

SHADES
Shade control is as easy as selecting the shade and adjusting the height.

ENERGY
Check in on the consumption or generation of energy within your home.

CABLE TV
Bring up the cable TV guide or quickly navigate to favorite channels with the Cable TV service.

IP VIDEO CONTROL
Combined with Savant's award winning IP Video switching technology, the on-screen experience does not require you to switch sources from what you are currently watching, even if you are in Video Tiling Mode. Plus the Savant Home App can be accessed from any TV in the house.

ENERGY MONITORING & MANAGEMENT

The Savant Pro App provides real-time, utility grade energy information.
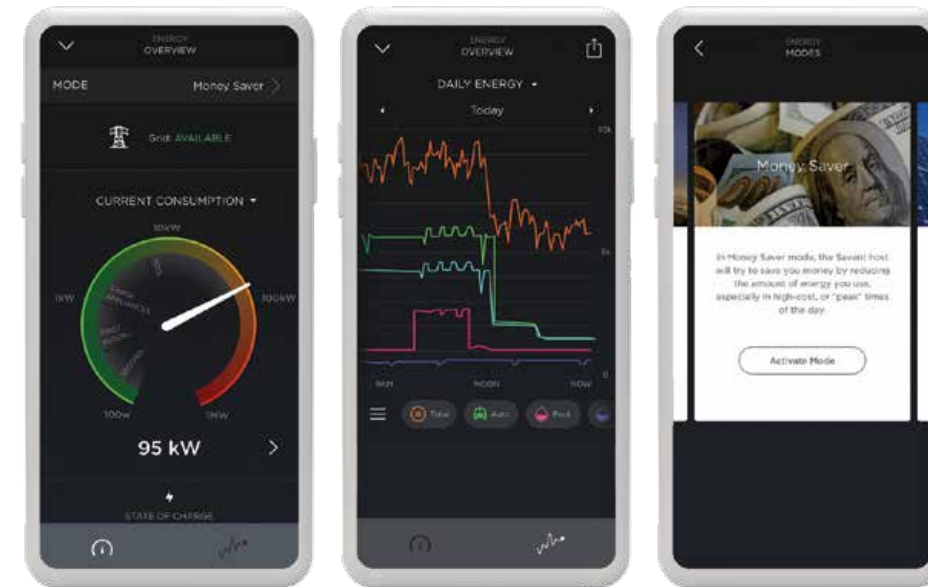
View and monitor energy usage trends, see real-time, utility grade consumption data and activate pre-defined Energy Modes. Energy Modes are like Savant Scenes for energy consumption.

Pair the Savant System with Racepoint Energy Solar Panels and battery storage systems and now you can manage energy generation, storage and consumption.

DAYLIGHT MODE

Create and control your own Personal Wellness Experience.

With **Daylight Mode** activated, your lights will transition though colour temperatures througout the day to correspond to the sun.

Designed to help with your circadian rhythm, lights will adust to warmer temperatures in the morning and evening and cooler in the middle of the day.

USAI Lighting, Savant DMX Light Strips & Smart Bulbs are all compatible with Daylight Mode.
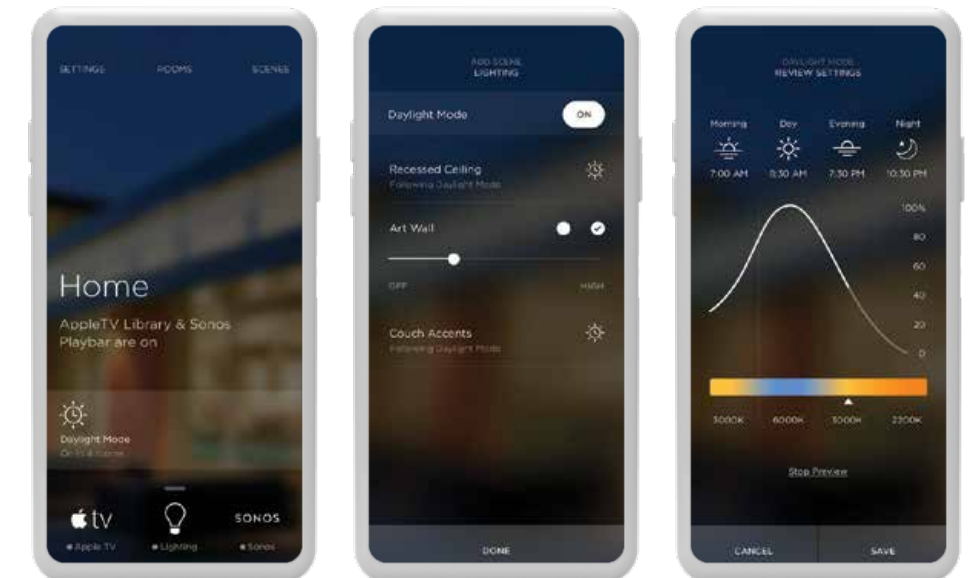
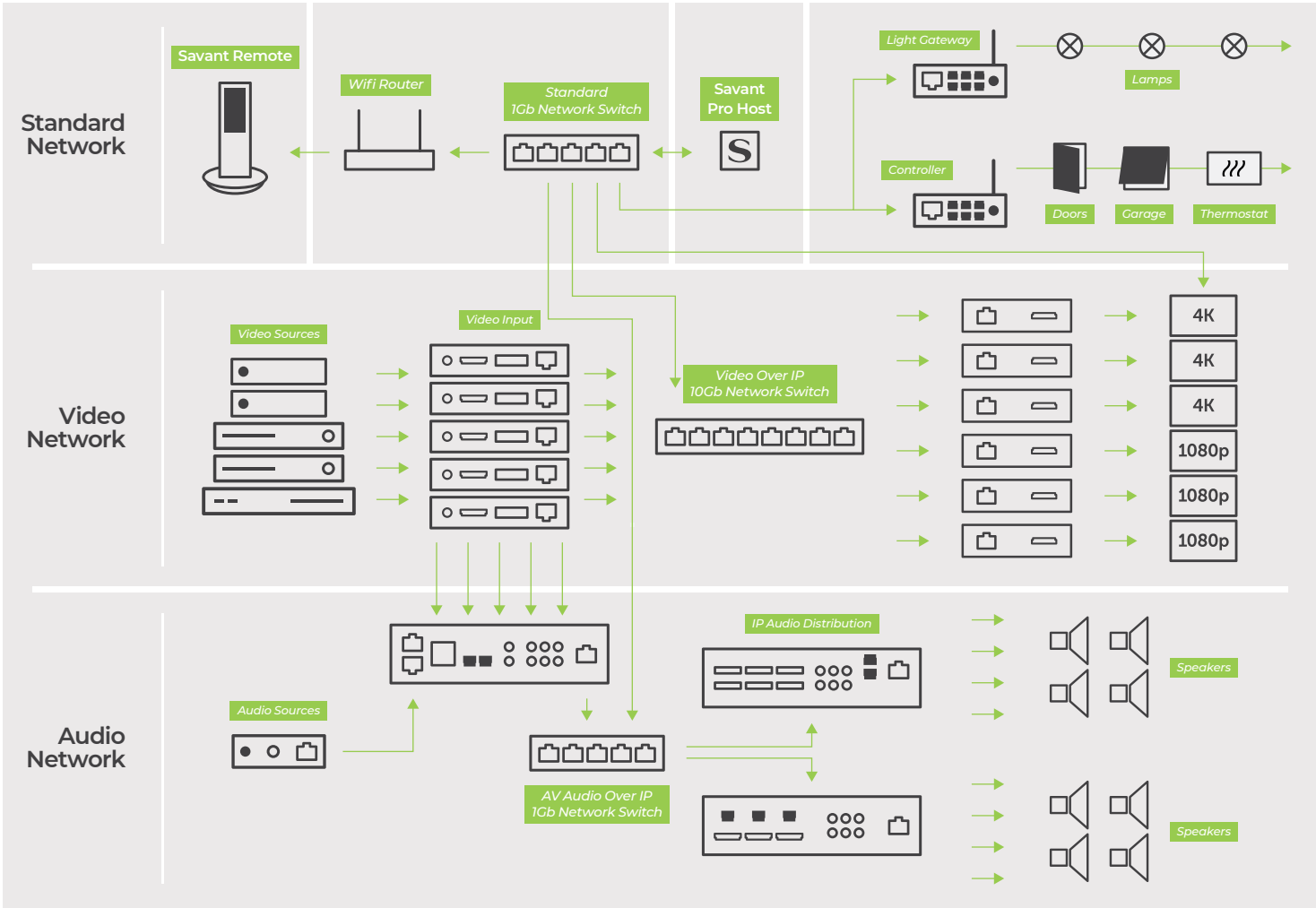# SAVANT IP VIDEO

Thrill the Audience with Savant IP Solutions

IP VIDEO

Savant 4K-Over-IP is an advanced, high-speed, scalable solution that fi ts equally in small and large video distribution systems. Audio Down-mixing and advanced video processing enable Savant IP Video and Audio distribution solutions to deliver any video and/or audio source to any room.

4K **DOLBY VISION** **HDR**

IP VIDEO TILING – ONLY FROM SAVANT

Display multiple sources on a screen, simply control sources and choose audio, create presets, add to Savant Scenes and much more.

SEE IT ALL
Savant's unique control interface makes multiple views simple and intuitive. Select from predefined layouts, drag a tile to move views, double tap to expand a particular source, or press and drag the audio icon to choose which source to listen to.

CONTROL AT YOUR FINGERTIPS
Tap on any tile to bring up the control interface for that source. Whether it's streaming, cable, satellite, or your favorite gaming console, Savant's advanced interface determines the right controls for that source.

VIDEO TILING ANYWHERE
With Savant's IP Video solutions, Video Tiling is available on any display connected to the IP Video system, either with the same view or each with an independent view.

ALL YOUR FAVORITES
Access all your favorite channels at a touch. Save certain views with predefi ned layouts, channels and sources. Keep one for all your morning information, one for your work day, and another for game day, the choice is yours.

HIGH-PERFORMANCE ENTERTAINMENT
Distribute pristine pixel perfect video at the highest resolutions, and clean, clear audio from source to speaker. Deliver scalable and reliable custom systems that live up to the Savant name.

4K

ONLY FROM SAVANT
Savant IP Video combines the latest in 10GbE networking with proprietary technology to distribute exact uncompressed video with zero frame latency at the most commonly used 4K resolutions*. Includes support for HDCP 2.2 and HDMI 2.0a with HDR**.

SUPER SCALE
Use Savant IP Audio and Video for your largest distribution jobs. System size is only bounded by the network. Simply add more Savant IP transmitters or receivers on the network to add a new source or display to the system.

BRING THE AUDIO
Only Savant provides solutions for simultaneous audio distribution over IP. Options available to down-mix surround audio to 2 channel and distribute over the AVB/TSN network, or use PCM audio.

ROCK SOLID RELIABILITY
Savant pioneered reliable, fast switching HDMI distribution with audio and uses the same technology to deliver synchronised video and audio content to any room over IP.

AT YOUR COMMAND
Includes Savant control ports for each input and output. With support for Video Tiling, format locking per display, video down-conversion and EDID management, Savant IP video ensures you are always in command.

FUTURE PROOF
10GbE network bandwidth ensures that your video distribution system will be ready for whatever tomorrow brings.

VIDEO INPUTS

Video Inputs take sources and transmit them to the 10Gb Video network.

Type	Video Transmitter 4 or 8 Input	Video Transmitter 4 or 8 Input	Video Transmitter Single Input	Video Transmitter Single Input	Video Transmitter Single Input
Model Number	PAV-VIM4S / PAV-VIM8S	PAV-VIMAP4S / PAV-VIMAP8S	PAV-VIM1C	PAV-VIMVP1C	PAV-VIMVP1F
CONNECTIVITY					
IR Control Ports	4 / 8 (1 Per Source)	4 / 8 (1 Per Source)	1	1	1
RS232 Control Ports	4 / 8 (1 Per Source)	4 / 8 (1 Per Source)	1	1	1
1GbE Network Connectivity	4 / 8 (1 Per Source)	4 / 8 (1 Per Source)	1	1	1
Recommended Infrastructure	SFP + Termination	SFP + Termination	Cat6A / Cat7	Cat6A / Cat7	Duplex MM Fiber
10GbE Termination Type	SFP+	SFP+	RJ45	RJ45	Dual LC
Supported Distance	300m / 1000'	300m / 1000'	100m / 330'	100m / 330'	300m / 1000'
Legacy Copper Support	N/A	N/A	Cat6 @ 30m / 100'	Cat6 @ 30m / 100'	N/A
VIDEO PERFORMANCE					
Video Wall Compatibility	●	●	●	●	●
Multi-View / Tiling Compatibility	●	●		●	●
Audio Downmixing with AVB Integration		●			
PCM Stereo / Multi-Channel PCM Support	●	●	●	●	●
Supported Video Formats	Up to 4K/60 4:4:4 w/ HDR	Up to 4K/60 4:4:4 w/ HDR	Up to 4K/60 4:4:4 w/ HDR	Up to 4K/60 4:4:4 w/ HDR	Up to 4K/60 4:4:4 w/ HDR
HDMI	2.0a	2.0a	2.0a	2.0a	2.0a
HDCP	2.2	2.2	2.2	2.2	2.2
HDR Support	●	●	●	●	●
INSTALLATION					
Rack Mountable	●	●	With RCK-PAVVM8		
Rack Height	3U	3U	5U (Up to 8 Transmitters)		

VIDEO OUTPUTS

Video Outputs receive video from the 10Gb network and output them to TVs and projectors

Type	Video Receiver Single Output	Video Receiver Single Output	Video Receiver Single Output
Model Number	PAV-VOM1C	PAV-VOMVP1C	PAV-VOMVP1F
CONNECTIVITY			
IR Control Ports	1	1	1
RS232 Control Ports	1	1	1
1GbE Network Connectivity	1	1	1
Recommended Infrastructure	Cat6A / Cat7	Cat6A / Cat7	OM3 Duplex MM Fiber
10GbE Termination Type	RJ45	RJ45	Dual LC
Supported Distance	100m / 330'	100m / 330'	300m / 1000'
Legacy Copper Support	Cat6 @ 30m/100'	Cat6 @ 30m/100'	N/A
VIDEO PERFORMANCE			
Video Scaling		●	●
Seamless Switching		●	●
Video Wall Compatibility		●	●
Multi-View / Tiling Compatibility		●	●
HDMI Audio	●	●	●
Supported Video Formats	Up to 4K/60 4:4:4 w/ HDR	Up to 4K/60 4:4:4 w/ HDR	Up to 4K/60 4:4:4 w/ HDR
HDMI	2.0a	2.0a	2.0a
HDCP	2.2	2.2	2.2
HDR Support	●	●	●

SAVANT MUSIC

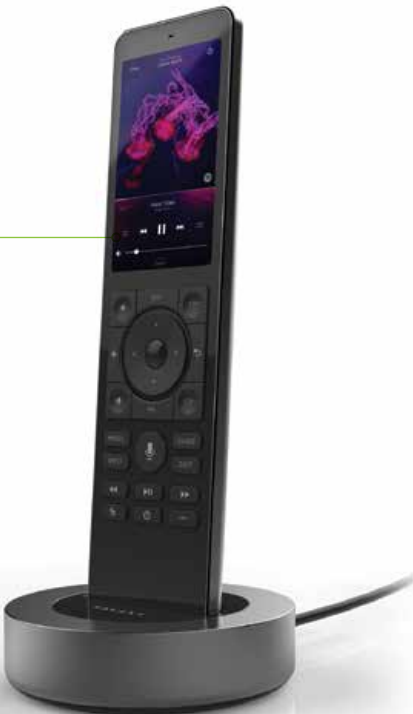**Hi·Res AUDIO**
24BIT, 96KHZ
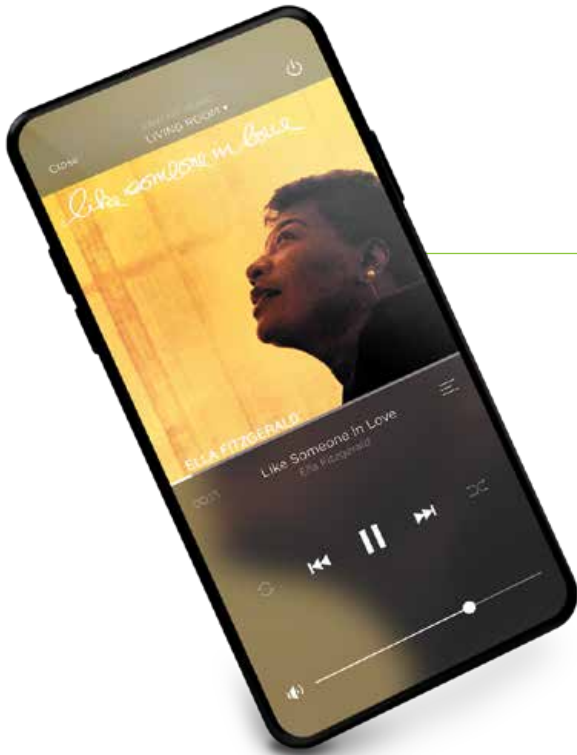
IDEAL FOR AUDIOPHILES

Hear music as it's meant to be heard. Enjoy instant access to your stored collection of high-fidelity content in the den, study, or even by the pool.

STREAMING STRAIGHT TO ANY ROOM

Savant Music is now included with every Smart Host, which makes whole-home audio more accessible and affordable than ever.

SAVANT MUSIC

VOICE PRIVACY
SAVANT VOICE
GUARANTEE

CUTTING EDGE CONTROL

The Savant Pro Remote offers state of the art audio control from your favorite seat—just say "Play Music" and listen to recent selections, playlists, and favorites.

ALL YOUR MUSIC IN ONE PLACE

With Savant Music, you can stream Spotify, Pandora, Deezer, and more—or call up a classic from your digital album collection.

Max streams – 40
Max zones – 240

Browse music in your favorite streaming services without leaving the Savant Pro App.

Airplay audio throughout your house, direct from your phone to a Savant media server.

Add music from any service to a Savant scene and ensure the mood is just the way you want.

MUSIC GETS PERSONAL

All of your music in one place, accessible from any one of our award-winning user interfaces. The Savant Music platform offers an unmatched personalised listening experience. Powerful advanced search features, cutting edge wireless technology, and seamless, intuitive control that scales to suit your needs.
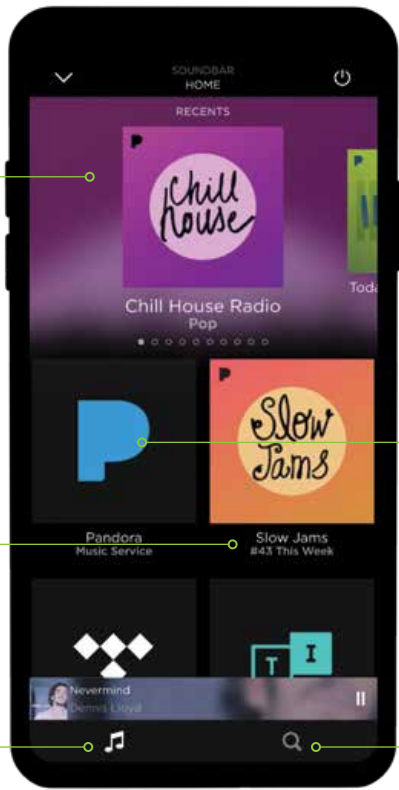
SAVANT MUSIC

See your **Recent Searches** populated here

Custom Dashboard Add streaming services, playlists, artists, albums and more to keep the content you want front and center.

Browse all of your music from all of your sources in one **Library**.

Supported **Music Services** include:

- Spotify
- Pandora
- Google Music
- AirPlay
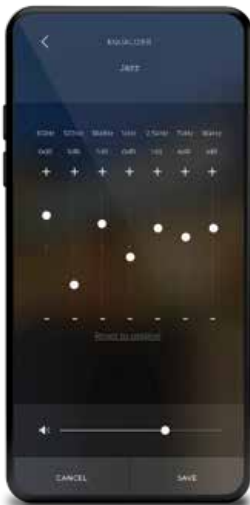- Tidal
- Plex
- SiriusXM
- Tunein
- Deezer

Get right to the music you want right now. Search across all services at once with our powerful, streamlined **Music Search**.
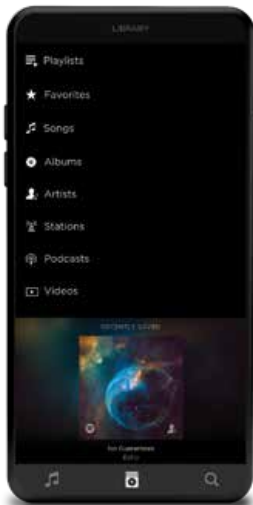
Air Play 2 coming soon

Hi-Res AUDIO 24BIT, 96KHZ

Wireless Surround   Equaliser   Music Library

AUDIO SETTINGS

Our Smart Audio speakers deliver best in class wireless audio with simple configuration right from the Savant Pro App. Just connect, locate speakers, and assign channels for up to 5.2 surround in minutes.

The Savant Pro App's Equaliser function lets even the most discerning audiophiles keep their sound dialled in perfectly, with a 7-band graphical EQ allowing for ±12dB attention. Users can create and save personalised presets, then apply them to any active audio service with a single tap.
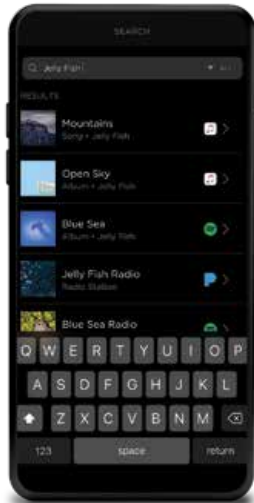
Now Playing   Search

SAVANT IP AUDIO

**SAVANT IP AUDIO DISTRIBUTION**

Any source, any speaker. The Savant IP Audio product line is a decentralised, massively scalable audio distribution solution. Utilising AVB, a plug-and-play networking protocol, Savant IP Audio systems distribute and synchronise 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.

Hi-Res AUDIO 24BIT, 96KHZ
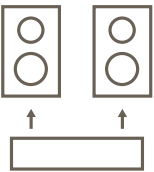
SOURCE-TO-SPEAKER
Only Savant offers a complete source-to-speaker audio distribution solution. Enjoy high-performance end-to-end delivery of digital music that circumvents the signal loss and degradation of traditional analog music systems. Deploy dynamic solutions that blend in-room speakers with the enhancement of a subwoofer to provide a richer experience.
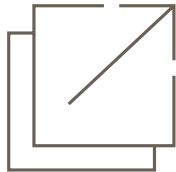
MODULAR AND SCALABLE
Design systems using products with the perfect combination of music, switching, amplifi cation and control. Fewer products, less rack space, quicker deployment, higher satisfaction.

Savant IP Audio offers the fl exibility to deploy any sized solution from an enhanced single room audio experience to the largest of distributed applications.

DISTRIBUTED ARCHITECTURE
The home network has changed everything about our modern lives, including how we distribute audio signals throughout a home. Savant IP Audio leverages leading network technologies to decentralise your system and place equipment where it makes sense – closer to speakers or even in another building. A single category cable is all that is required to link it all together, reducing wiring and installation costs.

HIGH RESOLUTION
Your favorite streaming sources are delivered in stunning, high-resolution audio to any area of the home. Sit back and enjoy the experience of sitting in the recording studio with your favorite artist.

SEAMLESS INTEGRATION
The perfect companion to a Savant IP Video system, Savant IP Audio works hand-in-hand to ensure synchronised delivery of stereo sound for any video source being distributed to your TV.

STANDARDS-BASED
Utilising Audio Video Bridge (AVB), a plug-and-play IEEE networking protocol, Savant IP Audio systems distribute and synchronise high resolution audio throughout the home with extremely low latency.

SAVANT IP AUDIO DISTRIBUTION

Hi-Res AUDIO 24BIT, 96KHZ

IP AUDIO 50
With Savant music PAV-SIPA50SM

IP AUDIO 125
With Savant music PAV-SIPA125SM

IP AUDIO 1
With Savant music HST-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	HST-SIPA1SM
Savant Music	Yes	Yes	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	Yes	Yes
Rack Height	2U	2U	1U

IP AUDIO EXPANSION

SPECIFICATIONS

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.

Hi-Res AUDIO 24BIT, 96KHZ

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

tunein   Spotify   DEEZER   TIDAL
pandora   Google Play Music   PLEX

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 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.

SPECIFICATIONS	IP AUDIO SOUNDBAR 46	IP AUDIO SOUNDBAR 55
Model Number	HST-STUDIO46-2CH-00	HST-STUDIO55-2CH-00
Savant Music Server	Yes	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) × 44.76"W (1137mm) × 2.25"D (57.13mm) With Grille: 4.78"H (121.37mm) × Custom × 2.76"D (70.04mm)	Without Grille: 4.17"H (105.9mm) × 53.41"W (1356.50mm) × 2.25"D (57.13mm) With Grille: 4.78"H (121.37mm) × Custom W × 2.76"D (70.04mm)
Weight	30 lbs	31 lbs
Recommended Subwoofers	Nano 1 or RCC 320 Subwoofer	Nano 1 or RCC 320 Subwoofer
Material & Finish	Extruded aluminum with black anodised finish	Extruded aluminum with black anodised finish
Enclosure Type	Acoustic Suspension	Acoustic Suspension
Inputs	Ethernet, TOSLINK	Ethernet, TOSLINK
Control Ports	Two RS232, Three IR	Two RS232, Three IR

ARTISON STUDIO SOUNDBARS

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

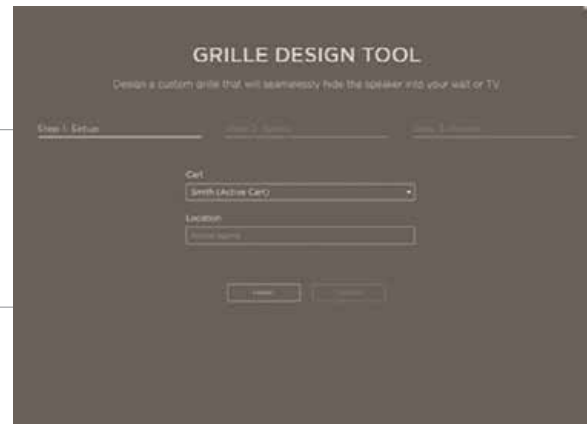| Model	STUDIO 39	STUDIO 46	STUDIO 55	STUDIO 65
Driver Complement	Four – 3.5" Carbon Fiber Midrange/Woofers Three – 25mm Vifa DX Super Audio Tweeters Two – 19mm Stage Tweeters	Six – 3.5"(89mm) Long Throw Carbon Fiber Midrange/Woofers Three – 25mm Vifa DX Super Audio Tweeters Two – 19mm Stage Tweeters	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	Extruded Aluminum	Extruded Aluminum	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 Ohms	6 Ohms	6 Ohms	6 Ohms
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.	• Mounting brackets included • Custom sized grilles available in Light Grey or Black. Grilles are sold separately.	• Mounting brackets included • Custom sized grilles available in Light Grey or Black. Grilles are sold separately.	• Mounting brackets included • Custom sized grilles available in Light Grey or Black. Grilles are sold separately.

www.avation.com.au
www.avation.com.au

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.

WIRELESS SMART AUDIO

WIRELESS SURROUND SYSTEM

Savant's revolutionary wireless surround sound system offers industry-leading quality and control in an unexpectedly compact, easily installed package. With Savant Host technology built right in to our soundbar, your home audio system can now deliver much more than just top quality sound.

SMART AUDIO SOUNDBAR
WIRELESS SOUNDBAR WITH BUILT-IN SAVANT HOST TECHNOLOGY

Your home audio system can now deliver much more than

just top quality sound. Savant's revolutionary 3-Channel LCR

Soundbar with built-in automation and control technology provides incredible audio quality, plus a single stream of Savant Music, integrated control ports, and Savant Host processing capabilities.

- Expand with IP Audio over AVB
- WiSA technology eliminates wiring to surrounds and subs
- Integrated Streaming Music Services
- Integrated Control Ports for Local Devices
- Install Flexibility with Ethernet & Wi-Fi
- Audio Optimisation with Artison DSP & Speaker Design
- Ships with standard size grille, with option to order custom grille

SMART AUDIO SURROUNDS
WIRELESS SURROUND SPEAKERS

Savant's Smart Audio surround speakers allow for modular scaling to meet the sound system needs of even the most discerning audiophile. Available in your choice of colour and finish, our surrounds integrate effortlessly with Smart Audio Soundbars and Subwoofers to deliver a truly immersive entertainment experience.

- WiSA technology eliminates wiring to soundbar and subs
- Optional Stand
- Available in Black or White

SMART AUDIO SUBWOOFER
WIRELESS SURROUND SUBWOOFER

Get industry-leading RCC Vibration Cancelling technology from the people who invented it. The Savant Smart Audio Subwoofer delivers clear, powerful low range audio in a small, unobtrusive package. Integrates easily with Smart

Audio Soundbars and Surround Speakers for naturally scalable, immersive audio. Supports AVB to connect with other Savant IP Audio components for system-wide distribution.

IP AUDIO MICRO APERTURE

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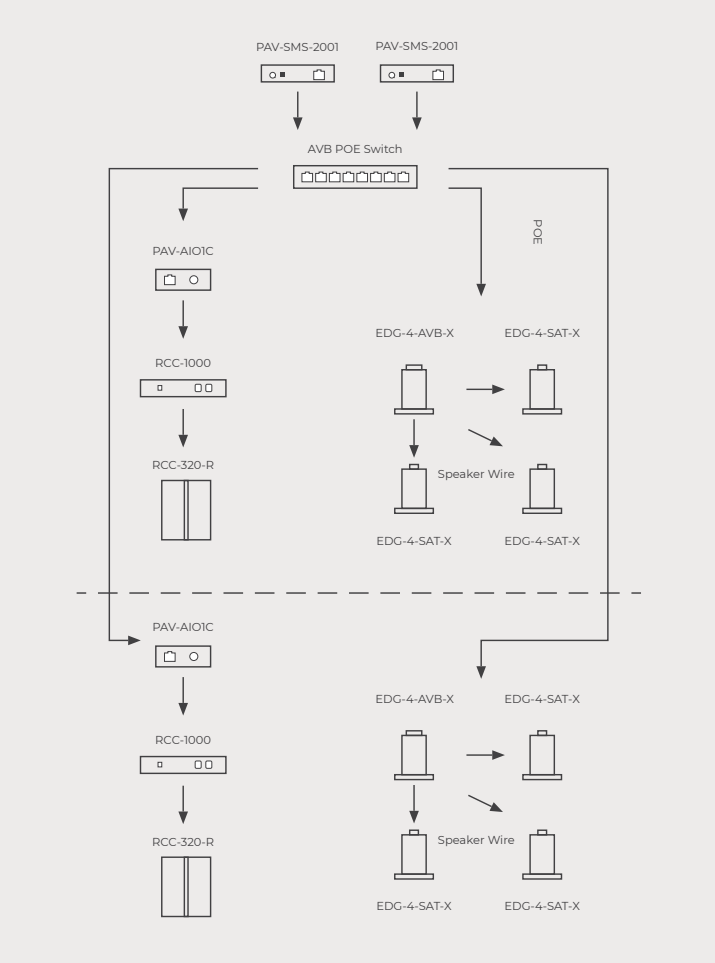
IP AUDIO MICRO APERTURE 4,
ROUND EDG-4-AVB-R

4.65"

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.

Rooted in the company's rich history in telecom, Savant IP Audio utilises AVB to deliver highresolution 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, ±3dB DSP Bass Enhancement down to 40 Hz	Acoustic Frequency Response = 80 Hz – 20 kHz, ±3dB DSP Bass Enhancement down to 40 Hz	80 Hz – 20 kHz, ±3dB
Power	50 Watts total (PoE 802.3bt Type 3)*	N/A	35 Watts Max
Sensitivity	89dB SPL (2.83V/1 meter)	89dB SPL (2.83V/1 meter)	89dB SPL (2.83V/1 meter)
Dimension	4.65" × 5.23"	4.65" × 5.23"	4.05" × 5.23"
Weight	1.75 lbs	1.75 lbs	1.40 lbs
Recommended Subwoofers	Nano or RCC	Nano or RCC	Nano or RCC
Install Eze Tool-less Installation	Yes	Yes	Yes
Square SKU Available	Yes	Yes	Yes
Round SKU Available	Yes	Yes	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

www.avation.com.au
www.avation.com.au

ARTISON SIDE MOUNT SPEAKERS

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.

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 Ohms	6 Ohms	6 Ohms
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)		

MICRO AUDIO

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-ofthe-art technology that is designed to be heard and not seen. They can be installed into a standard 2 × 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 (H×W×D) 11.5" × 11.75" × 1.1", Backpack is specifically designed for high performance home theater audio in a tight space.

KEY FEATURES
- Anodised 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

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.
Colour/Grilles	Black
Driver Complement	Dual active 6.5" Long Throw Aluminum
Dimensions	Including Grilles (H×W×D): 7.5" × 8" (including Feet) × 9"
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

4.65"

9"

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 × 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.
Colour/Grilles	Magnetic micro perforated steel grilles are paintable
Driver Complement	Four RCC 4" × 6" Woofers
Dimensions	**Retrofit** Cabinet (H×W×D): 13.4"× 14.2" × 3.8" Grille (H×W×D): 15.0" × 16.0" × 0.10" **Pre-Construction** Cabinet (H×W×D): 13.46" × 13.94" × 3.5" Grille (H×W×D): 14.17" × 3.7" × 0.10"
Enclosure	• Extruded Black Anodised 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 Ohms
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 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 Watts
CRI	Variable
CONNECTION	Standard Edison socket for indoor use
FEATURES	• Dimmable • White Temperatures • Bluetooth Communication from 2000k – 8000k • Bulb Mode • Over 16 million Colours

BR30 INDOOR & OUTDOOR SMART BULB

LIFE	Up to 20 years
LUMENS	1100+ Lumens
Wattage	14 Watts
CRI	Variable
Connection	Standard Edison socket for indoor or outdoor use
FEATURES	• Dimmable • White Temperatures • Bluetooth Communication from 2000k – 8000k • Bulb Mode • Over 16 million Colours

COLOUR LED SMART STRIP 2M STARTER KIT

LIFE	Up to 20 years
LUMENS	1500+ Lumens
Wattage	1-30 Watts
CRI	Variable
Connection	Standard Power Outlet
FEATURES	• Dimmable • White Temperatures • Bluetooth Communication from 2000k – 8000k • Bulb Mode • Over 16 million Colours
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	14.5 Watts/M
DIMMING	DMX Digital Low Voltage Dimming
LUMENS	1,100 per meter

LED COLOUR TECHNOLOGY

Tunable White

• 2400k to 6500k Tunable

• CRI: 80+

WRGB DMX LIGHT STRIPS

USE	Indoor	Outdoor
WATTAGE	23 Watts/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 COLOUR TECHNOLOGY

Programmable WRGB

• CRI: Variable

LED DMX NEON LIGHT STRIPS

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

LED COLOUR TECHNOLOGY

Programmable WRGB

• CRI: Variable

ECHO LOW VOLTAGE KEYPAD

WPB-SWLV02-00
ECHO LOW VOLTAGE PADDLE KEYPAD (SNOW WHITE)
• Nine LED Colour Options, configured in Blueprint Lighting Manager
• Ambient Light Sensor – Detects the level of ambient light in the room
• and adjusts the LED brightness on the front panel
• Fits standard decorator-style wall plates, Simple to configure and deploy using
  Blueprint Lighting Manager
• Power Input – 24V DC 2A
• Avg Power – 0.5 Watts, Max Power – 1.4 Watts

WPK-SWLV05-00
ECHO LOW VOLTAGE DIAL KEYPAD (SNOW WHITE)
• Nine LED Colour Options, configured in Blueprint Lighting Manager
• Ambient Light Sensor – Detects the level of ambient light in the room
• and adjusts the LED brightness on the front panel
• Fits standard decorator-style wall plates, Simple to configure and deploy using
  Blueprint Lighting Manager
• Power Input – 24V DC 2A
• Avg Power – 0.5 Watts, Max Power – 1.4 Watts

WPB-SWLV06-00
ECHO LOW VOLTAGE CONFIGURABLE KEYPAD (SNOW WHITE)
• Field-configurable to accommodate 3, 4, 5 and 6 button layouts. Up to 8 different
  layout options.
• Nine LED Colour Options, configured in Blueprint Lighting Manager
• Ambient Light Sensor – Detects the level of ambient light in the room
• and adjusts the LED brightness on the front panel
• Fits standard decorator-style wall plates, Simple to configure and deploy using
  Blueprint Lighting Manager
• Power Input – 24V DC 2A
• Avg Power – 0.5 Watts, Max Power – 1.4 Watts

SKL-1010-00
10 KEYPAD POWER AND CONTROLLER
• The Savant 10 Keypad Power and Controller provides wired power
• and communication for up to 10 Savant Low Voltage Keypads.
• Power Input – 24V DC
• Output Power – 48W

SKL-3040-00
40 KEYPAD POWER AND CONTROL MODULE
• The Savant 40 Keypad Power and Control Module provides wired power
• and communication for up to 40 Savant Low Voltage Keypads
• Up to 3 modules can be installed into the power module enclosure or can be mixed
• with the Savant 5 Shade Power Module.
• Power Input – 120-240V AC 50/60Hz (7.2 A)
• Output Power – 24V DC 2A per keypad bus
• Maximum Wiring Distance – #14 AWG Max=1000ft (304.8m)

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.
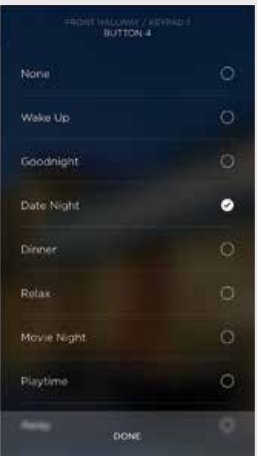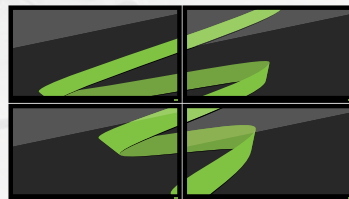
Choose A Scene   Quick Controls   Brightness

Luxul Network Switches for the Pro AV Integrator

AV over IP Ready
Select Luxul switches provide simple and seamless integration with industry-leading AV over IP systems.

PoE+ & Layer 2/Layer 3
Full 802.3af/at compliance and healthy power budgets, and advanced Layer 2/3 features streamline network traffic while simplifying installation.

Self-Healing
Gives select Luxul switches PoE Auto-Recovery & PoE Power Scheduling Feature. Change the game, beat the truck rolls.

AV Series

All Luxul products include Free Lifetime Support, Free firmware upgrades for life of product and a 3 Year Limited hardware Warranty.

Ask about our Free Network Design service.

LUXUL

Free Design Service • Free Lifetime Support

EPIC MESH

The Epic Mesh solution combines the power of a Luxul wireless product with the ease of wireless mesh networking solutions, resulting in a reliable network comparable to those you've come to depend on from Luxul. Enjoy simple installation with the Easy Setup App on your iOS or Android smartphone.

ENJOY THESE ADDITIONAL FEATURES WITH THE LUXUL EPIC MESH SOLUTION:
- High capacity bandwidth between nodes
- Specialised antenna design with beamforming for better device connectivity and speed
- Quick and simple setup using Easy Setup App
- Physical node placement assistance for optimal coverage

SPECIFICATIONS:
- Wave 2 MU-MIMO
- High capacity 5GHz (4×4) backhaul radio
- 2.4GHz and 5GHz (2×2) client connectivity radios
- Secure guest network

EPIC WIRELESS MESH KIT
MK-10
- Includes two interchangeable nodes (can be configured as a mesh router or mesh satellite node)

EPIC WIRELESS MESH NODE
MN-10
- Can be used as router, satellite, or additional node for expansion (can be configured as a mesh router or mesh satellite node)

WINNER OF

Residential Systems
CEDIA 2019
BEST of SHOW

LUXUL // PRODUCT RANGE

MANAGE YOUR LUXUL NETWORKS... FROM ANYWHERE

With our new cloud management solution, you'll have access to your client's networks from anywhere at any time. Available through a web application as well as on Android and iOS smartphones and tablets, easily take advantage of all the benefits below and more:

• Reboot PoE and smart PDU connected devices
• Remote access to a device's local UI
• Automatically discover and monitor all devices on the network
• Receive alerts when devices go offline
• Remote firmware updates
• Easily view all your sites in either list or map view

EPIC ROUTERS

Luxul Epic routers are designed for use in high-capacity residential and commercial networks. A router is the interface between the internet and the local network and is the foundation for a reli able network. Luxul's complete line of full-featured, high-performance routers offer firewall, QoS, VLAN, VPN, and other capabilities that ensure the best network performance, scalability, and security.

EPIC 5 – HIGH-PERFORMANCE GIGABIT ROUTER
ABR-5000

• High-performance full-Gigabit WAN to LAN throughput
• Two WAN, five LAN ports
• Rear-facing ports with user-selectable green or blue front-facing LEDs

EPIC 4 – GIGABIT ROUTER
ABR-4500

• 600Mbps WAN to LAN throughput
• One WAN, one LAN, and three LAN/WAN configurable ports
• Rear-facing ports with user-selectable green or blue front-facing LEDs

EPIC 4 – GIGABIT ROUTER
XBR-4500

• 600Mbps WAN to LAN throughput
• One WAN, one LAN, and three LAN/WAN configurable ports
• Front-facing ports

LUXUL // PRODUCT RANGE

Luxul's line of wireless routers combine wired router functionality with high-powered, dual-band wireless technology. With support for firewall, QoS, VPN, and Roam Assist for active roaming and improved network performance, they're a great choice for highly-reliable residential or light-commercial networks.

ROUTER LIMITS

Luxul routers with Router Limits content management* put your customers back in control of their internet experience. Manage the traffic, pause device access, track history, set scheduled access, and limit site access by groups or devices with internet connections.

Easily set, adjust, or create new restrictions from the cloud app, creating a seamless experience.

LUXUL EASY SETUP APP

The Luxul Easy Setup App helps you be efficient on the job.

Set up a Luxul wireless router (XWR-1200 & Epic 3) and up to two additional access points at the same time in under two minutes, all from the convenience of your phone!
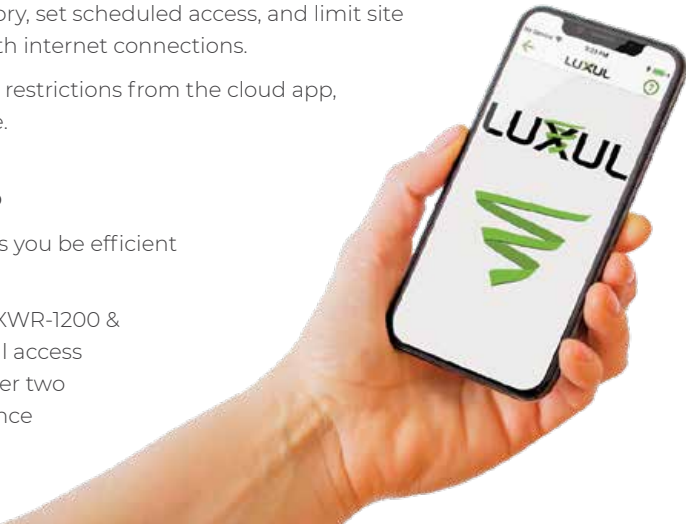
WAVE 2 4X4 MU-MIMO

EPIC 3 – DUAL-BAND WIRELESS AC3100 ROUTER
XWR-3150

• Wireless data transfer of up to 3100Mbps
• Built-in wireless controller (supports up to 2 additional Luxul APs)
• 4×4 concurrent dual-band 802.11ac
• 2.4 and 5GHz beamforming
• Easy Setup App compatible
• Built-in Router Limits*
• Built-in Domotz remote management system

DUAL-BAND WIRELESS AC1200 ROUTER
XWR-1200

• Wireless data transfer of up to 1200Mbps
• Built-in wireless controller (supports up to 2 additional Luxul APs)
• 2×2 concurrent dual-band 802.11ac
• 5GHz beamforming
• Easy Setup App compatible
• Built-in Router Limits*

*Subscription fees may apply when controlling devices off your network

WIRELESS CONTROLLERS

With Luxul's Roam Assist technology, the XWC-2000 and XWC-1000 enable active roaming while simplifying the access point setup and control. Compatible with all Luxul current XAP series models, which allows integrators to mix and match APs to maximise the performance and budget of each project.

WIRELESS ROUTERS WITH BUILT-IN WIRELESS CONTROLLER

Luxul Roam Assist technology is now available in Luxul's complete line of full-featured, high-performance wireless routers.

WIRELESS CONTROLLER
XWC-2000
- Active client roaming
- Centralised setup and control
- Supports up to 32 Luxul APs

WIRELESS CONTROLLER
XWC-1000
- Active client roaming
- Centralised setup and control
- Supports up to 16 Luxul APs

**SIMPLE TO INSTALL
FREE LIFETIME SUPPORT
NOT SOLD ONLINE!**

WIRELESS ROUTER KITS
WS-260
- Epic 3 & XAP-1610
WS-250
- Epic 3 & XAP-1510
WS-80
- XWR-1200 & XAP-810

WIRELESS CONTROLLERS

Luxul wireless controller systems include everything needed to effortlessly deploy a reliable whole-home or commercial wireless network. Systems can easily be expanded with up to 16 APs and work with any combination of current XAP series models.

WIRELESS CONTROLLER SYSTEM WITH WAVE 2, MU-MIMO 4X4 AC3100 ACCESS POINTS
XWS-2610
- One XWC-1000 wireless controller
- Two XAP-1610 AC3100 dual-band access points
- Two PoE injectors

WIRELESS CONTROLLER SYSTEM WITH HIGH-POWERED AC1900 ACCESS POINTS
XWS-2510
- One XWC-1000 wireless controller
- Two XAP-1510 AC1900 dual-band access points
- Two PoE injectors

WIRELESS CONTROLLER SYSTEM WITH HIGH-POWERED 300N ACCESS POINTS
XWS-1810
- One XWC-1000 wireless controller
- Two XAP-810 AC1200 dual-band access points
- Two PoE injectors

INDOOR APEX™ ACCESS POINTS

Our dual-band APs are based on the latest 802.11ac standards. They offer high-powered, dual-band wireless functionality and beamforming technology for farther-reaching WiFi coverage and maximum data rates—resulting in a superior wireless networking experience.

**WAVE 2
4X4
MU-MIMO**

AC3100 DUAL-BAND WIRELESS AP
XAP-1610
- 4×4 Wave 2, MU-MIMO 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Beamforming on both bands
- Extreme throughput for video streaming & online gaming
- Ceiling or wall mount

AC1900 DUAL-BAND WIRELESS AP
XAP-1510
- 3×3 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Beamforming on both bands
- Ceiling or wall mount

AC1200 DUAL-BAND WIRELESS AP
XAP-810
- 2×2 802.11ac
- High-Powered
- 2.4GHz & 5GHz
- Ceiling or wall mount

LUXUL™

Free Design Service • Free Lifetime Support

WIRELESS KITS

Part Number	WS-80	WS-250	WS-260	XWS-1810	XWS-2510	XWS-2610
Type	AP/Wireless Router	AP/Wireless Router	AP/Wireless Router	AP/Wireless Controller	AP/Wireless Controller	AP/Wireless Controller
Access Point	XAP-810 ×1	XAP-1510 ×1	XAP-1610 ×1	XAP-810 ×2	XAP-1510 ×2	XAP-1610 ×2
Wireless Router	XWR-1200	Epic 3	Epic 3	NA	NA	NA
Wireless Controller	built-in	built-in	built-in	XWC-1000	XWC-1000	XWC-1000
Scalability	Up to 2 APs	Up to 2 APs	Up to 2 APs	Up to 16 APs	Up to 16 APs	Up to 16 APs
Band Support	802.11ac Dual-Band 2.4GHz & 5GHz	802.11ac Dual-Band 2.4GHz & 5GHz	Wave2, MU-MIMO 4X4 802.11ac Dual-Band 2.4GHz & 5GHz	802.11ac Dual-Band 2.4GHz & 5GHz	802.11ac Dual-Band 2.4GHz & 5GHz	Wave2, MU-MIMO 4X4 802.11ac Dual-Band 2.4GHz & 5GHz
Clients Supported	70	100-120	100-120	40 per AP	100-120 per AP	100-120 per AP

ACCESS POINTS

Part Number	XAP-810	XAP-1510	XAP-1610	XWO-BAP1
Type	Indoor	Indoor	Indoor	Outdoor Bridge
Wireless Speed	1900Mbps	1900Mbps	3167Mbps	1200Mbps
Mounting	Ceiling/Wall	Ceiling/Wall	Ceiling/Wall	Wall/Pole
Beamforming	5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	No
Wireless Controller Compatible	Yes	Yes	Yes	No
Clients Supported	Up to 50	Up to 128	Up to 128	Up to 50
Frequency	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz
Wireless Mode	2×2: 802.11ac	3×3: 802.11ac	Wave2, MU-MIMO 4×4 802.11ac	2×2: 802.11ac
Ports	Gigabit ×1	Gigabit ×2	Gigabit ×2	Gigabit ×1
Extended Temperature Rated	0 to +40C°	0 to +40C°	0 to +40C°	-20C° to +60C°
Coverage/Range*	Up to 400 m² per AP	Up to 400 m² per AP	Up to 400 m² per AP	Up to 400 m² per AP

CONTROLLER COMPATIBLE OUTDOOR APS

The Luxul controller compatable and weather resistant outdoor access points extend your WiFi coverage to the outdoors. Create connected outdoor spaces for mobile devices, streaming audio, and control systems.

INDOOR APEX™ ACCESS POINTS

Our dual-band APs are based on the latest 802.11ac standards. They offer high-powered, dual-band wireless functionality and beamforming technology for farther-reaching WiFi coverage and maximum data rates—resulting in a superior wireless networking experience.

AC1200 DUAL-BAND OUTDOOR AP
XAP-1440

- 2×2 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Weather-resistant enclosure (IP-65 rated)

WIRELESS BRIDGES

AC1200 DUAL-BAND OUTDOOR BRIDGING AP
XWO-BAP1

- 2×2 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Weather-resistant enclosure (IP-65 rated)
- Supports point-to-point and point-to-multipoint applications

AC1200 DUAL-BAND OUTDOOR BRIDGING KIT
XWO-BKT1

- 2×2 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Weather-resistant enclosures (IP-65 rated)
- Pre-configured bridge
- Includes two access points and two PoE injectors

LUXUL

Customer Assurance Program
Free Network Design
Guaranteed WiFi Coverage
Ongoing Support

About the Program
RELIABLE NETWORK GUARANTEED

The Luxul Customer Assurance Program takes the stress out of designing a network. Simply register your project online at luxul.com/assurance-program; Luxul engineers will provide a complete network design; and if you need assistance configuring the network, an advanced support team is available to you. If you have a product failure, we will provide an advanced replacement of any Luxul product, and if the design doesn't perform we'll make it right by providing additional network equipment, at no cost to you.

A brand of **legrand**

LUXUL PROWATCH
FREE CLOUD MANAGEMENT SOLUTION

Luxul's new ProWatch cloud management solution allows integrators to remotely monitor and manage every device on their clients' networks, getting real-time notifications of status and quickly resolving issues. With cloud management, integrators can access their customers' Luxul networks and connected devices at any time — from anywhere — in map or list views via an intuitive web interface. Site-level indicators provide the online/offline status of connected devices and the availability of firmware updates, while customisable alerts notify integrators of issues via text or email. ProWatch will be available March 2020.

THE BEST CHOICE FOR YOUR
SMART HOME NETWORK

With the dramatic increase in everyday connected devices, having a powerful network that manages the flow of audio, video, and data has become critical. With that in mind, Luxul:

- Is engineered specifically to support smart home technology networks that smoothly stream video for entertainment and security; audio for pitch-perfect sound; and accurate data for thermostats, shades, and lighting control.
- Is built for professional installers who know how to configure and optimise networks.
- Provides a network that can handle the everyday demand on bandwidth and is built with the horsepower to run today's technology and beyond.
- Wireless coverage everywhere you need it, with the ability to seamlessly move your device between Access Points without dropping off the network.

3 YEAR WARRANTY

Warranty
Luxul offers free software updates plus a three-year hardware warranty on all Luxul network products when the network components are purchased from and installed by an Authorised Luxul Dealer.

PROTECTION FOR YOUR CHILDREN WHILE THEY
USE THE INTERNET

Keep your children safe
Take control of screen time, and safeguard your children against harmful content with Router Limits. Our children are becoming more and more connected to the Internet, which can pose a danger to them. Using Router Limits allows you to determine how much screen time your child has while governing what content comes into your home and what doesn't.

routerLimits

Manage Screen Time
Set Internet access schedules that fit the needs of each person. For example, filter social media for employees during the workday, or shut off the kids' access to the Internet completely during dinner and at bedtime.

Filter Content
An extensive library of filters include categories like Games, Social Media, and Offensive Content, as well as popular sites and apps like Facebook, Netflix, and Snapchat. Filters can be customised to your exact needs.
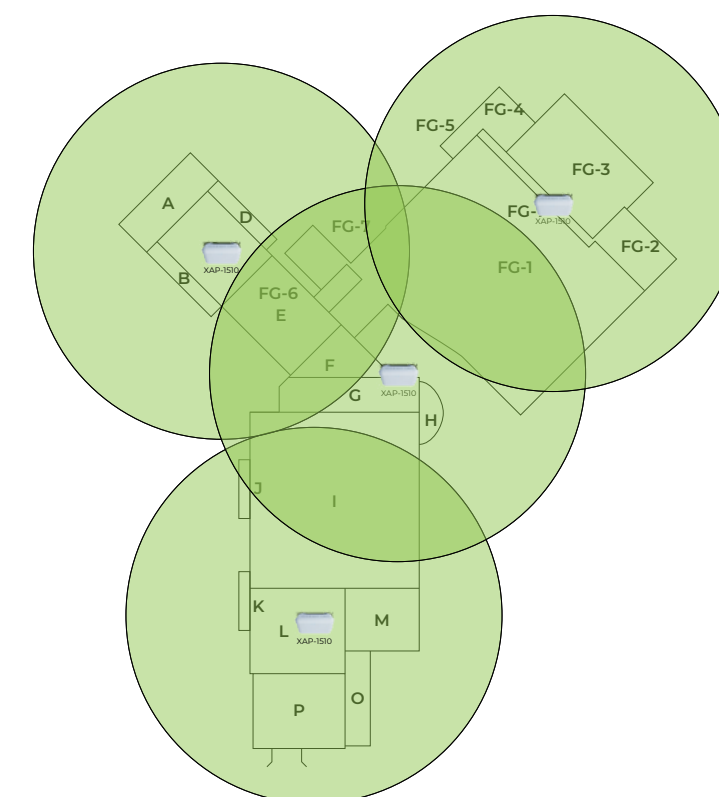
Track Browsing History
View web use and browsing history data right at your fingertips. Now you can see what's happening on your network, even when you're not there.

RESIDENCE EXAMPLE – CASE NUMBER 0001 – V1

Main Floor Plan

AV SERIES POE SWITCHES

PoE managed switches include port Auto-Recovery and Power Scheduling, ensuring system reliability and uptime. For AV over IP video systems, PoE+ switches offer full 802.3af/at compliance and power budgets, and advanced Layer 2/Layer 3 features streamline network traffic while simplifying installation.

AV SERIES 26-PORT STACKABLE GIGABIT MANAGED POE+ SWITCH
AMS-4424P

- 24 Gigabit RJ-45 ports + two 10 Gigabit SFP+ ports
- Stackable up to 384 ports
- 24 PoE+ ports (250 Watts power budget)
- Variable speed fan

AV SERIES 18-PORT GIGABIT MANAGED POE+ SWITCH
AMS-1816P

- 16 Gigabit RJ-45 ports + two Gigabit SFP combo ports
- 16 PoE+ ports (185 Watts power budget)
- Variable speed fan

AV SERIES 26-PORT GIGABIT MANAGED POE+ SWITCH
AMS-2624P

- 24 Gigabit RJ-45 ports + two Gigabit SFP combo ports
- 24 PoE+ ports (250 Watts power budget)
- Variable speed fan

AV SERIES 12-PORT GIGABIT MANAGED POE+ SWITCH
AMS-1208P

- 10 Gigabit RJ-45 ports + two Gigabit SFP combo ports
- 8 PoE+ ports (130 Watts power budget)
- Fanless for silent operation

AV SERIES SWITCHES

Luxul AV Series switches feature rear-panel ports and front-facing LEDs (user-selectable blue/green colours) for clean integration with AV rack systems. Managed switches feature advanced Layer 2/Layer 3 functionality and are designed for use in HD over IP video systems; non-managed switches are plug-and-play.

AV SERIES 26-PORT GIGABIT MANAGED SWITCH
AMS-2600

- 24 Gigabit RJ-45 ports + two Gigabit combo ports
- 52Gbps switching capacity
- L2/L3 management
- Fanless for silent operation

AV SERIES 24-PORT GIGABIT SWITCH
AGS-1024

- 24 Gigabit RJ-45 ports
- 48Gbps switching capacity
- Fanless for silent operation

AV SERIES 16-PORT GIGABIT SWITCH
AGS-1016

- 16 Gigabit RJ-45 ports
- 32Gbps switching capacity
- Fanless for silent operation

L2/L3 POE SWITCHES

Luxul L2/L3 managed switches offer advanced Layer 2/Layer 3 functionality and a simple-to-use interface for switch setup and management. Switches with PoE+ functionality offer full 802.3af/at compliance and healthy power budgets.

52-PORT STACKABLE GIGABIT MANAGED POE+ SWITCH
XMS-7048P

- 50 Gigabit RJ-45 ports + two 10 Gigabit SFP+ ports
- Stackable up to 800 ports
- 48 PoE+ ports (740 Watts power budget)
- Variable speed fan

52-PORT GIGABIT MANAGED POE+ SWITCH
XMS-5248P

- 50 Gigabit RJ-45 ports + two Gigabit SFP ports
- 48 PoE+ ports (740 Watts power budget)
- Variable speed fan

26-PORT GIGABIT MANAGED POE+ SWITCH
XMS-2624P

- 26 Gigabit RJ-45 ports + two Gigabit combo ports
- 24 PoE+ ports (370 Watts power budget)
- Variable speed fan

12-PORT GIGABIT MANAGED POE+ SWITCH
XMS-1208P

- Eight Gigabit Ethernet PoE+ ports (130 Watts power budget)
- Two Gigabit Ethernet ports & two SFP ports (can be used independently)
- Fanless for silent operation

POE SWITCHES

Designed for 4-, 8-, and 16-channel NVR systems. These switches offer PoE ports (4, 8, or 16) and provide uplink ports that can be used to connect a main switch/router or directly to an NVR. They also offer healthy power budgets, so you'll have the power needed for the most demanding projects.

18-PORT GIGABIT SMART POE+ SWITCH
XFS-1816P

- 16 fast Ethernet RJ-45 ports + two Gigabit uplinks
- 16× PoE+ ports (250 Watts power budget)
- Single-speed fan

8-PORT FAST ETHERNET POE SWITCH
XFS-1084P

- Eight Fast Ethernet ports
- 4× PoE ports (60 Watts power budget)
- Fanless for silent operation

AFFORDABLE SWITCHES

Based on the newest standards and highest-quality design, Luxul switches offer a scalable and affordable choice for expanding your network.

24-PORT GIGABIT FLEX MOUNT SWITCH
XGS-1024S
- 24 Gigabit RJ-45 ports
- 48Gbps switching capacity
- Fanless for silent operation

8-PORT GIGABIT FLEX MOUNT SWITCH
AGS-1008M
- Eight Gigabit RJ-45 ports
- 16Gbps switching capacity
- PoE or External AC Powered
- Includes magnetic mounting system

8-PORT GIGABIT DESKTOP SWITCH
XGS-1008
- Eight Gigabit RJ-45 ports
- 16Gbps switching capacity
- Designed for desktop or wall mount

5-PORT MINI GIGABIT SWITCH
XGS-1005-5
- Five Gigabit RJ-45 ports
- 10Gbps switching capacity
- Designed for desktop or wall mount
- Five XGS-1005s sold in a package

AV POE SWITCHES

Part Number	AMS-4424P	AMS-2624P	AMS-1816P	AMS-1208P
Type	Managed: L2/L3	Managed: L2/L3	Managed: L2/L3	Managed: L2/L3
Port Speed	Gigabit	Gigabit	Gigabit	Gigabit
Mounting	Rack	Rack	Rack	Rack
Fan	Low Noise Variable Speed	Low Noise Variable Speed	Low Noise Variable Speed	Fanless
PoE Power Budget	250 Watts	250 Watts	185 Watts	130 Watts
Blue/Green Switchable LEDs	Yes	Yes	Yes	Yes
Stacking	Yes up to 16	No	No	No
PoE	PoE+ up to 30 Watts	PoE+ up to 30 Watts	PoE+ up to 30 Watts	PoE+ up to 30 Watts
Ports	24 Gigabit PoE and 2 10 Gigabit SFP+ stacking	24 Gigabit 24 PoE with 2 Gigabit uplink with 2 shared SFP	16 PoE 2 Gigabit and 2 Gigabit SFP	8 PoE 2 Gigabit and 2 Gigabit SFP

POE SWITCHES

Part Number	XMS-7048P	XMS-5248P	XMS-2624P	XMS-1208P	XFS-1816P	XMS-1010P	XFS-1084P
Type	Managed: L2/L3	Managed: L2/L3	Managed: L2/L3	Managed: L2/L3	Managed: Smart	Managed: Smart	Unmanaged
Port Speed	Gigabit	Gigabit	Gigabit	Gigabit	10/100 – Gigabit Uplink	Gigabit	10/100
Mounting	Rack	Rack	Rack	Rack	Rack	Rack	Desktop
Fan	Low Noise Blowers	Low Noise Blowers	Low Noise	Fanless	Low Noise	Low Noise	Low Noise
Stacking	Yes up to 16	No	No	No	No	No	No
PoE	PoE+ up to 30 Watts	PoE+ up to 30 Watts	PoE+ up to 30 Watts	PoE+ up to 30 Watts	PoE+ up to 30 Watts	PoE+ up to 30 Watts	PoE up to 15.4 Watts
PoE Power Budget	740 Watts	740 Watts	370 Watts	130 Watts	230 Watts	130 Watts	60 Watts
Ports	48 PoE+ 2 Gigabit and 2 10-Gigabit SFP + stacking	48 PoE+ 2 Gigabit and 2 Gigabit SFP expansion	24 PoE+ 2 Gigabit/SFP combo	8 PoE 2 Gigabit and 2 Gigabit SFP	16 10/100 PoE+ 2 additional Gigabit, 1 Shared Gigabit SFP	8 Gigabit PoE+ 2 additional Gigabit	4 10/100 PoE 4 additional Ethernet ports

AV SWITCHES

Part Number	AMS-2600	AGS-1024	AGS-1016	AGS-1008M
Type	Managed: L2/L3	Unmanaged	Unmanaged	Unmanaged
Port Speed	1Gbps	1Gbps	1Gbps	1Gbps
Mounting	Rack	Rack	Rack	Magnet
Fan	Fanless	Fanless	Fanless	Fanless
Blue/Green Switchable LEDs	Yes	Yes	Yes	No
Ports	24 Gigabit + 2 Gigabit Uplink w/ 2 Shared SFPs	24 Gigabit	16 Gigabit	8 Gigabit

SWITCHES

Part Number	XGS-1024S	XGS-1005	XGS-1008
Type	Unmanaged	Unmanaged	Unmanaged
Port Speed	Gigabit	Gigabit	Gigabit
Mounting	Rack	Desktop	Desktop
Fan	Fanless	Fanless	Fanless
Ports	24 Gigabit	5 Gigabit	8 Gigabit

UNMANAGED POE SWITCHES

4 PORT GB POE+ SWITCH
SW-100-04P

The SW-100-04P is a compact Gigabit PoE+ switch that provides four PoE+ capable ports of Gb Ethernet connectivity with a total power budget of 58 watts. It is an excellent choice for expanding your network when using PoE-enabled devices such as VoIP, IP cameras, and wireless access points and fits easily into the widest range of environments. The durable metal case includes rubber feet and keyhole features for surface mounting options.

• Connect up to 4 IP cameras or other PoE-enabled devices (max output 58 watts)
• Simplify PoE device installation, (IP cameras, VoIP devices, wireless APs)

FEATURES
• 4 port Gb PoE+ switch w/ uplink - 58W total power budget
• Durable metal case
• Fanless for silent operation
• Includes keyhole features for surface mounting options
• Three-year limited warranty

5 PORT GB MULTI-MOUNT SWITCH
SW-100-05PD

The SW-100-05PD is a 5 port PoE+ powered switch that is powered from a PoE+ switch or injector powered uplink and provides an additional four ports of Gb Ethernet connectivity. One of the Gb Ethernet ports allows the powering of a PoE 802.11af device (pass through port) such as a camera, control system interface, or AV over IP receiver. The durable metal enclosure includes detachable wing brackets for mounting and attachable magnet feet for easy mounting to metal surfaces.

• Connect up to four devices to the network without having to be plugged into a wall outlet
• Install into a wide range of environments

FEATURES
• 5 port PoE+ powered unmanaged Gb switch with PoE pass through
• 1 port PoE+ powered (PoE PD) Gb ethernet port (30 watts required)
• 1 port capable of powering a PoE/802.11af device (15 watts maximum)
• Durable metal case
• Multiple mounting options
• Three-year limited warranty

8 PORT GB POE+ SWITCH
SW-100-08P

The SW-100-05PD is a 5 port PoE+ powered switch that is powered from a PoE+ switch or injector powered uplink and provides an additional four ports of Gb Ethernet connectivity. One of the Gb Ethernet ports allows the powering of a PoE 802.11af device (pass through port) such as a camera, control system interface, or AV over IP receiver. The durable metal enclosure includes detachable wing brackets for mounting and attachable magnet feet for easy mounting to metal surfaces.

• Connect up to four devices to the network without having to be plugged into a wall outlet
• Install into a wide range of environments

FEATURES
• 8 port Gb PoE+ switch w/ uplink - 92W total power budget
• Durable compact metal case
• Fanless for silent operation
• Includes keyhole features for surface mounting options
• Three-year limited warranty

LUXUL PROWATCH IS HERE!

Your clients' networks host more connected devices than ever before, and their expectations for them all to work seamlessly are higher than ever. With Luxul ProWatch, monitor and manage every device on the network to proactively respond to issues while avoiding truck rolls for simple system management tasks.

REMOTELY...
MONITOR | MANAGE | TROUBLESHOOT

CLOUD MANAGEMENT SOLUTION

Your clients' networks host more connected devices than ever before, and their expectations for them all to work seamlessly are higher than ever. With Luxul , monitor and manage every device on the network to proactively respond to issues while avoiding truck rolls for simple system management tasks.

With the following features, enjoy peace of mind knowing your clients' systems will be accessible at any time from anywhere:

• Receive notifications when devices fall offline
• Perform firmware updates on select Luxul routers and access points
• Customisable alerts
• Site-level status indicators for offline devices and firmware updates
• Access sites in map or list views
• Configure devices remotely via web user interfaces
• Remotely power cycle PDUs and PoE switches

Just Add ⬛Power

ULTRA HD IP

Build a network of any HDMI devices say from 10 sources × 30 screens in a luxury home to 100+ sources × 300+ screens in a casino

4K HDR

Dante®

3G+AVP

A/V Pro DSP Enhanced Gigabit POE UltraHDIP™ Transmitter
3G+AVP TX

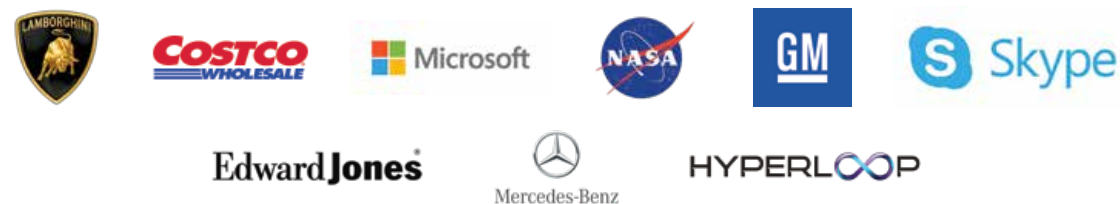**Commercial INTEGRATOR 2019 BEST**

NEW

" My go-to video distribution environment for 4K "
CEPro Review

3G+ 767DSS Dante Enhanced Sound System transmitter: adds compatibility with Dante & AES67 audio networks to Ultra HD over IP systems, with separate switching of audio & video.

Drivers:
Control4 · QSC SYSTEMS · Just Add SOFTWARE · CRESTRON · KRAMER CONTROL · AMX HARMAN · RTI · SAVANT · ELAN

As used in:
LAMBORGHINI · Costco WHOLESALE · Microsoft · NASA · GM · Skype · Edward Jones · Mercedes-Benz · HYPERLOOP

BUILD ANY SIZE OF HDMI MATRIX OVER IP

HDMI over IP products lets you create any size of 4K or 1080p HDMI matrix using a 1 Gb network and Cat 5e/6 cabling, and can be implemented in residential and commercial installations. Any combination of inputs and outputs is possible, and the system can be easily expanded to accommodate additional sources and screens.

BUILT-IN AND DOWN SCALING

No handshaking issues, watch any content on any display and switch instantly between them.

No need to upgrade every TV to 4K, just because a homeowner owns one 4K/HDCP 2.2 source. Our 3G platform features a built-in scaler that downscales 4K with HDCP 2.2 to 1080p, for viewing on Full HD TVs. You can instantly switch between sources too, which a traditional matrix can not.

HIGH DEFINITION AUDIO FOR CINEMA SOUND
SUPPORTS DOLBY ATMOS, DTS-X & DOWNMIXING FROM 5.1

Perfect for luxury home cinema jobs with object-based audio requirements. Deliver Dolby Atmos and DTS-X using the 3G+HIFI transmitter as part of your 3G Ultra HD over IP matrix. For sources that need to be enjoyed in 5.1 multichannel zones and in 2.0 channel elsewhere, use a 3G+AVPro transmitter with licensed Dolby DSP.

DOLBY DIGITAL · DOLBY ATMOS® · dts X™

THE HANDLEBAR AT THE GREAT AMERICAN BALLPARK
Stadium Sports Bar // Cincinnati, Ohio, USA // 15 sources x 68 displays // 3x6 video wall // 4x5 video wall

NorCom's install at The Handlebar sports bar and grill in the Great American Ballpark shows just how creative integrators can be with video distribution when they use Just Add Power. A huge 3x6 8199 x 2304-pixel video wall covers the area behind the bar and allows for almost any selection and combination of source or content, including cable, broadcast, scoreboard feeds, instant replay, bullpen camera, pitch speed and Kiss Cam.

One of the most visually striking elements is two huge HD video columns that use LG 55-inch 5760 x 5400-pixel resolution displays to broadcast a range of live camera feeds, HD baseball programming and digital signage. A 4x5 social media wall with 50-inch Sharp LCD displays lets fans see and post promotions, tweets, Instagram photos and sponsor announcements.

NEW 4K TRANSMITTERS

WARP ENGINE
JAP-737POE

- Encodes 4K & Lower
- 1U Rackmount
- Ultra Low Latency
- PoE Powered
- API or OSD Control
- Instant-Seamless Switching
- Image Push & Pull
- Supports HDCP 2.2 & HDMI 2.0
- Real Time Rotation of the Video Signal

Rotate **Any** HDMI Source in a Just Add Power Matrix in **0.1 Degree Increments**

Send Live Rotated Video to an **Unlimited** Number of Just Add Power Receivers

Create Massive **Artistic Video Walls** using a **Single Warp Engine**

3G WP2 TX
JAP-707WP2

- Encodes 4K & Lower
- 4K/60 Compatible
- Ultra Low Latency
- PoE Powered
- CEC Control of Sources
- Supports HDCP 2.2 & HDMI 2.0
- 1.5" Total Depth
- Instant-Seamless Switching
- Image Pull
- HDR & HDR10 Management
- Plug-Play-Present Built In
- Colours: Black, White or Custom

NEW 1.5" Depth Design

Allows for Easy Placement & Installation

---

*708

3G POE TX
JAP-707POE · JAP-708POE

- Encodes 4K & Lower Resolutions
- Supports HDCP 2.2 & HDMI 2.0
- 4K/60 Compatible
- Ultra Low Latency
- Image Push, Pull & Pop
- Instant-Seamless Switching
- Stereo Audio Extraction*

- All lossless audio formats, including Dolby Atmos
- RS232, CEC, & IR* Control of Sources
- Plug-Play-Present Built In
- HDR & HDR10 Management
- PoE Powered
- Video Wall

3G+P2P TX
JAP-709POE

- Encodes 4K & Lower Resolutions
- Supports HDCP 2.2 & HDMI 2.0
- 4K/60 Compatible
- Ultra Low Latency
- Image Push, Pull & Pop
- Point-to-Point Installations
- All Lossless Audio Supported

- RS232, CEC, & IR* Control of Sources
- Plug-Play-Present Built In
- HDR & HDR10 Management
- PoE Powered
- Video Wall (Single Source 4-Screen)

3G+HIFI TX
JAP-717HIFI

- Encodes 4K & Lower Resolutions
- Supports HDCP 2.2 & HDMI 2.0
- 4K/60 Compatible
- Ultra Low Latency
- Image Push, Pull & Pop
- Instant-Seamless Switching

- All Lossless Audio Supported
- RS232, CEC, & IR* Control of Sources
- Plug-Play-Present Built In
- HDR & HDR10 Management
- PoE Powered & Video Wall
- HDMI Loop Out

3G+AVP TX
JAP-718AVP

- Encodes 4K & Lower Resolutions
- Supports HDCP 2.2 & HDMI 2.0
- 4K/60 compatible
- Ultra Low Latency
- Image Push, Pull & Pop
- Instant-Seamless Switching
- Dolby Digital 5.1 & Stereo Analog
- Video Wall

- Analog Audio Mixable with HDMI Audio
- Stereo Audio Output 3.5mm
- Adjustable Volume & Delay
- RS232, CEC & IR* Control of Sources
- HDR & HDR10 Management
- PoE Powered
- USB 2.0
- Plug-Play-Present Built In

DANTE ENABLED TX
JAP-767DSS

- HDMI Loop Output
- RS232, CEC & IR* Control of Sources
- HDR & HDR10 Management
- Plug-Play-Present Built In
- PoE Powered
- Video Wall Support

- Encodes 4K & Lower Resolutions
- Supports HDCP 2.2 & HDMI 2.0
- 4K/60 Compatible
- Ultra Low Latency
- Image Push, Pull & Pop
- Instant-Seamless Switching

Dante®

ENHANCED AUDIO FEATURES

- Dante & AES67 RTP Enabled
- Dante Audio Send & Receive Up To 8 Channels
- Inject Dante Audio Into The J+P Network
- Supports Legacy 2 Channel Dante & AES67 Devices
- Performance Enhancements Over The Low Channel-Count Solutions
- Delivers 8×8 Channels At 176.4 & 192kHz
- Latency As Low As 0.25ms On Gigabit Ethernet
- Redundancy Is Supported For High-Availability Applications

WALL PLATES & RACKMOUNTS

3G+WP2 TX
JAP-717WP2

- Encodes 4K & Lower
- 4K/60 Compatible
- Ultra Low Latency
- PoE Powered
- Video Wall
- RS232, CEC & IR* Control of Sources
- Instant-Seamless Switching
- Supports HDCP 2.2 & HDMI 2.0

- VGA & HDMI Auto Switching
- Analog Audio Input
- USB 2.0
- Image Push, Pull & Pop
- HDR & HDR10 Management
- Plug-Play-Present Built In
- Colours: Black, White or Custom

3G+WP4 TX
JAP-718WP4

- Encodes 4K & Lower
- 4K/60 Compatible
- Ultra Low Latency
- PoE Powered
- Video Wall
- RS232, CEC & IR* Control of Sources
- Instant-Seamless Switching
- Supports HDCP 2.2 & HDMI 2.0

- VGA & HDMI Auto Switching
- HDMI Loop Out
- Analog Audio Input
- USB 2.0
- Image Push, Pull & Pop
- HDR & HDR10 Management
- Plug-Play-Present Built In
- Colours: Black, White or Custom

3G POE RACKMOUNT
JAP-747POE

- Encodes 4K & Lower
- 4K/60 Compatible
- Ultra Low Latency
- RS232, CEC & IR* Control of Sources
- Instant-Seamless Switching
- 4 Input Rackmounted Version of 4K 707POE

- PoE or AC powered
- Video Wall
- All Lossless Audio Supported
- Image Push, Pull & Pop
- HDR & HDR10 Management
- Plug-Play-Present Built In

3G+AVP RACKMOUNT
JAP-749AVP

- Encodes 4K & Lower
- 4K/60 Compatible
- RS232, CEC & IR* Control of Sources
- 3 transmitters Built Into One Chassis

- Supports HDCP 2.2 & HDMI 2.0
- 718AVP Feature Set
- 1 U Rackmount
- Ultra Low Latency
- Commercial Power Supply
- Reversible Rack Ears

4K VIDEO TILER TRANSMITTER

3G+4+ VIDEO TILER
JAP-759A

- 4 Inputs & Tiles
- Custom Sizing & Placement
- Adjustable Transparency
- Unlimited Custom Presets
- Broadcast-Grade Fading
- Mix Any Resolution Source
- Local HDMI Out

- IP or IR Controlled
- Stackable for Unlimited Tiles
- Custom Tile Placement
- View on Any Screen
- Smooth Transitions for Live Events

The 3G+4+ Video Tiling Processor allows any integrated screen with a Just Add Power receiver behind it to do multiview. Tile four or more HDMI sources on a single display in a variety of viewing modes.

This product satisfies everyone's entertainment needs by the touch of a button. The tiler is perfect for man-caves, sports bars, security camera monitoring, and many more.

The 3G+4+ video tiler works seamlessly with 3G/3G+ and can be bridged to work with 2G devices.

4K RECEIVERS

3G POE RX
JAP-508POE

- 4K & Scales 4K to 1080p
- 4K HDCP 2.2 & HDMI 2.0
- Ultra Low Latency
- Image Push, Pull & Pop
- Instant-Seamless Switching

- PoE Powered
- Video Wall
- All Lossless Audio Supported
- HDR & HDR10 Management
- Plug-Play-Present Built In

3G POE DAISY-CHAIN RX
JAP-509POE

- 4K & Scales 4K to 1080p
- 4K HDCP 2.2 & HDMI 2.0
- Ultra Low Latency
- Image Push, Pull & Pop
- Instant-Seamless Switching
- RS232, CEC & IR* Control of Display

- PoE Powered
- Video Wall
- All Lossless Audio Supported
- HDR & HDR10 Management
- Plug-Play-Present Built In
- Network Out port for local device or extra receivers

3G+AVP RX
JAP-518AVP

- 4K & Scales 4K to 1080p
- 4K HDCP 2.2 & HDMI 2.0
- Ultra Low Latency
- Image Push, Pull & Pop
- Instant-Seamless Switching
- Analogue Audio Out
- RS232, CEC & IR* Control of Display

- PoE Powered
- Video Wall
- All Lossless Audio Supported
- HDR & HDR10 Management
- Adjustable Volume & Audio Delay
- USB 2.0
- Play-Play-Present Built In

POE OUT PORT PROVIDES EASY EXPANSION

IP Control a TV
Add a POE WAP
Multiple displays on 1 CAT
Streaming Soundbar

ACCESSORIES

JAP-IRD
- Serial to IR
- Compatible with All Devices
- Adds IP to IR Control

JAP-RS1U
- 2G Ohms, 3G and 2G Compatible
- Holds Up to 13 Devices
- Max 5U High

19" rack mount shelf

SYSTEM EXAMPLES

EXAMPLE ONE: 2 SWITCHES STACKED
(3 input & 3 output)

4K OVER IP

1 **Source Transmitters**
One Transmitter per Source

2 **Managed Gigabit Switch**
LUXUL or Cisco Layer 3
Managed Switch

3 **Display Receivers**
One Receiver per Display

4 **System Controller**
Open Platform API with Custom
Free Drivers for All Popular
Control Systems

Fiber Link (Up to 10km)

Allows the Two Switches
to Communicate

Local Source in Zone
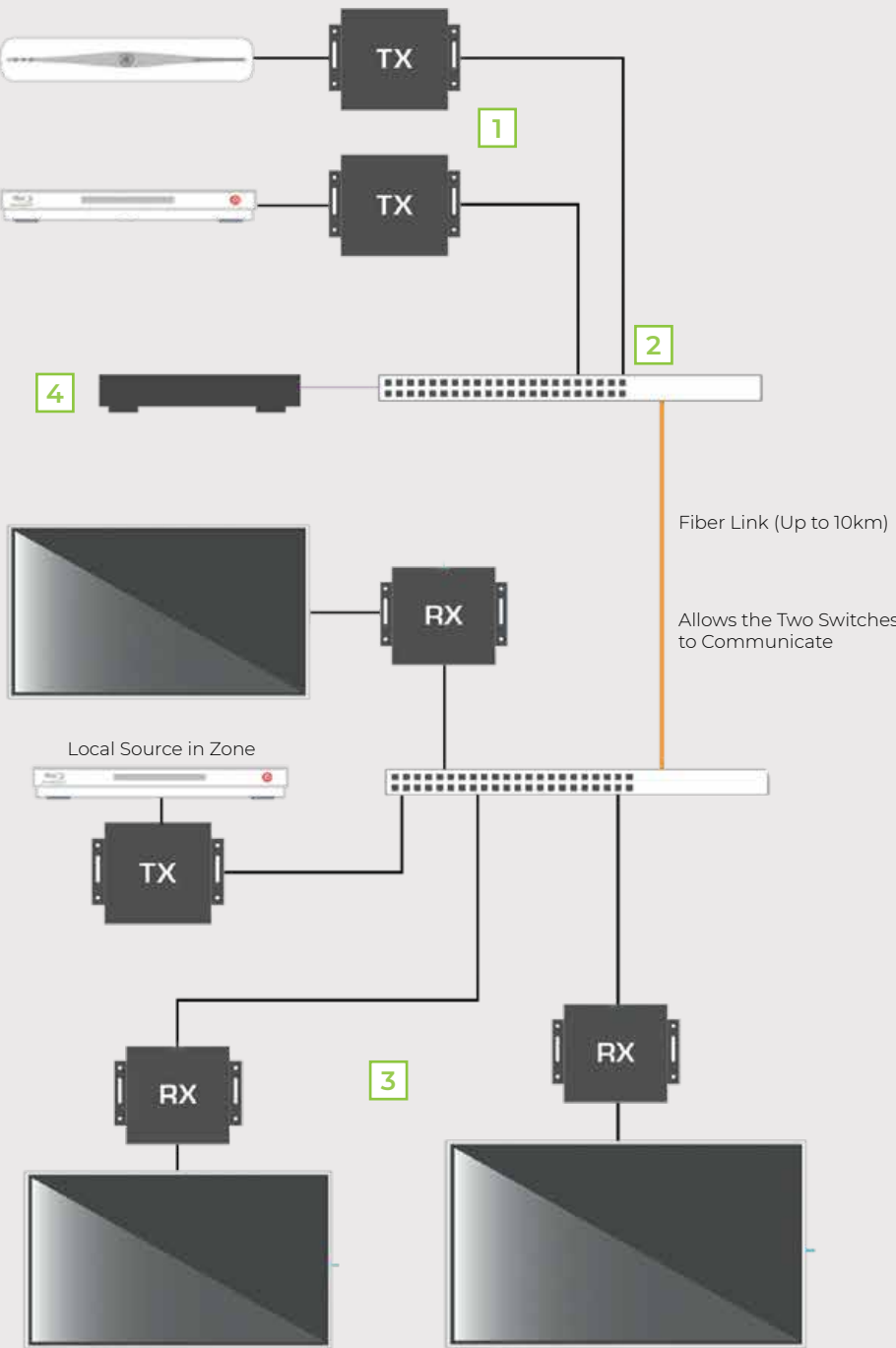
EXAMPLE TWO: VIDEO WALL WITH ONE SWITCH
(3 Input & 11 Output)
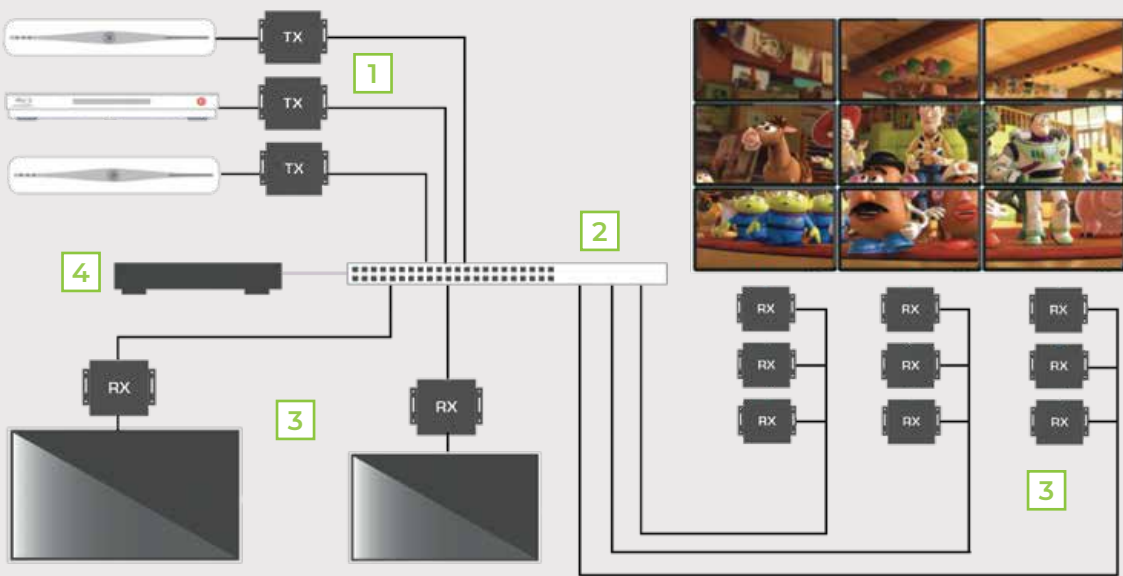
EXAMPLE TWO: VIDEO WALL WITH ONE SWITCH
(3 Input & 11 Output)

All of the current HDMI over IP devices have a built-in video wall processor that allows you to build a **2×2 up to a 16×16 video wall**, and nearly any combination within that (i.e. 2×4, 6×2, 1×8).

Watch one source across a full video wall or use **single screen viewing mode** to make each screen show a different source.

Our **3G video tiler** pairs perfectly with our video walls for displaying even more video content in a quad view on one or more video wall screens.

A 3×3 video wall example
One source across 9 displays.

Most Modular Design | Plug-Play-Present | Video Tiling | USB, 232, IR & CEC All Over IP | 4K Up & Downscaling | Seamless Management | Supports All Audio Formats | Power Over Ethernet

Works With All 4K Sources | Use Any Gigabit Switch | Ultra Low Latency | Default Image | Free Web-Based Control App | Video Wall | Default Image | Image Preview

avgear

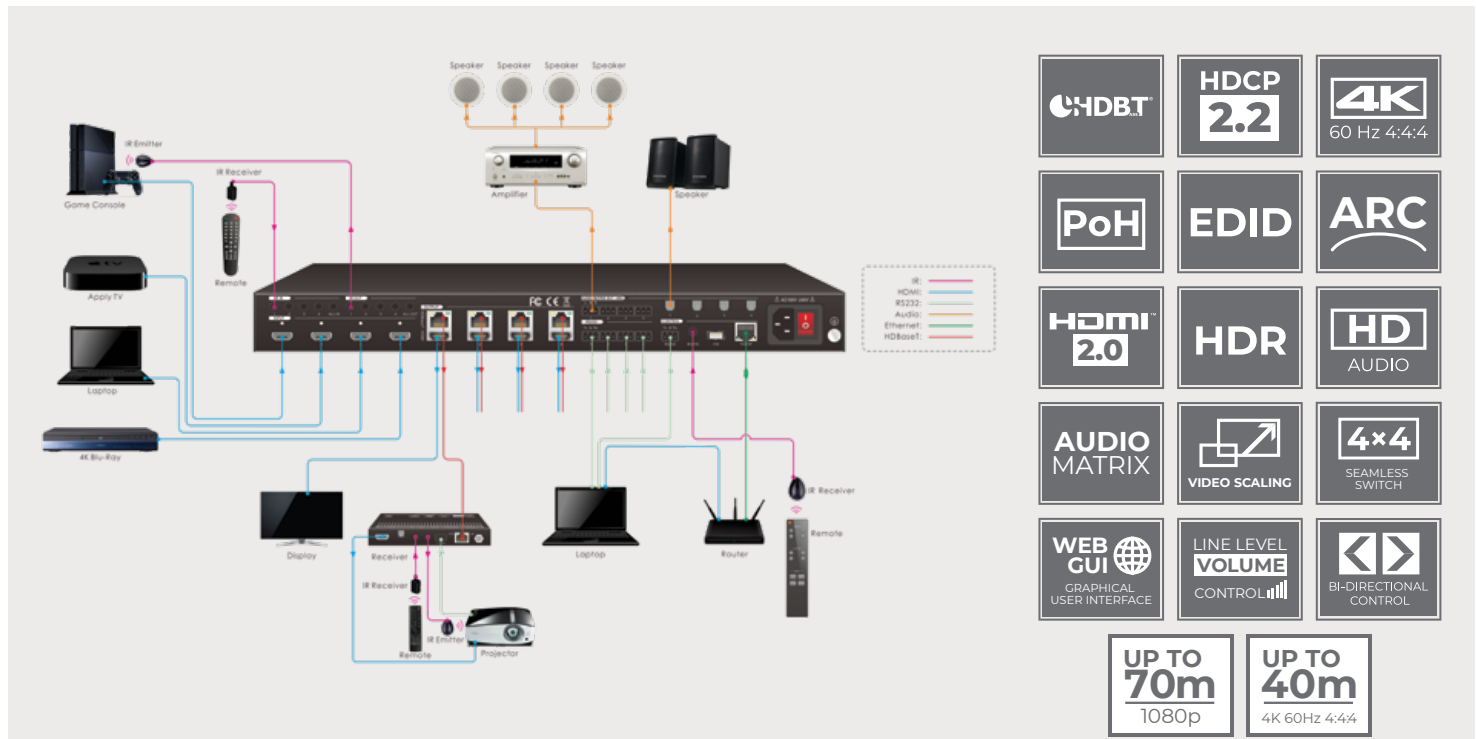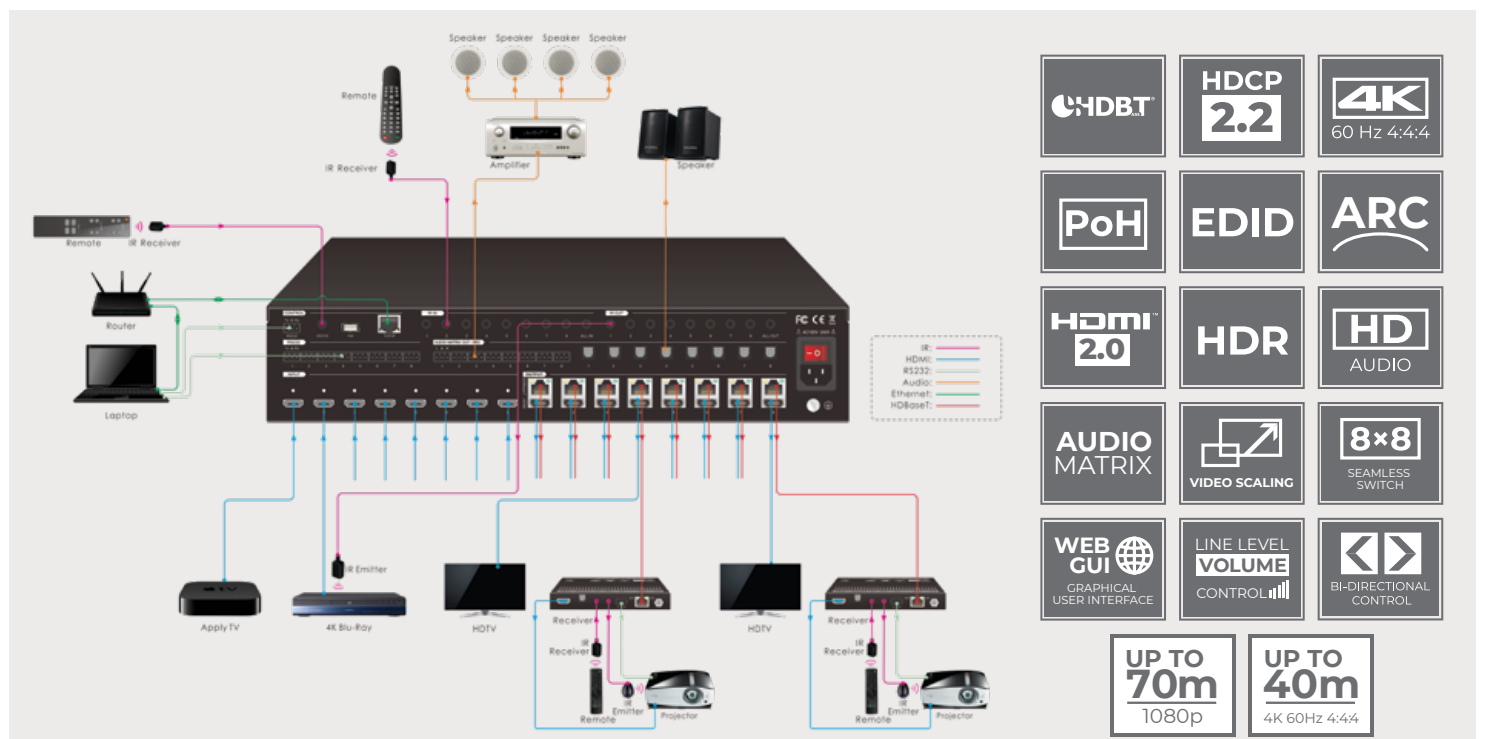## ⬡HDBT & HDMI™ MATRIX SWITCHER

4K@60Hz 4:4:4

TMX44PRO AV

The TMX44PRO AV is a HDMI2.0 4X4 HDBaseT matrix switcher, delivering the highest performing 4K@60 4:4:4 experience at 18G. Integrated with the latest technology, such as HDBaseT, audio de-embedding and control. It is not only a video matrix, but also an audio matrix, IR & RS232 matrix. The ARC audio output can be selected from the display when used with our combined with our HD350AR HDBaseT receiver.

KEY FEATURES

- 4 HDMI inputs, 4 outputs (4 HDBaseT and 4 HDMI)
- HDMI2.0 & HDCP2.2 or backward compatible
- 4K @60Hz, 4:4:4 with 18G bandwidth, HDR10 & HDR Dolby vision
- 4 mirrored HDMI outputs support 4K to 1080P down-scaling
- HDBaseT output up to 40m at 4K or 70m at 1080P
- 24V PoC to receiver HD350AR

- RS-232, IR, TCP/IP, GUI, Touch-panel Control
- ARC supported, ARC audio output from receivers
- Volume adjustment for analog L+R audio outputs
- Intelligent EDID management
- Smart EDID management and advanced HDCP handling
- GUI, bi-directional IR & RS232 control
- Kit includes 4pcs HDBaseT receiver HD350AR

⬡HDBT	HDCP 2.2	4K 60 Hz 4:4:4
PoH	EDID	ARC
HDMI 2.0	HDR	HD AUDIO
AUDIO MATRIX	VIDEO SCALING	4×4 SEAMLESS SWITCH
WEB GUI GRAPHICAL USER INTERFACE	LINE LEVEL VOLUME CONTROL	BI-DIRECTIONAL CONTROL

UP TO **70m** 1080p   UP TO **40m** 4K 60Hz 4:4:4

4K@60Hz 4:4:4

TMX88PRO AV

The TMX88PRO AV is a HDMI2.0 8X8 HDBaseT matrix switcher, delivering the highest performing 4K@60 4:4:4 experience at 18G. Integrated with the latest technology, such as HDBaseT, audio de-embedding and control. It is not only a video matrix, but also an audio matrix, IR & RS232 matrix. The ARC audio output can come from the display when used with the HDBaseT receiver HD350AR.

KEY FEATURES

- 8 HDMI inputs, 8 outputs (8 HDBaseT and 8 HDMI)
- HDMI2.0 & HDCP2.2 or backward compatible
- 4K @60Hz, 4:4:4 with 18G bandwidth, HDR10 & HDR Dolby vision
- 8 mirrored HDMI outputs support 4K to 1080P down-scaling
- HDBaseT output up to 40m at 4K or 70m at 1080P
- 24V PoC to receiver HD350AR

- RS-232, IR, TCP/IP, GUI, Touch-panel Control
- ARC supported, ARC audio output from receivers
- Volume adjustment for analog L+R audio outputs
- Intelligent EDID management
- Smart EDID management and advanced HDCP handling
- GUI, bi-directional IR & RS232 control

⬡HDBT	HDCP 2.2	4K 60 Hz 4:4:4
PoH	EDID	ARC
HDMI 2.0	HDR	HD AUDIO
AUDIO MATRIX	VIDEO SCALING	8×8 SEAMLESS SWITCH
WEB GUI GRAPHICAL USER INTERFACE	LINE LEVEL VOLUME CONTROL	BI-DIRECTIONAL CONTROL

UP TO **70m** 1080p   UP TO **40m** 4K 60Hz 4:4:4
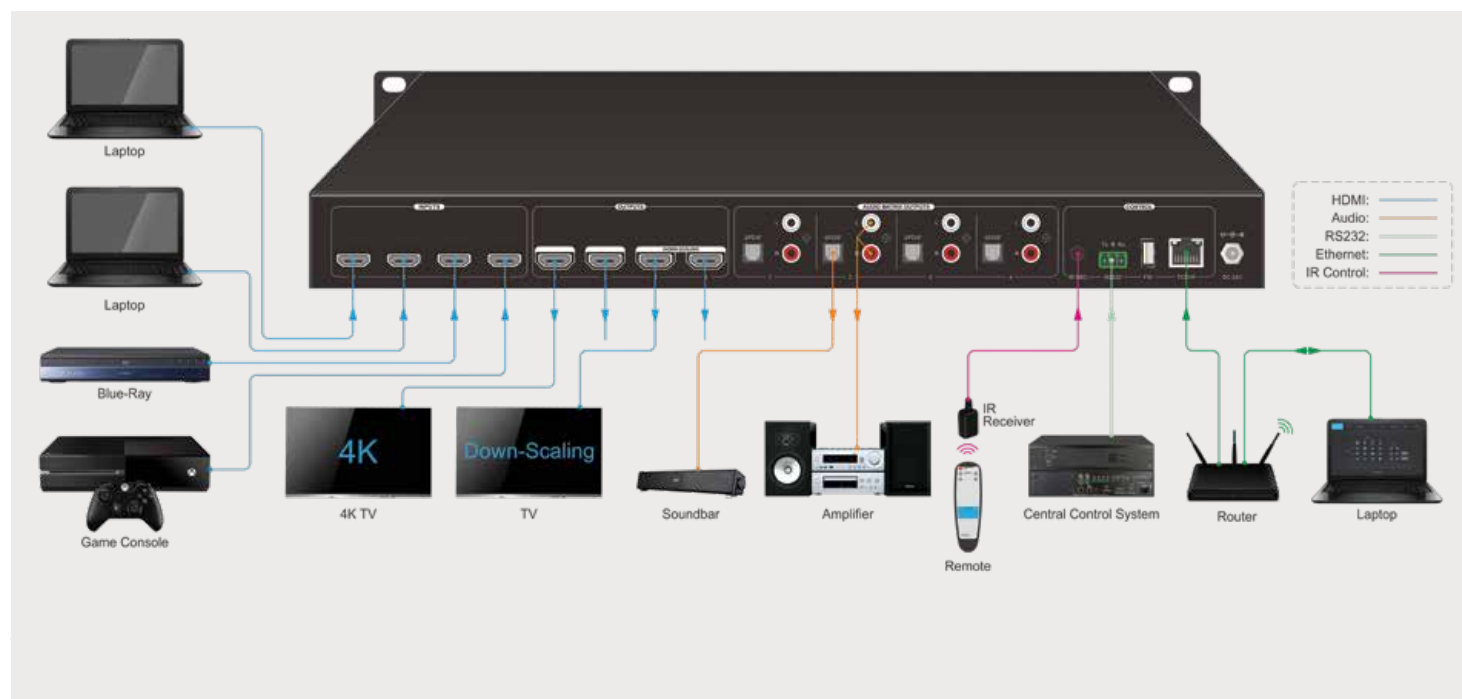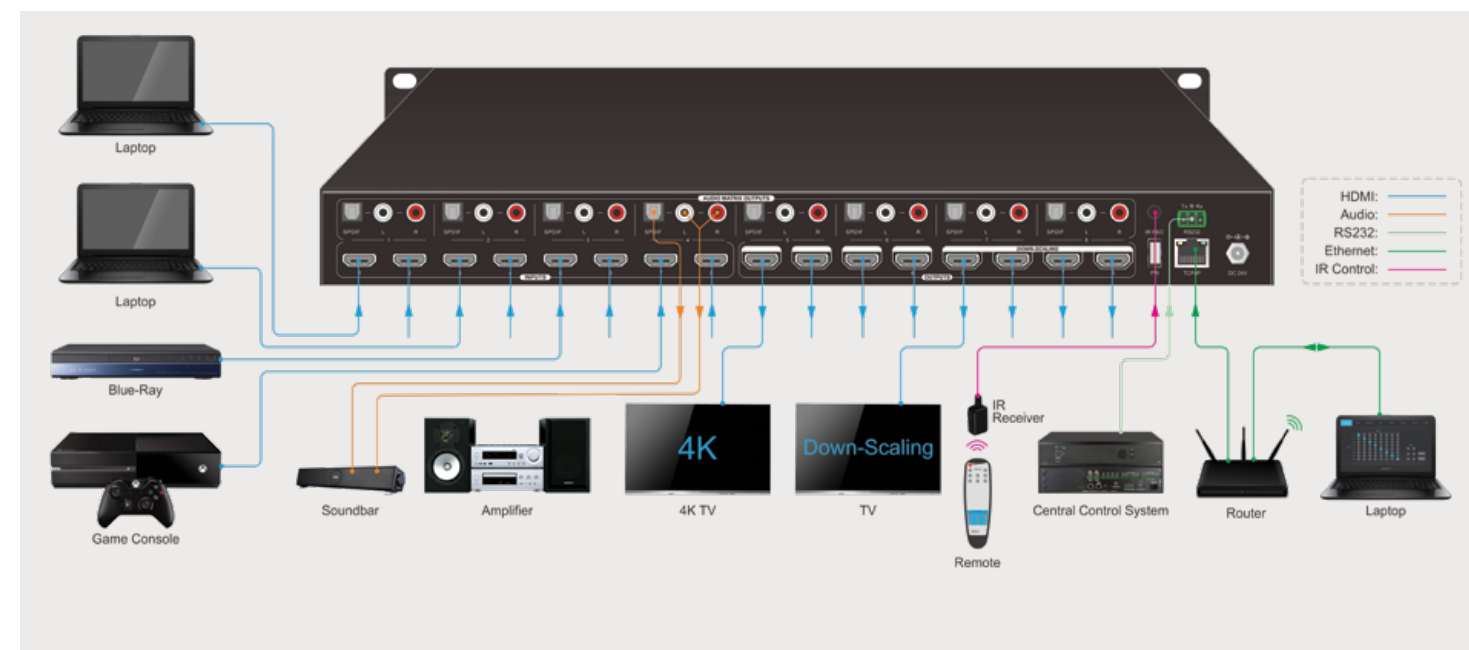
⊕HDBT & HDMI™ MATRIX SWITCHER

4K@60Hz 4:4:4

UHD4K-44 V3

The AVG-UHD4K-44 V3 is an 4x4 HDMI2.0 matrix switcher with touch panel control and de-embedded audio.

KEY FEATURES

• HDMI2.0 & HDCP2.2 and backwards compatible
• 4K @60Hz, 4:4:4 with 18G bandwidth, HDR10 & HDR Dolby vision
• De-embedded audio output at SPDIF and RCA
• RCA volume controllable and LCD for status
• Intelligent EDID management
• CEC pass through
• RS-232, IR, TCP/IP, GUI, Touch-panel Control
• Fast switching for instant display

| HDMI 2.0 | ⊕HDBT | 4K 60 Hz 4:4:4 | AUDIO BREAKOUT | HDCP 2.2 | HDR | WEB GUI GRAPHICAL USER INTERFACE | EDID | LINE LEVEL VOLUME CONTROL | 4×4 SEAMLESS SWITCH |

⊕HDBT & HDMI™ MATRIX SWITCHER

4K@60Hz 4:4:4

UHD4K-88 V3

The AVG-UHD4K-88 V3 is an 8x8 HDMI2.0 matrix switcher with touch panel control and de-embedded audio.

KEY FEATURES

• HDMI2.0 & HDCP2.2 and backwards compatible
• 4K @60Hz, 4:4:4 with 18G bandwidth, HDR10 & HDR Dolby vision
• De-embedded audio output at SPDIF and RCA
• RCA volume controllable and LCD for status

• Intelligent EDID management
• CEC pass through
• RS-232, IR, TCP/IP, GUI, Touch-panel Control
• Fast switching for instant display

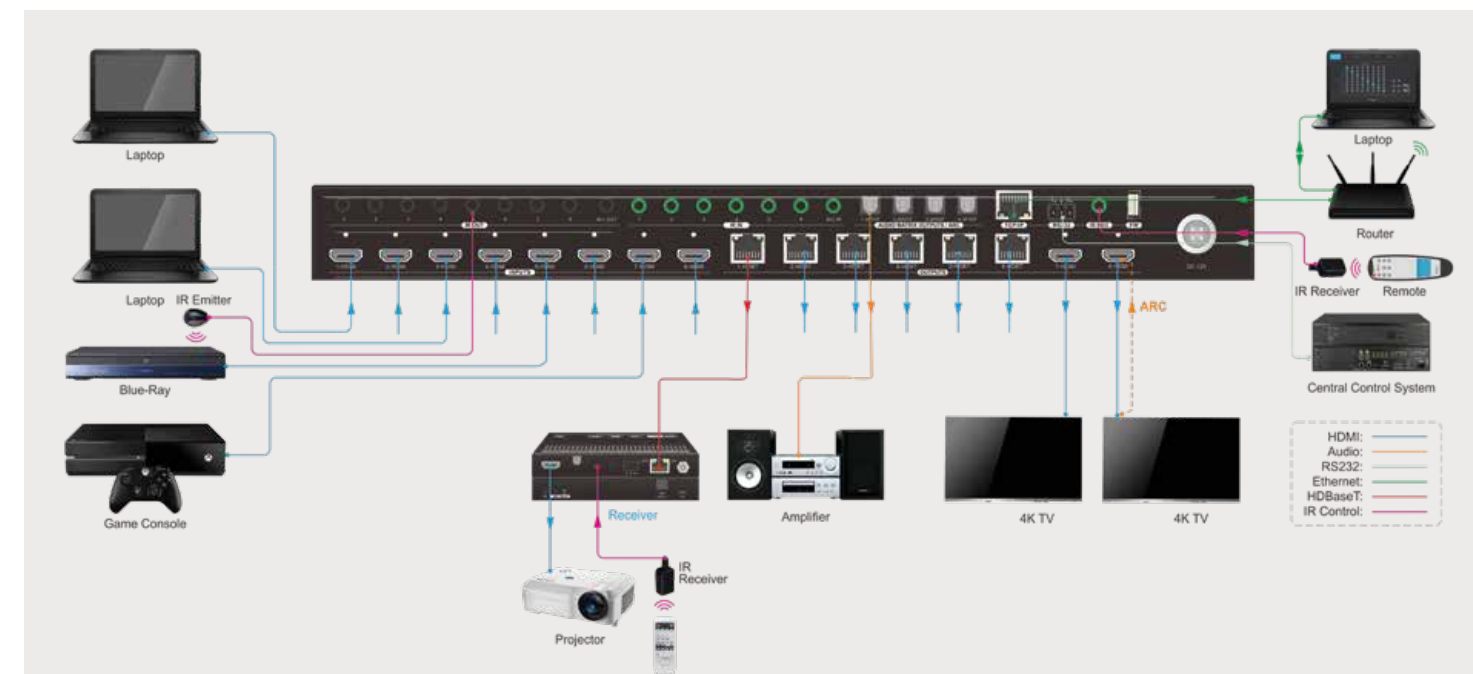| HDMI 2.0 | ⊕HDBT | 4K 60 Hz 4:4:4 | AUDIO BREAKOUT | HDCP 2.2 | HDR | WEB GUI GRAPHICAL USER INTERFACE | EDID | LINE LEVEL VOLUME CONTROL | 4×4 SEAMLESS SWITCH |

4K HDMI™
4×4 Matrix

CS4K-44 V3

The CS4K-44 V3 is a HDMI2.0 ultra 4x4 HDBaseT matrix switcher kit with 4 HDMI inputs, 3 HDBaseT and one HDMI output, it with de-embedded audio, including 3 HD322R receivers. The de-embedded audio can be output from SPDIF and L/R connector. It supports video resolutions up to 4K@60Hz 4:4:4, 1080P & 3D, 18G bandwidth.

KEY FEATURES

- Full HDMI2.0 and HDCP2.2 specifications
- Integrated with the latest HDBaseT technology
- Only sold as a kit – Includes 4x4 HDBT matrix with 3 receivers
- HDBaseT output up to 40m at 4K or 70m at 1080P
- 24V PoC function, the matrix powers the receivers
- Local HDMI output with corresponding digital optical S/PDIF and stereo L/R analog outputs

- Bi-directional IR control with remote receivers
- IR Kits and remote control included
- Smart EDID management
- GUI, front panel, IR and RS232 control
- 1U size for easy rack mount

HDMI 2.0 | ⊙HDB.T | AUDIO BREAKOUT | HDCP 2.2 | BI-DIRECTIONAL CONTROL | WEB GUI GRAPHICAL USER INTERFACE | EDID | PoC | CSC | ARC
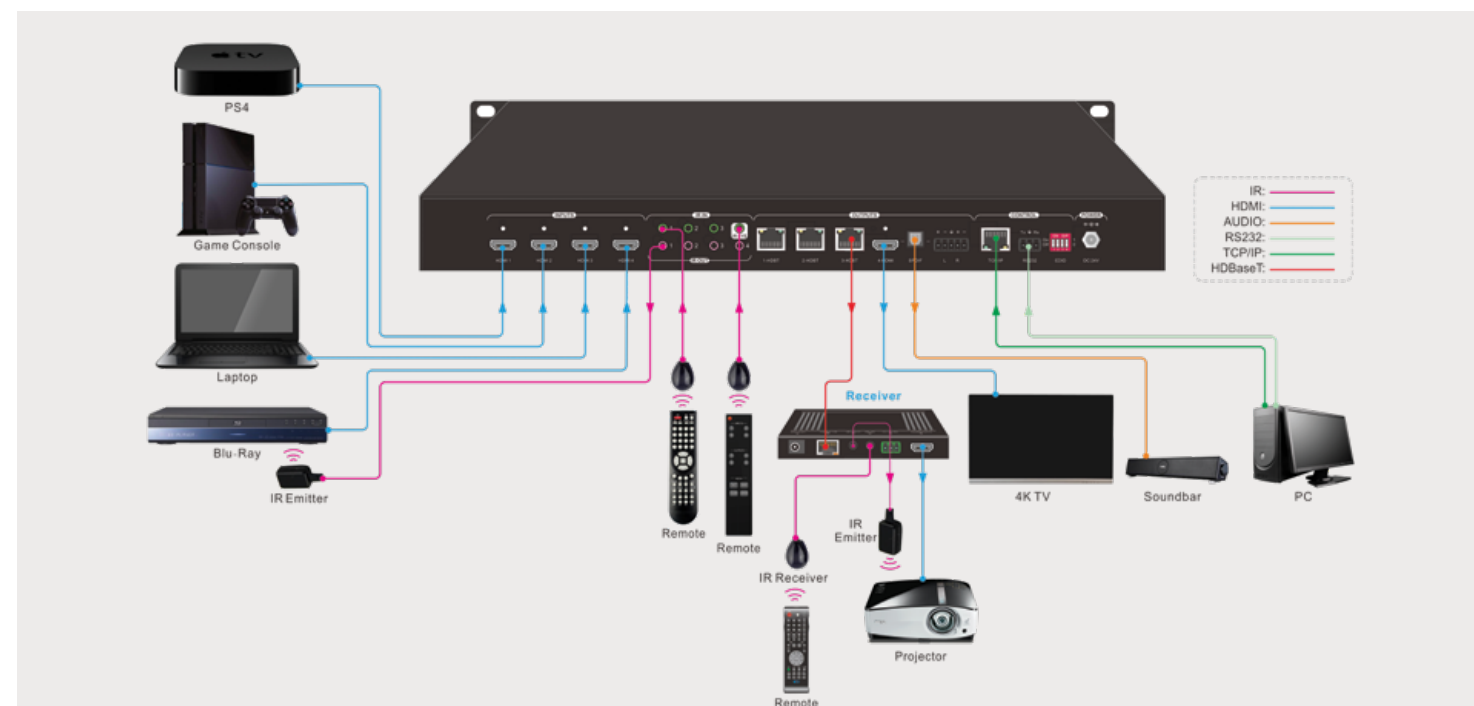
4K HDMI™
8×8 Matrix

CS4K-88 V3

The CSK-88 V3 is a HDMI2.0 ultra 8x8 HDBaseT matrix switcher kit with 8 HDMI inputs, 6 HDBaseT and 2 HDMI outputs, with de-embedded audio, including 6 HD350AR receivers. The de-embedded audio can be any HDMI input or HDBaseT/HDMI output, it's an audio matrix and with ARC. It supports video resolutions up to 4K@60Hz 4:4:4, 1080P&3D, 18G bandwidth.

KEY FEATURES

- Full HDMI2.0 and HDCP2.2 specifications
- Integrated with the latest HDBaseT technology
- Only sold as a kit – Includes 8 x8 HDBaseT matrix with 6 receivers
- HDBaseT output up to 40m at 4K or 70m at 1080P
- 24V PoC function, matrix powers the receivers
- 2 Local HDMI outputs with corresponding digital optical S/PDIF outputs

- ARC supported
- Bi-directional IR control with remote receivers
- IR Kits and remote control included
- Smart EDID management
- GUI, front panel, IR and RS232 control
- 1U size for easy rack mount

HDMI 2.0 | ⊙HDB.T | AUDIO BREAKOUT | HDCP 2.2 | BI-DIRECTIONAL CONTROL | WEB GUI GRAPHICAL USER INTERFACE | EDID | PoC | CSC | ARC

HDBaseT & HDMI™ MATRIX SWITCHER

4K HDMI™ 4×4 Matrix

CS-HDMI44

The AVG-CS-HDMI44 is a 4K HDMI 4x4 Matrix, with 4 HDMI inputs and 4 HDMI outputs, supporting HDMI1.4 and HDCP2.2,it offers high performance and great stability at a very low price point.

KEY FEATURES

- 4 inputs and 4 outputs
- HDMI1.4 and HDCP2.2
- Smart EDID management
- Front panel buttons, IR remote and RS232 control

HDBaseT & HDMI™ MATRIX SWITCHER

4K HDBaseT 16×14 Matrix

DM1616TP

4K 16×14+2 HDBaseT matrix

KEY FEATURES

- 16 HDMI inputs, 14 HDBaseT and 2 HDMI outputs
- HDBaseT technology, VS010, 40m@4K, 70m@1080p
- HDMI 1.4, HDCP 2.2, 10.2G, 4K@60Hz 4:2:0
- De-embedded audio
- PoC, from matrix to Rx
- Smart EDID Management
- Buttons, IR, RS232 and TCP/IP (GUI) control
- Power Supply: 110V-240V AC
- Chassis dimensions (W×H×D): 437 × 88 × 380 mm

4K SEAMLESS MULTI-WINDOW PROCESSOR

AVG-SCU41-MV

FEATURES

4K 30 Hz 4:4:4

AUTO UP OR DOWN SCALING

16 PRESET LAYOUTS

REPOSITION & RESIZE

SEAMLESS SWITCHING

4 USER-DEFINED LAYOUTS
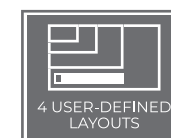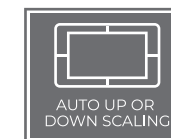
FLEXIBLE LAYOUT

16 Preset Layouts
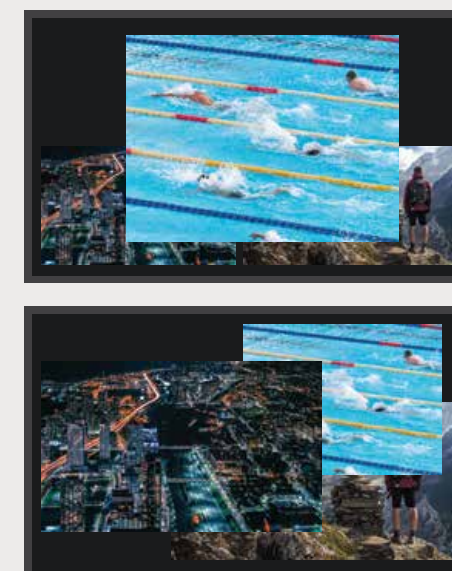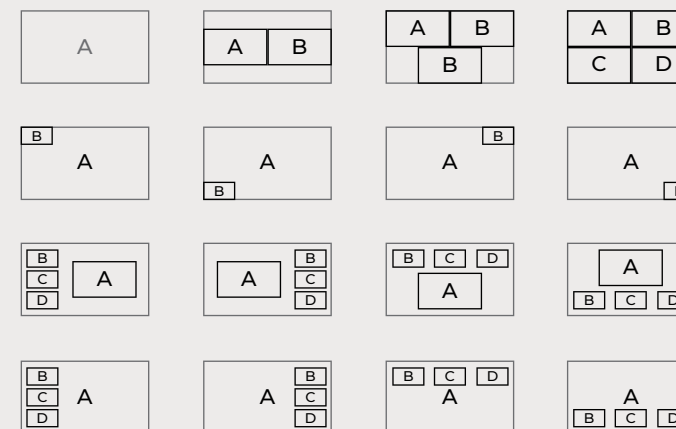
AUDIO PRODUCTS

AVGear provides a full range of compact size, mini class D amplifiers, with smooth, clean audio and unique custom installation features.
Our family of mini audio products consisting of the MA1, MA2, MA3 and the DDM-HD and HDE2 provide robust audio solutions, ideal for residential and commercial installations.

DAX-100

The DAX-100 is an audio extender set including a transmitter and receiver. It is designed to extend stereo audio signals up to 170m, and TOSLINK, COAX audio signals up to 290m via CATx cable. The DAX-100 is also a DA as all 3 audio outputs are always live.

KEY FEATURES

- Supports HDMI 4K
- Compliant with HDCP 2.2
- Supports multiple audio formats: Dolby Digital 5.1, DTS 5.1 and PCM 7.1
- 7.1 or 5.1 multi-channel to two-channel(L+R) audio conversion and down-mixing to all outputs
- Digital Coaxial and Optical plus analog stereo audio outputs.
- Plug and play functionality

HDE-2

The HDE-2 is an audio de-embedder featuring both digital and analogue audio outputs. This allows you to extract the audio from a device that only has an HDMI output. The HDE-2 also supports 4K.

KEY FEATURES

- 3 switchable audio inputs: TOSLINK, COAX, Stereo
- 3 synchronous audio outputs: TOSLINK, COAX, RCA (L+R)
- Support PoC, transmitter is powered by the receiver
- The transmission distance of stereo audio signals can be up to 170m over asingle CATx cable
- TOSLINK, COAX audio signals up to 290m

MA1

The MA1 is digital amplifier (Class-D) with 2-line inputs & 1 MIC input, which supports EQ control and MIC mixing. With 2x20W@4 Ohm as default output, it can also be bridged to 1x40W@8 Ohm.

KEY FEATURES

- 2 switchable analog audio inputs
- One multi-mode MIC input with a mixer function
- Stereo, Dual mono & Bridge output mode selectable
- Bass, Treble & Volume adjustable
- Loop output to cascade to another MA1
- Locking power adaptor
- Controllable via buttons or RS232 or optional IR via an IR-MA1

MA2

The MA2 is a digital amplifier with 3 inputs, EQ control. With 2x50W@8 Ohm as default output, it can also be bridged to 1x100W@4 Ohm.

KEY FEATURES

- 2 analog inputs and 1 optical digital input
- Stereo and bridge output modes selectable
- Bass, Treble & Volume adjustable
- Loop output to cascade to another amplifier
- Locking power connector
- Controllable via button, RS232, IR, and TCP/IP

MA3

The MA3 is a 40-Watt constant voltage amplifier, with either 70V or 100V output options. It has 3 line inputs & 1 MIC input, which support EQ control & MIC mixing.

KEY FEATURES

- 3 switchable audio inputs: 1 digital and 2 analog
- One multi-mode MIC input with mixer function, condenser MIC supported
- 40W output, compatible with 100V and 70V
- Ducking function
- Bass, treble and volume adjustment
- Locking power adaptor
- ID identification for RS232 looping control
- Controllable via button, RS232, and optional IR

AVG DAC

The AVG-DAC is the Digital Audio Converter with coaxial or Toslink digital audio input to analog L/R and 3.5mm audio output. Simultaneously, the converter provides COAX SPDIF output for digital audio extension.

KEY FEATURES

- Supports audio distribution splitting one audio source into three audio outputs
- Converts coaxial or Toslink digital audio input to analog L/R and 3.5mm audio output
- COAX SPDIF output for digital audio extension
- Supports up to 24-bit/192 KHz input (PCM, Dolby Digital or DTS formats for digital audio extension only)
- Provides Micro-USB port for power cable connection
- Easy to install and simple to operate
- Compatible with coaxial or Toslink interface digital audio devices: CD/DVD, PS3, X-Box360, Blue-ray player, Computer, A/V receiver, etc
- Ideal for interfacing between modern digital audio/video devices with analog amplifiers or self-powered speakers

APPLICATION
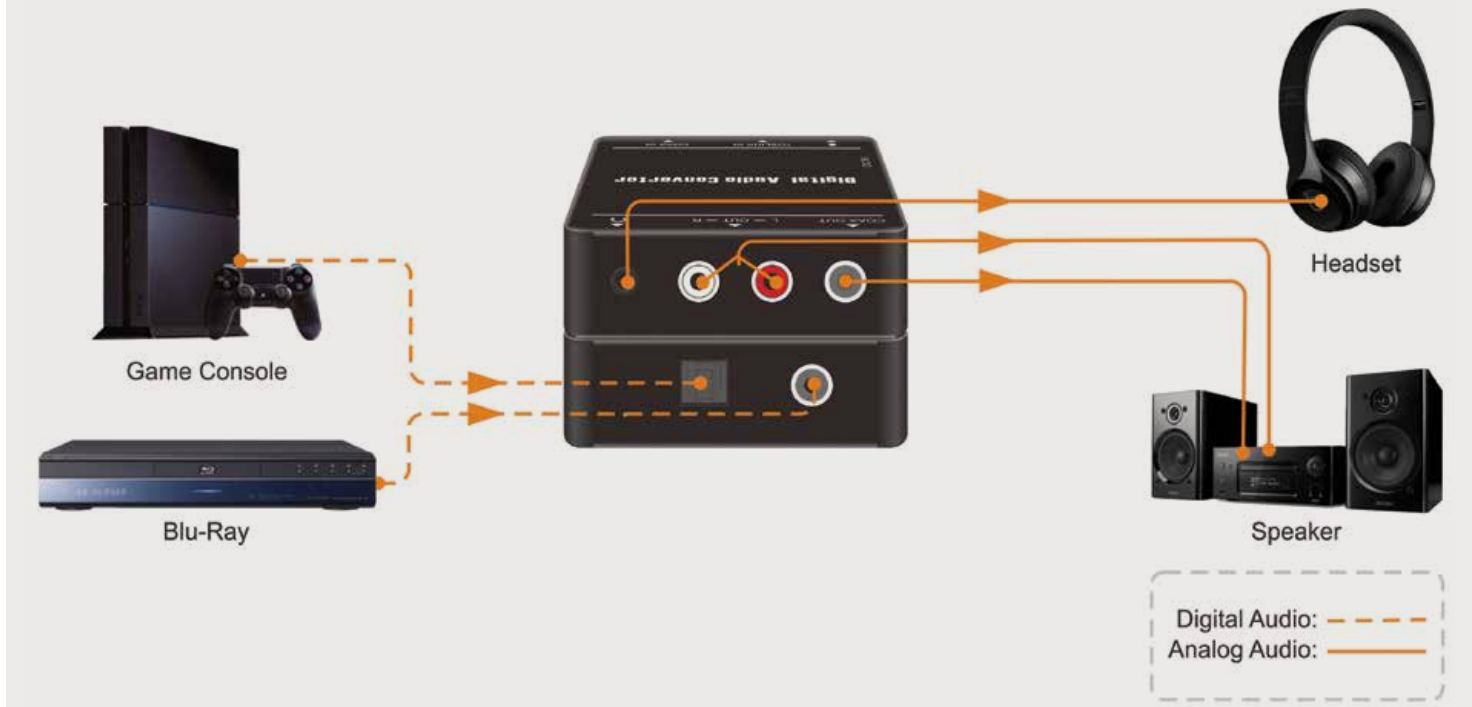
HDMI™ OVER IP

The future of audio and video distribution is the local IP network,
and AVGear offers you the future of AV distribution now.

Designed to work on IP network infrastructure, AVGear IP streaming products extend and route audio, video, and control signals including USB data.

With simple user-friendly App control, AVGear IP products are ideal for high resolution AV and control systems capable of

extending, splitting, matrix switching, and video wall processing on comprehensive integrated applications, such as AV distribution, digital signage, control room monitoring, video walls, stadiums, shopping centers, schools, universities, hotels, hospitals, airports, etc.

IPM100T
HDMI 2.0 AV over IP SDVoE encoder, to distribute uncompressed AV signals with resolutions up to 4K@60 Hz 4:4:4 over a 10GbE Ethernet network.

IPM100R
HDMI2.0 AV over IP SDVoE decoder, to distribute uncompressed AV signals with resolutions up to 4K@60 Hz 4:4:4 over a 10GbE Ethernet network.

KEY FEATURES
- Utilises SDVoE technology to distribute AV signals over a 10GbE network switch
- Both fiber optic and one copper cable inputs, one HDMI output
- Powerful routing engine: video, embedded audio, down mixed audio, analog audio, IR, RS-232, and 1GbE
- Unconstrained scalability, size of I/O array only limited by number of 10GbE switch ports
- HDMI 2.0, HDCP 2.2, DP 1.2, 18G, 4K@60 4:4:4, HDR
- Matrix, video wall and Multi-view functions, with IPA200E
- Audio capability, includes Dolby Atmos and DTS:X
- Supports audio embedding, de-embedding and down mixing audio
- Zero frame latency, zero compression and unmatched image quality
- Latest scaler technology, seamless AV source switching

KEY FEATURES
- Utilise SDVoE technology to distribute AV signals over 10GbE network switch
- 1 HDMI and 1 DisplayPort inputs (Auto switching), 1 fiber optic cable (Single mode at 2km, multimode at 300m) and one copper cable output at 100m
- Powerful routing engine: video, embedded audio, down mixed audio, analog audio, IR, RS-232, and 1GbE
- Unconstrained scalability, size of I/O array only limited by number of 10GbE switch ports
- HDMI 2.0, HDCP 2.2, DP 1.2, 18G, 4K@60 4:4:4, HDR
- Matrix, video wall and Multi-view functions, with IPA200E
- Audio capability, includes Dolby Atmos and DTS:X
- Supports audio embedding, de-embedding and down mixing audio
- Zero frame latency, zero compression and unmatched image quality
- Latest scaler technology, seamless AV source switching
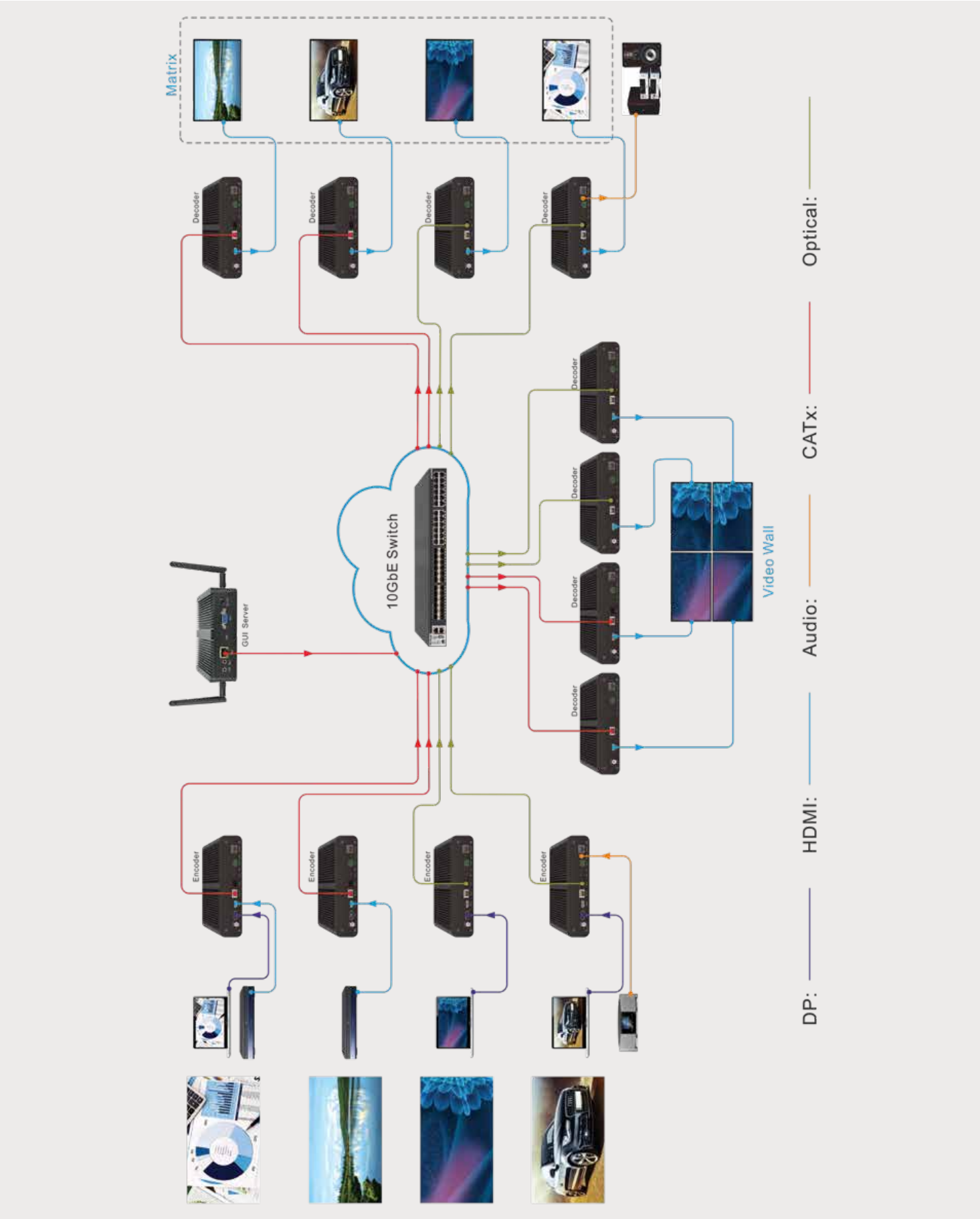
HDMI™ 2.0 SPLITTER

AVGear HDMI switchers and distribution amplifiers are engineered for reliable operation in demanding commercial environments. Our AVGear switchers and distribution amplifiers also support 4K and feature an ultra slim design.

UDA2-V2

The UDA2-V2 is an ultra 18G 1x2 HDMI splitter with 4K to 1080P Down-scaling, a unique ultra-slim design in a steel casing.

KEY FEATURES

- High bandwidth up to 18G
- Supports HDMI2.0 4K@60 4:4:4, Dolby Vision,1080P, 3D
- Supports hot-plugging for quicker installation
- HDCP2.2 compliant, HDCP active or HDCP passive mode
- Supports video resolution down-scaling, the 4K input can be automatically degraded to 1080P output for compatibility with 1080P display
- Built-in signal equaliser, provides capability to use a longer range HDMI cable
- Up to 6 types of built-in EDIDs can be selected by DIP Switch
- Up to 6 units can be cascading to multiple video displays
- CEC pass-through
- Micro-USB port for convenient firmware upgrade

UDA4-V2

The UDA4-V2 is an ultra 18G 1x4 HDMI splitter with 4K to 1080P Down-scaling. It has a unique ultra-slim design with audio breakout in a steel casing.

KEY FEATURES

- High bandwidth up to 18G
- Supports HDMI 2.0 4K@60 4:4:4, Dolby Vision,1080P, 3D
- Supports hot-plugging for quicker installation
- HDCP 2.2 compliant, HDCP active or HDCP passive mode
- Supports video resolution down-scaling, the 4K input can be automatically degraded to 1080P output for compatibility with 1080P display
- Built-in signal equaliser provides capability to use a longer range HDMI cable
- Up to 6 types of built-in EDIDs can be selected by DIP Switch
- RCA and Toslink audio outputs for audio de-embedded
- Up to 6 units can be cascaded
- CEC pass-through
- Micro-USB port for convenient firmware upgrade

AVG-UHS24

The AVG-UHS24 is an HDMI2.0 2:1x4 HDMI splitter with a unique ultra-slim design, delivering the highest performing 4K@60 4:4:4 experience at 18G.

KEY FEATURES

- 2 Selected inputs and 4 HDMI outputs
- HDMI2.0 & HDCP2.2 or backward compatible
- 4K @60Hz, 4:4:4 with 18G bandwidth, HDR10 & HDR Dolby vision
- Audio de-embedded
- Smart EDID management

AVG-UHS28

The AVG-UHS24 is an HDMI2.0 2:1x8 HDMI splitter with a unique ultra-slim design, delivering the highest performing 4K@60 4:4:4 experience at 18G.

KEY FEATURES

- 2 Selected inputs and 8 HDMI outputs
- HDMI2.0 & HDCP2.2 or backward compatible
- 4K @60Hz, 4:4:4 with 18G bandwidth, HDR10 & HDR Dolby vision
- Audio de-embedded
- Smart EDID management

DESKTOP INTERFACES

AVGear offer desktop interfaces to provide a neat and elegant solution to cable clutter on your table or workspace. Our desktop interfaces are the ideal solution to tidy up your boardroom table and ensure that there are no cables visible when your audio-visual equipment is not in use. We have pop up tilt models as well as tilt up recessed versions. Most units accommodate VGA, HDMI, Audio, Network and provide power. If you have a large project we can also create a custom version for your specific requirements.

AVG-TSM1

The AVGear TSM1 series is a high-quality, anodised aluminum brushed table mount interface box that can be mounted into a tabletop or other flat surface for boardrooms and conference rooms etc. The attractive enclosure is modular in design to provide maximum custom configuration in the smallest possible footprint.

To access the connectors, users press down on the top of the enclosure. Pressing down releases a mechanical latch and the hideaway TSM1 slowly pivots into view, presenting the connectors at an ergonomic 45-degree angle to the tabletop. When closing, all the connectors will be covered, ensuring a neat and clean appearance.

KEY FEATURES

- S/PDIF audio outputs: Coax, optical
- 3.5mm earphone output
- Audio output with volume adjustment
- Multiple analog audio inputs: RCA, 3.5mm, 3-pin phoenix

AVG-TSC6

The AVGear TSC6 series is a high-quality, anodised aluminum brushed table mountable interface box that can be mounted into a tabletop or other flat surface for boardrooms and conference rooms. It's an attractive enclosure designed to provide maximum connectivity in the smallest possible footprint.

To access the connectors, users swivel the top of the enclosure. The cover releases and slides away so you have easy access to the cables. When closing, all the cables and connectors will be covered, ensuring a neat and clean appearance.

KEY FEATURES

- Universal 240V Power Socket
- 2× RJ45 sockets
- 1× HDMI
- 1× Male VGA + Male 3.5mm Audio
- 2× RJ45 plugs
- Rear Cable length is just over 1.4m
- Cables are interchangeable to create your own configuration

PRESENTATION SCALER SWITCHERS

Multi-format signal converting and scaling, Seamless switching,
Ultra 4K, HDBaseT and Multiple control options

AVGear provides a comprehensive range of presentation solutions to seamlessly manage multi format audio and video switching for meeting rooms, boardrooms, classrooms & video conference rooms, etc.

AVGear scalers typically provide integrated control, switching, an audio amplifier and Mic mixer and are housed in a compact size chassis. Our latest models of AVGear presentation scaler switchers can handle ultra 4K resolution, seamless switching and long transmission distances up to 100m with PoE from a built in HDBaseT output port. AVGear presentation scaler switchers are capable of upscaling and downscaling multiple signals to provide excellent picture quality. Models in the range vary from 5 inputs up to 12 inputs to meet a variety of applications from small meeting rooms to large auditoriums.
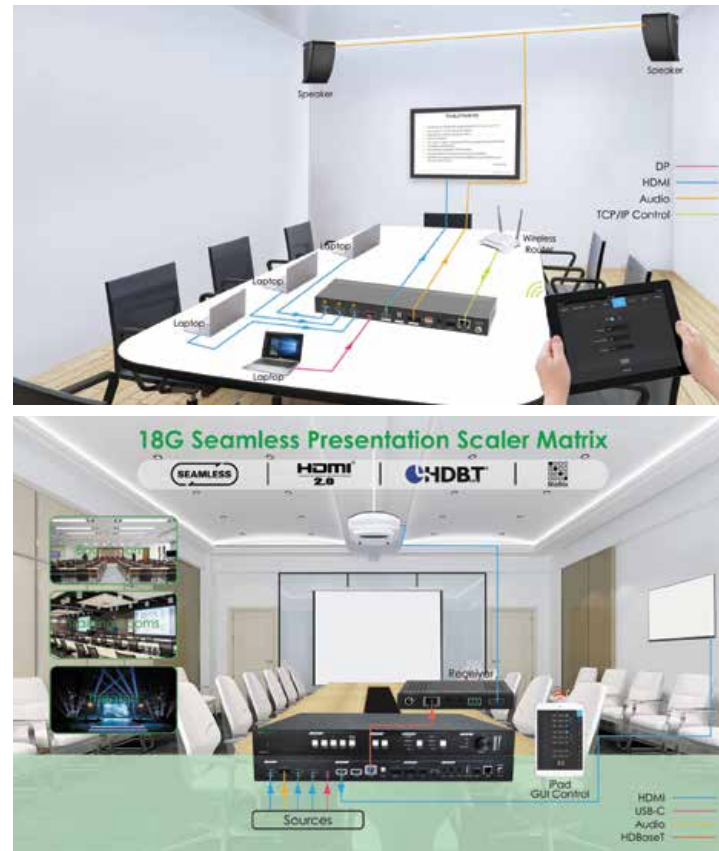
AVG-SC42

The AVG-SC42 is an HDMI2.0 4x2 all in one presentation switcher with 4 inputs (3 HDMI & 1 USB- C) and 2 HDMI matrix outputs.

KEY FEATURES

• Inputs (3 HDMI & 1 USB-C) and 2 matrix HDMI outputs
• HDMI2.0 & HDCP2.2 or backward compatible
• HDMI Video Max to 4Kx2K@60Hz 4:4:4, 18G bandwidth, HDR supported
• AUTO-SW or GUI control
• MIC and LINE inputs can be mixed to the audio outputs
• Supports 3 microphone types, Condenser, Dynamic and Wireless
• Smart EDID management: Preset EDIDs and customised setting allowed
• Fast switching for instant display
• Supports firmware upgrade

AVG-UHC41A

The AVG-UHC41A is a 4x1 presentation switcher with 4 inputs (3 HDMI inputs & 1 USB-C input) and 1 HDMI output.

KEY FEATURES

• Supports HDMI 2.0 and video resolutions up to 4K@60Hz 4:4:4 8bit, 1080P, and 3D
• 18G bandwidth and supports HDR10, HDR10+, Dolby Vision
• HDCP2.2 compliant
• Features auto switching
• CEC control for display volume and power control
• Controllable via RS232 and IR,GUI
• Optical and balanced analog audio, audio de-embedding
• Smart EDID management for various applications and customised settings

APPLICATION
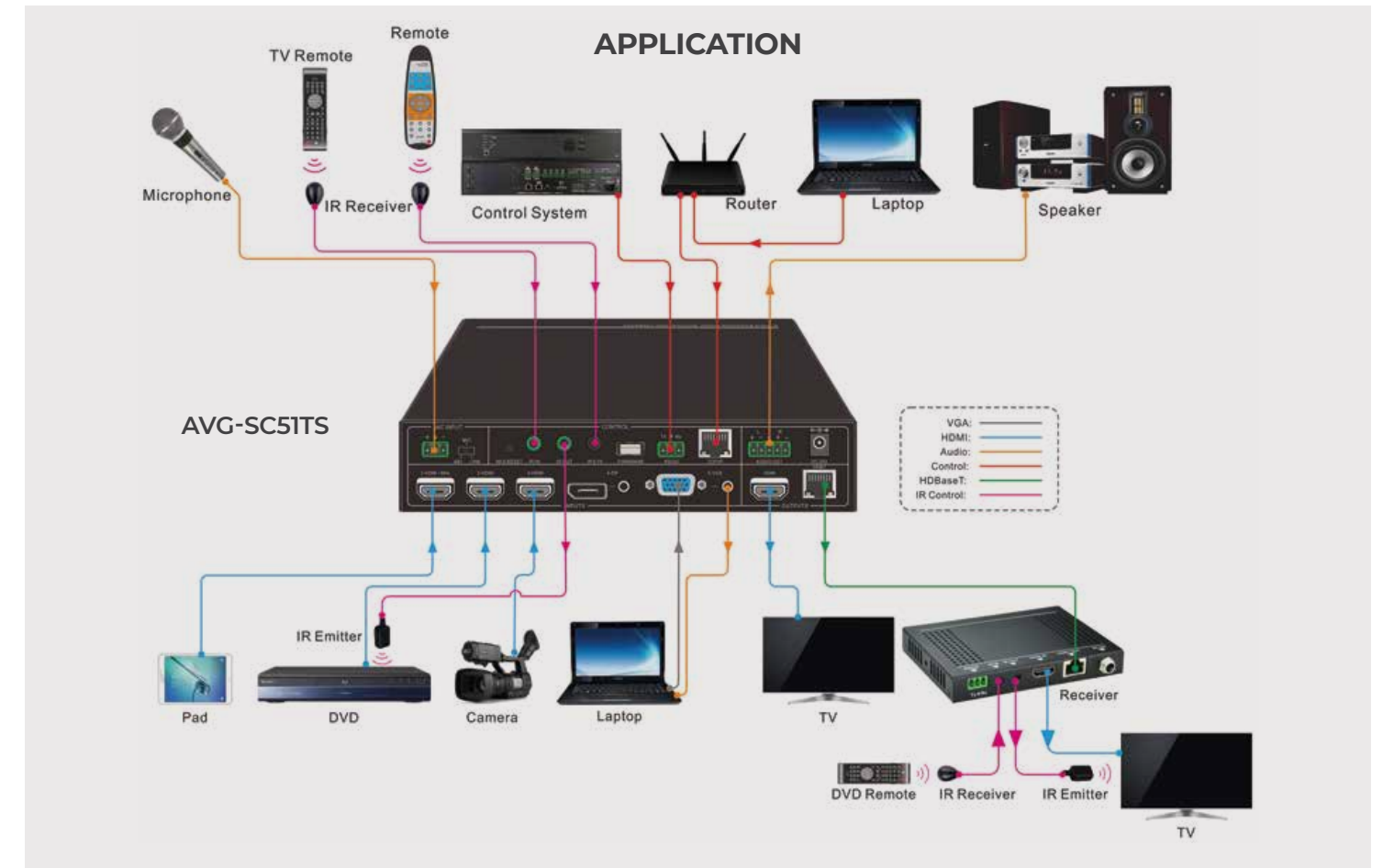
AVG-SC51TS

AVG-SC51TS

The AVG-SC51TS is an HDBaseT seamless scaler switcher with 5 video inputs, comprising of 3 HDMI, 1 Display Port, 1 VGA with audio & 1 MIC input. It scales & switches any video signal to HDMI and HDBaseT outputs with De-embedded audio. The scaler switcher provides scaling up to resolution 1920x1200 inputs and outputs.

KEY FEATURES

• Seamless switching Integrated with the latest HDBaseT technology
• Unique scaling for seamless switching with Output resolutions selectable
• HDMI & HDBaseT output simultaneously with audio de-embedded
• Auto switching between inputs
• PoH certified, from scaler to HD300SR receiver
• 3-level MIC inputs with mixing
• CEC control
• Controllable via GUI, front panel buttons, IR & RS232, TCP/IP

UHS41 DA

The AVG-UHS41 DA is an ultrathin auto switcher with 4 HDMI inputs and 1 HDMI output. This switcher supports HDMI video resolutions up to 4Kx2K@60Hz 4:4:4 HDR and multi-channel audio. The switcher also supports audio return channel (ARC) for transmitting audio back to the HDMI input and audio output ports from the connected display.

KEY FEATURES

• Switches any of the 4 HDMI inputs to 1 HDMI output
• Supports video resolutions up to 4Kx2K@60Hz 4:4:4 HDR
• 18Gbps high bandwidth
• Fully compliant with the HDMI 2.0 and HDCP2.2 specifications
• Supports audio return channel (ARC)
• Supports ARC
• Advanced EDID management: multiple presets and user definable allowed
• Controllable via RS232 and IR
• Supports CEC

EXTENDER COMPARISION

	AVG-HD70L	AVG-HD200	AVG-HD320
Max. Transmission @ 1080P	70m	70m	70m
Max. Transmission @ 4K	40m	40m	40m
Resolution Range	Up to 4K@60Hz 4:4:4, HDR 10	Up to 4Kx2K@60Hz 4:2:0	Up to 4Kx2K@60Hz 4:4:4
HDMI Standard	2.0	1.4	2.0
HDCP Standard	2.2	2.2	2.2
Transmission Method	UTP	UTP	UTP
Transmission Technology	HDCT	HDBT	HDBT
Infrared Voltage	5V	5V	12V
IR Receiver Included	✓	✓	✗
IR Emitter Included	✓	✓	✗
RS232 Passthrough	✗	✓	✓
Ethernet Passthrough	✗	✗	✗
CEC Passthrough	✗	✗	✓
ARC	✗	✗	✗
Audio De-embedding	✗	✗	✗
Operating Temperature	-5 to 55°C	0 to 40°C	-10 to 50°C
Operating Humidity	10% - 90%	0% - 90%	0% - 90%
DC Power Supply	12V DC, 1A	12V DC, 1A	12V, 2A
Power Consumption TX, RX	9.5W	10W	14W
Dimensions(mm) TX, RX	80 × 16.8 × 80	106 × 16 × 84	115 × 16 × 84
UHD4K Matrix	✗	Yes, but not full Res	✓
CSK Matrix	✗	Yes, on HDMI outs	Yes, on HDMI outs
TMX PRO Matrix	✗	Yes, but not full Res	✓

EXTENDER COMPARISION

	AVG-HD350A	AVG-HD400DSC	AVG-HD600
Max. Transmission @ 1080P	70m	70m	100m
Max. Transmission @ 4K	40m	40m	100m
Resolution Range	Up to 4Kx2K@60Hz 4:4:4 8bit HDR10	Up to 4Kx2K@60Hz 4:4:4 HDR	Up to 4Kx2K@60Hz 4:4:4
HDMI Standard	2.0	2.0	2.0
HDCP Standard	2.2, 1.4 compliant	2.2, 1.4 compliant	2.2
Transmission Method	UTP	UTP	UTP
Transmission Technology	HDBT	HDBT	HDBT
Infrared Voltage	12V	12V	12V
IR Receiver Included	✗	✗	✗
IR Emitter Included	✗	✗	✗
RS232 Passthrough	✓	✓	✓
Ethernet Passthrough	✗	✗	✓
CEC Passthrough	✓	✓	✗
ARC	✓	✗	✓
Audio De-embedding	✓	✗	✓
Operating Temperature	-5 to 55°C	-5 to 55°C	-10 to 50°C
Operating Humidity	10% - 90%	10% - 90%	10% - 90%
DC Power Supply	24V, 1.25A	24V, 1.25A	24V, 1.25A
Power Consumption TX, RX	12W	15W, 15W	19W, 19W
Dimensions(mm) TX, RX	140 × 19.5 × 84	110 x 20 x 145	152 x 19 x 84
UHD4K Matrix	✓	✓	✓
CSK Matrix	Yes, on HDMI outs	Yes, on HDMI outs	Yes, on HDMI outs
TMX PRO Matrix	✓	Yes, on HDMI outs	Yes, on HDMI outs

RACK MOUNTS

AVG-RM12
12 Slots | Easy Mount

AVG-RM4
4 Slots | Easy Mount

⬡HDBT® WALLPLATES

The Wallplates features a unique high quality 2-gang decora style HDBaseT wall-Mountable design, solid aluminum housing to ensure ultra-efficient cooling. It supports Auto-switching or button panel control between the inputs and can be used in conjunction with the HD300SR or HD300SR-A and HDWP70-RX as a pair.

The transmitter for HDMI or VGA and Audio inputs, supports HDMI 1.4, IR, and RS232 pass through for transmission up to 70M with PoH function.

The HD550 KIT is a HDBaseT 2.0 extender set, including a 2-gang decora style wall plate AVG-HD550T transmitter and a AVG-HD550R receiver. It transmits HDMI, USB signals up to 100m over Cat 6/6e cable.

HDWP3-USBC

18G 3x1 Wallplate Transmitter Switcher with 2 HDMI and USB-C.

- HDMI2.0 standard, HDMI signal up to 4K@60Hz 4:4:4, USB-C up to 4K@30Hz 4:4:4
- HDCP2.2 and backwards compatible
- Auto input switching, auto detects the inputs
- Transmission up to 40m at 4K@60Hz or 70m at 1080P@60Hz for HDMI & USB-C signals
- Firmware upgrade by Micro-USB port

- RS232 & IR pass-through with HDBaseT connection and local control
- The DISPLAY ON/OFF button can be programmed by IR learning feature or RS232 command
- Support 12~48V PoC
- Provides external 12V DC power supply for other device like WP series Control Panel

HDWP-1T

The HDWP-1T is a 1-gang Decora style HDBaseT wall-mountable transmitter for HDMI and RS232. It can be used in conjunction with the AVG-HD300SR receiver as a pair.

- HDMI signal up to 4K@60Hz 4:2:0 8bit
- HDMI1.4 standard and HDCP 2.2 compliant.
- HDBaseT technology, extend HDMI signal 4K up to 40m and 1080P up to 70m

- 10.2Gbps bandwidth
- RS232 & IR pass-through
- Supports 48V PoH

HD550 KIT

The AVG-HD550 consists of a Wall Plate Transmitter and a receiver which can transmit HDMI, RS232 and USB signals up to 100m using a single CATx cable. The Wallplate features two HDMI inputs and a USB-B port for HID devices such as a Mouse or keyboard.

- HDMI signal up to 4K@60Hz 4:2:0
- HDMI1.4 and HDCP2.2 compliant
- Auto input switching
- HDBaseT technology extends HDMI, USB and RS232 signals up to 100m over CATx cable
- CEC control via the Display Button

- Bi-directional RS232 pass-through with HDBaseT connection and local control
- Ensures display of content protected media and interoperability with other HDCP compliant devices
- 24V PoC, transmitter is powered by the receiver

HDWP70-TXB

The HDWP70-TXB is a 2-gang Decora style HDBaseT wall-mountable transmitter for HDMI or VGA and audio and RS232. It supports Auto-switching or button panel control between the inputs and can be used in conjunction with the receiver AVG-HD300SR as a pair.

- Integrated HDBaseT technology
- Supports 4Kx2K & is 1080p 3D
- HDMI1.4 & HDCP1.4 compliant
- 70m transmission with PoC function
- HDMI or VGA with audio input selectable
- Built in scaling function on VGA

- Auto switching or manual button control between input sources
- LED's for status indication & USB port for firmware updates
- Machined Aluminum enclosure ensures efficient cooling

POWER DISTRIBUTION UNIT

AVG-IP410

AVG-IP410 is a new generation of Power Distribution Units and Remote Power Control systems.

With an embedded web server and HTTPS protection, the AVG-IP410 supports a higher grade of security. Users can control power circuits easily and safely through a web browser on Windows, Android or iOS systems, like Internet Explorer, Google Chrome, Safari web browser.

KEY FEATURES

- 4 port Remote power controller for power On, Off and Reboot
- Web Server built-in, control by web browser in Windows, Android or iOS system like Internet Explorer, Google Chrome and so on
- 4 Button Control: Direct manual hardware control each outlet without using the Web browser
- Supports HTTPS, SSL, TCP/ IP, DHCP, DDNS, SMTP, Telnet, SNMP, Modbus/TCP and BACnet/IP
- SYSLOG: Support Log function & send to assign IP address
- Time Schedule – can pre-set a suitable time to turn power on / off automatically
- High grade components for reliability and performance
- Back Up for quick setup for multiple devices like Time Schedule, Network Settings, etc
- Supports public e-mail — @gmail.com, @yahoo.com, @hotmail.com, etc.
- E-mail Control & Advice:
    » Receive e-mails with IPs device boot up.
    » POP3 Control–Control each outlet ON/OFF via E-mail. No need to do Port Forwarding
- Specific software developed by Aviosys and provided free of charge:
    » SDK Available: HTTP Command
    » CNT software (Cross Network Technology) allows users to eliminate port forwarding on the router, simply Plug & Play.
    » Supports MQTT protocol

AVG-K12 CLASSROOM KIT


AVG-K12 CLASSROOM PACK

K12 education AV solution kit with USB, including one wall plate TX, one RX and one control keypad.

• TX: 1 HDMI and 1 VGA inputs with 1 USB-B, 1 HDBT output (US 2gang)
• RX: 1 HDBT input, 1 HDMI output with 1 USB-A, 2x20W amplifier and MIC mixer
• Control keypad: 4 programmable buttons and one volume control and IR learning
• HDBaseT 2.0 technology, 30m@1920*1200 max
• HDMI1.3, HDCP1.4, In-built USB2.0 extension
• MIC and Line inputs with mixer, stereo line out and 2x20W Amplifier
• PoC , RX powers the TX, TX powers the keypad
• Controllable via buttons, IR, RS232 and TCP/IP (GUI)

APPLICATION
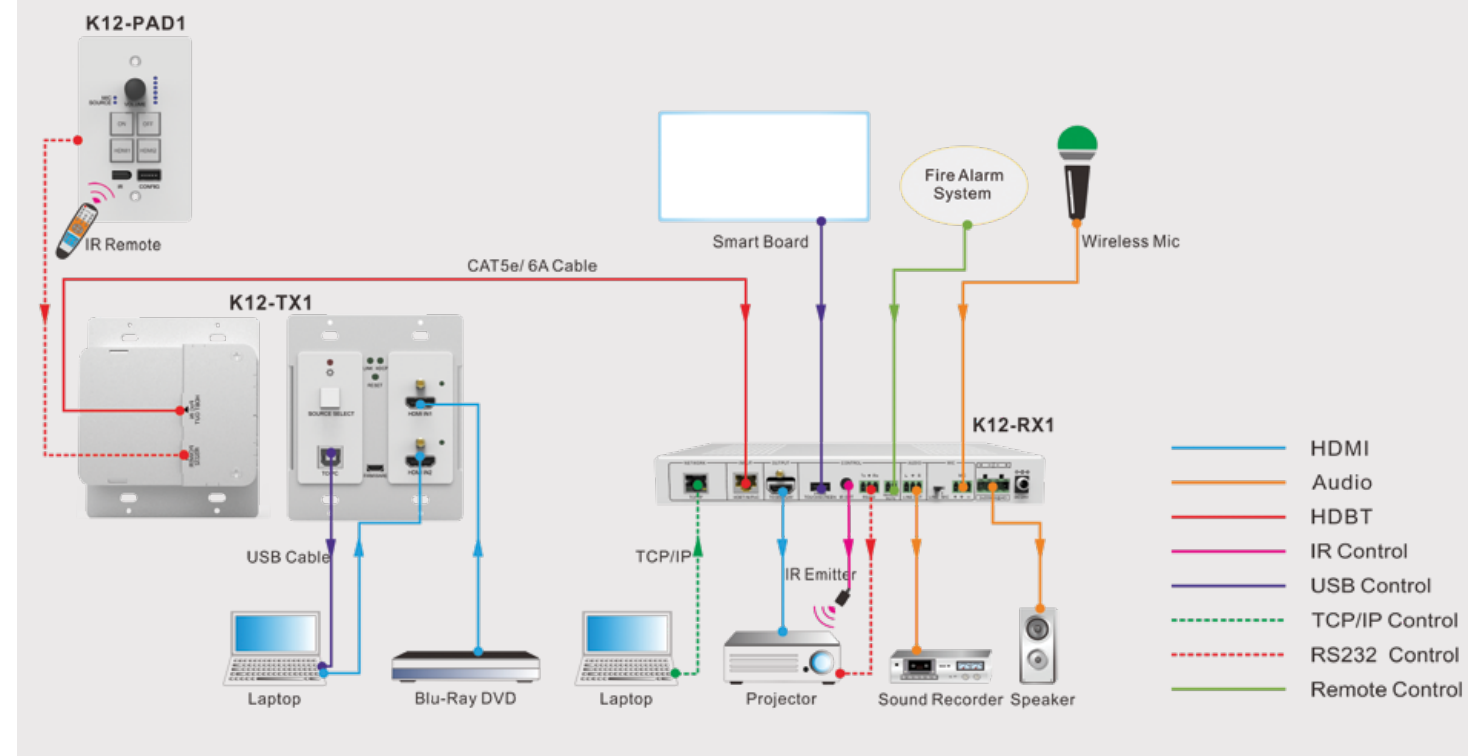
INFRA RED EMITTER & RECEIVER

AVG 12V IR EMITTER
AVG-ACC-IRE-12V

The AVGear 12 volt Infra red emitter is suitable for use with any 12V control system or Infra Red distribution system. The emitter is supplied with a self adhesive backing and is already fitted with a 3.5mm jack.

Dimensions (W×H×D): 15×6×8 mm

AVG 12V IR RECEIVER WITH BLUE STATUS LED
AVG-ACC-IRR-12V

Our new 12V IR Receiver is an exceptional IR receiver features a built in wide angle receiver and a long distance pick up range of 8m in typical conditions. The 12V IR Receiver features a very discreet slimline design that blends seamlessly alongside or on the television frame. The unit also features a blue LED to confirm that a signal is being received. The receiver is supplied with a self adhesive backing and is already fitted with a 3.5mm jack.

Dimensions (W×H×D): 40×8×15 mm

AVG 5V IR EMITTER
AVG-ACC-IRE-5V

The AVGear 5 volt Infra red emitter is suitable for use with any 5V control system or Infra Red distribution system. The emitter is supplied with a self adhesive backing and is already fitted with a 3.5mm jack.

Dimensions (W×H×D): 15×6×8 mm

AVG 5V IR RECEIVER
AVG-ACC-IRR-5V

The AVGear 5 volt IR Receiver is designed to be used with 5volt infra red distribution systems and control systems. It is also suitable for use with any of our 5volt extender sets. The receiver is supplied with a self adhesive backing and is already fitted with a 3.5mm jack.

Dimensions (W×H×D): 29×9×13 mm

AVGEAR SOLUTIONS

Power management Solution, Conference System Codec Solution,
Boardroom Solution, Educational Solution, Commercial & Residential Solution.

The PSU12-MV, power management Solution works with the RM12 and the HDBaseT extenders. It is a power supply manager designed for converting AC to DC power, easy installation eliminating the need for up to 12 power supplies for HDBaseT extenders.

The AVG-SC-91-T is a professional Boardroom Solution. It is an all in one presentation scaler switcher, with 9 inputs (includes one HDBaseT) and 2 mirrored outputs, integrating with the latest scaler technology, HDBaseT, Mic mixer, amplifier and control. It will work with HD300ST, HDWP70TX-B Transmitters, and HD300SR, HD300SR-A, HD310SR receivers.

The AVG-K12 is an Educational Solution classroom pack. The Kit consists of a wall plate HDBaseT transmitter and a HDBaseT receiver and a control panel, it is designed for classrooms, training rooms and presentation rooms.

The AVGEAR Flexible Matrix range and Flexible matrix cards are a true modular design featuring ultra 4K seamless cross point switching across signal cards. Great flexibility is provided to combine any size of matrix, based on the job required. This is great advancement from traditional fixed inputs and output matrix. This is an exceptional great Commercial & Residential Solution.

PSU12-MV

AC to DC power manager with 12 zones, each zone with 5v, 12v and 24v output.

• UL certification approved
• 2 100~240V AC inputs, one is for redundancy
• 12 output zones, each zone provides selectable 5V, 12V, 24V DC output
• Max power consumption is 15 Watts per zone, 12 zones max up to 180W
• Output voltage (5/12/24VDC) can be selected via the TACT Switch on rear panel, RS232 or GUI
• Each zone can be switched on/off via front panel buttons, RS232 or GUI
• Adopt sequential control technology
• Supports online software upgrading

SIMPLIFY YOUR INSTALLATION!

Power Manager
PSU12-MV

HDBase T: ——————   Power: ——————

1 2
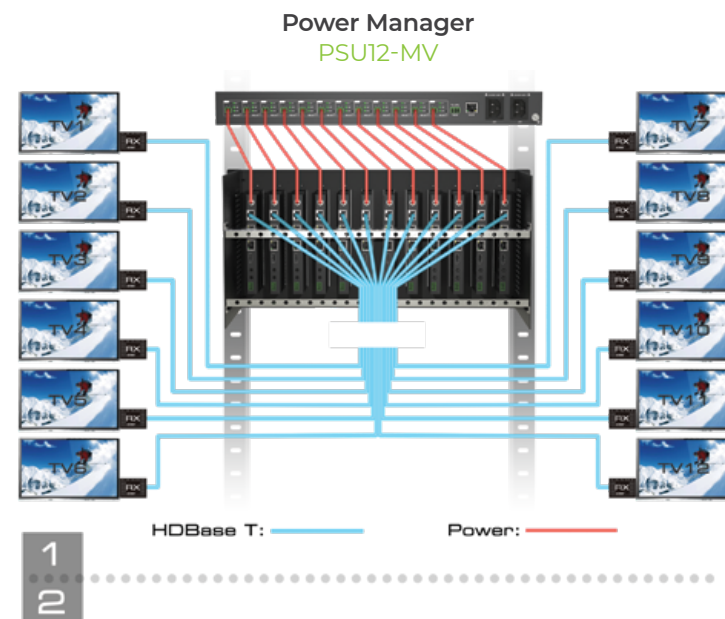
INSTALLATION KIT

POWER MANAGER

PSU12-MV

Output voltage 5V. 12V or 24V | Redundant Power | GUI Control | UL Certified

POWER DISTRIBUTION UNIT
AVG-IP410

AVG-IP410 is a new generation of Power Distribution Units and Remote Power Control systems.

With an embedded web server and HTTPS protection, the AVG-IP410 supports a higher grade of security. Users can control power circuits easily and safely through a web browser on Windows, Android or iOS systems, like Internet Explorer, Google Chrome, Safari web browser.

KEY FEATURES

• 4 port Remote power controller for power On, Off and Reboot
• Web Server built-in, control by web browser in Windows, Android or iOS system like Internet Explorer, Google Chrome and so on
• 4 Button Control: Direct manual hardware control each outlet without using the Web browser
• Supports HTTPS, SSL, TCP/ IP, DHCP, DDNS, SMTP, Telnet, SNMP, Modbus/TCP and BACnet/IP
• SYSLOG: Support Log function & send to assign IP address
• Time Schedule – can pre-set a suitable time to turn power on / off automatically
• High grade components for reliability and performance
• Back Up for quick setup for multiple devices like Time Schedule, Network Settings, etc
• Supports public e-mail — @gmail.com, @yahoo.com, @hotmail.com, etc.
• E-mail Control & Advice:
    » Receive e-mails with IPs device boot up.
    » POP3 Control–Control each outlet ON/OFF via E-mail. No need to do Port Forwarding
• Specific software developed by Aviosys and provided free of charge:
    » SDK Available: HTTP Command
    » CNT software (Cross Network Technology) allows users to eliminate port forwarding on the router, simply Plug & Play.
    » Supports MQTT protocol

CHRISTIE®

PROJECTION PRODUCTS

3LCD
CHRISTIE APS SERIES – WUXGA (1920×1200) – LASER

- Christie® LWU530-APS, 5300 ISO lumens
- Christie LWU650-APS, 6500 ISO lumens
- Available in white only
- High-quality image performance
- Long-life laser light source – up to 20,000 hours
- Low-profi le, lightweight and quiet design

- On-board speaker
- Omnidirectional
- Flexible connectivity including HDBaseT, AMX and Crestron compatibility
- 5 year/10,000 hour warranty, whichever occurs first
- Christie ScholarTech applicable

3LCD
CHRISTIE DS SERIES – WUXGA (1920×1200) AND HD (1920×1080) – LASER

- Christie LWU755-DS, 7550 ISO lumens
- Christie LWU900-DS, 9000 ISO lumens
- Christie LHD878-DS, 8775 ISO lumens
- Available in black only, except for LWU755-DS, also available in white
- Long-life laser light source – up to 20,000 hours
- Low-profi le, lightweight and quiet design
- Built-in edge blending and warping with colour adjustment

- Omnidirectional
- Full lens suite – seven lenses to choose from including UST
- Flexible connectivity including HDBaseT, AMX and Crestron compatibility
- HDMI loop-through
- Accepts 4K@60Hz signal input
- 5 year/15,000 hour warranty, whichever occurs fi rst
- Christie ScholarTech applicable

1DLP
CHRISTIE CAPTIVA SERIES – HD (1920×1080) – LASER

- Captiva DHD410S, 4100 ISO lumens
- Available in black or white
- 0.25:1 ultra short throw laser projector
- Compact, ultra light, quiet and bright
- Standard HD aspect ratio
- Long-Life light source – 20,000 hours to 50% brightness

- Optional Captiva Touch IR interactivity
- Reliable, easy to use and economical
- Multiple orientation options and 3D formats

CHRISTIE GS SERIES
WUXGA (1920×1200) & HD (1920×1080) – LASER

- Christie® DWU630-GS, 6750 ISO lumens (Black or white)
- Christie DHD630-GS, 6125 ISO lumens (White only)
- Christie DWU635-GS, 6750 ISO lumens (White only)
- Christie DHD635-GS, 6125 ISO lumens (White only)
- Built-in warp, blending and colour matching
- Laser light source up to 10,875 ISO lumens of light output
- Christie® RealBlack™ technology produces a 4,000,000:1 full on/o contrast ratio
- Compatible with all GS Series lenses

- Noise rating of 36dBA
- 24/7 operation
- Full suite of lenses
- Christie BoldColour Technology (850 and 1075 models only)
- Christie DWU850-GS, 8400 ISO lumens (Black or white)
- Christie DHD850-GS, 7750 ISO lumens (Black or white)
- Christie DWU1075-GS, 10,875 ISO lumens (Black only)
- Christie DHD1075-GS, 10,000 ISO lumens (Black only)

CHRISTIE VELVET CORE SERIES

- Christie® LED012-C-I, LED015-C-I, LED018-C-I, LED025-C-I
- Pixel pitches: 1.2mm, 1.5mm, 1.8mm, 2.5mm
- Seamless, modular tiles, scalable, easy assembly
- High reliability and energy e cient
- Long-life, maintenance-free operation, tested and proven compliant
- True 24/7 operation
- Solid-state design, 16:9 aspect ratio can be combined for native HD and UHD resolutions
- 4K@60Hz resolution
- Brightness of 600 nits (cd/m²)

- LED lifespan 100,000 hours to half brightness
- Die-cast aluminum cabinet
- On-board power
- Install and service completely from front; ADA compliant with included direct mount system
- Compatible with both the E500 and E600 wall controllers for simple cable-less system design
- E600 controller o ers enhanced processing that can deliver 4K at 60Hz, HDR10 and low brightness enhancements
- Three years parts and labor limited warranty, extendable to 5 years

INDOOR LCD PANELS FOR VIDEO WALLS

ULTRA SERIES FHD (1920×1080) AND UHD (3840×2160)

- Christie UHD654-X 65" LCD panel
- Commercial-grade LCD display technology
- Ultra-narrow bezel 3.7mm combined
- Installed depth of less than 4" with optional 6-axis Christie ML20 mount that complies with US ADA regulations
- Advanced panel matching and built-in video wall scaling
- Smart Light Control for uniformity and consistency
- Active panel health and alert monitoring
- Designed for 24/7 operation

- Direct LED backlight
- Remote power for increased redundancy, serviceability and installation fl exibility
- 4K UHD resolution and native support
- 4000:1 full fi eld contrast
- 700 nits (cd/m²) maximum
- Landscape or portrait capable
- Open Pluggable Specifi cation (OPS) slot accommodates Phoenix EP for powerful control room solution
- Integrated Christie Terra for high-performance signal processing

FHD553-X

- Christie FHD553-X 55" LCD panel
- Commercial-grade LCD display technology
- Ultra-narrow bezel 3.7mm combined
- Installed depth of less than 4" with optional 6-axis Christie ML20 mount that complies with US ADA regulations
- Advanced panel matching and built-in video wall scaling
- Active panel health and alert monitoring

- Designed for 24/7 operation
- Direct LED backlight
- Native 4K support
- Edge-to-edge uniformity compensation
- 4000:1 full fi eld contrast
- 500 nits (cd/m2) maximum
- Landscape or portrait capable
- Open Pluggable Specifi cation (OPS) slot

EXTREME SERIES (1920×1080)

- Christie FHD553-XE, FHD553-XE-H, FHD553-XE-R and FHD553-XE-HR 55" LCD panels, FHD493-XE 49" LCD panel
- Extreme-narrow bezel 1.7mm combined (1.8mm combined for 49")
- Installed depth of less than 4" with optional 6-axis Christie ML20 mount that complies with US ADA regulations
- Advanced panel matching and built-in video wall scaling
- Smart Light Control for uniformity and consistency (55" models only)

- Active panel health and alert monitoring
- Designed for 24/7 operation
- Direct LED backlight
- On-board power; remote and redundant power option available
- Native 4K support
- Edge-to-edge uniformity compensation
- 4000:1 full fi eld contrast
- Brightness options include 500 or 700 nits (cd/m2) typical (55" models only)
- Landscape or portrait capable
- Open Pluggable Specifi cation (OPS) slot

MEET OSD
BLACK

BLACK by Optimal Speaker Design is a range of premium quality flush-mount loudspeakers designed to serve discriminating homeowners and A/V integrators who demand the ultimate in aesthetic style and audio performance. BLACK products includes unique features and technologies that make them better looking, easier to install and more durable, while delivering lifelike sound quality more typically found in free-standing audiophile grade speakers.

There are BLACK models to fit every distributed audio and home theater application and space, offered in three performance levels: Acoustic, Performance and Reference. BLACK products are sold only through custom installation Audio Video specialist dealers in order to ensure proper system design, installation and total customer satisfaction.

THE OPTIMAL SPEAKER DESIGN HERITAGE

Businessman and lifelong audiophile Dave Chai, who was inspired to start a new audio company after he was frustrated in his search for high performance outdoor and built-in loudspeakers, formed OSD in 2003. Dave knew that by leveraging his close relationships with experienced audio engineering, product design and manufacturing resources he could bring better sounding, higher value audio products to the custom installation channel. The exceptional performance of BLACK products combined with Dave's dedication to real- time, person-to-person, expert technical support is a winning formula perfect for these times of change. BLACK SERIES is the ultimate expression of Dave's vision and dedication to better quality audio for all.

CEILING SPEAKERS: ACOUSTIC

BLACK ACOUSTIC SERIES IN-CEILING SPEAKERS

OSD BLACK Acoustic Series in-ceiling speakers offer elevated sound at a ground-level price and are designed for A/V integrators who want to give customers an immersive sound experience that stays within budget. Available in 5.25", 6.5" and 8" sizes, OSD BLACK Acoustic in-wall ceiling speakers include components that stand up to the test such as rigid polypropylene woofers for deep, rich bass and silk dome tweeters that fill in the critical high notes. Other high-end features include butyl rubber surrounds, not foam, which gives these in-ceiling speakers more excursion capability and allows for deeper bass with wider frequency response. Whether you're planning a whole house audio system or a full-blown home theater, you'll appreciate the sound and sleek appearance of these heavy hitters, and our team works closely with specialty integrators to make sure your audio experience is everything you expected and more.

R81
CEILING SPEAKER – ACOUSTIC
- Woofer: 8" Poly W/ Rubber Surround
- Tweeter: ½" Pivoting Silk Soft Dome
- Freq Response: 50Hz-22k
- Power Handling: 120 Watts
- Sensitivity: 91 dB
- Impedance: 8 Ohm
- Dimensions : 279.4 × 110 mm

R61
CEILING SPEAKER – ACOUSTIC
- Woofer: 6.5" Poly W/ Rubber Surround
- Tweeter: ½" Pivoting Silk Soft Dome
- Freq Response: 55Hz-20k
- Power Handling: 100 Watts
- Sensitivity: 86 dB
- Impedance: 8 Ohm
- Dimensions: 236.2 × 99.8 mm

R51
CEILING SPEAKER – ACOUSTIC
- Woofer: 5.25" Poly W/ Rubber Surround
- Tweeter: ½" Pivoting Silk Soft Dome
- Freq Response: 65Hz-20k
- Power Handling: 100 Watts
- Sensitivity: 87 dB
- Impedance: 8 Ohm
- Dimensions: 208.3 × 96.8 mm

CEILING SPEAKERS: REFERENCE

BLACK REFERENCE SERIES IN-CEILING SPEAKERS

OSD BLACK Reference Series is our highest level of in-ceiling speaker designed for audiophiles who hear subtle acoustic nuances the way others do not. Available in 5.25", 6.5", 8" and 10" sizes with super-slim, shallow-mount grilles, our Reference series includes ultra-high-end speaker materials and a unique blend of components that deliver sound that goes above and beyond comparable in-ceiling brands. Graphite mineral-filled cone woofers deliver full and enriching bass tones while environmentally-resistant TPR surrounds, a hybrid of butyl rubber,

give the subwoofers enough flexibility to expand and contract to reach the lowest bass and the richest mid frequencies. BLACK Reference also includes ceramic coated aluminum dome tweeters that exhibit high stiffness, low mass and excellent environmental stability for distortion-free sound on the high end while contour switches allow you to precisely tailor the sound. This, combined with a step-up crossover that routes frequencies with laser precision, makes our BLACK Reference series a sought-after brand trusted by the world's top-rated A/V integrators.

R83
CEILING SPEAKER – REFERENCE
- Woofer: 8" Carbon Fiber W/ TPR Surround
- Tweeter: 1" Pivoting Ceramic Coated Aluminum Dome
- Freq Response: 28Hz-22k
- Power Handling: 175 Watts
- Sensitivity: 91 dB
- Impedance: 8 Ohm
- Dimensions: 279.4 × 110 mm

R83A
ANGLED CEILING SPEAKER – REFERENCE
- Woofer: 8" Graphite W/ Rubber Surround
- Tweeter: 1" Pivoting Ceramic Coated Aluminum Dome
- Freq Response: 28Hz-22k
- Power Handling: 175 Watts
- Sensitivity: 91 dB
- Impedance: 8 Ohm
- Dimensions: 279.4 × 137.2 mm

R83DT
STEREO CEILING SPEAKER – REFERENCE
- Woofer: 8" Carbon Fiber W/ TPR Surround
- Tweeter: Dual ¾" Ceramic Coated Aluminum Dome
- Freq Response: 40Hz-20k
- Power Handling: 150 Watts
- Sensitivity: 86 dB
- Impedance: 8 Ohm
- Dimensions: 279.4 × 110 mm

R63
CEILING SPEAKER – REFERENCE
- Woofer: 6.5" Carbon Fiber W/ TPR Surround
- Tweeter: 1" Pivoting Ceramic Coated Aluminum Dome
- Freq Response: 38Hz-20k
- Power Handling: 150 Watts
- Sensitivity: 89 dB
- Impedance: 8 Ohm
- Dimensions: 236.2 × 99.8 mm

R63A
ANGLED CEILING SPEAKER – REFERENCE
- Woofer: 6.5" Carbon Fiber W/ TPR Surround
- Tweeter: 1" Pivoting Ceramic Coated Aluminum Dome
- Freq Response: 38Hz-20k
- Power Handling: 150 Watts
- Sensitivity: 89 dB
- Impedance: 8 Ohm
- Dimensions: 248.9 × 120 mm

R53
CEILING SPEAKER – REFERENCE
- Woofer: 5.25" Carbon Fiber W/ TPR Surround
- Tweeter: 1" Pivoting Ceramic Coated Aluminum Dome
- Freq Response: 50Hz-20k
- Power Handling: 100 Watts
- Sensitivity: 87 dB
- Impedance: 8 Ohm
- Dimensions: 208.3 × 96.8 mm

CEILING SPEAKERS: PERFORMANCE

BLACK PERFORMANCE SERIES IN-CEILING SPEAKERS

OSD BLACK Performance Series in-ceiling speakers deliver extraordinary sound quality in a flush-mount design that stealthily blends into any décor. Available 5.25", 6.5" and 8" sizes with super-slim, shallow-mount grilles, our Performance series in-ceiling speakers include a unique blend of components such as graphite mineral-filled cone woofers that provide better dampening and added rigidity and control over bass and mid-range sound. Parachute silk soft dome tweeters offer a precise but gentle sound to high notes such as stringed instruments, while contour switches allow you to tailor high frequency settings to your exact taste. BLACK Performance in-ceiling speakers also include advanced crossovers networks that act as an audio traffic cop to direct frequencies to the right speakers so you hear high, mid and low range with emotion-evoking detail. Our Performance Series is preferred by A/V integrators for these reasons alone, but they also appreciate the BLACK's flange-free Perfect Edge™ magnetic grilles that minimise the visible footprint of the speaker for a clean, elegant and unobtrusive appearance.

CONSTRUCTION BRACKETS AND SQUARE GRILLES
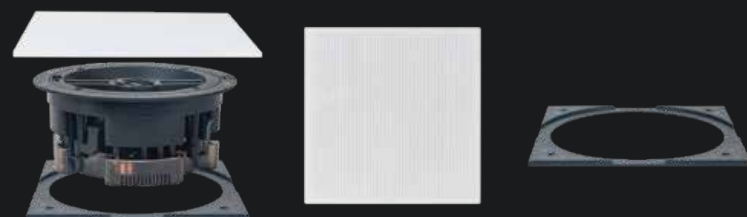
R82
CEILING SPEAKER – PERFORMANCE
- Woofer: 8" Graphite W/ Rubber Surround
- Tweeter: 1" Pivoting CatEye Parachute Silk Soft Dome
- Freq Response: 38Hz-20k
- Power Handling: 150 Watts
- Sensitivity: 88 dB
- Impedance: 8 Ohm
- Dimensions: 279.4 × 110 mm

R82DT
STEREO CEILING SPEAKER – PERFORMANCE
- Woofer: 8" Graphite W/ Rubber Surround
- Tweeter: Dual ¾" CatEye Parachute Silk Soft Dome
- Freq Response: 45Hz-20k
- Power Handling: 150 Watts
- Sensitivity: 87 dB
- Impedance: 8 Ohm
- Dimensions: 279.4 × 110 mm

R62
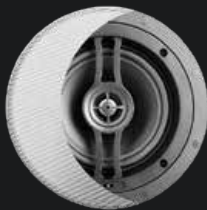#### CEILING SPEAKER – PERFORMANCE
- Woofer: 6.5" Graphite W/ Rubber Surround
- Tweeter: 1" Pivoting CatEye Parachute Silk Soft Dome
- Freq Response: 40Hz-20k
- Power Handling: 120 Watts
- Sensitivity: 87 dB
- Impedance: 8 Ohm
- Dimensions: 236.2 × 99.8 mm

R62DT
STEREO CEILING SPEAKER – PERFORMANCE
- Woofer: 6.5" DVC Poly W/ Rubber Surround
- Tweeter: Dual ¾" CatEye Parachute Silk Soft Dome
- Freq Response: 40Hz-20k
- Power Handling: 120 Watts
- Sensitivity: 88 dB
- Impedance: 8 Ohm
- Dimensions: 236.2 × 99.8 mm

R52
CEILING SPEAKER – PERFORMANCE
- Woofer: 5.25" Graphite W/ Rubber Surround
- Tweeter: 1" Pivoting CatEye Parachute Silk Soft Dome
- Freq Response: 55Hz-20k
- Power Handling: 90 Watts
- Sensitivity: 85 dB
- Impedance: 8 Ohm
- Dimensions: 208.3 × 96.8 mm

SUPER SHALLOW

Designed and engineered for tight spaces without sacrificing sound quality. Our Shallow Mount Speakers are equipped with PERFORMANCE level components and are available in 8 & 6 inch models. With only a 2.12"/ 54mm mounting depth for the R62SS and 2.75"/ 70mm for the R82SM & R62SM, these feature rich speakers are sure to become the new "go to" in a tight spot.

R82SM
SLIM MOUNT CEILING SPEAKER – PERFORMANCE

- Woofer: 8" PP Cone
- Tweeter: 1" PEI
- Freq Response: 70Hz-20k
- Power Handling: 100Watts
- Sensitivity: 88 dB
- Impedance: 8 Ohm
- Dimensions: 266.2 × 69.9 mm
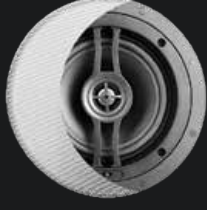
R62SM
SHALLOW MOUNT CEILING SPEAKER – PERFORMANCE

- Woofer: 6.5" PP Cone
- Tweeter: 1" PEI Dome
- Freq Response: 75Hz-22k
- Power Handling: 60 Watts
- Sensitivity: 86 dB
- Impedance: 8 Ohm
- Dimensions: 236.2 × 69.9 mm

WEATHER RESISTANT
Our shallow mount speakers are also weather resistant making them ultra versatile. They are perfect for outdoor patios, indoor pool/spa, bathrooms, commercial and nearly any other traditional or special speaker application.

R62SS
SUPER SLIM CEILING SPEAKER – PERFORMANCE

- Woofer: 6.5" Composite Glass
- Tweeter: 1" PEI Dome
- Freq Response: 55Hz-22k
- Power Handling: 100 Watts
- Sensitivity: 88 dB
- Impedance: 8 Ohm
- Dimensions: 236.2 × 53.9 mm

IN-WALL SPEAKERS

T82
IN-WALL SPEAKER – REFERENCE

- Woofer: 8" 2-Way Graphite Cone w/Butyl Rubber Surround
- Tweeter: 1" Parachute Silk Dome Pivoting w/12dB Crossover and Contour Switch
- Freq Response: 38Hz - 22kHz
- Power: 150 Watts
- Sensitivity: 88 dB
- Impedance: 8 Ohm
- Dimensions (H×W×D): 366 × 264 × 97 mm

T63
IN-WALL SPEAKER – REFERENCE

- Woofer: 6.5" Carbon Fiber W/ TPR
- Surround
- Tweeter: 1" Pivoting Ceramic Coated
- Aluminum Dome
- Freq Response: 38Hz-20k
- Power Handling: 150 Watts
- Sensitivity: 89 dB
- Impedance: 8 Ohm
- Dimensions (H×W×D): 315 × 229 × 92 mm

T53LCR
IN-WALL SPEAKER – REFERENCE

- Woofer: Dual 5.25" Carbon Fiber W/ TPR
- Surround
- Tweeter: 1" Pivoting Ceramic Coated
- Aluminum Dome
- Freq Response: 38Hz-22k
- Power Handling: 150 Watts
- Sensitivity: 91 dB
- Impedance: 8 Ohm
- Dimensions (H×W×D): 404 × 208 × 80 mm

T62
CEILING SPEAKER – PERFORMANCE

- Woofer: 6.5" Graphite W/ Rubber
- Surround
- Tweeter: 1" Pivoting CatEye Parachute
- Silk Soft Dome
- Freq Response: 55Hz-22k
- Power Handling: 120 Watts
- Sensitivity: 87 dB
- Impedance: 8 Ohm
- Dimensions (H×W×D): 315 × 229 × 92 mm

T81
IN-WALL SPEAKER – ACOUSTIC

- Woofer: 8" Poly W/ Rubber Surround
- Tweeter: ½" Pivoting Silk Soft Dome
- Freq Response: 50Hz-20k
- Power Handling: 120 Watts
- Sensitivity: 88 dB
- Impedance: 8 Ohm
- Dimensions (H×W×D): 366 × 264 × 97 mm

T61
IN-WALL SPEAKER – ACOUSTIC

- Woofer: 6.5" Poly W/ Rubber Surround
- Tweeter: ½" Pivoting Silk Soft Dome
- Freq Response: 65Hz-20k
- Power Handling: 100 Watts
- Sensitivity: 89 dB
- Impedance: 8 Ohm
- Dimensions (H×W×D): 315 × 229 × 92 mm

T-SERIES LCR

T64LCR
T-SERIES
- Power Handling: 80W
- Woofer: Dual 6.5" Graphite Cone Drivers
- TPR Surrounds
- Midrange: One 4" Paper Cone Driver
- Tweeter: One 1" Ceramic Coated Aluminum
- Cloth Magnetic Grille
- Sensitivity: 89 dB 1w/1m
- Frequency Response: 100Hz – 20kHz
- Impedance: 8 Ohm
- Dimensions (H×W×D): 750 × 325 × 105 mm

T65LCR
T-SERIES
- Power Handling: 100W
- Woofer: Dual 6.5" Carbon Fiber Cone Drivers
- TPR Surrounds
- Midrange: One 4" Paper Cone Driver
- Tweeter: One 1" Titanium Dome
- Cloth Magnetic Grille
- Sensitivity: 90 dB 1w/1m
- Frequency Response: 100Hz – 20kHz
- Impedance: 8 Ohm
- Dimensions (H×W×D): 750 × 325 × 105 mm

T68LCR
T-SERIES
- Power Handling: 160W
- Woofer: Triple 6.5" Graphite Cone Drivers
- Midrange: 6.5" Graphite Cone Driver
- TPR Surrounds
- Tweeter: 1" Ceramic Coated Aluminum
- Cloth Magnetic Grille
- Sensitivity: 89 dB 1W/1M
- Frequency Response: 100Hz-20kHz
- Impedance: 8 Ohm
- Dimensions (H×W×D): 1107 × 325 × 105 mm

T69LCR
T-SERIES
- Power Handling: 200W
- Woofer: Triple 6.5" Carbon Fiber Cone Drivers
- Midrange: 6.5" Carbon Fiber Cone Driver
- TPR Surrounds
- Tweeter: 1" Titanium Dome
- Cloth Magnetic Grille
- Sensitivity: 91 dB 1W/1M
- Frequency Response: 100Hz-20kHz
- Impedance: 8 Ohm
- Dimensions (H×W×D): 1107 × 325 × 105 mm

SUBWOOFERS

> "OSD Black Trevoce 12"
> Sub oozes with value"
> – Robert Archer, CEPro

SC800D
BLACK SERIES 300W 8" IN-WALL SUBWOOFER
- Custom IN-Wall Subwoofer
- Power Handling: 300W
- Woofer: 8" 8 Ohm
- Passive Radiator: 10"
- Tuned Enclosure
- Frequency Response: 40Hz - 500Hz
- Overall Dimensions (H×W×D): 559 × 445 × 110 mm
- Cut Out Dimensions (H×W): 508 × 368 mm
- Mounting Depth: 100mm

SUBWOOFERS

TREVOCE12
BLACK SERIES TRIPLE-12" DYNAMIC POWERED SUBWOOFER WITH 800W OF POWER
- Speaker Type: 12" Free-Standing Active Subwoofer
- Active Woofer: 12"
- Passive Woofer: Dual 12"
- Frequency Response: 20Hz-160Hz
- Power Handling: 800W
- Impedance: 4 Ohms
- Phase 0-180°
- Voltage 100-120V AC / 220-240V
- Inputs Hi Level / Low Level
- Dimensions (H×W×D): 407 × 391 × 381 mm

TREVOCE10
BLACK SERIES TRIPLE-10" DYNAMIC POWERED SUBWOOFER WITH 500W OF POWER
- Speaker Type: 10" Free-Standing Front Firing Subwoofer
- Active Woofer 10"
- Passive Dual: 10"
- Frequency Response: 20Hz-160H
- Power Handling: 500W
- Impedance: 4 Ohms
- Phase 0-180°
- Voltage 100-120V AC / 220-240V
- Inputs Hi Level / Low Level
- Dimensions (H×W×D): 371 × 371 × 330 mm

TREVOCE8
BLACK SERIES TRIPLE 8" DYNAMIC POWERED 300W SUBWOOFER W/ WIRELESS DSP CONTROL AND 24K GOLD-PLATED INPUTS - BK-TREVOCE8
- Speaker Type: 8" Free-Standing Active Subwoofer
- Active Woofer: Single 8"
- Passive Woofer: Dual 8" Passive Radiators
- Frequency Response: 20Hz-160Hz
- Power Handling: 300W
- Impedance: 4 Ohms
- Phase 0-180°
- Voltage 100-120V AC / 220-240V
- Inputs Hi Level / Low Level
- Dimensions (H×W×D) 305 × 333 × 305 mm
- Wireless Control of DSP w/ iWoofer App

BMA6012P
BLACK SERIES 60W 12 CHANNEL 70V/100V/4 OR 8 OHM POWER AMPLIFIER WITH IR REMOTE
- Continuous Output Power: 30W per channel 8ohms at 1k Hz THD 0.1%
- 50W per channel 4ohms at 1k Hz THD 0.1%
- 100W Bridged 8ohms at 1k Hz THD 0.1%
- 30W per channel 70V/100V at 1k Hz THD 0.1%
- 85% Class D technology
- Global Audio Balanced Input Impedance: 600Ohms
- Line Input Impedance: 47 k-Ohms
- Rack mounting requirements: 115VAC 60 Hz 10A/ 230VAC 50Hz 5A
- Dimensions: 88 × 430 × 416 mm
- Weight: 21.95kg

AIRBASS
BLACK SERIES WIRELESS SUBWOOFER TRANSMITTER/ RECEIVER KIT
- 2.4GHz digital wireless link provides crystal clear audio.
- 34-channel selection
- Up to 100ft (30.5m) operation distance between transmitter and receiver (line of sight).
- Audio Output Level: 2V
- Frequency Response: 20-200Hz
- Audio Distortion: <1%

www.avation.com.au
108
109
www.avation.com.au

AESTHETICS

You would never notice an installed OSD loudspeaker, that is until you hear it.

All architectural speakers feature ample Neodymium Magnets. The grills are low profile rust resistant white powder coated (paintable) Steel.

Magnetic edgeless installation, you would hardly know its there until its evoked emotion within you.

PERFECT EDGE™

BLACK in-wall and in-ceiling speakers perform a near miraculous disappearing act. Rather than a wide flange found on most built in speakers, BLACK speakers feature flange-free Perfect Edge™ magnetic grilles that minimise the visible footprint of the speaker for a clean, elegant and obtrusive appearance

---

PATIO SPEAKER

Round out your whole house system with great outdoor sound from OSD's Black Series. The P-83 is a powerful outdoor speaker that delivers full-range audio in an all-weather design so you can enjoy high fidelity sound out on the patio, deck or backyard. This durable outdoor patio speaker is rated at 150W with plenty of power to spare to crank up the tunes without distortion at high volumes. Designed for outdoor conditions with weather-resistant components, sturdy ABS polymer enclosure and rust-resistant grille, the P-83 serves up rich and fulfilling bass with an 8" injected polypropylene woofer as well as crisp highs with a 1" titanium dome tweeter. Frequency response ranges from 40Hz - 20kH, so you'll experience a full-range of accurate sound that will truly enhance the listening enjoyment at your next party or BBQ. The P83 is easy to install and is ideal for patios and decks up to 800 square feet. For the best protection, we recommend installing these speakers in a covered area such as beneath eaves and overhangs.

P83
BLACK SERIES 8" P83 OUTDOOR PATIO SPEAKER PAIR 70V/8OHM (BLACK)

- All-weather enclosure resists harsh weather conditions
- 8" injected polypropylene woofer for powerful low and mid frequencies
- 1" titanium dome tweeter for crisp and smooth high notes
- Includes 70V selector for commercial applications
- Rust-resistant aluminum grille
- Includes mounting hardware
- Paintable enclosure

P83W
BLACK SERIES 8" P83 OUTDOOR PATIO SPEAKER PAIR 70V/8OHM (WHITE)

- All-weather enclosure resists harsh weather conditions
- 8" injected polypropylene woofer for powerful low and mid frequencies
- 1" titanium dome tweeter for crisp and smooth high notes
- Includes 70V selector for commercial applications
- Rust-resistant aluminum grille
- Includes mounting hardware
- Paintable enclosure

OSD BLACK STREAMING

For customers ready to expand their whole-house audio system and enjoy wireless music streaming services, but who don't want to compromise sound quality, our SRT models are a simple way to get it done. Connect to any existing home theater AV receivers or Hi-Fi systems and delivers 24-bit audiophile-level sound.

BK-SRT4
BLACK SERIES 4-ZONE WI-FI SMART MEDIA SERVER FOR COMMERCIAL AND RESIDENTIAL SETTINGS WITH USB, LAN, WPS, RS245 AND LINE IN

The SRT4 is a 4-zone Multimedia Audio Streaming Server that has you covered for both commercial and residential clients who want to stream and control audio in homes, restaurants, offices, gyms, or retail spaces without making the penny pinchers flinch. This feature-rich wireless streaming pre-amplifier connects and delivers 24-bit audiophile-level sound quality from a music library, Spotify, Napster, iTunes or iHeartRadio and can be used with Alexa to play other music sources or internet radio—all easily controlled with the free OSD Play App for smartphones or tablets.

Technical Specifications

• HiFi 4-Zone Streaming Media Server
• App Control
• DAC: Cirrus Logic CS8406 24 Bit/192kHz DAC
• Wi-Fi Frequency: 2.4 GHz
• Inputs: Wi-Fi®, LAN, RCA, Optical
• Outputs: RCA, Optical
• Rack Mountable: 1U Rack Space Style / Mounts Included
• Dimensions (L×H×D): 432 × 45 × 150 mm
• Weight: 4 lbs
• Warranty: 2 Years

BK-SRT1
BLACK SERIES ADVANCED WI-FI PREAMP STREAMING MODULE WITH BLUETOOTH®, TF CARD, LAN, WPS, RS232 AND LINE IN –

HiFi DAC Music Streaming Module

• App Control; OSD Player App
• DAC: Cirrus Logic CS8406 24 Bit/192kHz DAC
• Wi-Fi Frequency: 2.4 GHz
• Bluetooth Version: 4.2 V/ aptX™
• Inputs: Wi-Fi®, Bluetooth®, LAN, TF Card, 3.5mm
• Outputs: 3.5mm Jack, Optical
• Remote Control; Yes
• Dimensions (L×H×D): 114 × 30 × 114 mm
• Weight: Under 1 Pound
• Warranty: 2 Years

S-85
BLACK SERIES 8" DUAL WOOFER, RIBBON TWEETER SPEAKER (SINGLE)

• 8" On-Wall Speaker
• Woofer: Dual 8" Long Wood Fiber Inter-thread
• Double Compressed Cone
• Midrange: 6.5" Long Wood Fiber
• Tweeter: AMT Ribbon Tweeter
• X-Over: 12db Second Order at 2500hz
• Cabinet: Front Inverted With High Transparent Grille
• Gold Plated Speaker Terminals
• Power Handling: 300W
• Sensitivity: 94dB 1w/1m
• Max SPL: 102dB
• Freq Response: 36Hz - 30kHz
• Impedance: 4 ohms

S-84
BLACK SERIES 8" SINGLE WOOFER, RIBBON TWEETER SPEAKER (SINGLE)

• 8" On-Wall Speaker
• Woofer: 8" Long Wood Fiber Inter-thread
• Double Compressed Cone
• Tweeter: AMT Ribbon Tweeter
• X-Over: 12db Second Order at 2400hz
• Cabinet: Front Inverted With High Transparent Grille
• Gold Plated Speaker Terminals
• Power Handling: 250W
• Sensitivity: 93dB 1w/1m
• Max SPL: 100dB
• Freq Response: 40Hz - 30kHz
• Impedance: 4 ohms

S-82
BLACK SERIES 8" DUAL WOOFER, TRIPLE TWEETER SPEAKER (SINGLE)

• 8" On-Wall Speaker
• Woofer: Dual 8" Long Wood Fiber Inter-thread
• Double Compressed Cone
• Tweeter: Double Array Silk Dome
• X-Over: 12db Second Order at 2500hz
• Cabinet: Front Inverted With High Transparent Grille
• Gold Plated Speaker Terminals
• Power Handling: 300W
• Sensitivity: 94dB 1w/1m
• Max SPL: 102dB
• Freq Response: 38Hz - 30kHz
• Impedance: 4 ohms

S-81
BLACK SERIES 8" SINGLE WOOFER, TRIPLE TWEETER SPEAKER (SINGLE)

• 8" On-Wall Speaker
• Woofer: 8" Long Wood Fiber Inter-thread
• Double Compressed Cone
• Tweeter: Triple Array Silk Dome
• X-Over: 12db Second Order at 2400hz
• Cabinet: Front Inverted With High Transparent Grille
• Gold Plated Speaker Terminals
• Power Handling: 250W
• Sensitivity: 93dB 1w/1m
• Max SPL: 100dB
• Freq Response: 40Hz - 30kHz
• Impedance: 4 ohms

OSD BLACK 7.2.4 (ATMOS)

S/REFERENCE SERIES

3× OSD Black S85
(Front Stage LCR)
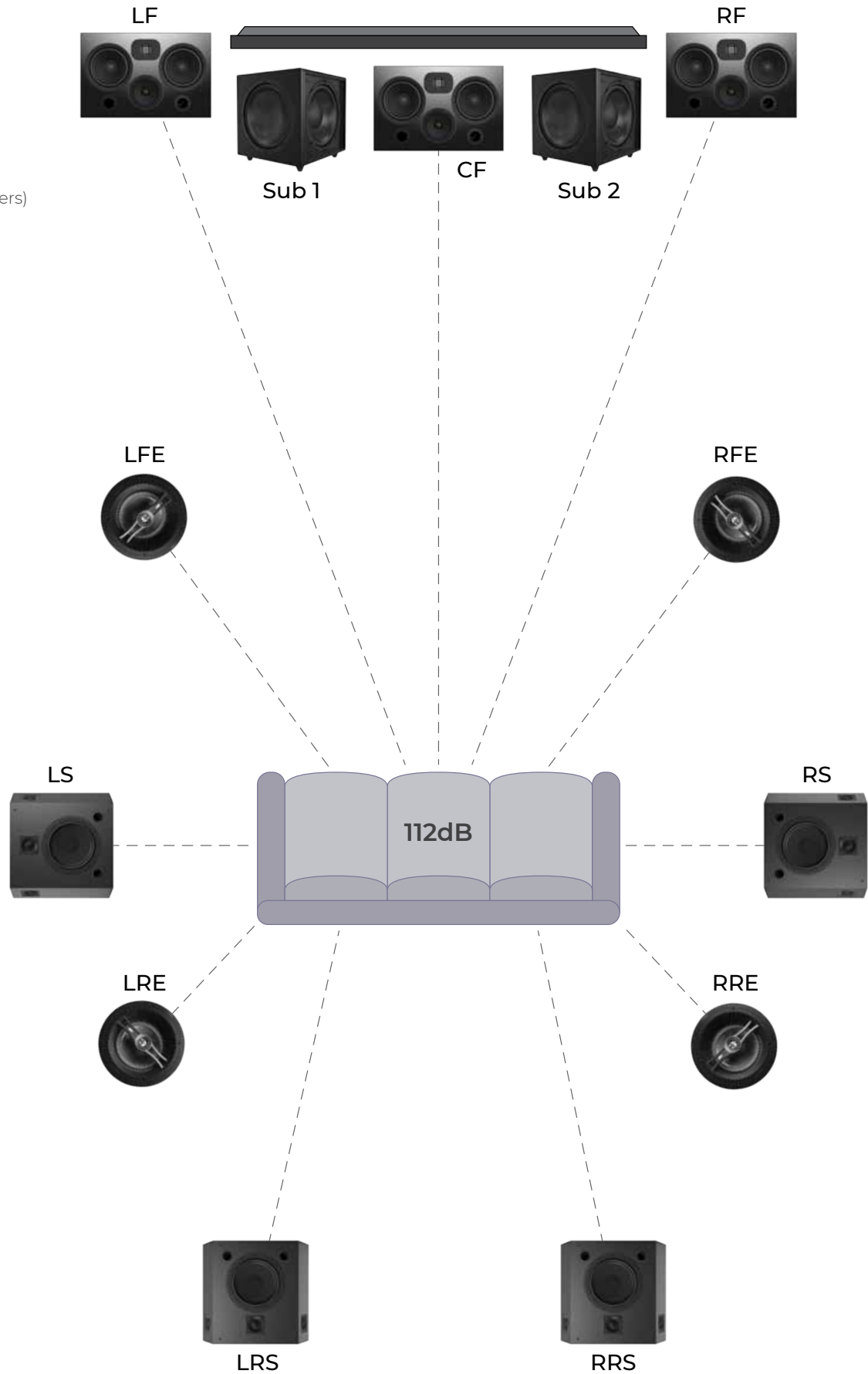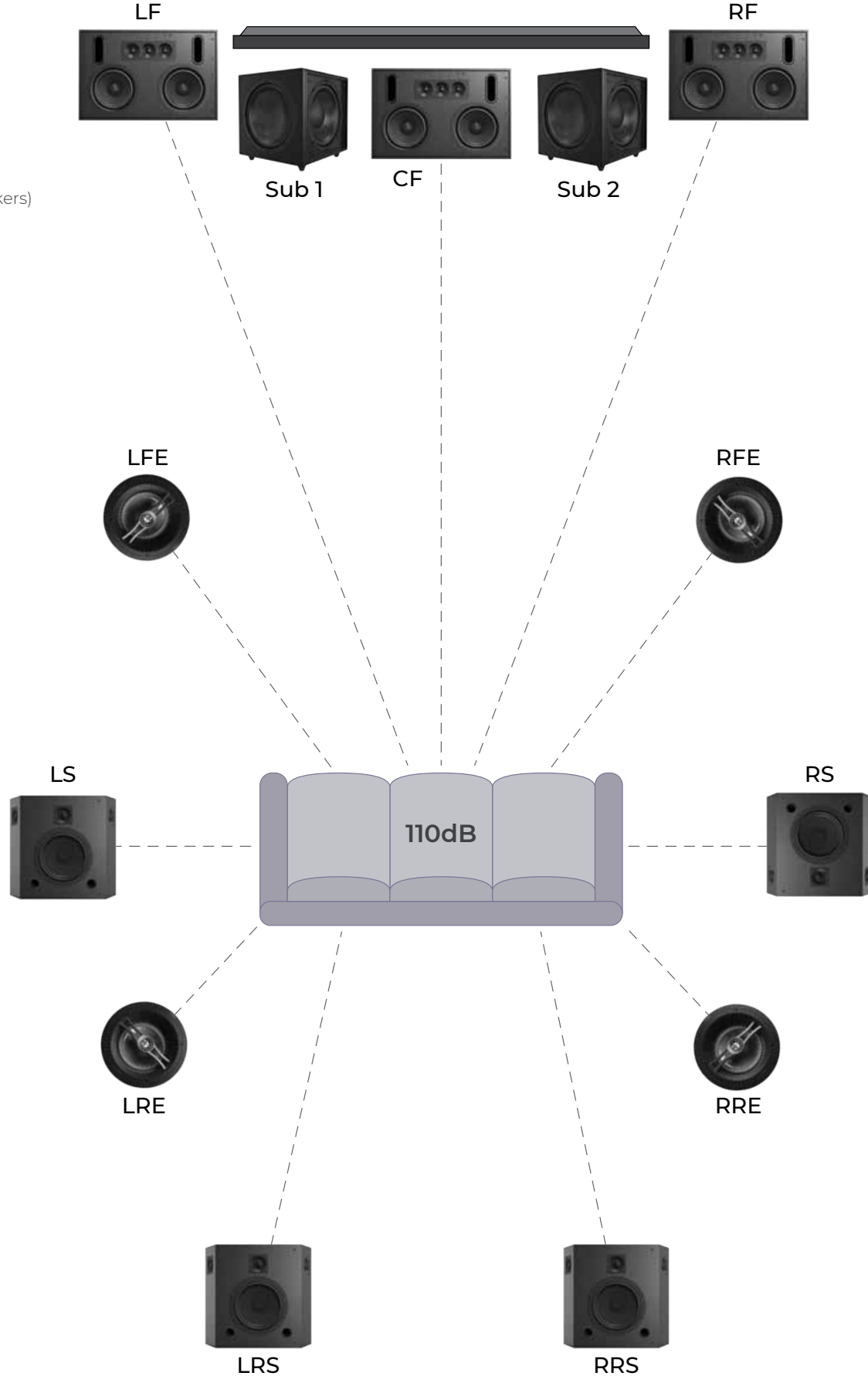
4× OSD Black S8T
(Surround & Rear Surrounds)

4× OSD Black R83A
(Front and Rear Effects Speakers)

2× OSD TreVoce 12
(Powered Subwoofers)
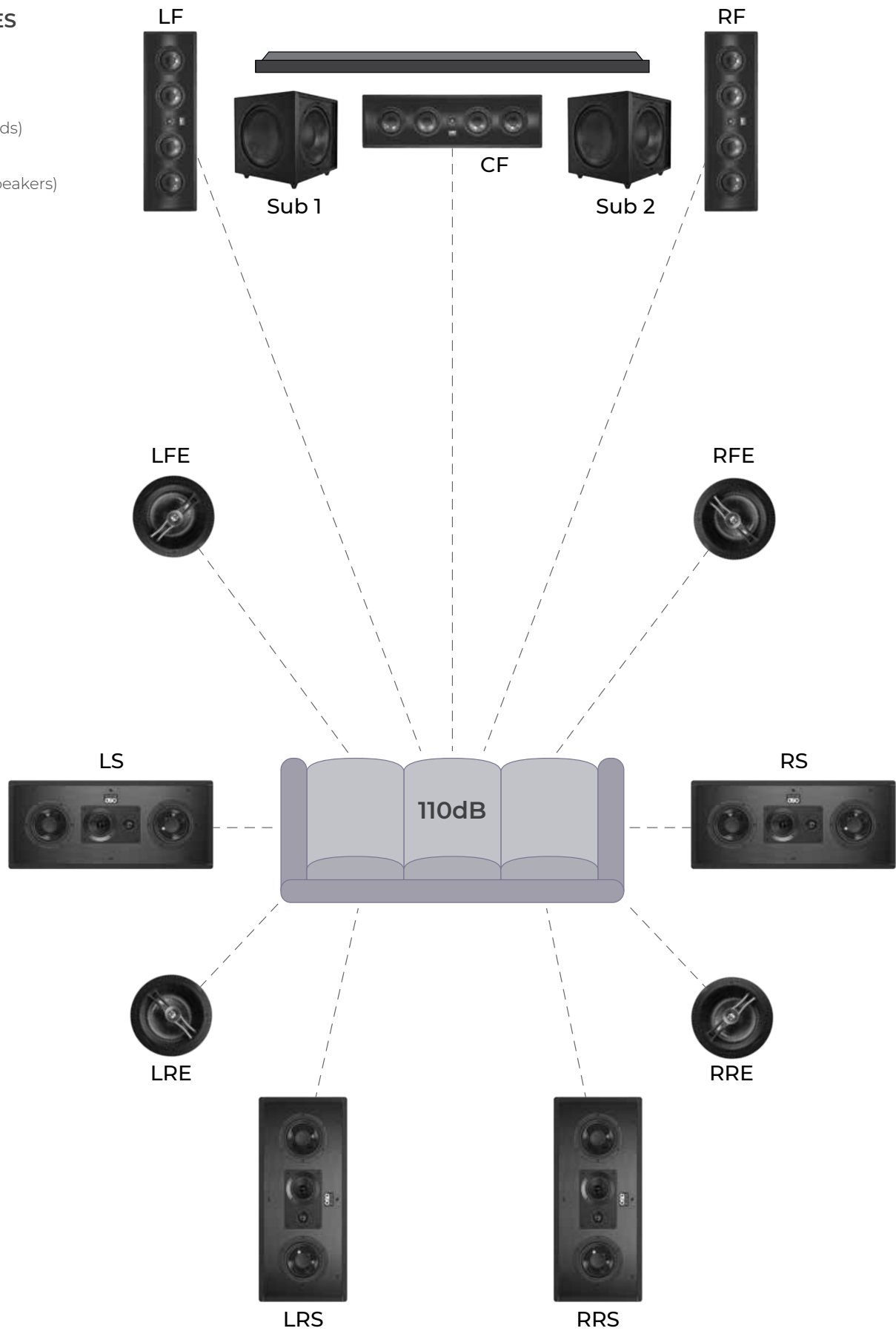
MAX SPL
at listening
position 112dB

LF

RF

Sub 1   CF   Sub 2

LFE   RFE

LS   112dB   RS

LRE   RRE

SC-LX 904

LRS   RRS

OSD BLACK 7.2.4 (ATMOS)

S/REFERENCE SERIES

3× OSD Black S82
(Front Stage LCR)

4× OSD Black S8T
(Surround & Rear Surrounds)

4× OSD Black R83A
(Front and Rear Effects Speakers)

2× OSD TreVoce 12
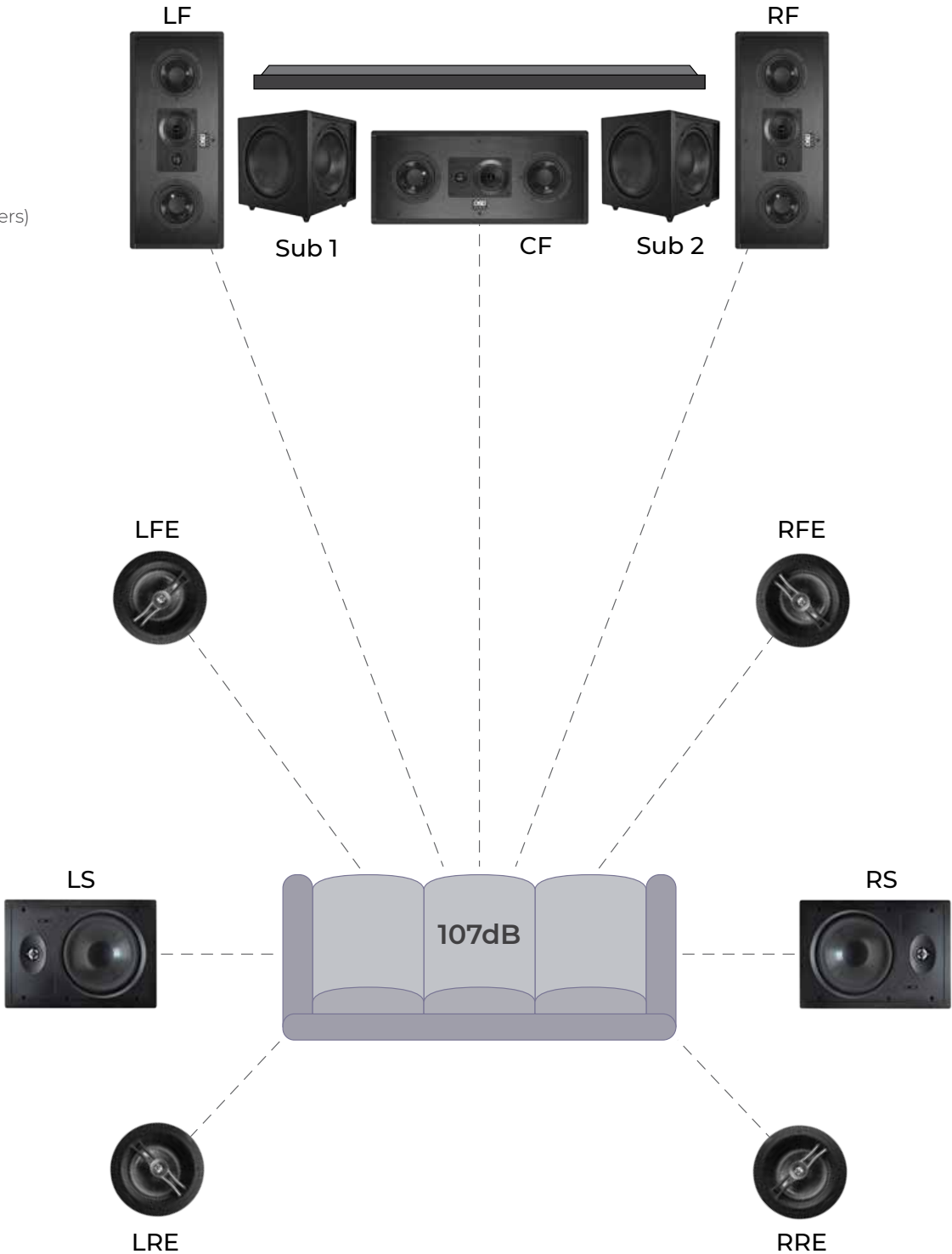(Powered Subwoofers)

MAX SPL
at listening
position 110dB

LF

RF

Sub 1   CF   Sub 2

LFE   RFE

LS   110dB   RS

LRE   RRE

SC-LX 904

LRS   RRS

OSD BLACK 7.2.4 (ATMOS)

T/REFERENCE SERIES

3× OSD Black T69
(Front Stage LCR)

4× OSD Black T65
(Surround & Rear Surrounds)

4× OSD Black R83A
(Front and Rear Effects Speakers)

2× OSD TreVoce 12
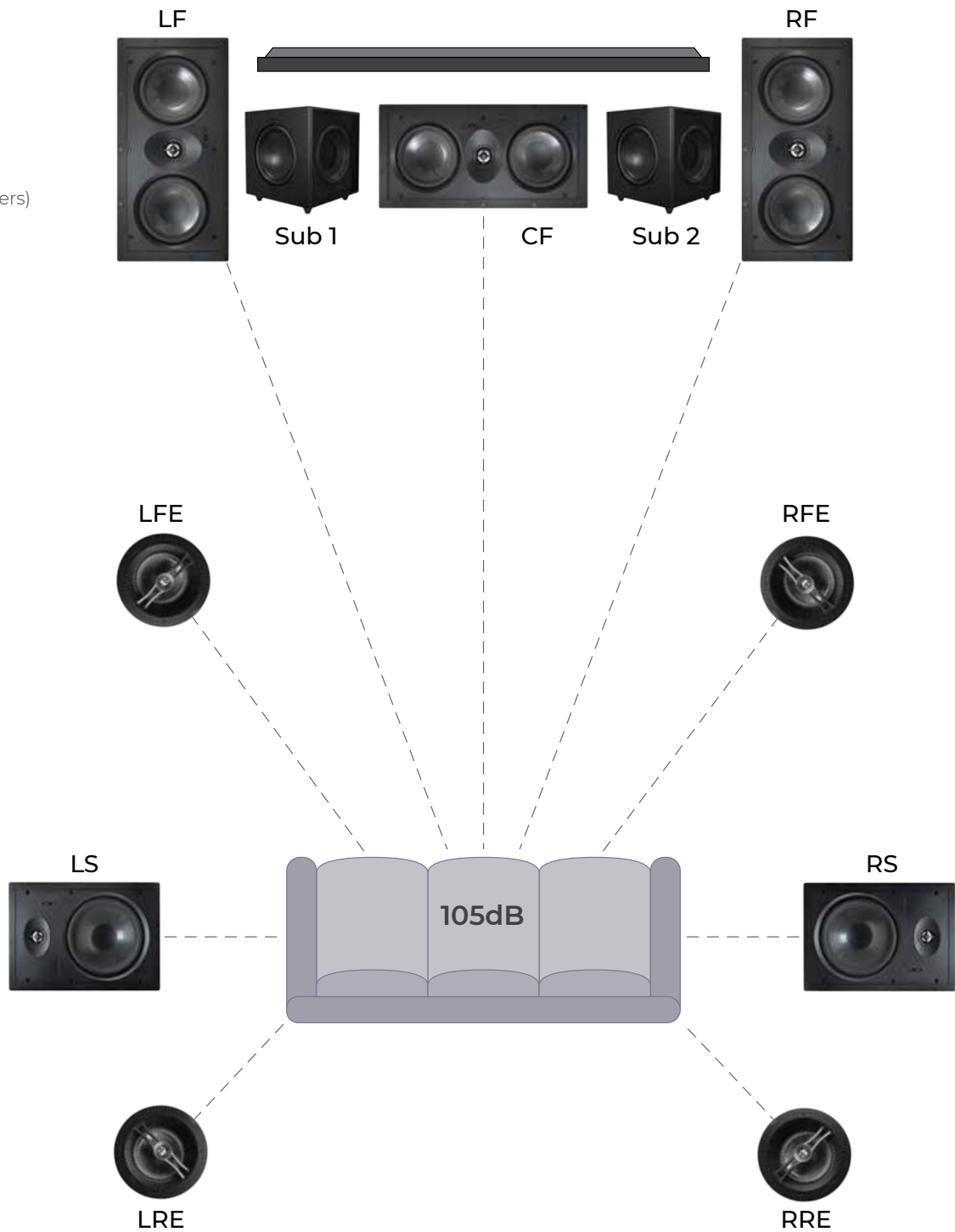(Powered Subwoofers)

MAX SPL
at listening
position 110dB

LF

RF

Sub 1

CF

Sub 2

LFE

RFE

LS

110dB

RS

LRE

RRE

LRS

RRS

SC-LX 904

Pioneer

avation

116

OSD BLACK 5.2.4 (ATMOS)

T/REFERENCE SERIES

3× OSD Black T65
(Front Stage LCR)

2× OSD Black T82
(Surround & Rear Surrounds)

4× OSD Black R63A
(Front and Rear Effects Speakers)

2× OSD TreVoce 12
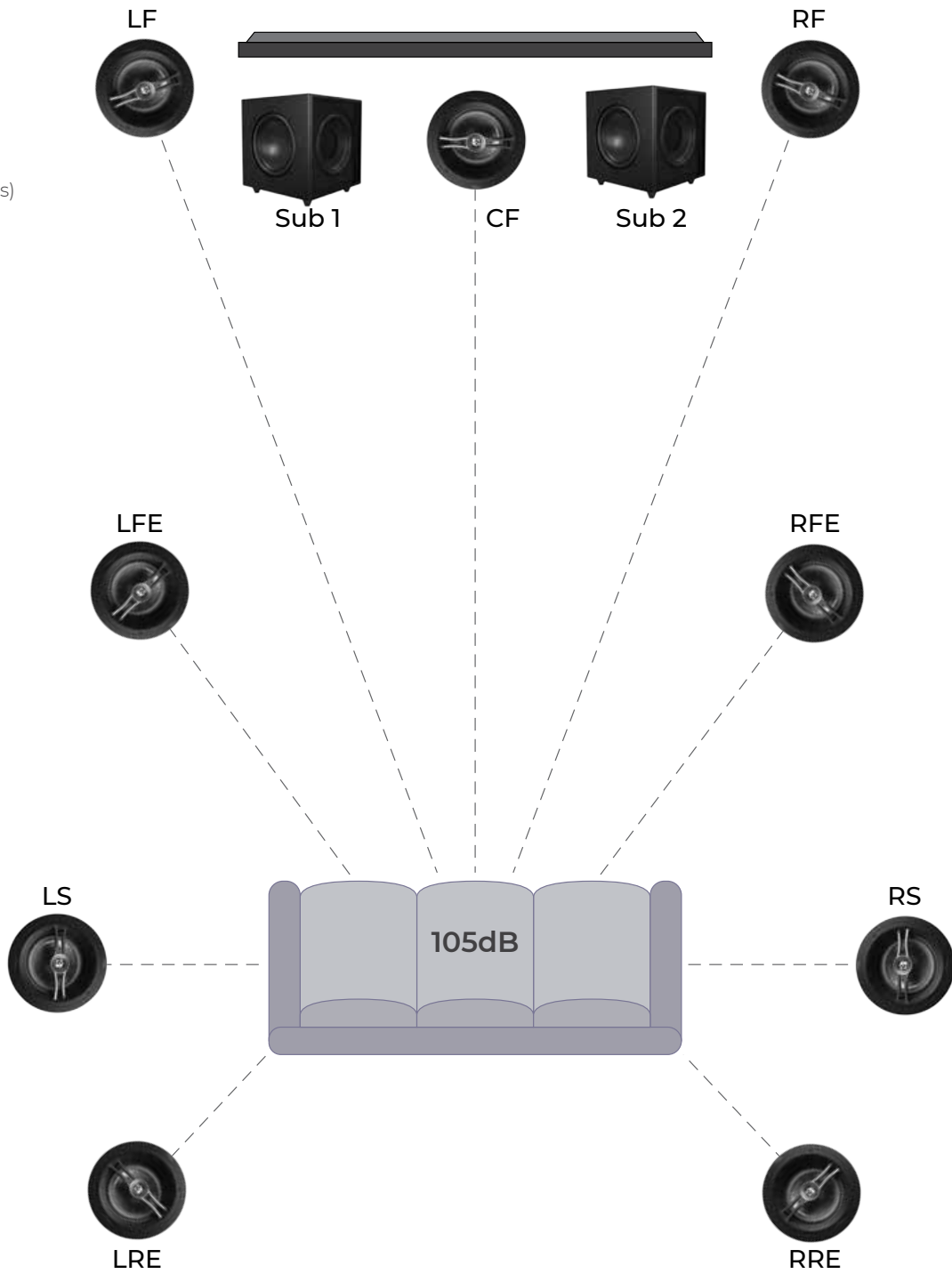(Powered Subwoofers)

MAX SPL
at listening
position 107dB

LF

RF

Sub 1

CF

Sub 2

LFE

RFE

LS

107dB

RS

LRE

RRE

VSX-LX 504

Pioneer

avation

117

OSD // PRODUCT RANGE

REFERENCE SERIES

3× OSD Black T53LCR
(Front Stage LCR)

2× OSD Black T82
(Surround & Rear Surrounds)

4× OSD Black R63A
(Front and Rear Effects Speakers)

2× OSD TreVoce 10
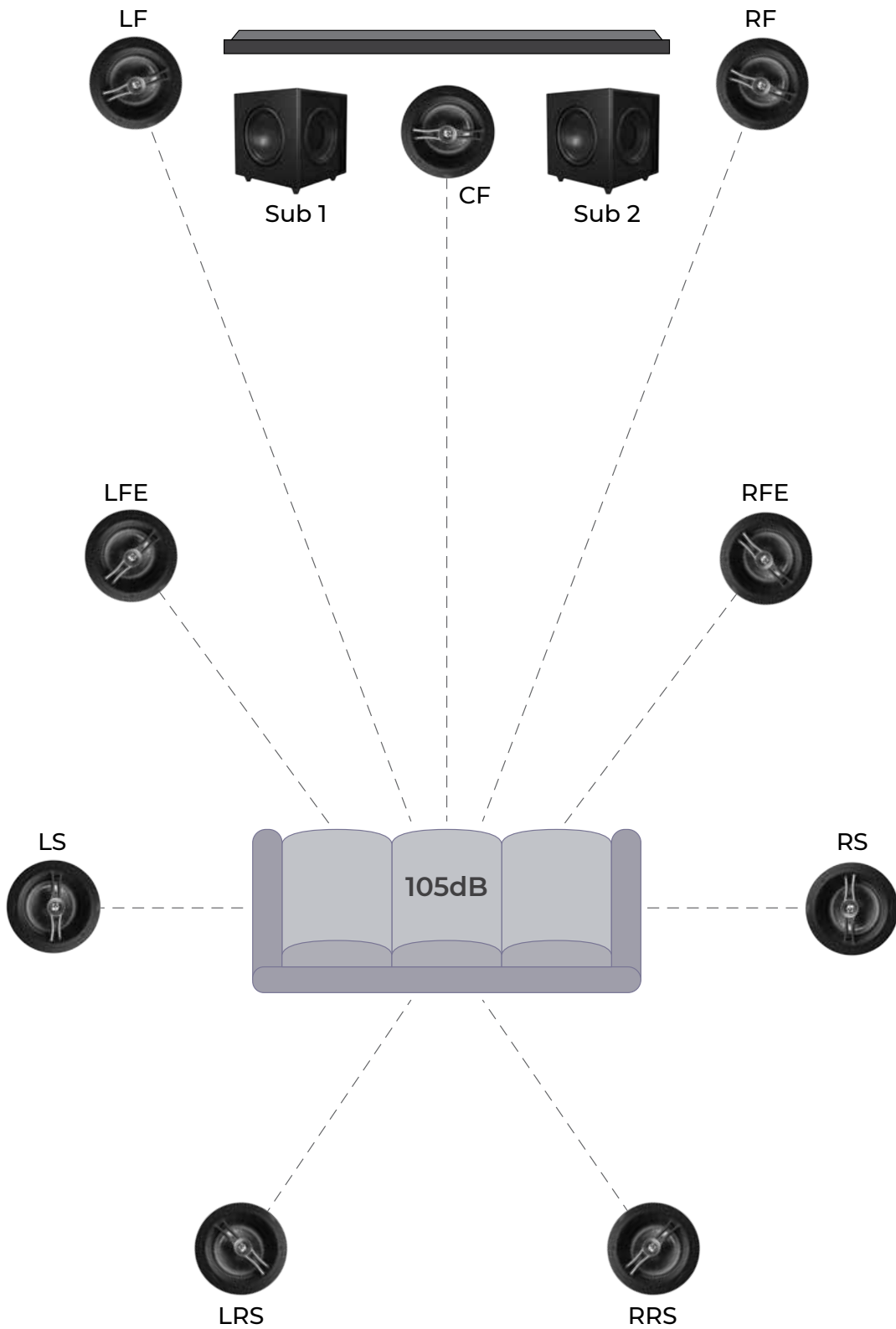(Powered Subwoofers)

MAX SPL
at listening
position 105dB

LF

RF

Sub 1   CF   Sub 2

LFE   RFE

LS   RS

105dB

LRE   RRE

Pioneer

VSX-LX 504

www.avation.com.au

118

REFERENCE SERIES

3× OSD Black R83A
(Front Stage LCR)

2× OSD Black R63A
(Surround & Rear Surrounds)

4× OSD Black R63A
(Front and Rear Effects Speakers)

2× OSD TreVoce 10
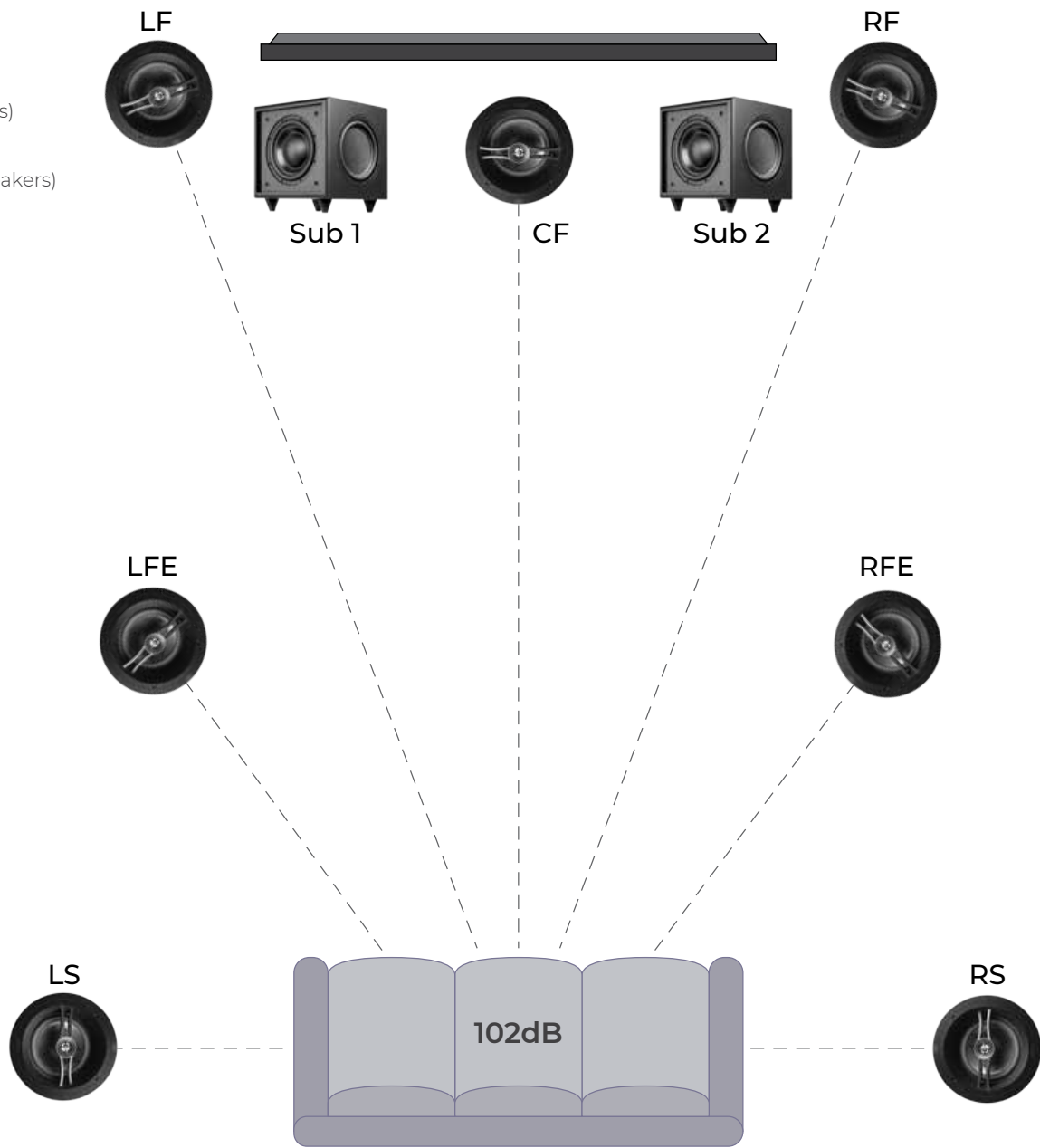(Powered Subwoofers)

MAX SPL
at listening
position 105dB

LF

RF

Sub 1   CF   Sub 2

LFE   RFE

LS   RS

105dB

LRE   RRE

Pioneer

VSX-LX 504

OSD // PRODUCT RANGE

www.avation.com.au

119

OSD BLACK 5.2.4 (ATMOS)

REFERENCE SERIES

3× OSD Black R83A
(Front Stage LCR)

4× OSD Black R63A
(Surround & Rear Surrounds)

2× OSD Black R63A
(Front and Rear Effects Speakers)

2× OSD TreVoce 10
(Powered Subwoofers)

MAX SPL
at listening
position 105dB

LF

RF

Sub 1

CF

Sub 2

LFE

RFE

LS

RS

105dB

LRS

RRS

VSX-LX 504

OSD BLACK 5.2.2 (ATMOS)

REFERENCE SERIES

3× OSD Black R83A
(Front Stage LCR)

2× OSD Black R63A
(Surround & Rear Surrounds)

2× OSD Black R63A
(Front and Rear Effects Speakers)

2× OSD TreVoce 8 DSP
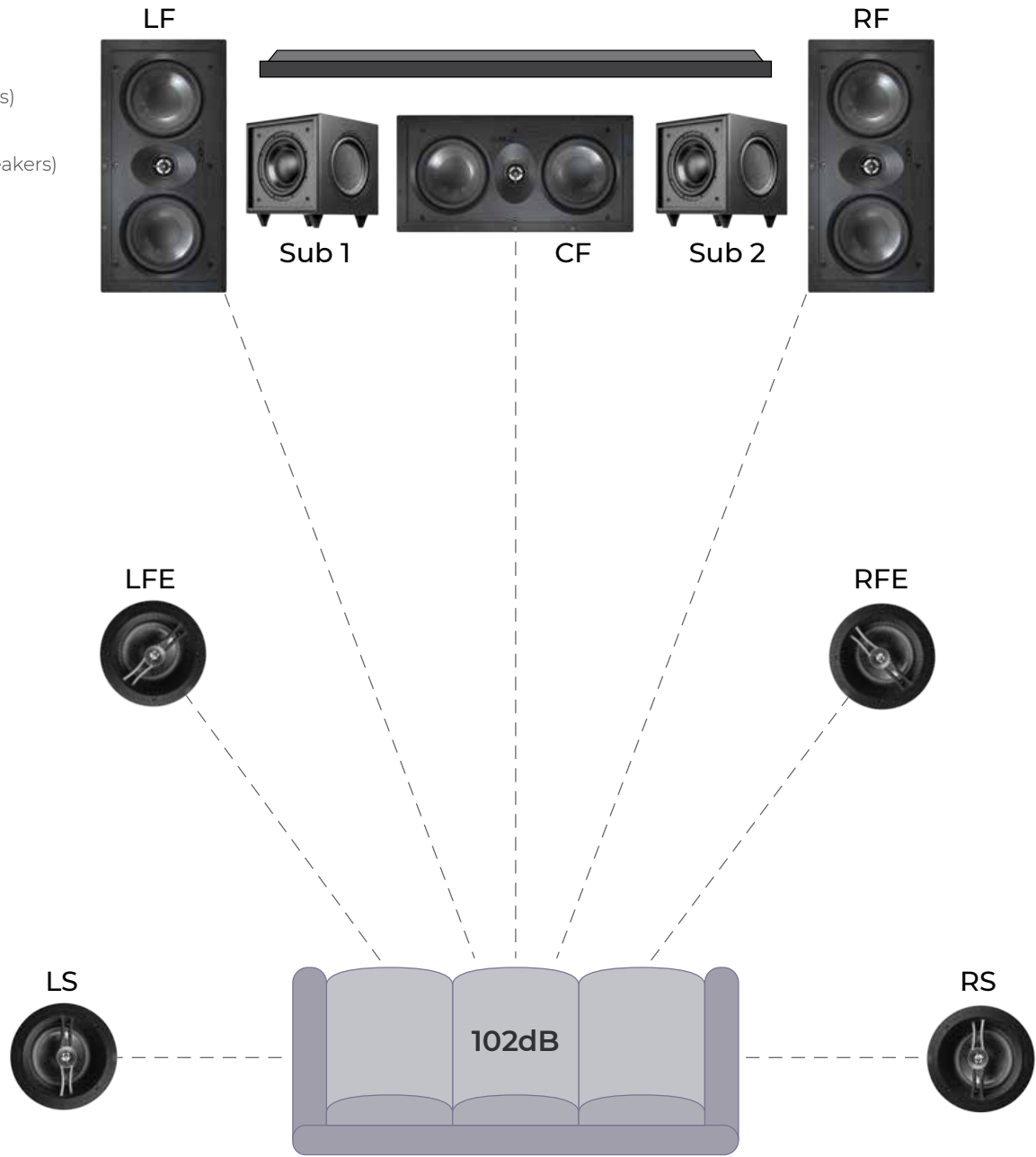(Powered Subwoofers)

MAX SPL
at listening
position 102dB

LF

RF

Sub 1

CF

Sub 2

LFE

RFE

LS

RS

102dB

VSX934 – 7.2

OSD 5.2.2 (ATMOS)

REFERENCE SERIES

3× OSD Black T53LCR
(Front Stage LCR)

2× OSD Black R63A
(Surround & Rear Surrounds)

2× OSD Black R63A
(Front and Rear Effects Speakers)

2× OSD TreVoce 8 DSP
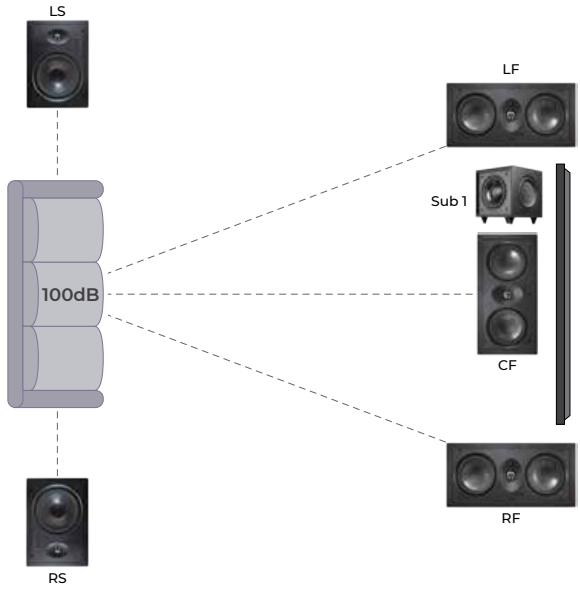(Powered Subwoofers)

MAX SPL
at listening
position 102dB

LF

RF

Sub 1   CF   Sub 2

LFE

RFE

LS

RS

102dB

VSX934 – 7.2

OSD 5.1

REFERENCE SERIES

3× OSD Black T53LCR
(Front Stage LCR)

2× OSD Black T82
(Surround & Rear Surrounds)
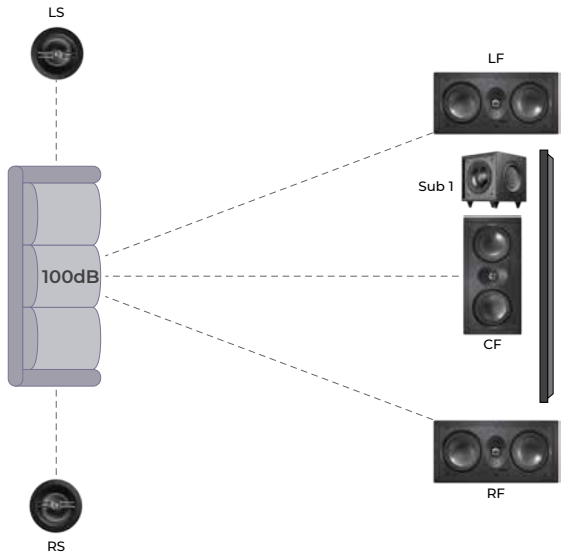
1× OSD TreVoce 8 DSP
(Powered Subwoofers)

MAX SPL
at listening
position 100dB

LS

LF

Sub 1

100dB

CF

RF

RS

Pioneer VSX534 – 5.1

REFERENCE SERIES

3× OSD Black T53LCR
(Front Stage LCR)

2× OSD Black R63A
(Surround & Rear Surrounds)
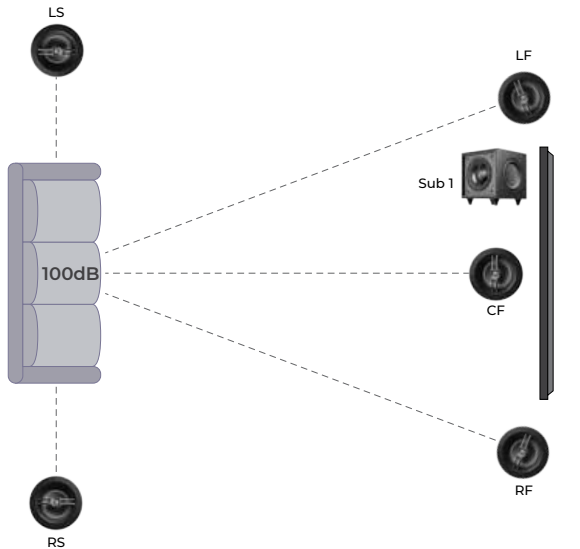
1× OSD TreVoce 8 DSP
(Powered Subwoofers)

MAX SPL
at listening
position 100dB

LS

LF

Sub 1

100dB

CF

RF

RS

Pioneer VSX534 – 5.1

REFERENCE SERIES

3× OSD Black R83A LCR
(Front Stage LCR)

2× OSD Black R63A
(Surround & Rear Surrounds)

1× OSD TreVoce 8 DSP
(Powered Subwoofers)

MAX SPL
at listening
position 100dB

LS

LF

Sub 1

100dB

CF

RF

RS

Pioneer VSX534 – 5.1

NERO VOX

EASY UPGRADE DOCKING STATION

The NERO Vox is a Custom In-Wall Docking Station with internal 20W Class D Power Amplifier created exclusively for the Echo Dot 3rd It provides a simple upgrade path for older VC or powered keypad (Abus) type systems that have stopped working or are simply outdated. Replace the VC's or keypads with our Nero Vox, add Echo Dots and use existing wiring to connect to the speakers and provide power. The speakers could also be upgraded as well. Using our Audio Input/Output and Power wall plate also allows you

to add a subwoofer. This is a big retro fit opportunity. The Alexa app allows you to create groups and sync music easily and of-course gives customers voice control.

New construction: Provides builders with a low cost solution for multi-room audio. No centralised amps or controllers.

Installed alternative to a sound bar for improved TV sound. Install the Nero Vox next to a wall mounted TV, connect to TV to the audio input.
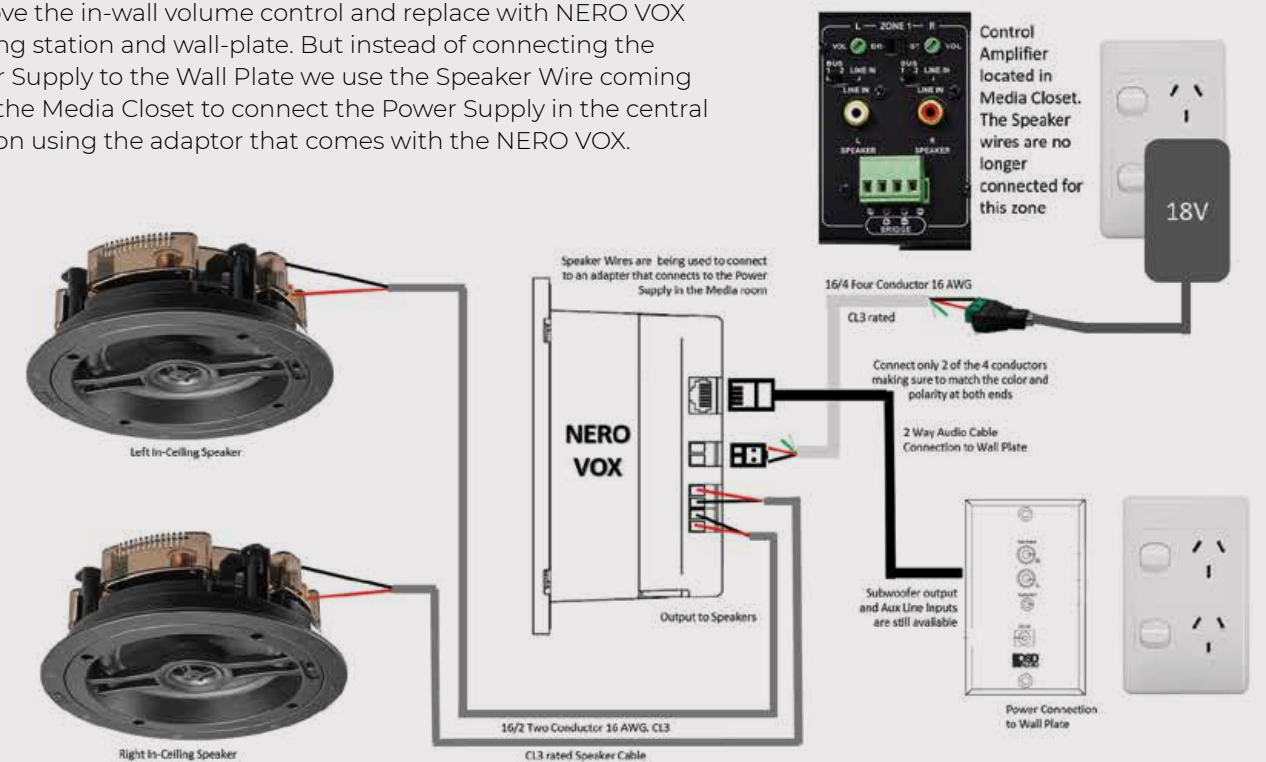
Typical whole house audio wiring diagram single zone, in-wall volume control and a pair of 8-ohm in-ceiling loudspeakers.

Option 1: Typical whole house audio wiring diagram
Remove the in-wall volume control and replace with NERO VOX docking station and wall-plate where external power supply is plugged into local in room AC outlet.
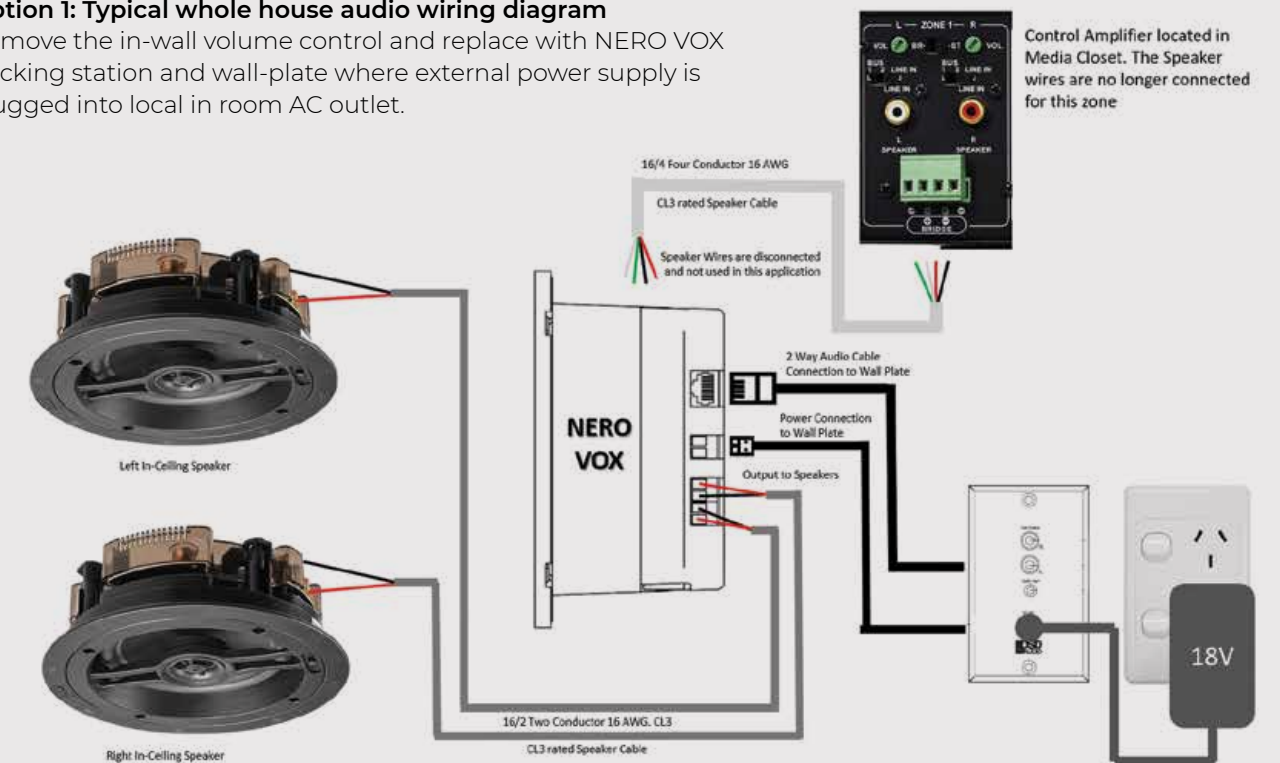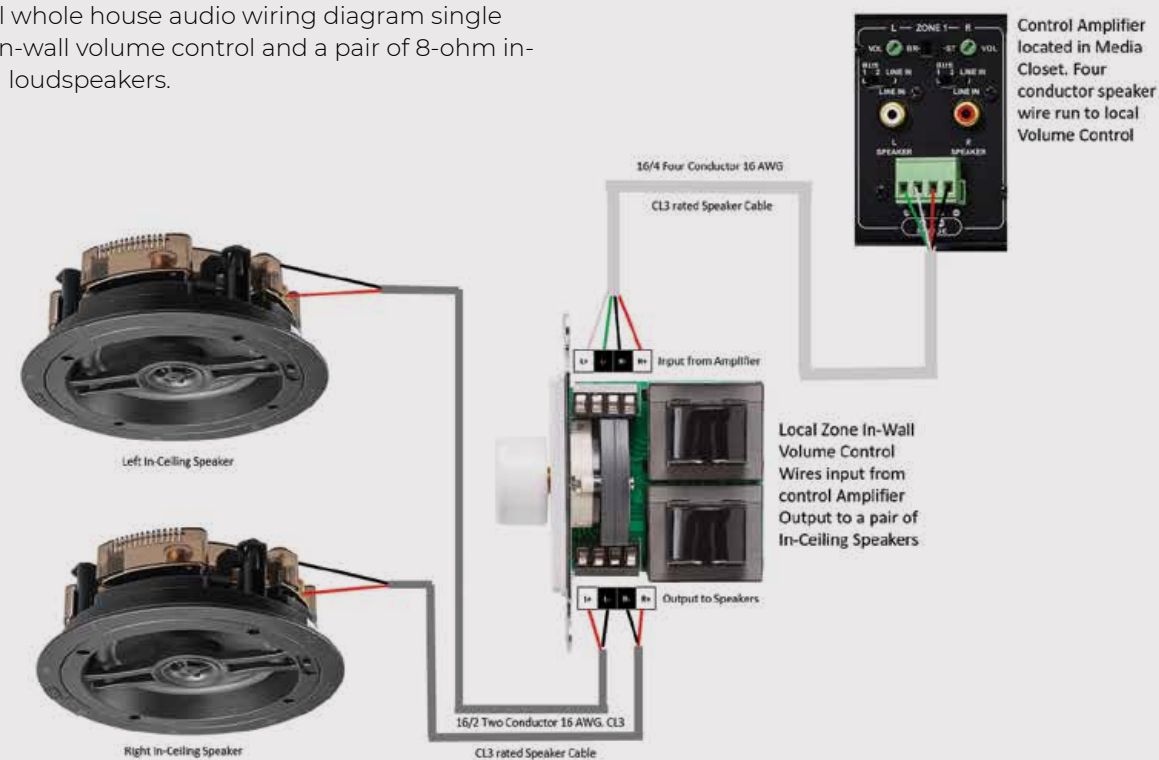

Option 2: Typical whole house audio wiring diagram
Remove the in-wall volume control and replace with NERO VOX docking station and wall-plate. But instead of connecting the Power Supply to the Wall Plate we use the Speaker Wire coming from the Media Closet to connect the Power Supply in the central location using the adaptor that comes with the NERO VOX.

KAYA RANGE

NEW DIMENSIONS IN LISTENING PLEASURE.

vividaudio.com

KAYA C25	KAYA S12	KAYA 25	KAYA 45	KAYA 90
2-WAY	**2-WAY**	**2-WAY**	**3-WAY**	**3-WAY**
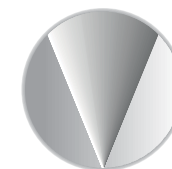
PERFORMANCE. STYLE. DRAMA.

Our loudspeakers look, and sound, unlike any you've ever experienced before. From a blank sheet of paper to finished product, every Vivid Audio loudspeaker is created for a single purpose: to bring you perfectly transparent, natural sound, free from colour, resonance and reflection. Which means you get to enjoy the music you love in a whole new way: exactly as it was written, performed and intended to be heard. As an engineering-led company, we build our loudspeakers to rigorous technical standards, not price points. Whichever Vivid Audio speakers you choose, you'll benefit from the same world-class, handmade drivers, crossovers, enclosures and other technology. Whether you're a dedicated audiophile, discerning music lover, home entertainment aficionado, or someone who recognises, expects and demands only the very best, you'll find your perfect loudspeakers here.

GIYA G1S
4-Way 5 Drivers –
G1 Spirit

GIYA G1
4-Way 5 Drivers
Series 2

GIYA G2
4-Way 5 Drivers
Series 2

GIYA G3
4-Way 5 Drivers
Series 2

GIYA G4
4-Way 5 Drivers
Series 2

KAYA K25

Configuration	2 way 2 driver system
Cabinet material	Glass reinforced Soric cored sandwich composite
Cabinet colour	Piano, Pearl, Oyster Matte
Bespoke cabinet colour	Bespoke colour options available on request
Drive units	HF D26v is – 26mm tapered tube loaded alloy dome LF C125D – 1× 125mm alloy cones in tapered tube loaded reflex enclosure
Bass Loading	Exponentially tapered tube enhanced bass reflex
Sensitvity	85dB 2.83VRMS/1m
Nominal impedance	8 Ohm (7.5 Ohm Min)
Frequency range	42Hz- 40kHz
Frequency response	39Hz - 25kHz (-6dB)
First D26 break up mode	44kHz
Harmonic distortion	<0.5% over frequency range
Cross over frequencies	3.0kHz
Recommended amplifier power	25W- 125W
Loudspeaker dimensions (H×W×D)	1160 × 263 × 340 mm
Mass	24kg
Shipping dimensions (L×W×H)	1245 × 680 × 450 mm
Shipping Mass	60kg (pair)

KAYA K45

Configuration	3 way 4 driver system
Cabinet material	Glass reinforced Soric cored sandwich composite
Cabinet colour	Piano, Pearl, Oyster Matte
Bespoke cabinet colour	Bespoke colour options available on request
Drive units	HF D26v is – 26mm tapered tube loaded alloy dome MF C100se – 100mm tapered tube loaded alloy cone LF C125L – 4× 125mm alloy cones in tapered tube loaded reflex enclosure
Bass Loading	Exponentially tapered tube enhanced bass reflex
Sensitvity	87dB 2.83VRMS/1m
Nominal impedance	6 Ohm (2.8 Ohm Min)
Frequency range	37Hz- 40kHz
Frequency response	39Hz - 25kHz (-6dB)
First D26 break up mode	44kHz
Harmonic distortion	<0.5% over frequency range
Cross over frequencies	300Hz and 3kHz
Recommended amplifier power	25W- 250W
Loudspeaker dimensions (H×W×D)	1153 × 298 × 385 mm
Mass	25kg
Shipping dimensions (L×W×H)	1245 × 680 × 450 mm
Shipping Mass	60kg (pair)

KAYA K90

Configuration	3 way 6 driver system
Cabinet material	Glass reinforced Soric cored sandwich composite
Cabinet colour	Piano, Pearl, Oyster Matte
Bespoke cabinet colour	Bespoke colour options available on request
Drive units	HF D26v is – 26mm tapered tube loaded alloy dome MF C100se – 100mm tapered tube loaded alloy cone LF C125L – 4× 125mm alloy cones in tapered tube loaded reflex enclosure
Bass Loading	Exponentially tapered tube enhanced bass reflex
Sensitvity	90dB 2.83VRMS/1m
Nominal impedance	6 Ohm (4 Ohm Min)
Frequency range	35Hz- 40kHz
Frequency response	39Hz - 25kHz (-6dB)
First D26 break up mode	44kHz
Harmonic distortion	<0.5% over frequency range
Cross over frequencies	300Hz and 3kHz
Recommended amplifier power	25W- 500W
Loudspeaker dimensions (H×W×D)	1202 × 370 × 540 mm
Mass	38 kg
Shipping dimensions (L×W×H)	1245 × 430 × 590 mm
Shipping Mass	55kg (each)

KAYA S12

Configuration	2 way 2 driver system
Cabinet material	RIMCast Polyurethane
Cabinet colour	
Bespoke cabinet colour	
Drive units	HF: D26 – 26mm tapered tube loaded alloy dome LF: C100D – 1 x 100mm alloy cone
Bass Loading	Exponentially Tapered Tube enhanced bass reflex
Sensitvity	87dB @ 2.83VRMS at 1m on axis
Nominal impedance	8 Ohm (5.3 Ohm Min)
Frequency range	45 – 25,000 Hz (-6dB)
Frequency response	
First D26 break up mode	44,000 Hz
Harmonic distortion	<0.5% over frequency range at 1W
Cross over frequencies	3,000
Recommended amplifier power	25W – 125W
Loudspeaker dimensions (H×W×D)	400 × 237 × 254 mm
Mass	6 kg (each)
Shipping dimensions (L×W×H)	
Shipping Mass	

UNIVERSAL FIBER OPTIC HDMI

CELERITY TECHNOLOGY MAKING FIBER EASY FOR BEAUTIFUL VIDEO

Celerity Universal Fiber Optic (UFO) supports HDMI 2.0 connections up to 1000 feet and offers the very best possible picture quality. Celerity Fiber Optic shows full brightness highlights, and the wide range of colours as originally intended by the video engineers during mastering.

A slim, yet durable plenum rated 3mm × 2mm cable jacket encases the fiber optic conductors and dual-layer internal strengthening materials. Celerity Fiber Optic cables offer isolation from EMI and are plenum rated and for installations serving residential and commercial building projects for current and future needs.

TWO STEPS, NO TOOLS
Celerity UFO is installed with a simple two-step process; "Pre-Wire and Connect." This is made possible by Celerity's innovation with fiber optics so that fiber terminations, testing and tools are no longer necessary. This ensures reliability and efficient project deployment.

BI-DIRECTIONAL CABLE
Celerity UFO Cable may be installed from any location between a source and display without the burden of ensuring the cable is in the correct direction. Celerity UFO is designed that each end of the UFO fiber cable acts as a precision optical pathway. Once the Celerity UFO Cable has been installed the UFO cable is ready for source and display connections.

FIBER OPTIC CONNECTOR CABLES
An HDMI transmitting (TX) connector cable and an HDMI receiving (RX) connector cable are coupled to the ends of the Celerity UFO Cable and connected to the components. Each Celerity Connector Cable has a 6' Celerity fiber optic cable and integrated 5V USB power cable for final connections at the component.

5V POWER
HDMI source components (TX) supply 5V power. Celerity UFO takes advantage of this feature to draw power for the source UFO TX connector cable. A blue LED on the HDMI connector confirms power. In rare instances, the source component may not provide this signal. For this condition, A hardwired USB power cable is included to draw power externally when necessary. At the display (sink) location, the UFO RX connector USB power cable must be connected to a 5V powered USB connector located on the display panel or or projector.

UFO COUPLERS
Celerity UFO Connector Cables include a pair of locking couplers that have been designed to ensure correct optical alignment between the UFO cable and the UFO TX and RX connector cables. The UFO coupler adds further protection for the precision optical connection between the fiber cable and the connector cable.

UFO PROTECTIVE CAPS
Celerity UFO Cables and Connector Cables are terminated with a precision optical lens that must be kept free from dust and debris. Each of these optical lenses are protected by a rubber cap that remains in place until the UFO cables are joined. The UFO coupler then provides protection for the life of the cable connection.

KEYSTONE WALL PLATE
Celerity UFO may be adapted to a keystone wall plate connection for applications where a flush-mount architectural connection is required. A single-gang wall plate with a UFO Keystone coupler is available separately and may be installed at one or both fiber cable ends. The Celerity UFO Connector Cable easily connects to the keystone coupler with a springloaded connector lock to ensure a reliable connection.

UFO HDMI 2.0
With the demands of the HDMI 2.0 interface, it has become critical for cables to support the HDMI signal and communication controls from end to end with precision. Fiber optics are the optimum connection to ensure maximum picture quality and accuracy for the HDMI EDID handshake. HDCP 2.2, an encryption software mandated by the film industry for viewing 4K content must interoperate to perfection or a picture will not be produced. Celerity UFO is a robust connection for all elements of HDMI connections.

4K Resolution
4K video displays offer stunning picture clarity, detail and colour depth. Celerity UFO ensures no loss of picture quality.

24p 30p 60p Frame Rate Support
Natural and clear reproduction of motion in UHD video is critical. Celerity UFO accurately displays motion at all production frame rates.

Colour Sampling up to 4:4:4
Colour depth specifications 4:2:0, 4:2:2 and 4:4:4 are supported by Celerity UFO.

HDR Support
HDR offers expanded contrast and colour palette for a more natural viewing experience. Wide colour gamut support further deepens the individual colours for stunning visual effect.

Available Lengths
Celerity UFO standard lengths include 35', 40', 50', 60', 80', 100', 130', 160', 200', 500', and 1000'. Custom lengths are available by special order.

Specifications

Distance	up to 1000 feet
Data rate	up to 18 Gbps
Resolution	up to 4K@60Hz UltraHD
Chroma sampling rate	up to 4:4:4
Supported features	HDMI High Speed
	HDR HDCP v2.2
	EDID CEC
	BT.2020 Deep Colour
Audio Return Channel	Yes
LED status indicator	at TX & RX HDMI connectors
	powered LED verifies connectivity
Power	TX: 0.5W RX: 0.5W; 5V DC
Temperature / Humidity	-04°F – 158°F (-20°C – 70°C) / 0% – 90% RH
Cable Jacket	Plenum rated
Fiber optic cable pull strength	60 pounds
Bend radius	0.20" / 5mm
HDMI connector dimension	0.33" × 0.66" × 0.96" / 8.5 × 16.7 × 24.5 mm
Fiber optic connector dimension	0.31" × 0.51" × 1.77" / 8.2 × 12.9 × 1.77 mm

Warranty
Celerity Technologies warrants this product against defects in material or workmanship for a period of 24 months from the original date of purchase. Additional warranty information can be found in the user guide.

NEAR

Free Design Service

NEARSCAPES™ SERIES

LANDSCAPE SYSTEM, ALL-ENVIRONMENT SPEAKERS

NEARSCAPES Systems combine the rugged durability of commercial components with the sound performance of indoor audiophile-grade speakers. A NEARSCAPES 4.1 system consisting of four LB4TM satellites and a single IGS100M subwoofer evenly covers a 60' × 40' (2400 sq. ft.) area with smooth, high definition, lifelike music. A NEARSCAPES 2.1 system consisting of two LB4TM satellites and the IGS100M evenly covers a 30' × 40' (1200 sq. ft.) area.

NEARSCAPES 2.1
• System contains one (1) IGS100M Subwoofer combined with two (2) LB4TM Satellite Speakers and one (1) pair GS4 Ground Stakes
• Colour: Mulch Brown

NEARSCAPES 4.1
• System contains one (1) IGS100M Subwoofer combined with four (4) LB4TM Satellite Speakers and two (2) pair GS4 Ground Stakes
• Colour: Mulch Brown

NEARSCAPES IG44.1
Complete outdoor bollard-style, satellite/subwoofer speaker system.

The 120-degree wide dispersion of the IG4M satellites means fewer speakers are needed.

Each Kit includes the following:
• 4× IG4M bollard-style satellite speakers, 4× colour-matched ground stakes
• 1× IGS100M subwoofer, 1× IE1 direct burial junction box for easy wiring
• 1× 20-ft burial grade speaker wires pre-terminated with Perfect Fit IP-67 rated screw-on connectors

NEARSCAPES IG44.1DSP
Complete outdoor audio system with DSP amplifier, Now includes WIRE!

This bollard style "satellite/subwoofer" system boasts high clarity at any volume.

Each Kit includes the following:
• 1 each 3XL 350 WPC 2-channel power amplifier with digital signal processing
• 4× IG4M bollard-style satellite speakers, 4 × colour-matched ground stakes
• 1× IGS100M subwoofer, 1× IE1 direct burial junction box
• 1× 20-ft burial grade speaker wires pre-terminated with Perfect Fit IP-67 rated screw-on connectors

IG-SERIES

IN-GROUND, ALL-ENVIRONMENT SPEAKERS & SUBWOOFERS

• All IG Models: Omni-directional sound radiation for more uniform area coverage
• May be used on-ground or in-ground
• Benefits include greater security from theft, far better bass, less visible
• Weatherproof, not just weather resistant, colour-through enclosures hide scratches and will not fade
• Built-in transformer for 70V operation, may be used in 8 Ohms mode
• Ferrofluid damping for better sound and higher power handling
• Commercial grade durability, audiophile performance
• Perfect for clients who want the very best
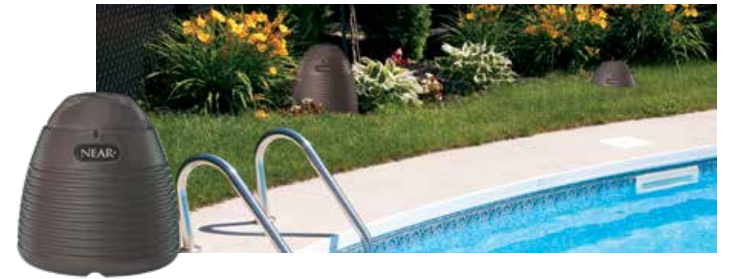

IG6S2
FULL RANGE, 2-WAY SPEAKER
• 6-1/2" metal alloy woofer
• 1" metal alloy tweeter
• 360 degree sound dispersion Inputs for (70V) 4W, 8W, 16W, 32W, 64W and 8 Ohms operation
• Sensitivity (1W/1m): 85dB
• 16" Diameter at base × 17.75" high
• 13.5 lbs
• Input: 8-cond. cable
• Colour: Kodiak Brown
• Recommend IE1 direct burial junction box accessory

IG8S2
FULL RANGE, 2-WAY SPEAKER
• 8" metal alloy woofer
• 1" metal alloy tweeter
• 360 degree sound dispersion Inputs for (70V) 8W, 16W, 32W, 64W, 128W and 8 Ohms operation
• Sensitivity (1W/1m): 86dB
• 17.75" Diameter at base × 19.25" high
• 19.5 lbs
• Input: 8-cond. cable
• Colour: Kodiak Brown
• Recommend IE1 direct burial junction box accessory

IGS100 & IGS100M
SUBWOOFER
• 10" metal alloy woofer
• Inputs for (70V) 128W, 64W and 8 Ohms operation Sensitivity (1W/1m): 91dB
• 19.5" Diameter at base × 17.5" high
• 36 lbs
• Input: 8-cond. cable IGS100
• Colour: Kodiak Brown/ IGS100M
• Colour: Mulch Brown
• Recommend IE1 direct burial junction box accessory

IGS12
SUBWOOFER
• 12" metal alloy woofer
• Inputs for (70V) 8W, 16W, 32W, 64W, 128W and 8 Ohms operation Sensitivity (1W/1m): 91dB
• 23.75" Diameter at base × 24" high
• 45 lbs
• Input: 8-cond. cable
• Colour: Kodiak Brown
• Recommend IE1 direct burial junction box accessory

IGS212
SUBWOOFER
• Dual 12" metal alloy woofers
• 4-ohm Input
• Sensitivity (1W/1m): 93dB 23.75" Diameter at base × 24" high
• 56 lbs
• Input: 2-conductor cable
• Colour: Kodiak Brown
• Recommend IE1 direct burial junction box accessory

NEAR // PRODUCT RANGE

www.avation.com.au

NEAR // PRODUCT RANGE

www.avation.com.au

134

135

BRACKET-MOUNT, ALL-ENVIRONMENT SPEAKERS

- All LB Models: Weatherproof, not just weather resistant
- Twelve (12) year warranty
- Installer-friendly bracket minimises ladder time
- Waterproof wire termination system
- Colour-through enclosures hide scratches and will not fade or yellow
- "T" version SKUs have built-in transformers for 70V operation
- May be used in 8 Ohms mode
- 8 Ohms-only SKUs available
- Ferrofluid damping for better sound and higher power handling
- Commercial grade durability, audiophile performance
- All models available in "W" white (paintable) or "B" black versions
- Simply the best sounding surface mount outdoor speakers

LB4TM
FULL RANGE, 2-WAY SPEAKER

- 4.5" metal alloy woofer
- 1.1" metal alloy tweeter
- Ball & socket mounting system
- Switch-selectable (70V) 2W, 4W, 8W, 16W, 32W and 16 Ohms operation
- Sensitivity (1W/1m): 86dB
- (W×H×D) 5.51" × 10.25" × 6.3"
- Weight: 4.5 lbs
- Colour: Mulch Brown
- Recommend GS4 Ground Stake accessory

LB4
FULL RANGE, 2-WAY SPEAKER

- 4.5" metal alloy woofer
- 1" metal alloy tweeter
- Ball & socket mounting system
- Switch-selectable (70V) 1W, 2W, 4W, 8W, 16W and 8 Ohms operation
- Sensitivity (1W/1m): 86dB
- (W×H×D) 5.51" × 10.25" × 6.3"
- Weight: 4 lbs
- Colours: Black or White

LB5
FULL RANGE, 2-WAY SPEAKER

- 5.25" metal alloy woofer
- 1" metal alloy tweeter
- Lever Bracket mounting system
- Switch-selectable (70V) 2W, 4W, 8W, 16W, 32W and 8 Ohms operation
- Sensitivity (1W/1m): 87dB
- (W×H×D) 7.125" × 13.875" × 7.75"
- Weight: 7 lbs
- Colours: Black or White

LB6
FULL RANGE, 2-WAY SPEAKER

- 6.5" metal alloy woofer
- 1" metal alloy tweeter
- Lever Bracket mounting system
- Switch-selectable (70V) 4W, 8W, 16W, 32W, 64W and 8 Ohms operation
- Sensitivity (1W/1m): 88dB
- (W×H×D) 8.58" × 15.75" × 8.9"
- Weight: 11 lbs
- Colours: Black or White

LB8
FULL RANGE, 2-WAY SPEAKER

- 8" metal alloy woofer
- 1" metal alloy tweeter
- Lever Bracket mounting system
- Switch-selectable (70V) 4W, 8W, 16W, 32W, 64W and 8 Ohms operation
- Sensitivity (1W/1m): 90dB
- (W×H×D) 10.25" × 17.875" × 11.75"
- Weight: 16 lbs
- Colours: Black or White

VERSATILE-MOUNT, ALL-ENVIRONMENT SPEAKERS

All VM-Series Models: Weatherproof, not just weather-resistant. Seven (7) year warranty. Installer-friendly bracket minimises ladder time. Waterproof Perfect-Fit input connector. Colour-through enclosures hide scratches and will not fade or yellow. Commercial grade durability, audiophile performance. All models available in "W" white (paintable) or "B" black versions. Practical feature set and elegant design. Utilises many of NEAR's signature features such as MDT and MLS. Heavy-gauge Aluminum grilles powder-coated for protection against corrosion and UV. Proprietary Suprapolymer compound cone surround resist UV, chlorine, fertiliser. True high-level performance at an unmatched price.

VM1B/W
FULL RANGE SPEAKERS

- 4.5" metal alloy diaphragm woofer
- 1" titanium alloy dome tweeter
- Versatile mounting system Frequency Response: 68 Hz-20 kHz
- Dispersion: Min. 120 Degrees
- Sensitivity (1W/1m): 86dB (W×H×D) 5.25" × 8.25" × 7.625"
- Weight: 5.5 lbs
- Colours: Black or White

VM2B/W
FULL RANGE SPEAKERS

- 5.25" metal alloy diaphragm woofer
- 1" titanium alloy dome tweeter
- Versatile mounting system Frequency Response: 58 Hz-20 kHz
- Dispersion: Min. 120 Degrees
- Sensitivity (1W/1m): 88dB (W×H×D) 6.875" × 9.75" × 8.125"
- Weight: 6.5 lbs
- Colours: Black or White

DSP POWER AMPLIFIERS

7XL and 3XL Models: Universal Power: Two Switched-Mode power supply with active PFC (Power factor Correction) and wide range input. Class D amplifier stages with efficiency up to 90%. Storage for 16 presets for system configurations. Self-limiting and shutdown protection circuitry including Clip, Over-current, Over/Under voltage, Output DC, and Over temperature. NEAR custom DSP engine: 5-band parametric equalisation per input channel, 7-band per output channel. Each input features an adjustable RMS Compressor, including variable ratio and knee. Each output features an adjustable Peak Limiter. Ethernet interface connection for system setup, monitoring and control via intuitive GUI for the integrator/user.

3XL
350W PER CHANNEL POWER AMPLIFIER

- Optimised for outdoor audio systems
- 2 × 350W @ 4/8/16 ohms or 70V/100V Operating Range: 100-240 VAC (50 hz-60Hz) 1.6A
- Frequency Response: 20 Hz-20 Hz, -1.5dB
- Dimensions (W×H×D) 19" × 3.5" × 15.5"
- Weight: 17.7 lbs
- Three (3) year warranty

7XL
700W PER CHANNEL POWER AMPLIFIER

- Optimised for outdoor audio systems
- 2 × 700W @ 4/8/16 ohms or 70V/100V Operating Range: 100-240 VAC (50 hz-60Hz) 1.6A
- Frequency Response: 20 Hz-20 Hz, -1dB
- Dimensions (W×H×D) 19" × 3.5" × 15.5"
- Weight: 19.7 lbs
- Three (3) year warranty

THE PROFESSIONALS' CHOICE FOR DURABILITY AND RELIABLE PERFORMANCE.

IC REALTIME

"Your Security Is Our Business, No Matter What It Takes!"

SECURITY SOLUTIONS FOR PROFESSIONALS

IC REALTIME PRODUCTS ARE PROFESSIONAL QUALITY EQUIPMENT MADE TO LAST

Established in 2006, IC Realtime has become a global innovator of video surveillance technology. We are a firm believer in that "How you do anything is how you do everything". And so every day, and in every way, we strive to be the standard by which others are measured.

As an industry leader, we have pioneered the introduction of the Cloud Video Recorder and the first in the surveillance camera sector to introduce a 360-degree X 360-degree device. IC Realtime is a strong supporter of the new UL2802 performance testing standard for camera image quality. Our customer base includes Distribution & Strategic Partnerships, Security & A\V channel dealers, Industry Alliances and buying groups.

Today, we are more than excited to introduce you (or in some cases, reintroduce you) to the company that put seeing in realtime on the horizon, IC Realtime!

10 YEAR WARRANTY

RELIABILITY — BACKED BY AN INDUSTRY LEADING 10-YEAR EXTENDED WARRANTY

Proprietary ICRealtime firmware and source code
3 layers of security protection
No Shareware
GSA Approved
Assembled and tested in the US before shipping

HIGH QUALITY MATERIALS TO DELIVER OUTSTANDING PERFORMANCE

Sony Image Sensors including CMOS, Starvis, Exmor and Exmor R
Tamaron Glass Optics
Seagate SkyHawk Hard Drive

ROBUST DEALER AND CONSUMER BENEFITS

Lifetime Support from our U.S. Based center
Backward compatible with and without license systems
No License Fees
Full ownership upfront
No monthly subscription
Extensive Product Line for any level of simplicity or sophistication.
3rd party Integration and internal support Smart Home Applications
Forensic Level Recording
Protected Brand Pricing
Free DDNS Service
Marketing, Sales, and Design support

EXCEPTIONAL CUSTOMER SERVICE AND SUPPORT. FREE LIFETIME SUPPORT FOR ALL PRODUCTS

Free support for dealers and end-users for the lifetime of the product.
Field support scheduling available
Priority Queues for Dealers

WORLD CLASS DESIGN, MANUFACTURING, AND INNOVATIVE PRODUCT DESIGNS

Third-party verified for proper design and manufacturing
Unbiased assurance of safety
Performance testing and verification

DASH PRODUCT FAMILY

With the Dash Cloud Service, all alerts & footage are encrypted and securely retained off-site for up to 30 days. The Dash app's easy to use playback feature makes reviewing historical footage as simple & easy as 1,2,3!

DINGER
WIFI VIDEO DOORBELL
• Super Wide Angle
• NVR Compatible
• Night Vision
• Works with Chimes
• HD Video
• Two-Way Talk
• PIR Detection
• Cloud Service
• Retrofit
• WiFi Connector
• H.265 Codec

SINGER
CHIME KIT
• Plug & Play
• Easy to Install
• Mobile Application
• Multiple Ringtones

FLOODER
WIFI VIDEO FLOODLIGHT CAMERA
• 1080P FHD Video
• Two-Way Talk
• H.265 Codec
• Wi-Fi, 2x2 MIMO
• Active Deterence
• Multiple Lighting Modes
• IP65
• Micro SD Card Slot

DASH

READY. SET. WOW!
Dash is a home surveillance solution reimagined to connect you to every corner of your home. Be the first to know, day or night, when something's not right.

CLOUD SECURITY
128 bit AES encryption on footage & snapshots and 256 bit AES for personal data. Dash protects your privacy from all angles.
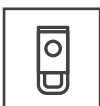
INSTANT ALERTS
Create zones and set custom schedules to receive the alerts you really want.

VIDEO HISTORY
Watch, share and export events effortlessly whether stored on the cloud or locally.

STAY CONNECTED
Surround your home with smart security devices from the Dash product line.

EDGE SERIES

The line consists of an 8 channel NVR recorder with built-in POE and a great combination of 2-4MP bullet and dome IP cameras. Dealers can now compete with aggressive surveillance offerings and still maintain a 3 year warranty supported by a US based dealer and end user technical support.

DOME

IPEG-D20V-IRW1 | IPEG-D40V-IRW1
IP Dome Camera with a 2.7mm~12mm varifocal lens and true Day/Night viewing.

2MP **4MP**

IPEG-D20V-IRW2 | IPEG-D40V-IRW2
IP Indoor/Outdoor Mid Size Vandal Dome. Varifocal 2.8-12mm Motorized Lens.

2MP **4MP**

IPEG-D20F-IRW1 | IPEG-D40F-IRW1
IP Indoor/Outdoor Small Size Vandal Dome. Fixed 2.8mm Lens.

2MP **4MP**

IPEG-E40F-IRW1
4MP IP Indoor/Outdoor Small Size Eyeball Dome. Fixed 2.8mm Lens (106°).

4MP

ICR-D2000-IR
2MP IP Indoor/Outdoor Small Size Vandal Eyeball Dome. Fixed 2.8mm Lens.

2MP

BULLET

IPEG-B20V-IRW1 | IPEG-B40V-IRW1
IP Bullet Camera with a 2.7mm~12mm varifocal lens and true Day/Night viewing.

2MP **4MP**

IPEG-B20F-IRW1 | IPEG-B40F-IRW1
IP Indoor/Outdoor small size bullet. Fixed 2.8mm lens

2MP **4MP**

IPEG-B20V-IRW2 | IPEG-B40V-IRW2
IP Indoor/outdoor mid size bullet. Varifocal 2.8-12mm motorized lens.

2MP **4MP**

NVR-208NS
8 Channel Lite 4K NVR with 80Mbps Incoming Max. Includes 1TB HDD (1 bay)

8CH

IP DOME CAMERAS

IC Realtime's line of IP Dome Cameras features top of the line surveillance cameras designed to survive harsh weather, vandals and more.

ICIP-D8123-IR
12MP 4K IP Indoor/Outdoor Full Size Vandal Dome. Varifocal 4.1-16.4 Motorized Lens (105° - 35°). 164 Feet Smart IR. POE+ Capable. AI (Advanced Intelligence) On-Board Analytics.

ICIP-D4001IR-I-D
4MP IP Indoor/Outdoor Small Size Vandal Dome. Fixed 2.8mm Lens (104°). 98 Feet Smart IR. Tinted Dome. POE Capable. AI (Advanced Intelligence) On-Board Analytics. H.265

IPFX-D80V-IRW1
8MP IP Indoor/Outdoor Mid Size Vandal Dome. Varifocal 2.7-12mm Motorized Lens (110° - 40°). 164 Feet Smart IR. POE Capable. AI (Advanced Intelligence) On-Board Analytics.

IPMX-W40F-IRW1
4MP IP Indoor/Outdoor Small Size wedge Vandal Dome. Fixed 2.8mm Lens (104°). 60 Feet IR. POE Capable. AI (Advanced Intelligence) On-Board Analytics. Built in Mic. H.265

IPEL-E80F-IRW1
8MP 4K IP Indoor/Outdoor Mid Size Turret Style Dome. Fixed 2.8mm Lens (87°). 164 Feet Smart IR. POE Capable. AI (Advanced Intelligence) Analytics, FaceDetect, Built in Mic, H.265

IPMX-E40F-IRW1
4MP IP Indoor/Outdoor Small Size Eyeball Dome. Fixed 2.8mm Lens (106°). 98 Feet Smart IR. POE Capable. AI (Advanced Intelligence) On-Board Analytics. H.265

IPEL-D40V-IRW1
4MP IP Indoor/Outdoor Full Size Vandal Dome. Varifocal 2.7-12mm Motorized Lens (100° - 33°). 150 Feet Smart IR. POE Capable. AI (Advanced Intelligence) Analytics, MicroSD 128, H.264

ICIP-D3812SL5
3MP IP Indoor/Outdoor Full Size Vandal Dome. ISniper. Varifocal 2.8-12mm Motorized Lens (87° - 31°). 150 ft Smart IR. POE Capable. AI On-Board Analytics. People Counting 60fps H.265

IP DOME CAMERAS

IPFX-D40V-IRW1
4MP IP Indoor/Outdoor Mid Size Vandal Dome. Varifocal 2.8-12mm Motorized Lens (98° - 30°). IVS, 90 Feet Smart IR. POE Capable. MicroSD 128. H.265

ICIP-D2022-28-C
2MP IP Indoor Recessed Mount Starlight Dome. Fixed 2.8mm Lens (110°). Built-In MIC, POE Capable. AI (Advanced Intelligence) On-Board Analytics. 60fps. H.265

IPFX-D40V-IRW1
2MP IP Indoor/Outdoor Mid Size Vandal Dome. Varifocal 2.8-12mm Motorized Lens (98° - 30°). 90 Feet Smart IR. POE Capable. H.265

IPMX-W20F-IRW1
2MP IP Indoor/Outdoor Small Size wedge Vandal Dome. Fixed 2.8mm Lens (120°). 60 Feet IR. POE Capable. AI (Advanced Intelligence) On-Board Analytics. Built in Mic, IVS. H.265

ICIP-D2001-IR-D
2MP IP Indoor/Outdoor Small Size Vandal Dome. Fixed 3.6mm Lens (87°). 98 Feet IR. POE Capable. IVS. 60fps. H.265

IPMX-D20F-IRW1
2MP IP Indoor/Outdoor Small Size Vandal Dome. Fixed 2.8mm Lens (110°). 98 Feet IR. POE Capable (Tinted Dome). IVS. H.265

IPMX-E20F-IRW1
2MP IP Indoor/Outdoor Small Size Vandal Eyeball Dome. Fixed 3.6mm Lens (86°). 98 Feet IR. POE Capable. IVS, H.265 60fps. H.265

IPMX-E20F-IRB1
2MP IP Indoor/Outdoor Small Size Vandal Eyeball Dome. Fixed 3.6mm Lens (86°). 60 Feet IR. POE Capable (Black Housing). H.265

IPMX-D20F-W1
2MP IP Indoor Small Dome. Fixed 2.8mm Lens (110°). POE Capable. No IR, IVS, Face Detection, Built in Mic. 60fps. H.265

IPEL-D20V-IRS1
2MP IP Indoor/Outdoor Full Size Anti-Corrosion Vandal Dome. iSniper. Varifocal 4.1-16.4mm Motorized Lens (92° - 32°). 164 Feet Smart IR. POE Capable. AI On-Board Analytics. Marine. H.265

IP BULLET CAMERAS

IC Realtime's IP Bullet Cameras are designed for sleek, powerful surveillance that can survive harsh weather.

ICIP-B2001-IR-B
2MP IP Indoor/Outdoor Small Size Bullet. Fixed 3.6mm Lens (93°). 100 Feet IR. POE Capable (Black Housing). H.265

IPEL-B80V-IRW1
8MP 4K IP Indoor/Outdoor Small Size Bullet. Fixed 4mm Lens (87°). 130 Feet Smart IR. POE Capable. AI (Advanced Intelligence) On-Board Analytics. H.265

ICIP-B8121-IR
12MP 4K IP Indoor/Outdoor Full Size Bullet. Varifocal 4.1-16.4mm Motorized Lens (85° - 35°). 164 Feet Smart IR. POE + Capable. AI (Advanced Intelligence) On-Board Analytics. H.265

IPEL-B2012X-IRW1
2MP IP Indoor/Outdoor Full Size Bullet. Varifocal 5.3 - 64mm Motorized Lens (59° - 34°). 600 Feet Smart IR. POE Capable. AI (Advanced Intelligence) On-Board Analytics. 60fps. H.265

ICIP-T802-I
2MP IP Indoor Mini Pinhole. 2.8mm Lens. POE Capable. AI On-Board Analytics. H.265

IPFX-B40V-IRW1
4MP IP Indoor/Outdoor Mid Size Bullet. Varifocal 2.7-12mm Motorized Lens (100° - 33°). IVS, 100 Feet Smart IR. POE Capable. H.265

IPMX-B40F-IRW1
4MP IP Indoor/Outdoor Small Size Bullet. Fixed 2.8mm Lens (84°). 90 Feet Smart IR. POE Capable. AI (Advanced Intelligence) On-Board Analytics.

ICIP-B3812SL5
3MP IP Indoor/Outdoor Full Size Bullet. iSniper. Varifocal 2.8-12mm Motorized Lens (87° - 31°). 150 Feet Smart IR. POE Capable. AI On-Board Analytics. 60fps. H.265

IPFX-B20V-IRW1
2MP IP Indoor/Outdoor Mid Size Bullet. Varifocal 2.8-12mm Motorized Lens (98° - 30°). 90 Feet Smart IR. POE Capable. H.265

IPMX-B20F-IRW1
2MP IP Indoor/Outdoor Small Size Bullet. Fixed 3.6mm Lens (93°). 100 Feet IR. POE Capable. H.265

IP PTZ CAMERAS

IC Realtime's next generation PTZ Cameras offer ultra high performance and are designed for powerful surveillance that can survive harsh weather. Most are equipped with Advanced Intelligence Video Analytics.

ICIP-P8405-IR
8MP IP Full Size 4K STARLIGHT PTZ. 40X Optical Zoom. 1476 Feet Smart IR. Hi-POE Capable. AI (Advanced Intelligence) On-Board Analytics. (Gooseneck Wall Mount Included). H.265

IPEL-P2045X-IRW1
2MP IP Full Size PTZ. 40X Optical Zoom. I-SnIPer. 1500 Feet Smart Laser. Hi-POE Capable. AI (Advanced Intelligence) with Auto Object Tracking. (Goose neck Wall Mount Included). H.265

IPEL-P5030X-IRW1
5MP IP Full Size PTZ. 30X Optical Zoom. 300 Feet Smart IR. Hi-POE Capable. AI (Advanced Intelligence) On-Board Analytics. (Wall Mount Included). H.265

IPFX-P4030X-IRW1
4MP IP Mid Size PTZ. 30X Optical Zoom. 240 Feet Smart IR. POE + Capable. AI (Advanced Intelligence) On-Board Analytics. (Goose neck Wall Mount Included). H.265

MAIP-P2030SL5
2MP IP Full Size Anti-Corrosion PTZ. 30X Optical Zoom. I-Sniper. POE +. Basic Intelligence with Auto Object Tracking. (Wall Mount Included). Marine, 4.5-135mm, H.265

ICIP-30001HD-IR-I
2MP IP Full Size PTZ. 30X Optical Zoom. 450 Feet Smart IR. AI (Advanced Intelligence) On-Board Analytics. (Gooseneck Wall Mount Included). H.265

ICIP-P2012S
2MP IP Mid Size PTZ. 12X Optical Zoom. POE + Capable. (Gooseneck Wall Mount Included). H.265

ICIP-P2012T
2MP IP Mid Size PTZ. 12X Optical Zoom. POE + Capable. (Flush Mount Included). H.265

ICIP-P2040W-IR
2MP IP WiFi Indoor Small Size PTZ. 4X Optical Zoom. (Flush Mount). (112.5° ~ 39°) 12VDC. H.264

IP 180° & 360° SPHERICAL CAMERAS & MULTI-LENS CAMERAS

It's no secret that there's a need for wide coverage options ranging from 180-degree to 360-degree angles. IC Realtime debuts their new multisensor camera which will address affordability, quality, and situational coverage - all in a tidy package.

The flexibility to capture wide area footage is immense - and with 4 adjustable 2MP lenses, the camera replaces multiple single sensor cameras.

The unit is ideal for monitoring wide open spaces, building corners, parking lots and intersecting hallways. IR synchronicity - which adjusts in sync with the position of each sensor, produces clear imagery in total darkness.

IPEL-M80V-IRW1
4 x 2MP Multi Lens IP Dome. I-Sniper. 4 x 2.7 - 12 mm Motorized Lens (105° ~ 44°). 98 Feet of IR. POE+ Capable. AI (Advanced Intelligence) On-Board Analytics. H.265

M40F-IRW1
2 X 2MP Dual Lens IP Wedge Dome. I-Sniper. 2 X 2.8 Fixed Lenses (110°). 66 Feet of IR. Built-In Mic, POE Capable. AI (Advanced Intelligence). H.265

IPEL-M60F-IRW1
3x 2MP (6MP Total) IP Indoor/Outdoor 180° Panoramic Full Size Bullet. I-Sniper. 3x 3.6mm Fixed Lens (180°). 98 Feet Smart IR. POE+ Capable. AI (Advanced Intelligence). H.265

IPEL-M80F-IRW1
4x 2MP (8MP Total) IP 180° Panoramic Dome. iSniper. 4x 3.0mm Fixed Lens (180°). 98 Feet Smart IR. POE+ Capable. H.265

(Wall mount and power supply not included)

IPEL-F50F-W1
5MP Indoor 360° Spherical Dome. 1.18mm Fisheye Lens (360°). Built in Microphone. POE Capable. H.265

INTRODUCING ELLA

ella is the first cloud-based deep-learning engine that augments surveillance systems with natural language search capabilities to recognise and find objects, colours, people, vehicles and more. ella makes every second of video instantly searchable.

ANY DEVICE
Open to all video streams. Record with any Android, iOS, B rowser, VMS, NVR, or IP camera.

CLOUD STORAGE
ella serves all recorded video from the cloud. You'll never have to worry about reliability or speed.

PERSONALISED ALERTS
Search-based video alerts tell you whenever something important happens that matches your query.

Intelligent Video Search Engine
Our new product 'ella' is an open platform for smart video monitoring. From singular home cameras to data centers that stream 1000s of cameras, ella works with all cameras, DVRs, NVRs, and VMSs that support standard H.264 RTSP video streams.

With ella it's simple.
Just ask ella what you're looking for and in seconds it's there. ella is compatible with most brands that are currently being sold and is open to industry standard RTSP video.

"Look for a White Vehicle on Friday
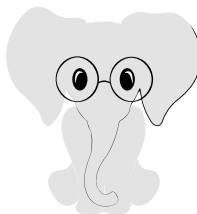
Using advanced machine learning algorithms, ella can identify & show important events that were recorded. ella continuously learns what you care about improving daily alerts & summaries..

NETWORK RECORDERS

IC Realtime's line of Network Video Recorders (NVRs) offer power, flexibility and scalability. From small business to large corporations to the unique needs of law enforcement, our recorders offer top of the line performance.

NVR-6064K
64 Channel 2U Rackmount 4K NVR. Up to 12MP IP Camera Support. 256Mbps Camera Throughput. Up to 64TB (No HDD Included).

NVR-6032K
32 Channel 2U Rackmount 4K NVR. Up to 12MP IP Camera Support. 256Mbps Camera Throughput. Up to 64TB (No HDD Included).

NVR-7516K
16 Channel 2U Rackmount 4K NVR. Integrated 16 Port POE Switch. Up to 8MP IP Camera Support. 200Mbps Camera Throughput. Up to 48TB (No HDD Included).

NVR-716NS
16 Channel 1U Shelfmount NVR. Integrated 16 Port POE Switch. Up to 5MP IP Camera Support. 200Mbps Camera Throughput. Up to 12TB (No HDD Included).

NVR-708NS
8 Channel 1U Shelfmount NVR. Integrated 8 Port POE Switch. Up to 5MP IP Camera Support. 200Mbps Camera Throughput. Up to 12TB (No HDD Included).

HARD DRIVE UPGRADES
Upgrade your recorder with additional surveillance grade recorder hard drives.

500GB SATA HDD	4TB SATA HDD
1TB SATA HDD	6TB SATA HDD
2TB SATA HDD	8TB SATA HDD
3TB SATA HDD	10TB SATA HDD

zappiti 4K HDR

ZAPPITI 4K HDR PLAYERS
A CINEMA REVOLUTION
IN YOUR HOME

DISCOVER THE FUTURE OF
ENTERTAINMENT: ZAPPITI 4K HDR

Supporting almost all video and audio formats, codecs and file containers, including all modern video standards such as HEVC / H.265, 4K HDR and 3D, the Zappiti Player 4K HDR family sets an entirely new standard. With three sizes for different storage requirements, all Zappiti 4K HDR Players deliver native and upscaled 4K HDR, using Zappiti MagicPixel processing for impeccable video viewing on both 4K HDR or 1080p displays.

THE ULTIMATE MEDIA CENTRE: 4K upscaling · Ultra HD playback · HDR · Zappiti MagicPixel · Gigabit Ethernet
zappiti.com.au

ZAPPITI 4K MINI PLAYER WITH HDR
Z.PLAYER 4K MINI HDR

- Chipset: Realtek RTD1295
- CPU: ARM® Cortex® CA53 x4 (Quad Core). GPU: Mali™-T820 MP3 (3 Core)
- Operating System: 64-Bit. External hardrive only
- DSP: Video and Audio DSP with hardware acceleration
- Cache: 1 MB L2. RAM: 2 GB DDR4. NAN eMMC: 8 GB (5.0)
- Connectors: HDMI 2.0a, 2x USB 2.0, 1x USB 3.0, audio / video analog output
- Long range IR remote: The Zappiti Player is provided with an IR remote

Z.PLAYER ONE SE 4K HDR
In addition to the features in the Zappiti Player One 4k HDR, the Zappiti Player One SE 4K HDR features:

- 2 HDMI outputs (HDMI main & HDMI Audio Only)
- High quality gold-plated output ports
- IR Extender
- Removable Wi-Fi antennas

Z.PLAYER PRO 4K HDR
In addition to the features in the Z.Player Duo 4K HDR, the Zappiti Player PRO 4k HDR features:

- ISF Certified
- 2 HDMI outputs (HDMI main & HDMI Audio Only)
- High quality gold-plated output ports
- R-Core high end power supply
- ESS Sabre 9038 DAC
- Zero signal transport
- Upgraded Remote Control
- High sensitivity IR sensor
- 6.35mm Headphone output
- Headphone amplifier
- 5 USB ports

EISA AWARD Best Product 2020-2021
HOME THEATRE MEDIA PLAYER
Zappiti Pro 4K HDR

Zappiti NAS Rip 4K HDR
STORE YOUR MOVIES AND AUDIO COLLECTIONS

Powerful 8-bay NAS with RIP function to back up your 4K UHD, Blu-ray 3D, Blu-ray, DVD and CD discs. Perfect to enjoy multi room audio and video (including movies and TV shows) throughout your whole home.

With high performance video processing technology and a rich media centre application, the Zappiti NAS RIP 4K HDR delivers an optimal value for Zappiti users to build up an ideal audio / video library storage and feature rich entertainment hub. The Zappiti NAS RIP 4K HDR stores movies and TV shows reliably on a modern array of hard disk drives without compression or loss of quality. Designed and assembled in France (Europe), the Zappiti NAS RIP 4K HDR is highly scalable and able to continue operating even after a drive failure, without losing any content.

Z.PLAYER ONE 4K HDR
In addition to the features in the Z.Player Mini 4K HDR, the Zappiti Player One 4k HDR features:

- HDD Enclosure with Hot Swap Function: Easily and quickly insert and exchange internal 3.5" SATA HDDs (up to 16 TB total storage internally)
- NAN eMMC: 16 GB (5.0)
- 5 USB ports
- Coaxial Audio Output
- Android 6.0

Z.PLAYER DUO 4K HDR
In addition to the features in the Z.Player One 4K HDR, the Zappiti Player Duo 4k HDR features:

- Dual HDD Enclosure with Hot Swap Function: Easily and quickly insert and exchange internal 3.5" SATA HDDs (up to 32 TB total storage internally).
- 7 USB ports (including front panel USB port)
- Acoustic isolation feet
- Chassis is full rack width
- Fixed antennas

Z.PLAYER PRO 4K HDR Audiocom Cinema Edition
In addition to the features in the Z.Player PRO 4K HDR, the Zappiti Player PRO 4k HDR ACE features:

- Power Supply upgrades (including Schottky diodes, audio grade low ESR capacitors)
- Main Board and Zero Signal board modifications
- Femto Clock
- New power supply filtering (Furutech NFC IECV inlet with 6N copper wiring)
- EMI/RFI Conditioning
- Winner of the Best Product Award by CePro

CEPro BEST PRODUCT
AWARDS @ CEDIA EXPO 2020
WINNER

IR Codes: logitech · BOSE PROFESSIONAL · BANG & OLUFSEN · URC Control the Experience.

IP Drivers: SAVANT · Control4 · RTI · CRESTRON · URC Control the Experience.

ZIGEN

HDMI 4K SLIM CABLES

ZIG-HDMI- 0.5M
ZIGEN 0.5M HDMI 2.0 CABLE
• 18 GBPS Support on 0.5-M, 1.0-M, 2.0M and 3.0-M Cables
• 4Kx2K Support. ARC Support. Ethernet Support
• 48-BIT colour Support. High Speed Support
• 3D Support. RoHs Compliant. CL2 Rated for In-Wall Installations
• Redesigned grip connections supports 20 lb tension strength

ZIG-HDMI- 1ME
ZIGEN 1M HDMI 2.0 CABLE
• 18 GBPS Support on 0.5-M, 1.0-M, 2.0M and 3.0-M Cables
• 4Kx2K Support. ARC Support. Ethernet Support
• 48-BIT colour Support. High Speed Support
• 3D Support. RoHs Compliant. CL2 Rated for In-Wall Installations
• Redesigned grip connections supports 20 lb tension strength

ZIG-HDMI-2M
ZIGEN 2M HDMI 2.0 CABLE
• 18 GBPS Support on 0.5-M, 1.0-M, 2.0M and 3.0-M Cables
• 4Kx2K Support. ARC Support. Ethernet Support
• 48-BIT colour Support. High Speed Support
• 3D Support. RoHs Compliant. CL2 Rated for In-Wall Installations
• Redesigned grip connections supports 20 lb tension strength

ZIG-HDMI- 3M
ZIGEN 3M HDMI 2.0 CABLE
• 18 GBPS Support on 0.5-M, 1.0-M, 2.0M and 3.0-M Cables
• 4Kx2K Support. ARC Support. Ethernet Support
• 48-BIT colour Support. High Speed Support
• 3D Support. RoHs Compliant. CL2 Rated for In-Wall Installations
• Redesigned grip connections supports 20 lb tension strength

ZIG-HDMI- 4M
ZIGEN 4M HDMI 1.4B CABLE
• 10.2 GBPS Support on 4.0-M and 5.0-M Cables
• 4Kx2K Support. ARC Support. Ethernet Support
• 48-BIT colour Support. High Speed Support
• 3D Support. RoHs Compliant. CL2 Rated for In-Wall Installations
• Redesigned grip connections supports 20 lb tension strength

ZIG-HDMI- 5M
ZIGEN 5M HDMI 1.4B CABLE
• 10.2 GBPS Support on 4.0-M and 5.0-M Cables
• 4Kx2K Support. ARC Support. Ethernet Support
• 48-BIT colour Support. High Speed Support
• 3D Support. RoHs Compliant. CL2 Rated for In-Wall Installations
• Redesigned grip connections supports 20 lb tension strength

ZIG-HDMI- 0.5M PACK
ZIGEN 0.5M HDMI CABLE 12 PACK - ONLY PAY FOR 10
Transmits HDMI over HDBaseT for 70m

ZIG-HDMI- 1M PACK
ZIGEN 1M HDMI CABLE 12 PACK - ONLY PAY FOR 10
Buy 10 Cables and get 2 free of charge

ZIG-HDMI-2M PACK
ZIGEN 2M HDMI CABLE 12 PACK - ONLY PAY FOR 10
Buy 10 Cables and get 2 free of charge

ZIG-HDMI- 3M PACK
ZIGEN 3M HDMI CABLE 12 PACK - ONLY PAY FOR 10
Buy 10 Cables and get 2 free of charge

ZIG-HDMI- 4M PACK
ZIGEN 4M HDMI CABLE 12 PACK - ONLY PAY FOR 10
Buy 10 Cables and get 2 free of charge

ZIG-HDMI- 5M PACK
ZIGEN 5M HDMI CABLE 12 PACK - ONLY PAY FOR 10
Buy 10 Cables and get 2 free of charge

HDMI 2.0 PREMIUM CERTIFIED CABLES

ZIG-ZPC-3M
HDMI 2.0 PREMIUM 18G HIGH SPEED CABLE 3M
• HDR Support 10-bit, Dolby Vision Support 12-bit, ARC Support
• 16-bit support per channel, Ethernet Support
• 3D Support, 18-GBPS, RoHs Compliant
• CL3 Rated for In-Wall Installations
• Grip connector supports 9kg tension strength

ZIG-ZPC-4.5M
HDMI 2.0 PREMIUM 18G HIGH SPEED CABLE 4.5M
• HDR Support 10-bit, Dolby Vision Support 12-bit, ARC Support
• 16-bit support per channel, Ethernet Support
• 3D Support, 18-GBPS, RoHs Compliant
• CL3 Rated for In-Wall Installations
• Grip connector supports 9kg tension strength

ZIG-ZPC-6M
HDMI 2.0 PREMIUM 18G HIGH SPEED CABLE 6M
• HDR Support 10-bit, Dolby Vision Support 12-bit, ARC Support
• 16-bit support per channel, Ethernet Support
• 3D Support, 18-GBPS, RoHs Compliant
• CL3 Rated for In-Wall Installations
• Grip connector supports 9kg tension strength

ZIG-ZPC-7.5M
HDMI 2.0 PREMIUM 18G HIGH SPEED CABLE 7.5M
• HDR Support 10-bit, Dolby Vision Support 12-bit, ARC Support
• 16-bit support per channel, Ethernet Support
• 3D Support, 18-GBPS, RoHs Compliant
• CL3 Rated for In-Wall Installations
• Grip connector supports 9kg tension strength

ZIG-ZPC-9.15M
HDMI 2.0 PREMIUM 18G HIGH SPEED CABLE 9.15M
• HDR Support 10-bit, Dolby Vision Support 12-bit, ARC Support
• 16-bit support per channel, Ethernet Support
• 3D Support, 18-GBPS, RoHs Compliant
• CL3 Rated for In-Wall Installations
• Grip connector supports 9kg tension strength

HDMI 2.1 8K FIBER ACTIVE CABLES

ZIG-AOC-8-10M
HDMI 2.1 ACTIVE OPTICAL CABLE 10M
• HDCP 1.x and 2.x, Autonomous EDID Management
• 48-Gbps 8K 50/60Hz, Supports VESA, 2K, 4K, 5K, 8K and 10K
• 48-Gbps 4K 50/60/100/120Hz, HDR-10, HDR+, HLG, Dolby Vision
• HDMI 2.1 / HDMI 2.0 / HDMI 1.4
• eARC (Enhanced Audio Return Channel)

ZIG-AOC-8-15M
HDMI 2.1 ACTIVE OPTICAL CABLE 15M
• HDCP 1.x and 2.x, Autonomous EDID Management
• 48-Gbps 8K 50/60Hz, Supports VESA, 2K, 4K, 5K, 8K and 10K
• 48-Gbps 4K 50/60/100/120Hz, HDR-10, HDR+, HLG, Dolby Vision
• HDMI 2.1 / HDMI 2.0 / HDMI 1.4
• eARC (Enhanced Audio Return Channel)

ZIG-AOC-8-20M
HDMI 2.1 ACTIVE OPTICAL CABLE 20M
• HDCP 1.x and 2.x, Autonomous EDID Management
• 48-Gbps 8K 50/60Hz, Supports VESA, 2K, 4K, 5K, 8K and 10K
• 48-Gbps 4K 50/60/100/120Hz, HDR-10, HDR+, HLG, Dolby Vision
• HDMI 2.1 / HDMI 2.0 / HDMI 1.4
• eARC (Enhanced Audio Return Channel)

ZIG-AOC-8-30M
HDMI 2.1 ACTIVE OPTICAL CABLE 30M
• HDCP 1.x and 2.x, Autonomous EDID Management
• 48-Gbps 8K 50/60Hz, Supports VESA, 2K, 4K, 5K, 8K and 10K
• 48-Gbps 4K 50/60/100/120Hz, HDR-10, HDR+, HLG, Dolby Vision
• HDMI 2.1 / HDMI 2.0 / HDMI 1.4
• eARC (Enhanced Audio Return Channel)

ZIG-AOC-8-40M
HDMI 2.1 ACTIVE OPTICAL CABLE 40M
• HDCP 1.x and 2.x, Autonomous EDID Management
• 48-Gbps 8K 50/60Hz, Supports VESA, 2K, 4K, 5K, 8K and 10K
• 48-Gbps 4K 50/60/100/120Hz, HDR-10, HDR+, HLG, Dolby Vision
• HDMI 2.1 / HDMI 2.0 / HDMI 1.4
• eARC (Enhanced Audio Return Channel)

ZIG-AOC-8-50M
HDMI 2.1 ACTIVE OPTICAL CABLE 50M
• HDCP 1.x and 2.x, Autonomous EDID Management
• 48-Gbps 8K 50/60Hz, Supports VESA, 2K, 4K, 5K, 8K and 10K
• 48-Gbps 4K 50/60/100/120Hz, HDR-10, HDR+, HLG, Dolby Vision
• HDMI 2.1 / HDMI 2.0 / HDMI 1.4
• eARC (Enhanced Audio Return Channel)

SAVANT
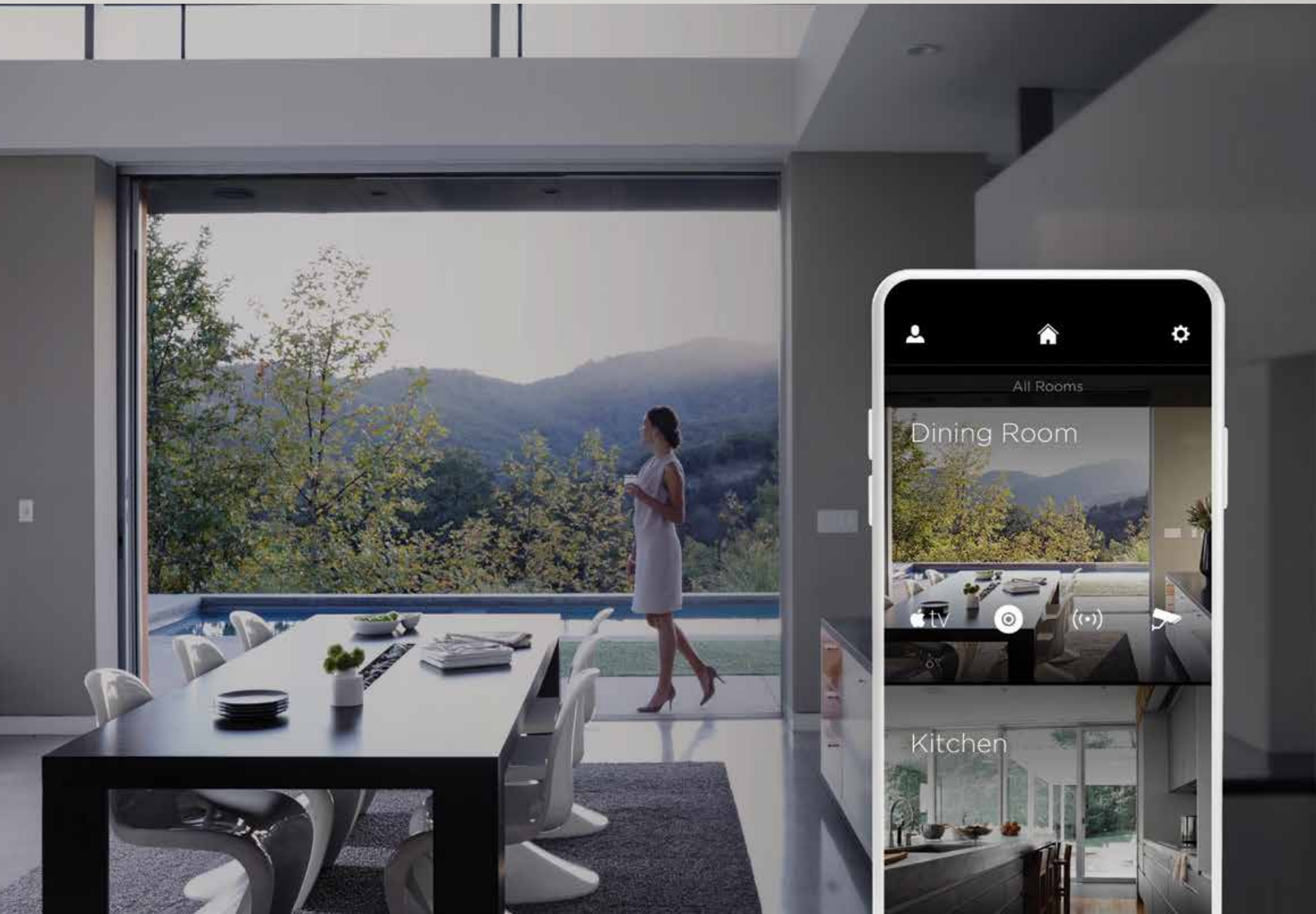
Luxury whole-home systems customised for the way you live

savant.com