



# MEDIA DISTRIBUTION SOLUTIONS GUIDE

Control 

# CONTENTS

<b>INTRODUCTION</b>	<b>4</b>
Control4 Media Distribution Solutions	
The Media Distribution Family	
The Control4 Ecosystem	
About this Guide	

<b>RESIDENTIAL SYSTEM APPLICATIONS</b>	<b>8</b>
Small AV Solution	
Medium AV Solution	
Large AV Solution	

<b>COMMERCIAL SYSTEM APPLICATIONS</b>	<b>20</b>
Restaurant AV Solution	
Sports Bar AV Solution	

<b>MEDIA DISTRIBUTION PRODUCTS</b>	
Audio Matrix Switchers	<b>28</b>
Amplifiers	<b>30</b>
Audio Sources	<b>32</b>
AV Receivers	<b>36</b>
Speakers	<b>38</b>
Video Matrix Switchers	<b>40</b>
Video Extenders	<b>44</b>
HDMI Distribution Amplifiers	<b>46</b>
Video Sources	<b>48</b>
Video Projectors	<b>49</b>
AV Accessories	<b>50</b>
Control4 User Interfaces	<b>53</b>



# INTRODUCTION

## CONTROL4 MEDIA DISTRIBUTION SOLUTIONS

When it comes to media distribution, there are several product options available to custom installers today. But your company is in the business of designing integrated systems and amazing AV experiences—not just installing products. So, with the myriad of “black boxes” out there, how do you choose what makes the most sense for your business?

At Control4, we strive to be your comprehensive AV and automation solutions partner—delivering much more than inputs and outputs, product specs and features. Here’s why it makes sense to rely on Control4 for your media distribution needs:

### Integration-Friendly AV Solutions

Control4 media distribution products allow for simplified programming and flexible installation options. And, Composer Pro, combined with an ever-growing list of IP, serial and IR drivers for third-party products, drastically reduced system setup time—allowing you to get in, get out and get paid, faster.

### Sales, Design and Installation Resources

An assortment of consumer literature, videos and demonstration equipment, as well as dealer installation videos and documentation are available—giving you the tools you need to get more jobs and to get them done right the first time. Check out the “Resources” section of the Control4 dealer portal to see it all.

### Online, Anytime Ordering

The Control4 dealer portal is an award winning e-commerce site that gives you the

flexibility to research products and place orders when it is most convenient for you.

### Partner AV Solutions

A huge assortment of third-party AV products, carefully selected to complement Control4 media distribution solutions are available for order on the Control4 dealer portal. Many products include certified drivers—so you can be confident they will integrate seamlessly with Control4. In addition, all partner product purchases go toward your annual Control4 purchase requirements and count towards dealer status.

### Award-Winning Service and Support

Ready to assist you every step of the way, our service and support teams help ensure successful installations and satisfied customers. In addition, Control4 offers comprehensive product warranties and service on all Control4 Media Distribution products provide the added assurance that your installations are covered.





# INTRODUCTION

## THE CONTROL4 MEDIA DISTRIBUTION FAMILY

Designed to integrate seamlessly, all Control4 media distribution products deliver superior sound, stunning HD video quality and automated audio and video functionality. All products showcase a consistent, sleek industrial design that provides a polished, professional look in any rack.

### Wireless Music Bridge

This award-winning streaming audio solution allows your clients to stream virtually any music service from a phone, tablet or computer throughout the home or office. “Automagic” functionality allows music to turn on in one or multiple audio zones, simply by streaming music to the Wireless Music Bridge. Best of all, programming can be completed in about 15 seconds within Composer Pro!

### 16 x 16 Audio Matrix Switch

The go-to solution for Control4 distributed audio installations. The Control4 Audio Matrix Switch provides seamless integration and two-way feedback with Control4 user interfaces. Features include wide dynamic range and smooth volume ramping for superior sound quality.

### 8 x 8 HDMI Matrix Switch

The most reliable and easiest to install HDMI matrix switch available for a Control4 system! Features full HDBaseT technology—

delivering audio, video, Ethernet and control over a single CAT5e/6 cable to every video display. In addition, EDID management, and an embedded calibration tool within Composer Pro provide fast and reliable video switching, every time.

### 100 Series 4 and 8-Zone Non-Matrix Amplifiers

Built for installations small, large and everything in between, these flexible amplifiers provide 55W per channel and are stable to 4 Ohms. Features include bridgeable amplifier outputs for larger speakers and audio zones, automatic signal-sensing inputs for energy savings and line level loop outputs for scaling to larger installations.

### 4 and 8-Zone Matrix Amplifiers

Full matrix switching, amplification and volume control in one product. 60W (4-Zone) and 120W (8-Zone) per channel, combined with an advanced parametric equalizer deliver professional quality sound.

## THE CONTROL4 ECOSYSTEM

When Control4 and partner media distribution products are combined within a Control4 ecosystem, your clients experience an immersive audio and video experience. Technology disappears, and the user simply interacts with their favorite movies and music from an intuitive Control4 user interface.

At Control4, our commitment is to continue the development of innovative media distribution solutions, while also expanding our driver database for third-party products—further enhancing the Control4 audio/video experience and making Control4 your source for all things AV.

## ABOUT THIS GUIDE

The *Media Distribution Solutions Guide* was created to provide dealers with a few system examples, showing how Control4 and partner media distribution products can integrate together in a Control4 ecosystem. In addition, key Control4 and partner products are highlighted to assist in the design and specification of media distribution systems.

To learn even more about each product and view content such as product videos, data sheets, documentation and more, be sure to visit the Control4 dealer portal. Detailed information can easily be found by either browsing through the Products section or by entering the product SKU number (listed in this guide) into the search field in the top right corner of the dealer portal.



# SMALL RESIDENTIAL AV SOLUTION



## SOLUTION BENEFITS

Access to cloud-based music and movie services, local hard-drive stored media content and satellite TV in up to four rooms.

Intuitive control over all media content and AV equipment throughout the house from simple Control4 user interfaces.

Using the Control4 Wireless Music Bridge, audio turns on “automagically” in designated areas of the home simply by streaming audio from a mobile device or computer.

On-screen control in the Living Room of all system features, including control of local AV equipment—replacing multiple remotes with one simple user interface.

Centralized placement of audio and video equipment greatly minimizes equipment and wiring clutter in each room.

## EQUIPMENT LIST

### Equipment Rack

- (1) Control4 4-Zone Matrix Amplifier C4-8AMP1-B
- (1) Control4 HC-800 Controller C4-HC800-BL-1
- (1) Control4 Wireless Music Bridge C4-WMB-B
- (1) Leaf 4x4 HDBaseT Switcher ZLE-LHDMI66P
- (1) Leaf Digital Audio Converter ZLE-LAC
- (1) Apple TV
- (2) Satellite Receiver
- (1) Luxul 24 Port Ethernet Switch ZLU-XGS-1024S
- (1) Wireless Router

### Master Bedroom

- (1) Control4 7” Portable Touch Screen C4-TSMC7-EN-BL
- (1) Leaf HDBaseT Receiver (included with Leaf 4x4 HDBaseT Switcher) LB1
- (1) TruAudio In-Ceiling Speakers, Pair ZTR-GC-6
- (1) Video Display

### Second Bedroom

- (1) Apple iPhone with Control4 App
- (1) Leaf HDBaseT Receiver (included with Leaf 4x4 HDBaseT Switcher) LB1
- (1) TruAudio In-Ceiling Speakers, Pair ZTR-GC-6
- (1) Video Display

### Kitchen

- (1) Apple iPad with Control4 App
- (1) Leaf HDBaseT Receiver (included with Leaf 4x4 HDBaseT Switcher) LB1
- (1) TruAudio In-Ceiling Speakers, Pair ZTR-GC-6
- (1) Video Display

### Living Room

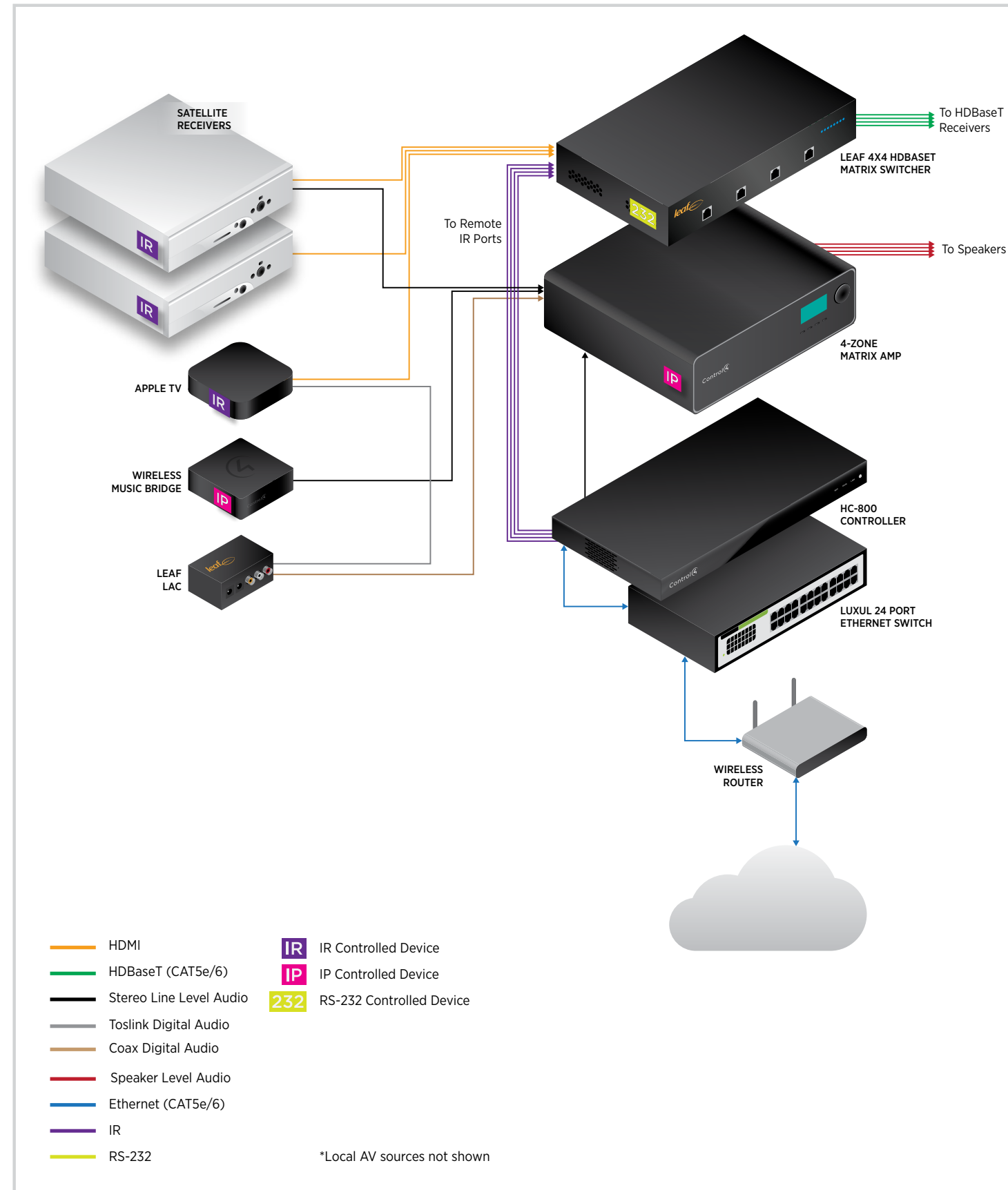
- (1) Control4 HC-250 Controller C4-HC250-BL-1
- (1) Control4 SR-250 System Remote and Recharging Station C4-SR250RSK-B
- (1) Leaf HDBaseT Receiver (included with Leaf 4x4 HDBaseT Switcher) LB1
- (1) TruAudio In-Ceiling Speakers, Pair ZTR-GC-6
- (1) Video Display





# SMALL RESIDENTIAL AV SOLUTION

## Equipment Rack



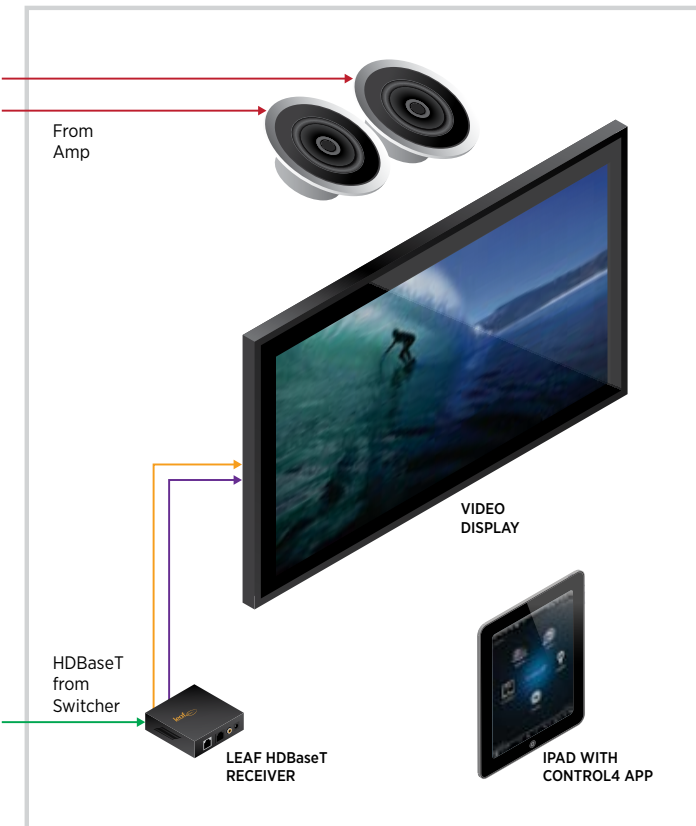
## Master Bedroom



## Second Bedroom



## Kitchen



## Living Room





# MEDIUM RESIDENTIAL AV SOLUTION



## SOLUTION BENEFITS

Everyone sees, hears and controls what they want: access to multiple, simultaneous streams of cloud-based music, movie services, local hard-drive stored media content, satellite TV and a Blu-ray player in up to eight zones throughout the house.

By using two Wireless Music Bridges, two family members can simultaneously stream audio from their personal mobile device or computer. Music turns on “automagically” in one or multiple zones throughout the house by simply streaming audio to the Wireless Music Bridge.

On-screen control in the Theater and Living Room commands all system features, including control of local AV equipment—replacing multiple remotes with one simple user interface.

Maximum video and audio resolutions in the Theater and Living Room by utilizing the Control4 8x8 HDMI Matrix Switch zone locking feature.

Intuitive control over all media content and AV equipment throughout the house from Control4 user interfaces.

Centralized placement of audio and video equipment greatly minimizes equipment and wiring clutter in each room.

Local Blu-ray player in the master bedroom can be viewed in and controlled from other zones.

## EQUIPMENT LIST

### Equipment Rack

- (1) Control4 8-Zone Matrix Amplifier C4-16AMP3-B
- (1) Control4 8x8 HDMI Matrix Switch C4-8x8HDMI VSW-B
- (1) Leaf HDBaseT Receiver ZLE-LTPTP-F
- (1) Control4 I/O Extender C4-IOX-E-B
- (1) Control4 HC-800 Controller C4-HC800-BL-1
- (2) Control4 Wireless Music Bridge C4-WMB-B
- (1) Luxul 24 Port Ethernet Switch ZLU-XGS-1024S
- (1) Fusion Research Ovation Signature Music Streamer ZFU-FR-OMS-SIG
- (1) Wireless Router
- (3) Satellite Receiver
- (1) Apple TV
- (1) Blu-ray Player

### Master Bedroom

- (1) Control4 HC-250 Controller C4-HC250-BL-1
- (1) Control4 SR-250 System Remote and Recharging Station C4-SR250RSK-B
- (1) Control4 HDBaseT Receiver C4-HDBTEB-B
- (1) Current Audio 6.5” In-Ceiling Speaker, Pair ZCU-CS650FL
- (1) Leaf HDBaseT Transmitter ZLE-LTPTP-F
- (1) Blu-ray Player
- (1) Video Display

### Second Bedroom

- (1) Control4 7” In-Wall Touch Screen with Camera C4-TW7C0-BL
- (1) Control4 HDBaseT Receiver C4-HDBTEB-B
- (1) Current Audio 6.5” In-Ceiling Speaker, Pair ZCU-CS650FL
- (1) Video Display

### Third Bedroom

- (1) Control4 7” In-Wall Touch Screen with Camera C4-TW7C0-BL
- (1) Control4 HDBaseT Receiver C4-HDBTEB-B
- (1) Current Audio 6.5” In-Ceiling Speaker, Pair ZCU-CS650FL
- (1) Video Display

### Kitchen

- (1) Apple iPad with Control4 App
- (1) Control4 HDBaseT Receiver C4-HDBTEB-B
- (1) Current Audio 6.5” In-Ceiling Speaker, Pair ZCU-CS650FL
- (1) Video Display

### Patio

- (1) iPhone with Control4 App
- (1) Current Audio 6.5” Outdoor Speakers, Pair ZCU-OC65B

### Guest Bedroom

- (1) Control4 Wireless Configurable Keypad C4-KC120277
- (1) Current Audio 6.5” In-Ceiling Speaker, Pair ZCU-CS650FL

### Theater

- (1) Control4 SR-250 System Remote and Recharging Station C4-SR250RSK-B
- (1) Sony Projector VPLHW55ES
- (1) Sony STR-DA2800ES AV Receiver ZSO-STRDA2800ES
- (3) TruAudio 6.5” LCR In-Wall Speaker, Each ZTR-GHT-66P
- (2) TruAudio 6.5” Surround In-Wall Speaker, Each ZTR-GHT-SUR-P
- (1) TruAudio PS Series 10” Powered Subwoofer, Each ZTR-PS-12
- (1) Projection Screen

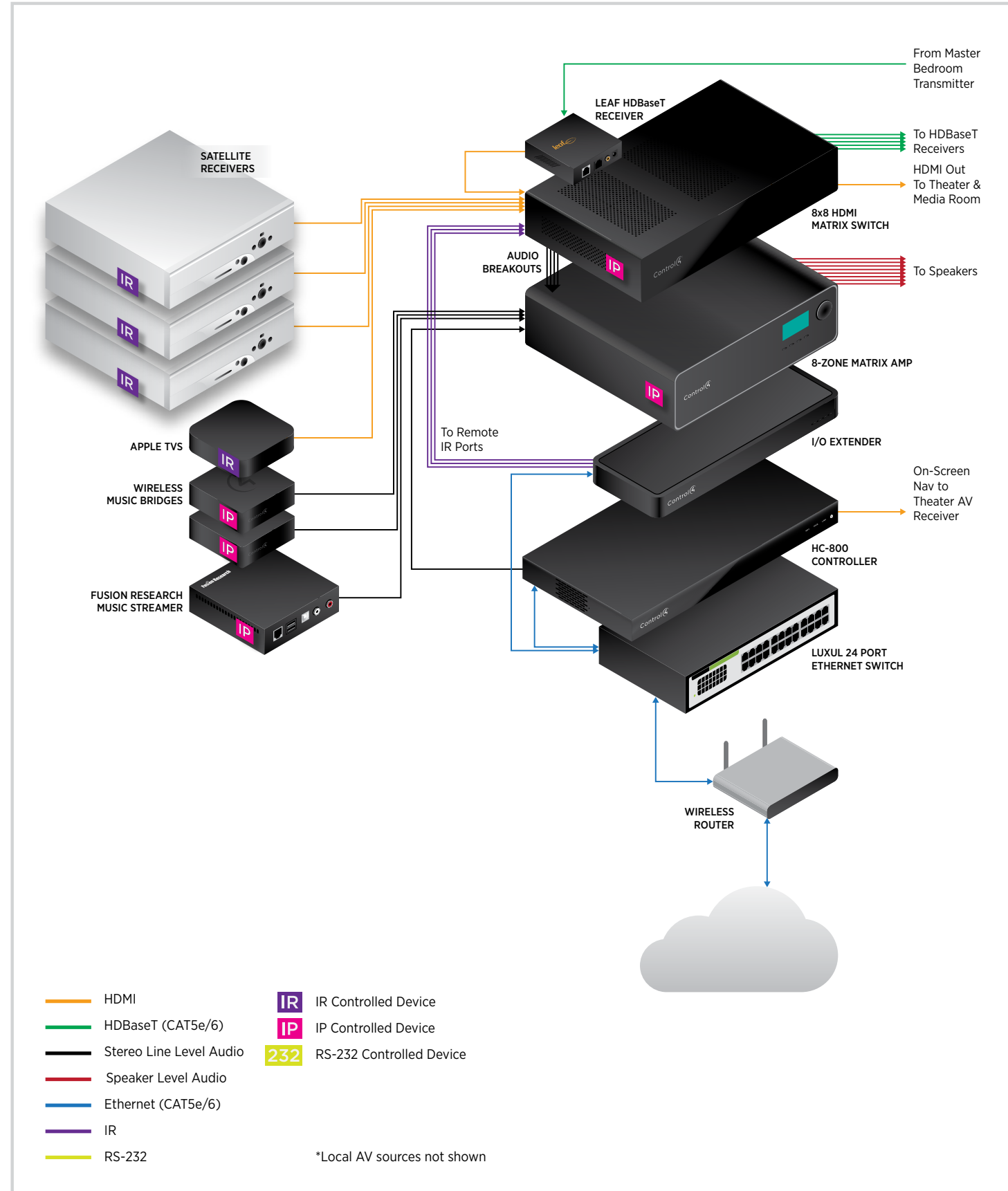
### Living Room

- (1) Control4 HC-250 Controller C4-HC250-BL-1
- (1) Control4 SR-250 System Remote and Recharging Station C4-SR250RSK-B
- (1) Sony STR-DA2800ES AV Receiver ZSO-STRDA2800ES
- (3) TruAudio 6.5” LCR In-Wall Speaker, Each ZTR-GHT-66P
- (2) TruAudio 6.5” Surround In-Wall Speaker, Each ZTR-GHT-SUR-P
- (1) TruAudio PS Series 10” Powered Subwoofer, Each ZTR-PS-12
- (1) Video Display

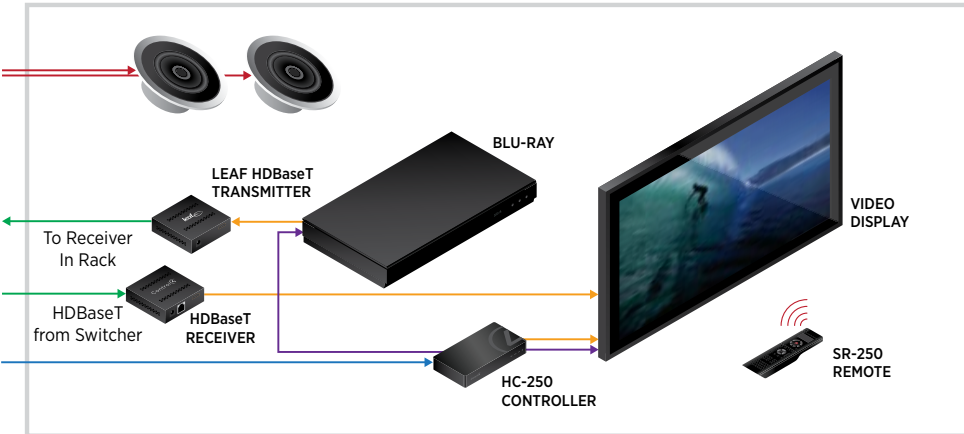


# MEDIUM RESIDENTIAL AV SOLUTION

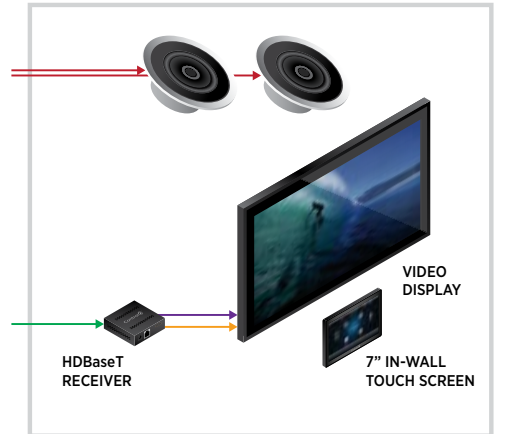
## Equipment Rack



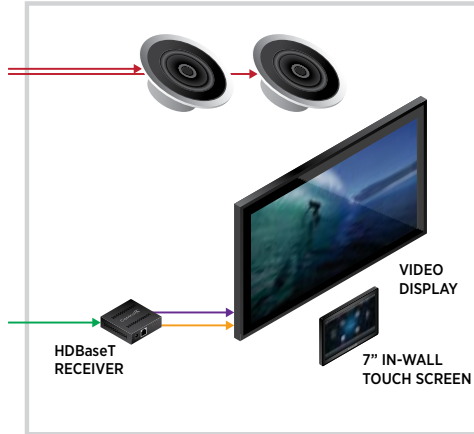
## Master Bedroom



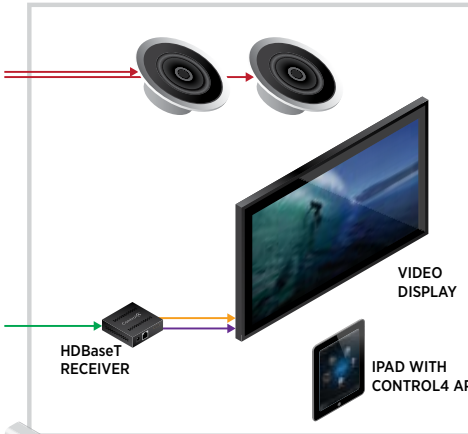
## Second Bedroom



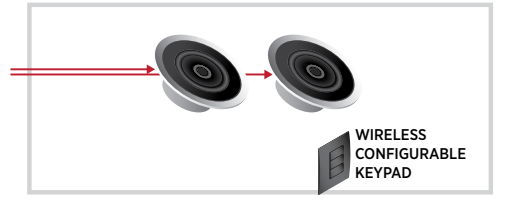
## Third Bedroom



## Kitchen



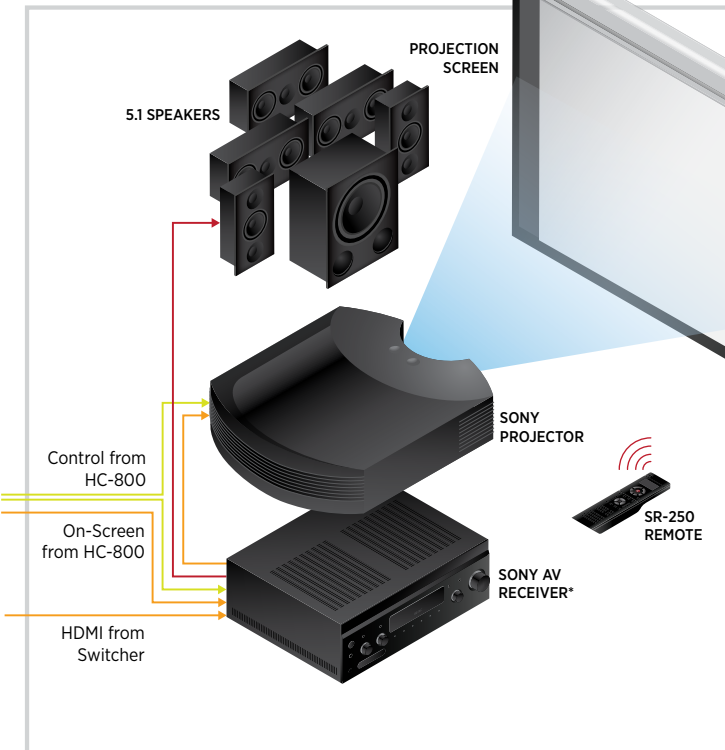
## Guest Bedroom



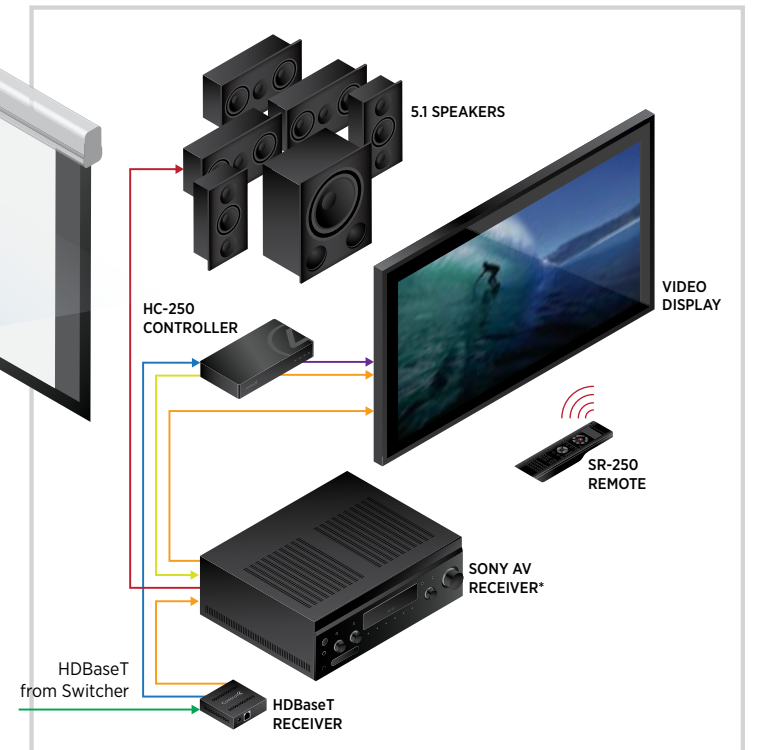
## Patio



## Theater



## Living Room



# LARGE RESIDENTIAL AV SOLUTION



## SOLUTION BENEFITS

A fully integrated, seamless audio/video experience in every room: access to multiple, simultaneous streams of cloud-based music, movie services, local hard-drive stored media content, satellite TV and Blu-ray media in up to twenty zones.

Intuitive control and management of all media content and AV equipment throughout the house from simple Control4 user interfaces.

Using four Wireless Music Bridges, up to four family members can simultaneously stream audio from their personal mobile device or computer. Music turns on “automagically” in one or multiple zones throughout the house by simply streaming audio to the Wireless Music Bridge.

On-screen control in the Theater and Media Room commands all system features, including control of local AV equipment—replacing multiple remotes with one simple user interface.

Outdoor speakers get extra power from the bridged outputs of Control4 Power Amplifiers.

Maximum video and audio resolutions in the Theater, Media Room, Living Room and Pool House by utilizing the Leaf 20x20 HDBaseT Matrix Switch zone locking feature.

Local Blu-ray player in the master bedroom can be viewed in and controlled from other zones.

## EQUIPMENT LIST

### Equipment Rack

- (1) Control4 16x16 Audio Matrix Switch C4-16ZAMsv3-B
- (3) Control4 8-Zone Non-Matrix Power Amplifier C4-AMP108
- (1) Control4 I/O Extender C4-IOX-E-B
- (1) Control4 HC-800 Controller C4-HC800-BL-1
- (4) Control4 Wireless Music Bridge C4-WMB-B
- (1) Leaf 20x20 HDBaseT Switcher ZLE-LHDMI2020E
- (1) Leaf HDBaseT Receiver ZLE-LTPTP-F
- (1) Luxul 24 Port Ethernet Switch ZLU-XGS-1024S
- (1) Fusion Research Ovation Music Streamer One ZFU-FR-OMS1
- (1) Wireless Router
- (6) Satellite Receiver
- (3) Apple TV

### Master Bedroom

- (1) Control4 HC-250 Controller C4-HC250-BL-1
- (1) Control4 SR-250 System Remote and Recharging Station C4-SR250RSK-B
- (1) Leaf HDBaseT Receiver ZLE-LTB1E
- (2) TruAudio 6.5" In-Ceiling Speaker, Each ZTR-GC-6
- (1) Leaf HDBaseT Transmitter ZLE-LTPTP-F
- (1) Blu-Ray Player
- (1) Video Display

### Master Bath

- (1) Leaf HDBaseT Receiver ZLE-LTB1E
- (1) TruAudio In-Ceiling Dual Voice Coil Speaker, Each ZCU-CS650DTFL
- (1) Video Display

### Master Sitting Area

- (2) TruAudio 6.5" In-Ceiling Speaker, Each ZTR-GC-6

### Second Bedroom

- (1) Control4 7" In-Wall Touch Screen with Camera C4-TW7CO-BL
- (1) Leaf HDBaseT Receiver ZLE-LTB1E
- (2) TruAudio 6.5" In-Ceiling Speaker, Each ZTR-GC-6
- (1) Video Display

### Third, Fourth, Fifth Bedroom

- (1) Control4 Wireless Configurable Keypad C4-KC120277-WH
- (1) Leaf HDBaseT Receiver ZLE-LTB1E

- (2) TruAudio 6.5" In-Ceiling Speaker, Each ZTR-GC-6

- (1) Video Display

### Guest Bedroom

- (1) Apple iPhone with Control4 App
- (1) Leaf HDBaseT Receiver ZLE-LTB1E
- (2) TruAudio 6.5" In-Ceiling Speaker, Each ZTR-GC-6
- (1) Video Display

### Guest Bathroom

- (1) Apple iPhone with Control4 App
- (1) TruAudio 8" In-Ceiling Dual Voice Coil Speaker, Each ZTR-PDP-8

### Dining Room

- (1) Control4 Wireless Configurable Keypad C4-KC120277
- (2) TruAudio 6.5" In-Wall Speakers, Each ZTR-GPW-6

### Kitchen

- (1) Control4 7" In-Wall Touch Screen with Camera C4-TW7CO-BL
- (1) Leaf HDBaseT Receiver ZLE-LTB1E
- (4) TruAudio 6.5" In-Ceiling Speaker, Each ZTR-GC-6
- (1) Video Display

### Deck

- (1) Apple iPhone with Control4 App
- (4) TruAudio 8" Outdoor Speaker, Each ZTR-OP-8.2-BK

### Patio

- (1) Apple iPad with Control4 App
- (1) Leaf HDBaseT Receiver ZLE-LTB1E
- (2) TruAudio 8" Outdoor Speaker, Each ZTR-OP-8.2-BK
- (1) Video Display

### Pool and Garden

- (4) TruAudio 8" Rock Speaker, Each ZTR-RK-8-GY

### Theater

- (1) Control4 HC-250 Controller C4-HC250-BL-1
- (1) Control4 SR-250 System Remote and Recharging Station C4-SR250RSK-B
- (1) Sony Projector VPLHW55ES
- (1) Projection Screen
- (1) Sony STR-DA2800ES AV Receiver ZSO-STRDA2800ES
- (3) TruAudio 6.5" LCR In-Wall

- Speaker, Each ZTR-GHT-66P

- (2) TruAudio 6.5" Surround In-Wall Speaker, Each ZTR-GHT-SUR-P

- (1) TruAudio PS Series 10" Powered Subwoofer, Each ZTR-PS-12

### Media Room

- (1) Control4 HC-250 Controller C4-HC250-BL-1
- (1) Control4 SR-250 System Remote and Recharging Station C4-SR250RSK-B
- (1) Sony Projector VPLHW55ES
- (1) Projection Screen

- (1) Sony STR-DA2800ES AV Receiver ZSO-STRDA2800ES

- (3) TruAudio 6.5" LCR In-Wall Speaker, Each ZTR-GHT-66P

- (2) TruAudio 6.5" Surround In-Wall Speaker, Each ZTR-GHT-SUR-P

- (1) TruAudio PS Series 10" Powered Subwoofer, Each ZTR-PS-12

### Living Room

- (1) Control4 7" Portable Touch Screen with Camera C4-TSMC7-EN-BL
- (1) Leaf HDBaseT Receiver ZLE-LTB1E
- (1) Sony STR-DA2800ES AV Receiver ZSO-STRDA2800ES
- (3) TruAudio 6.5" LCR In-Wall Speaker, Each ZTR-GHT-66P

- (2) TruAudio 6.5" Surround In-Wall Speaker, Each ZTR-GHT-SUR-P

- (1) TruAudio PS Series 10" Powered Subwoofer, Each ZTR-PS-12

- (1) Video Display

### Pool House

- (1) Control4 7" Portable Touch Screen with Camera C4-TSMC7-EN-BL
- (1) Leaf HDBaseT Receiver ZLE-LTB1E
- (1) Sony STR-DA2800ES AV Receiver ZSO-STRDA2800ES

- (3) TruAudio 6.5" LCR In-Wall Speaker, Each ZTR-GHT-66P

- (2) TruAudio 6.5" Surround In-Wall Speaker, Each ZTR-GHT-SUR-P

- (1) TruAudio PS Series 10" Powered Subwoofer, Each ZTR-PS-12

- (1) Video Display

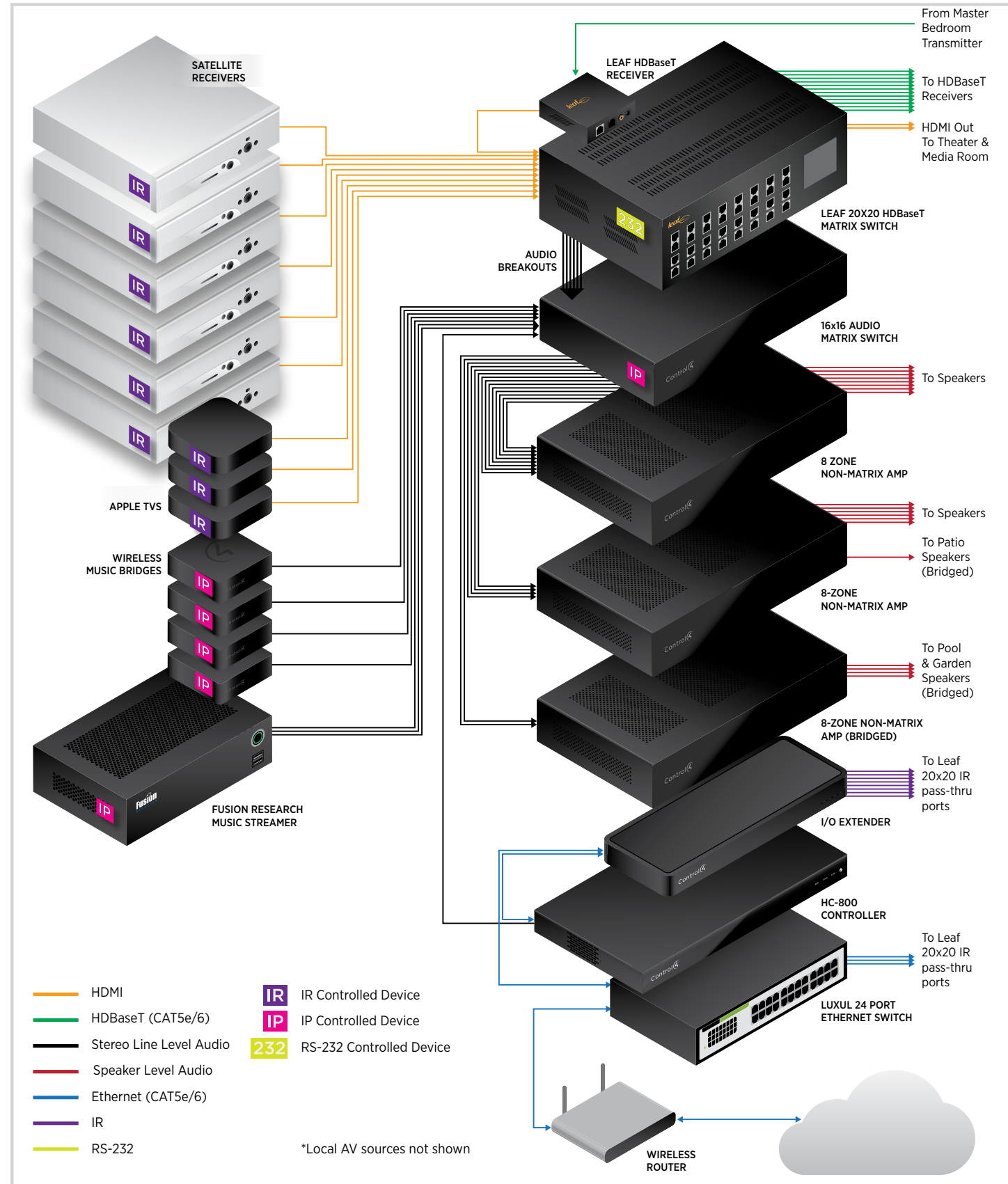
### Bar

- (1) Control4 7" In-Wall Touch Screen with Camera C4-TW7CO-BL
- (1) Leaf HDBaseT Receiver ZLE-LTB1E
- (2) TruAudio 6.5" In-Ceiling Speaker, Each ZTR-GC-6
- (1) Video Display



# LARGE RESIDENTIAL AV SOLUTION

## Equipment Rack



# RESTAURANT AV SOLUTION



## SOLUTION BENEFITS

Up to eight unique satellite TV programs can be displayed in full HD on video displays throughout the facility, providing patrons with a variety of engaging content.

Two simultaneous audio feeds from satellite programming can be routed to any speaker location, immersing visitors in an exciting audio and video experience.

Audio turns on “automagically” in designated areas of the restaurant simply by streaming audio from a mobile device or computer to the Control4 Wireless Music Bridge.

Balanced audio input on the Leaf PA amplifier allows for paging to all speakers.

A Control4 In-Wall Touch Screen using the Extra Vegetables “Start Here” app provides intuitive control and management of all TV programs and AV equipment throughout the facility.

Centralized placement of audio and video equipment greatly minimizes equipment and wiring clutter throughout the facility.

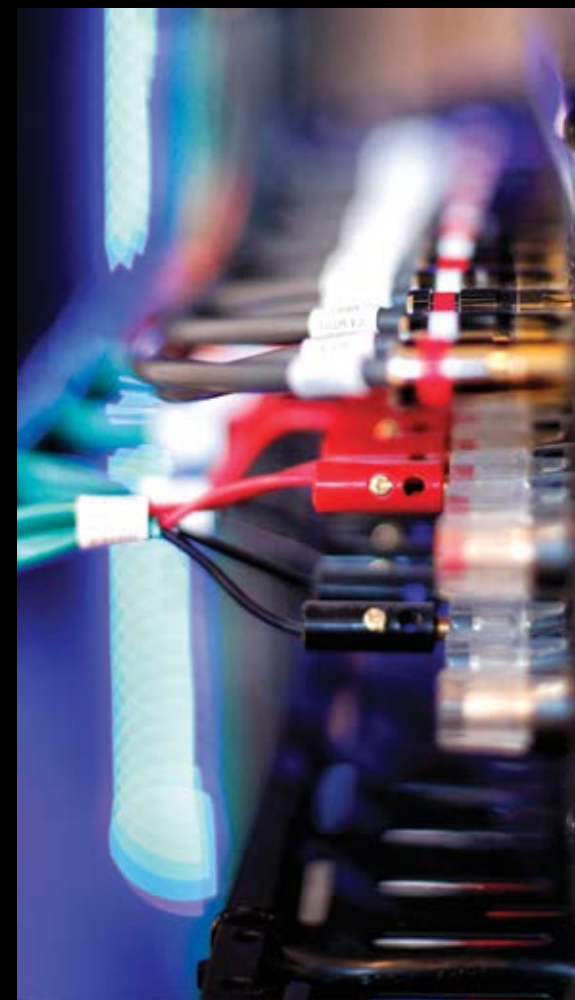
## EQUIPMENT LIST

### Equipment Rack

- (1) Control4 8x8 HDMI Matrix Switch C4-8x8HDMIVSW-B
- (2) Control4 I/O Extender C4-IOX-E-B
- (1) Control4 HC-800 Controller C4-HC800-BL-1
- (1) Control4 Wireless Music Bridge C4-WMB-B
- (1) Control4 7” In-Wall Touch Screen with Camera C4-TW7C0-BL
- (1) Extra Vegetables “Start Here” app
- (1) Leaf 4x4 70V PA Amplifier ZLE-Model4470
- (1) Luxul 24 Port Ethernet Switch ZLU-XGS-1024S
- (1) Wireless Router
- (8) Satellite Receiver
- (1) Microphone

### Dining Areas

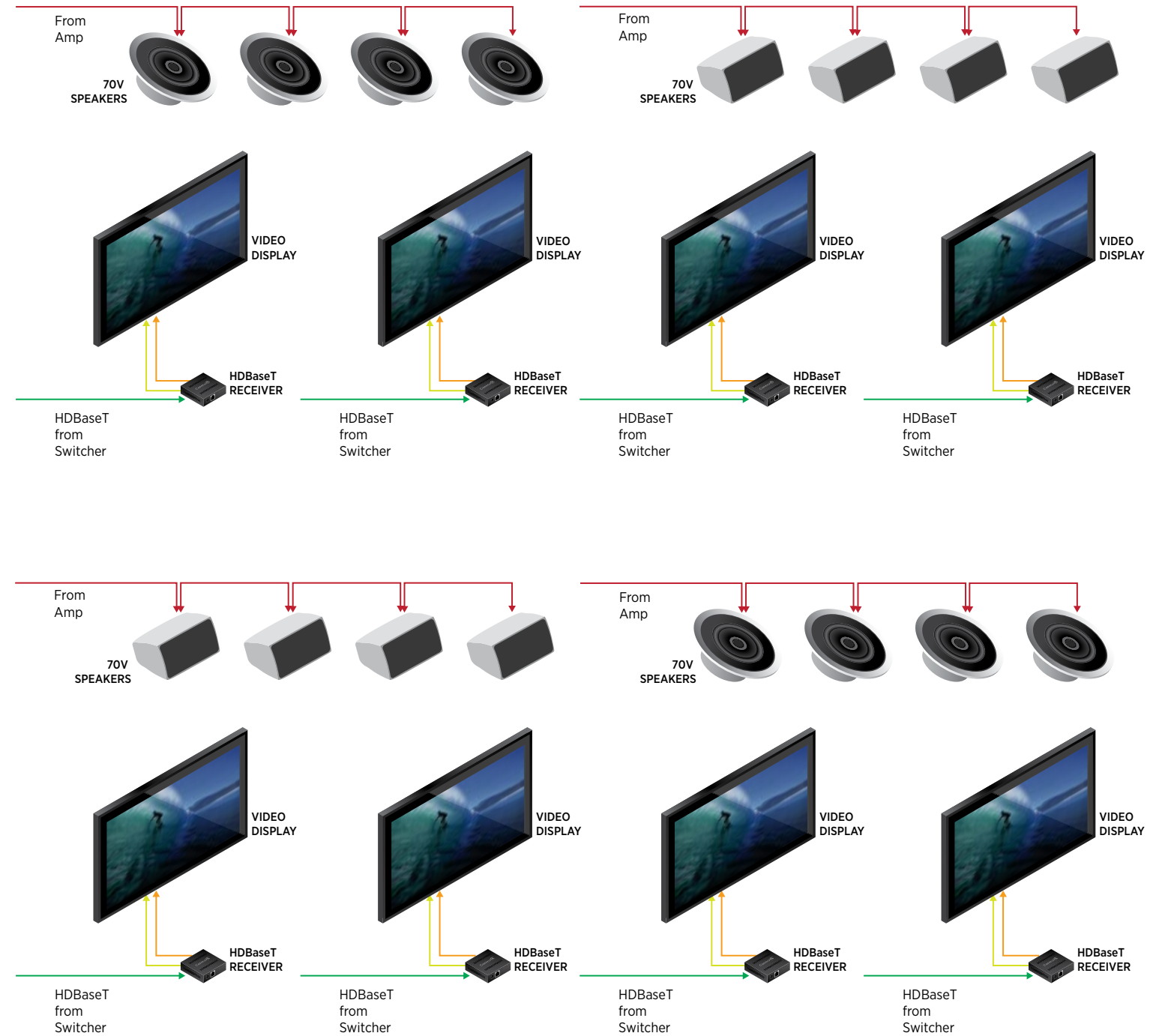
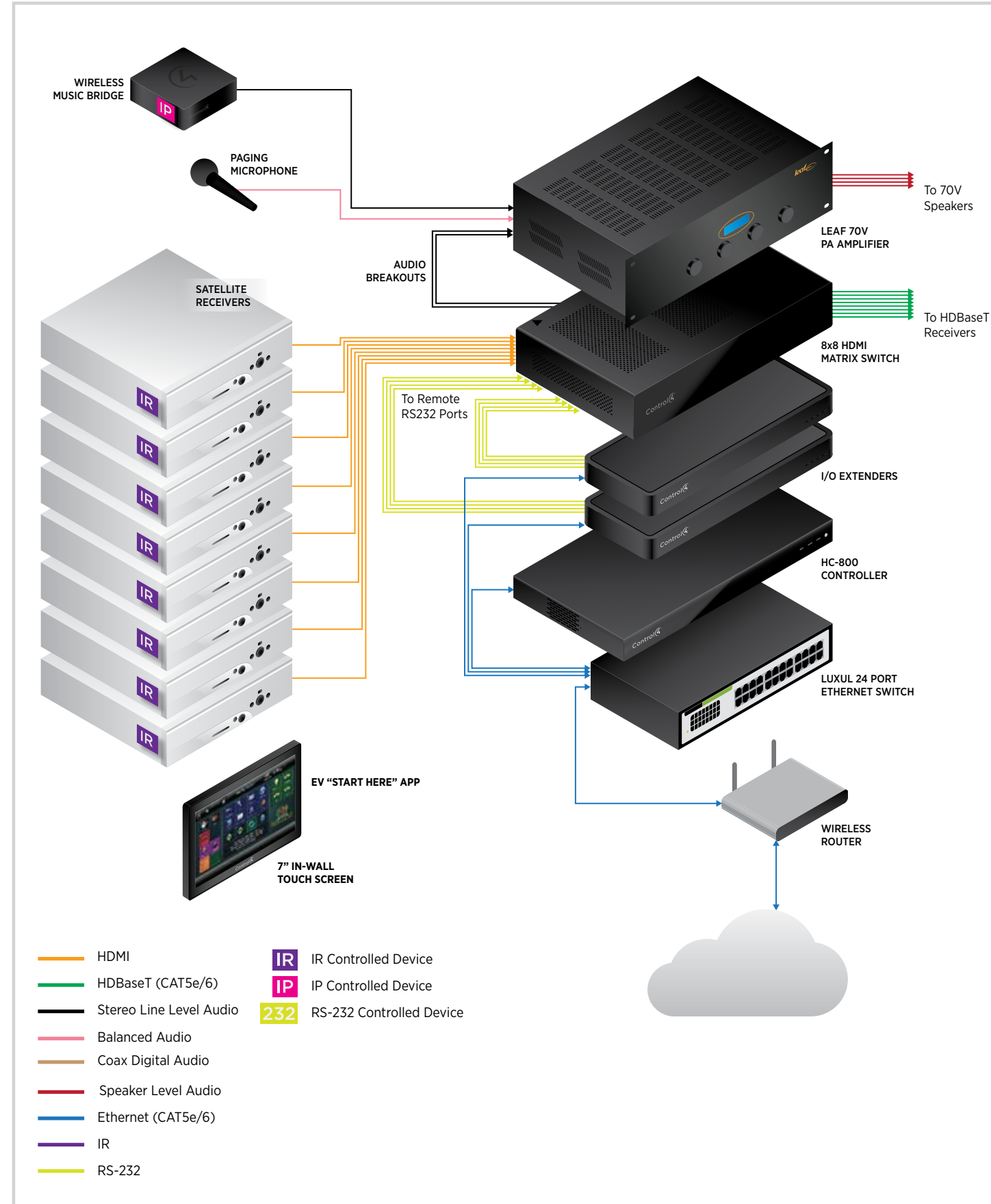
- (8) Control4 HDBaseT Receiver C4-HDBTEB-B
- (8) Current Audio 8” 70V In-Ceiling Speaker, Each ZCU-CECS80-70V
- (4) Current Audio 6.5” 70V Outdoor Speaker, Pair ZCU-OC65B-70V
- (8) Video Display





# RESTAURANT AV SOLUTION

## Equipment Rack



# SPORTS BAR AV SOLUTION



## SOLUTION BENEFITS

Up to eight unique satellite TV programs can be displayed in full HD to a total of twenty video displays throughout the facility, providing patrons with a variety of entertaining content

Projectors are used for featured games and allow for large groups of viewers to share the same programming.

PA speakers provide audio for a wide coverage area, ideal for programming displayed on the projection screens as well as live concerts.

Two simultaneous audio feeds from satellite programming can be routed to any speaker location, immersing visitors in an exciting audio and video experience.

Audio turns on “automagically” in designated areas of the sports bar simply by streaming audio from a mobile device or computer to the Control4 Wireless Music Bridge.

Balanced audio input on the Leaf PA amplifier allows for paging and live music to all speakers.

A Control4 In-Wall Touch Screen using the Extra Vegetables “Start Here” app provides intuitive control and management of all TV programs and AV equipment throughout the facility.

## EQUIPMENT LIST

### Equipment Rack

- (1) Control4 8x8 HDMI Matrix Switch C4-8x8HDMIVSW-B
- (2) Control4 I/O Extender C4-IOX-E-B
- (1) Control4 HC-800 Controller C4-HC800-BL-1
- (1) Control4 Wireless Music Bridge C4-WMB-B
- (1) Control4 7” In-Wall Touch Screen with Camera C4-TW7C0-BL
- (1) Extra Vegetables “Start Here” app
- (1) Leaf 4x4 70V Mixing Amplifier ZLE-Model4470
- (1) Luxul 24 Port Ethernet Switch ZLU-XGS-1024S
- (1) Wireless Router
- (8) Satellite Receiver
- (1) PA Amplifier
- (1) Microphone
- (1) Audio Mixer

### Dining and Bar Areas

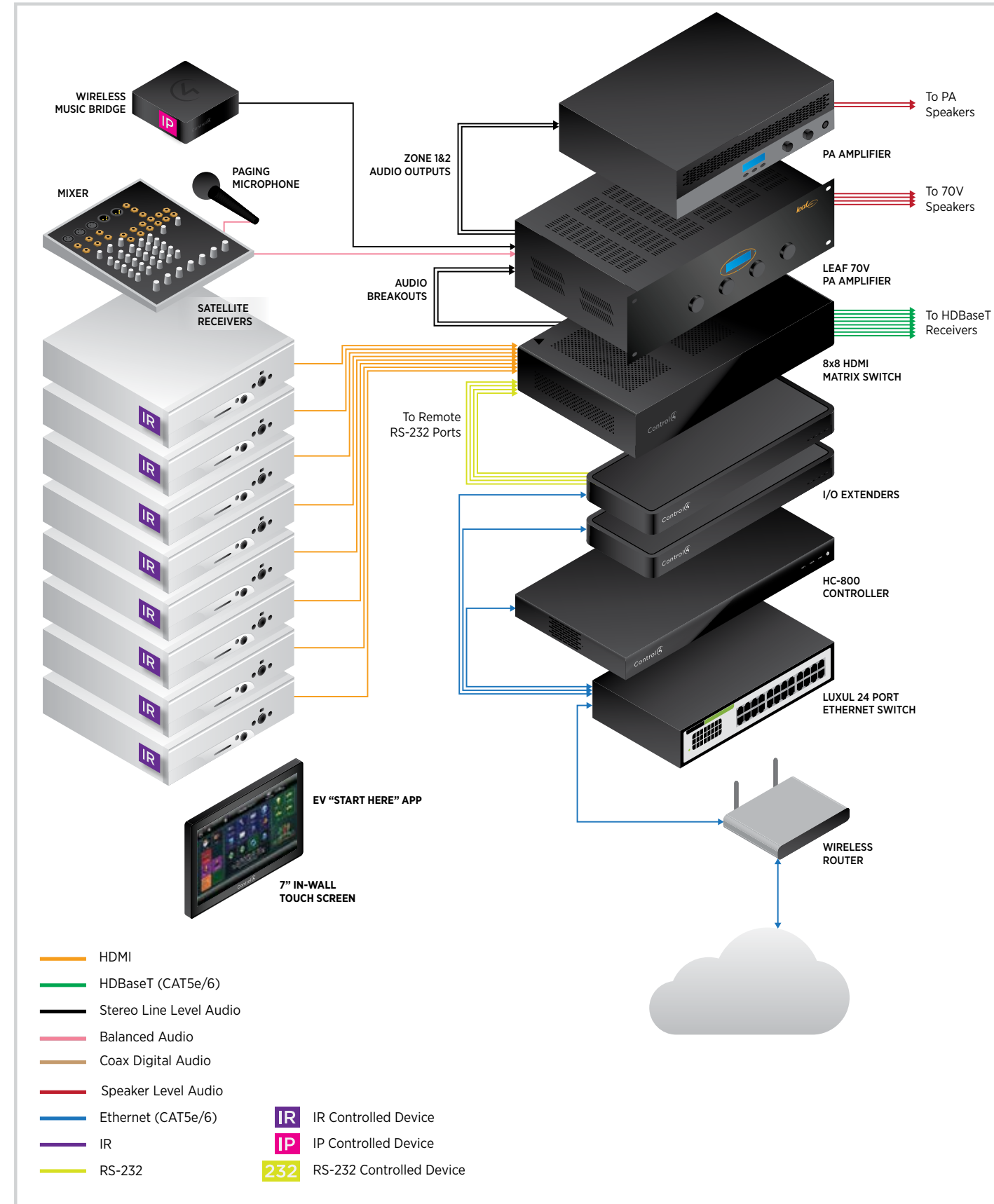
- (4) Control4 HDBaseT Receiver C4-HDBTEB-B
- (4) Leaf 1x8 HDMI Splitter ZLE-LTB8
- (8) TruAudio 8” 70V In-Ceiling Speaker, Each ZTR-CL-70V-8
- (4) TruAudio 6.5” 70V Outdoor Speaker, Pair ZTR-OL-70V-6
- (4) Sony Video Projector ZSO-VPLHW55ES
- (4) Projection Screen
- (4) PA Speakers



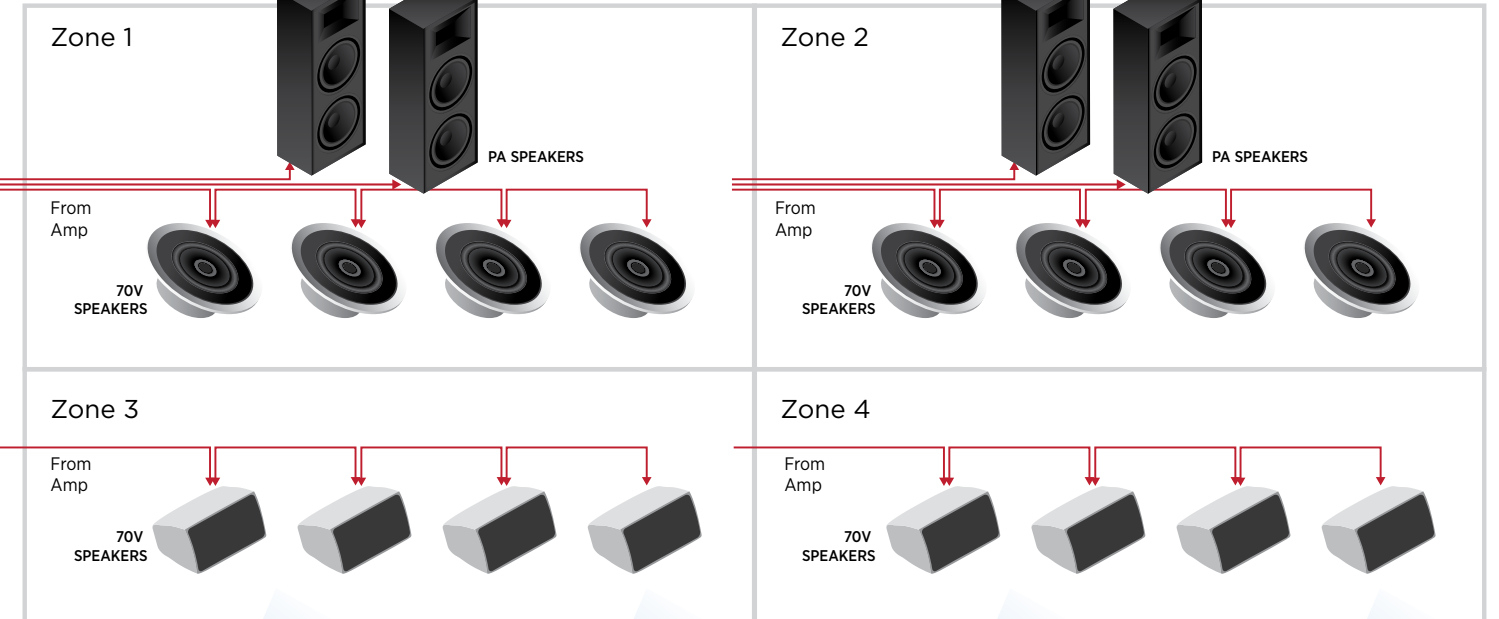


# SPORTS BAR AV SOLUTION

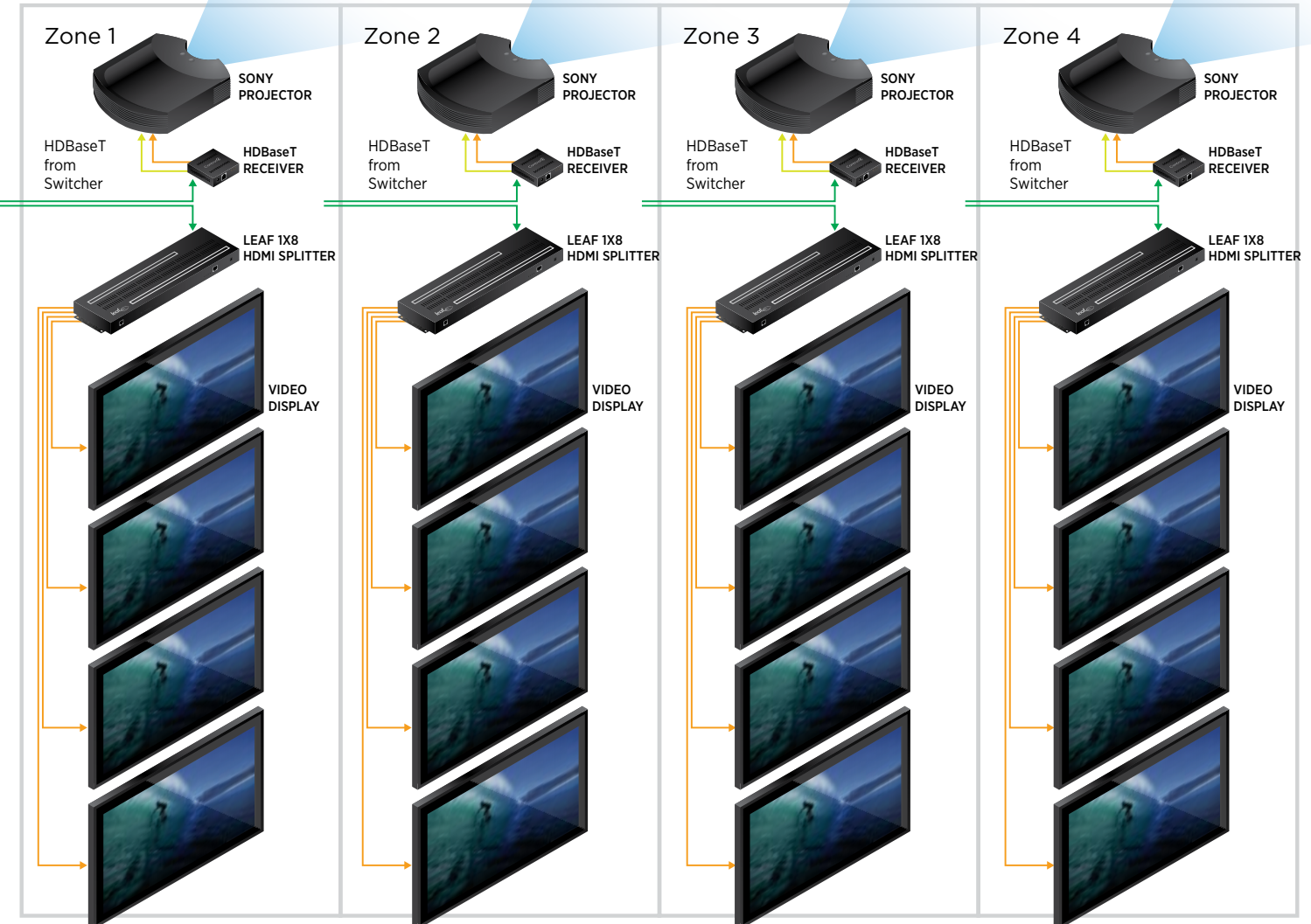
## Equipment Rack



## Audio Zones



## Video Zones



# AUDIO MATRIX SWITCHERS

## CONTROL4 16X16 AUDIO MATRIX SWITCH



C4-16ZAMsv3-B **SDDP**

The go-to solution for Control4 distributed audio installations. Seamless integration and two-way feedback with Control4 user interfaces, combined with superior sound quality.

- | Send 16 stereo audio sources to as many as 16 audio zones
- | Wide dynamic range for accurate lows and highs with quick response to dynamic audio passages
- | Smooth volume ramping (1/2 db volume steps)
- | Independent input gain, output gain and bass and treble control for each zone
- | Simple Device Discovery Protocol (SDDP) and IP control allow for quick system programming and seamless integration

## LEAF 4X4 AUDIO MATRIX/70V AMPLIFIER



ZLE-MODEL4470 **✓232**

A great one-box solution for commercial audio distribution.

- | 4 source, 4 Zone Audio Matrix Amplifier
- | Two optional XLR/1/4" inputs for Microphones or other balanced audio sources
- | 150W per channel (70V)

## VIDEO STORM 38X38 DSP AUDIO SWITCH



ZVI-CMX3838A2-NAB100 **✓IP** **✓232**

A unique combination of traditional audio switching and streaming audio in one system.

- | 16 stereo (32 mono) audio inputs & outputs
- | 6 optical digital inputs & outputs
- | 8 composite video inputs & outputs
- | Accepts 16 channels of streaming audio from smart phones and music servers

## DRIVER DESCRIPTIONS

**SDDP** Control4 Simple Device Discovery Protocol—allows a device on the network to self-identify and provide quick installation of the most current device driver from within Composer Pro.

**✓IP** Control4 Certified IP Driver Available

**✓232** Control4 Certified 232 Driver Available

**IP** IP Driver Available

**232** RS-232 (Serial) Driver Available



# AMPLIFIERS



## CONTROL4 4 & 8-ZONE MATRIX AMPLIFIERS

C4-8AMP1-B and C4-16AMP3-B **SDDP**

Full matrix switching, amplification and volume control in one product.

- | 4-Zone model delivers 60W per channel of high-quality sound to four stereo speaker output zones and includes four analog and two digital source inputs
- | 8-Zone model provides 120W per channel of power to eight stereo speaker outputs zones and includes eight analog source inputs
- | Advanced parametric equalizer capability and the Control4 Equalizer app drive professional-quality sound
- | Simple Device Discovery Protocol (SDDP) and IP control allow for quick system programming and seamless integration



## CONTROL4 100 SERIES 4 & 8-ZONE NON-MATRIX AMPLIFIERS

C4-AMP104 and C4-AMP108

Two non-matrix amplifiers that deliver powerful audio to multiple zones. Their flexible design allows for installations small, large and everything in-between.

- | Both 4 & 8-Zone models provide 55W per channel of power at 8 Ohms per zone and are stable to 4 Ohms
- | Bridgeable amplifier outputs provide double the power to larger speakers or zones requiring higher output levels
- | Automatic signal-sensing inputs save power when the amps are not in use
- | Global and per-zone inputs with independent gain control and loop-through connections for scaling to larger installations



## CONTROL4 SPEAKER POINT

AVG-RAA1-B and AVE-RAA1-B **SDDP**

Stream music to any room with a wired or wireless connection. Ideal for adding music zones in retrofit situations or when pulling speaker wire through walls is impractical.

- | Built-in amplifier provides 40W of power at 8 Ohms and 50W at 4 Ohms
- | One speaker output and one line-level output
- | One analog input for a local audio source
- | WiFi and hardwired Ethernet versions
- | Simple Device Discovery Protocol (SDDP) and IP control allow for quick system programming and seamless integration



# AUDIO SOURCES



## CONTROL4 WIRELESS MUSIC BRIDGE

C4-WMB-B **SDDP**

A simple and elegant way to enjoy music available on phones, tablets and computers.

- | Stream virtually any music service from a phone, tablet or computer such as Pandora, Spotify, Beats Music, iTunes Radio, etc.
- | Automagic: One or more Control4 audio zones can be turned on automatically, simply by streaming audio to the Music Bridge!
- | Combines AirPlay, DLNA and Bluetooth, allowing connectivity with virtually any smartphone, tablet, PC or Mac
- | Easy setup allows full functionality within 15 seconds of programming!
- | Delivers music artwork and metadata to Control4 touch screens, on-screen displays and Control4 App
- | Simple Device Discovery Protocol (SDDP) and IP control allow for quick system programming and seamless integration



## CONTROL4 HOME CONTROLLERS

C4-HC250-BL-1 and C4-HC800-BL-1

All Control4 Home Controllers provide built-in online music services as well as access to locally stored digital music that can be distributed throughout the home and accessed from any Control4 touch screen, TV, or any smartphone or tablet with the Control4 App.

- | Rhapsody: Access more than 15 million songs or playlists from the Control4 system—requires a Rhapsody subscription
- | Napster: Enjoy more than 15 millions songs in every music genre—from the latest releases to your personal favorites—requires a Napster subscription
- | TuneIn: Listen to 70,000 Internet radio stations and millions of podcasts, talk shows, news and sports programs from around the world
- | Digital music stored on a locally connected hard drive can be streamed to one or multiple audio zones





## FUSION RESEARCH OVATION MUSIC STREAMERS

All Ovation Music Streamers are Logitech Squeezebox compatible, providing access to Pandora, Spotify, Live365, SiriusXM, Shoutcast, SKY.fm, Slacker and over two dozen more streaming music services. All models support 192 kHz/24-bit HD audio.



### FUSION RESEARCH OVATION SIGNATURE MUSIC STREAMER

ZFU-FR-OMS-SIG **IP**  
 | One zone of analog audio



### FUSION RESEARCH OVATION MUSIC STREAMER ONE

ZFU-FR-OMS1 **IP**  
 | Three zones of analog audio



### FUSION RESEARCH OVATION MUSIC STREAMER TWO

ZFU-FR-OMS2 **IP**  
 | Three zones of audio—one digital and two analog  
 | 500GB of internal storage  
 | Built-in iTunes synchronization



### FUSION RESEARCH OVATION MUSIC STREAMER THREE

ZFU-FR-OMS3 **IP**  
 | Four zones of audio—one digital and three analog  
 | 1TB of internal storage  
 | Built-in iTunes synchronization  
 | 48X optical drive for fast music ripping



### GRACE DIGITAL TUNER PRO WIRELESS INTERNET RADIO

ZGR-GDI-IRTP800 **IP**  
 Provides access to thousands of free Internet radio stations and multiple streaming services. **Integrates with Control4 using a driver available from Extra Vegetables.**  
 | Streaming services include Pandora, iHeart radio, NPR, BBC, ESPN, Live 365, SiriusXM and more  
 | Plays over 35,000 podcast and on-demand streams  
 | WiFi and hardwired Ethernet capabilities  
 | FM antenna connection for access to traditional radio stations





# AV RECEIVERS

## SONY ES AV RECEIVERS

These feature-rich AV receivers from Sony seamlessly integrate with Control4 and deliver stunning multi-channel audio and HD video performance to your home theater.



### SONY STR-DA1800ES WIFI AV RECEIVER

ZSO-STRDA1800ES 

- | 7.2 Channel, 100 watts per channel
- | Built-in WiFi/Bluetooth/AirPlay
- | 6 HDMI inputs, 2 HD component inputs, 2 HDMI outputs



### SONY STR-DA2800ES 4K AV RECEIVER

ZSO-STRDA2800ES 

- | 7.2 Channel, 100 watts per channel
- | 4K pass-through and up-scaling
- | 8 HDMI inputs, 2 HD component inputs, 3 HDMI outputs
- | Integrated 4-port Ethernet switch



### SONY STR-DA5800ES 4K AV RECEIVER

ZSO-STRDA5800ES 

- | 9.2 Channel, 130 watts per channel
- | 4K pass-through and up-scaling
- | 9 HDMI inputs, 2 HD component inputs, 3 HDMI outputs
- | Integrated 4-port Ethernet switch



# SPEAKERS



## TRUAUDIO

- | Full line of in-ceiling, in-wall, on-wall, in-room, outdoor and contractor grade speakers (including bookshelf, satellite, and floor-standing speakers)
- | Ghost series line with patented super flush rimless design
- | Lifetime warranty on all speaker products



## CURRENT AUDIO

- | Complete line of good, better, best in-ceiling, in-wall, outdoor and contractor grade speakers
- | FIT (Focused Image Technology) with 3D woofer positioning and diffractionless pivoting tweeter
- | FastLock grill feature allows for quick installation and conforms to uneven surfaces





# VIDEO MATRIX SWITCHERS

## VIDEO MATRIX SWITCHERS



### CONTROL4 8X8 HDMI MATRIX SWITCH

C4-8ZVMS-B **SDDP**

The most reliable and easiest to install HDMI matrix switch for Control4 systems!

- | Full HDBaseT technology delivers audio, video, Ethernet and control over a single CAT5e/6 cable to every display
- | Includes 8 HDMI inputs, 8 HDBaseT and 2 HDMI outputs for simple, flexible installations
- | EDID management and embedded calibration tool (Composer Pro) provide fast and reliable video switching—every time
- | Zone locking feature ensures maximum video and audio resolutions to home theaters and media rooms
- | Stereo audio breakouts with adjustable delay route audio to the Control4 audio distribution system, providing a synchronized, amazing sound and video experience throughout the home
- | Simple Device Discovery Protocol (SDDP) and IP control allow for quick system programming and seamless integration



### CONTROL4 HDBASET RECEIVER

C4-HDBTEB-B

Conveniently connects to the Control4 8x8 HDMI Matrix Switch via CAT5e/6, up to 328 feet away.

- | Full HDBaseT technology outputs HD video, audio, Ethernet and control (IR & RS-232) to a local video display
- | Power supply included



### LEAF 4X4 HDMI MATRIX SWITCH KIT

ZLE-LHDMI44P **✓232**

An economical solution for a 4 source to 4 zone HDMI distribution system.

- | Same features as the ZLE-LHDMI66P
- | 4 HDMI inputs and 4 HDBaseT outputs
- | Includes four LB1 HDBaseT receivers and power supplies



### LEAF 6X6 HDMI MATRIX SWITCH KIT

ZLE-LHDMI66P **✓232**

An economical solution for a 6 source to 6 zone HDMI distribution system.

- | HDBaseT Lite technology delivers HDMI and control (RS-232 and IR) over a single CAT5e/6 cable to every display
- | 6 HDMI inputs and 6 HDBaseT outputs
- | EDID management and embedded calibration tool provide fast and reliable video switching
- | Includes six LB1 HDBaseT receivers and power supplies



### LEAF 6X4 HDMI MATRIX SWITCH AND HDBASET EXTENDER KIT

ZLE-LTXP64-PTPKIT **232**

This affordable matrix and PoE extender kit provides a distributed video distribution solution at a price point less than a typical 4x4 HDBaseT solution.

- | 6 HDMI inputs and 4 HDMI outputs
- | Includes two HDBaseT Lite Extender Kits and one HDBaseT Full Extender Kit



## VIDEO MATRIX SWITCHERS



### LEAF 20X20 HDMI MATRIX SWITCH WITH ETHERNET

ZLE-LHDMI2020E

The ideal solution for very large residential and commercial video distribution installations. Includes the reliability and HDMI video performance Leaf is known for.

- | Full HDBaseT technology delivers audio, video, Ethernet and control over a single CAT5e/6 cable to every display
- | 20 HDMI inputs, 16 HDBaseT and 4 HDMI outputs
- | EDID management and embedded calibration tool provide fast and reliable video switching
- | Zone locking feature ensures maximum video and audio resolutions to home theaters and media rooms
- | Analog and digital audio breakouts with adjustable delay route audio to a Control4 audio distribution system or AV receiver providing a synchronized, amazing sound and video experience throughout the home
- | HDBaseT receivers sold separately (ZLE-LTB1E)



### LEAF HDBASET RECEIVER WITH ETHERNET

ZLE-LTB1E

- | Designed to connect to the Leaf 20x20 HDMI Matrix Switch with Ethernet via CAT5e/6, up to 328 feet away.
- | Full HDBaseT technology outputs HD video, audio, Ethernet and control (IR & RS-232)
- | Power supply included



### LEAF HDBASET RECEIVER

ZLE-LTB1

A lower cost HDBaseT receiver option for zones not requiring an Ethernet connection.

- | Receiver outputs HD video, audio and control (IR & RS-232)
- | Power supply included

## VIDEO MATRIX SWITCHERS



### ZEKTOR PROWLER 8X8 AV MATRIX SWITCH

ZZE-900-000092

Distributes 8 component sources, with audio, to 8 zones.

- | Matrix switching of component video, composite video, analog audio and digital audio
- | Locally switched video and audio outputs or optional CAT5e/6 outputs for remote distribution to Zektor baluns (ZZE-900-000090)
- | Audio features include input/output gain control, bass, treble and 5 band EQ per zone

### NEOPRO ONTARIO 12X16 COMPONENT VIDEO MATRIX SWITCH

ZNE-80-00065

Distributes 12 component video sources (video only) to 16 zones.

- | Switched CAT5e/6 outputs for remote video distribution to NeoPro baluns (ZNE-80-00068 or ZNE-80-00069)

### ZEKTOR CASINO 16X16 AV MATRIX SWITCH

ZZE-900-000108

A non-HDMI alternative to large AV distribution systems. Distributes 16 component sources (with audio) to 16 zones.

- | Matrix switching of component video, analog audio and digital audio
- | Locally switched video and audio outputs or optional CAT5e/6 outputs for remote AV distribution to Zektor baluns (ZZE-900-000090)
- | Audio features include input/output gain control, bass, treble and 5-band EQ per zone
- | Full audio and video breakaway

# VIDEO EXTENDERS



## LEAF HDBASET FULL EXTENDER KIT

### LTPTP-F

- | Includes both transmitter and receiver
- | Extends HDMI, IR & RS-232 up to 330 feet over a single CAT5e/6 cable
- | Supports full resolution of 1080P, 3D and 4K
- | Transmitter includes power supply, receiver is PoE (no power supply required)



## LEAF HDBASET LITE EXTENDER KIT

### LTPTP-L

- | Includes both transmitter and receiver
- | Lower cost alternative to the LTPTP-F that extends HDMI, IR & RS-232 up to 230 feet over a single CAT5e/6 cable
- | Supports full resolution of 1080P, 3D and 4K
- | Transmitter includes power supply, receiver is PoE (no power supply required)



## ATLONA HDBASET LITE EXTENDERS

### ZAT-AT-HDTX and ZAT-AT-HDRX

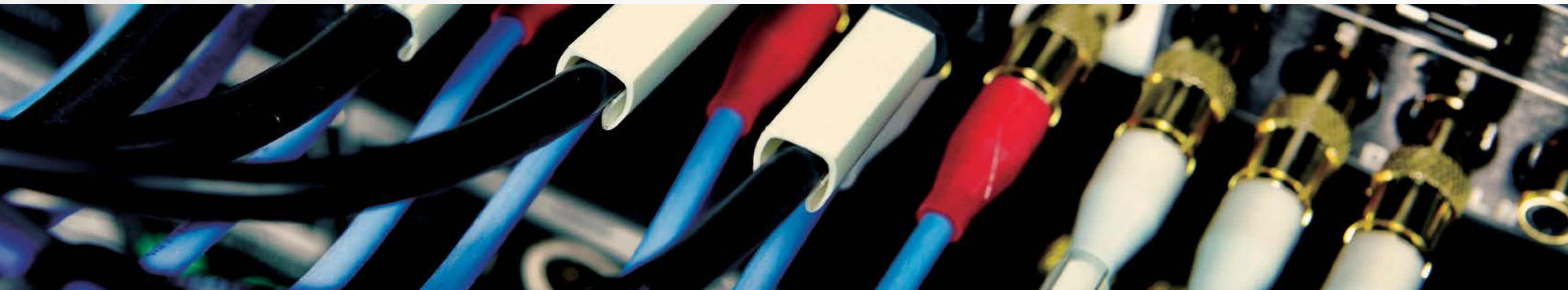
- | Affordably extends HDMI up to 230 feet over a single CAT5e/6 cable
- | Ideal for scenarios where only HDMI (no control) needs to be extended
- | Transmitter and Receiver sold separately



## ATLONA HDBASET FULL EXTENDERS

### ZAT-AT-HDTX-RSNET and ZAT-AT-HDRX-RSNET

- | Extends HDMI, Ethernet, IR and RS-232 up to 328 feet over a single CAT5e/6 cable
- | Transmitter and Receiver sold separately
- | Transmitter includes power supply, receiver is PoE (no power supply required)





# HDMI DISTRIBUTION AMPLIFIERS



## ATLONA 1X2 HDMI DISTRIBUTION AMPLIFIER

ZAT-AT-HDDA-2

- | 1 HDMI input, 2 HDMI outputs
- | Cascade up to 8 units
- | Advanced EDID management



## ATLONA 1X4 HDMI DISTRIBUTION AMPLIFIER

ZAT-AT-HDDA-4

- | 1 HDMI input, 4 HDMI outputs
- | Cascade up to 8 units
- | Advanced EDID management



## LEAF 1X8 HDMI DISTRIBUTION AMPLIFIER WITH HDBASET INPUT

ZLE-LTB8

- | 1 HDBaseT input, 8 HDMI outputs
- | Up to 6 units can be connected via CAT5e/6 cable
- | Ideal for use with HDBaseT matrix switchers and extenders in commercial applications



## ATLONA 1X16 HDMI DISTRIBUTION AMPLIFIER

ZAT-AT-HD-V116

- | 1 HDMI input, 16 HDMI outputs
- | Supports EDID functionality—detects the first HDMI output source's EDID and records it in the unit
- | HDMI 1.3, HDCP1.1 and DVI1.0 compliant



## ATLONA 2X4 HDBASET DISTRIBUTION AMPLIFIER

ZAT-AT-HDCAT-4

- | 2 HDMI inputs, 4 HDBaseT outputs with PoCc and 1 HDMI output
- | 1 SPDIF digital and 1 analog audio output
- | Advanced EDID management



## ATLONA 2X8 HDBASET DISTRIBUTION AMPLIFIER

ZAT-AT-HDCAT-8

- | 2 HDMI inputs, 8 HDBaseT outputs with PoCc and 1 HDMI output
- | 1 SPDIF digital and 1 analog audio output
- | Advanced EDID management

# VIDEO SOURCES

## FUSION RESEARCH MOVIE SERVERS

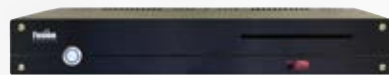
Fusion movie servers give you the ability to store an entire digital content selection, including movies (DVDs and Blu-rays), music collections and even photographs. All movie servers include a built-in front disc slot for Blu-rays and DVDs and can be expanded with optional Fusion zone players.



### FUSION RESEARCH PREMIERE MOVIE SERVER

ZFU-FR-PRM **IP**

- | 2TB storage capacity
- | Provides up to two zones/streams when an additional Fusion zone player is added



### FUSION RESEARCH ENCORE MOVIE SERVER

ZFU-FR-ENC2 **IP**

- | 3TB storage capacity
- | Provides up to five zones/streams when four additional Fusion zone players are added



### FUSION RESEARCH GENESIS MOVIE SERVER

ZFU-FR-GEN2BD **IP**

- | 6TB storage capacity
- | Provides up to seven zones/streams when six additional Fusion zone players are added



### FUSION RESEARCH ZONE PLAYER

ZFU-FR-ZP1 **IP**

- | A compact and powerful media player that provides additional movie streams when combined with a Fusion Movie Server

# VIDEO PROJECTORS



## SONY HD FRONT PROJECTOR

ZSO-VPLHW55ES **IP**

- 120,000:1 dynamic contrast ratio with SXRD technology
- | 1,700 lumen brightness
- | Reality Creation super resolution processing
- | 3D capable
- | Converts standard HD content to 3D



## SONY NATIVE 4K FRONT PROJECTOR

ZSO-VPLVW600ES **IP**

- Delivers the stunning clarity of Sony's SXRD 4K movie theater technology with a 4K Ultra HD projector featuring a resolution greater than 4 times regular 1080P.
- | 200,000:1 dynamic contrast ratio with SXRD technology
- | 1,700 lumen brightness
- | 4K resolution (4096 x 2160)
- | HD to 4K upscaling
- | 3D capable
- | Converts standard HD content to 3D





# AV ACCESSORIES



## LEAF DIGITAL AUDIO CONVERTER

ZLE-LAC

A great solution for situations where AV source outputs and AV switcher inputs may not be compatible. Converts Digital audio (Toslink and SPDIF) to analog audio and analog audio to digital audio (SPDIF).

- | Inputs: Toslink, SPDIF and analog RCA
- | Outputs: Analog RCA and SPDIF



## ATLONA HDMI AUDIO DE-EMBEDDER

ZAT-AT-HD570

- | Accepts an HDMI input signal and de-embeds the audio signal to either optical or multi-channel analog audio outputs
- | Includes HDMI pass-through, with no modification of video and audio signals



## ATLONA BNC + AUDIO TO HDMI CONVERTER/SCALER

ZAT-AT-HD120

- | Converts and scales analog camera video to HDMI



## ATLONA HDMI UP/DOWN SCALER/CONVERTER

ZAT-AT-HD550

- | A great solution for systems that include a wide range of devices with multiple resolutions that use HDMI such as video displays, matrix switchers and distribution amplifiers.

## ATLONA CONVERTERS/SCALERS

An assortment of video converters and scalers allowing virtually any video source to be used with HDMI matrix switchers.



## ATLONA VGA TO HDMI CONVERTER/SCALER

ZAT-AT-HD500

- | Converts and scales a VGA source such as a computer to HDMI



## ATLONA COMPOSITE/S-VIDEO + AUDIO TO HDMI SCALER

ZAT-AT-HD520

- | Converts and scales older composite video sources to HDMI

## FORGE RACK PRODUCTS



- | A wide variety of rack products including thin line racks, wall-mount swinging and fixed racks
- | Available for order in pre-assembled bundles or as separate pieces

# CONTROL4 USER INTERFACES

## LUXUL NETWORKING PRODUCTS



### LUXUL XEN COMMERCIAL GRADE DUAL-WAN ROUTER

ZLU-XBR-2300

- | Includes built-in VPN server
- | 2 WAN ports, 3 LAN ports
- | Desktop or rack-mountable metal case



### LUXUL XEN WIRELESS ACCESS POINTS

- | Include the highest FCC allowable performance
- | PoE single cable installation
- | Multiple form factors (commercial, low profile, outdoor, and directional)

## ETHERNET SWITCHES



- | An assortment of gigabit switches, including an 8-port smart POE switch, 8-port desktop switch, 24-port smart switch, and 24-port rack mountable switch



### CONTROL4 7" IN-WALL TOUCH SCREEN WITH CAMERA

C4-TW7CO-BL and C4-TW7CO-WH

A dedicated audio/video system user interface with built-in video intercom features.

- | Access music and movies by cover art
- | Edge-to-edge capacitive glass and low-profile mount deliver a visually stunning, total-control solution
- | Four programmable buttons
- | Available in black and white



### CONTROL4 7" PORTABLE TOUCH SCREEN WITH CAMERA

C4-TSMC7-EN-BL

A flexible and wireless control device ideal for home theater and media rooms.

- | Same features as the 7" In-Wall Touch Screen with Camera in a portable form factor
- | Easily configured as a tethered tabletop device—great for countertops, end tables and nightstands or as a truly portable device with a charging station



### CONTROL4 7" IN-WALL TOUCH SCREEN

C4-TSWMC7-EG-BL and C4-TSWMC7-WH

A dedicated audio/video system user interface with built-in audio intercom features.

- | Edge-to-edge capacitive glass and low-profile mount
- | Optional intercom functionality lets you chat, monitor or broadcast with other intercom-enabled devices



## CONTROL4 USER INTERFACES



### CONTROL4 APPS

Provides mobile control of a Control4 system from virtually any smartphone, tablet and laptop.

- | Apps available for Apple iPhone, iPod Touch, iPad, Android smartphones and tablets, PCs or Macs



### CONTROL4 SR-250 SYSTEM REMOTE AND RECHARGING STATION

C4-SR250RSK-B

Provides control of home theaters and the whole house from one remote.

- | Features a high-visibility screen and backlit keys for easy use in any lighting conditions
- | Single-button press on the SR-250 turns on AV gear so you can start watching or listening to your favorite movies or music instantly
- | Use the SR-250 list navigator to conveniently control the system from the remote, or use the remote to operate the system from a TV screen



### CONTROL4 WIRELESS CONFIGURABLE KEYPAD

C4-KC120277-WH

- | An elegant and customizable user interface that unlocks the power of one-touch automation, enabling control of audio, video, lighting, security and more
- | Configured with 2 to 7 custom-engraved LED backlit buttons, using 4 different button sizes, for a total of 37 possible configurations



# COMPLETE SOLUTIONS FROM A TO V

Multiple media distribution solutions—all in one location. Find out more at [dealer.control4.com/products](http://dealer.control4.com/products)



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