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## Introduction

No two workspaces are the same, yet with some careful planning and the right mixture of technology, both fixed and flexible solutions for all audio/visual requirements in the workplace are readily available.

Our new PUV-1600 Series of extenders and switchers now offers the corporate sector the widest range of features across a vast range of applications. Whether it is breaking out the audio, combining and displaying 4K UHD video streams for presentations or offering local or global connectivity for visitors, any combination is available and easily controlled.

For those looking to use existing networks within an office space, our latest IP-7000 Series IP extenders, switchers and controllers offer both easy connectivity and control across a wide range of functions.

Take a look through our solutions brochure, which includes both real-world and possible applications. We hope that it will inspire your designs and help you realise that no matter what your client requires, with CYP, you are able to deliver.

**"It's not about ideas, it's about making ideas happen"**

Scott Belsky



### PUV-1600 series key features

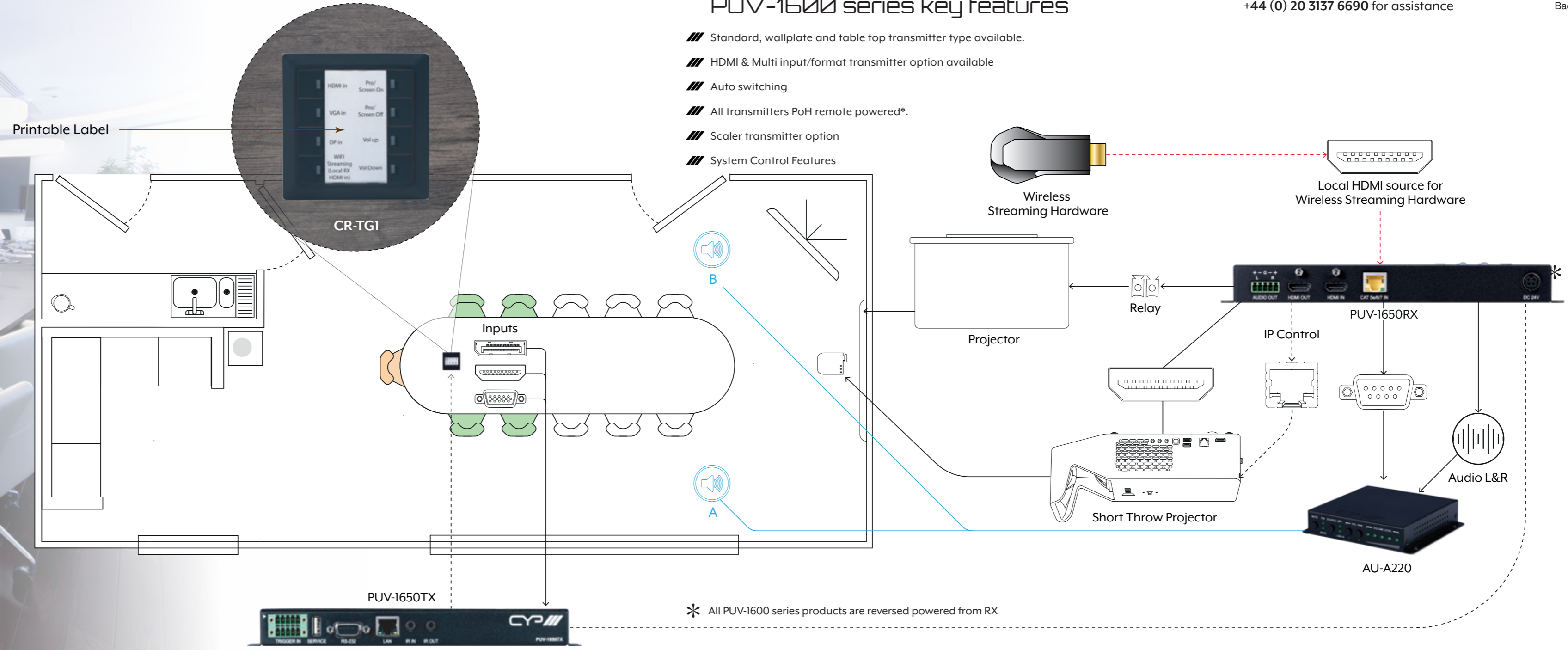
- /// Standard, wallplate and table top transmitter type available.
- /// HDMI & Multi input/format transmitter option available
- /// Auto switching
- /// All transmitters PoH remote powered\*.
- /// Scaler transmitter option
- /// System Control Features

Key

HDMI	LAN
Display Port	VGA
Relay	Audio

Chair Person

Presenter Chairs



\* All PUV-1600 series products are reversed powered from RX

## Benefits

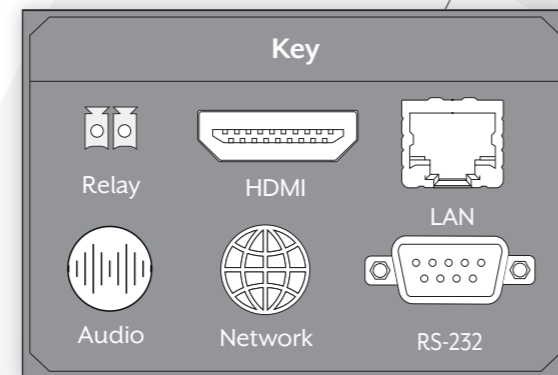
- Extend AV signals over CAT up-to 100M
- Mountable TX/RX
- Local HDMI input on RX
- 2 x Control Relay on RX
- PoH Powered TX\*
- De-embedded audio output from RX



PUV-1610TX  
HDMI Transmitter



PUV-1650RX  
Powered RX with HDMI output  
& Local HDMI input



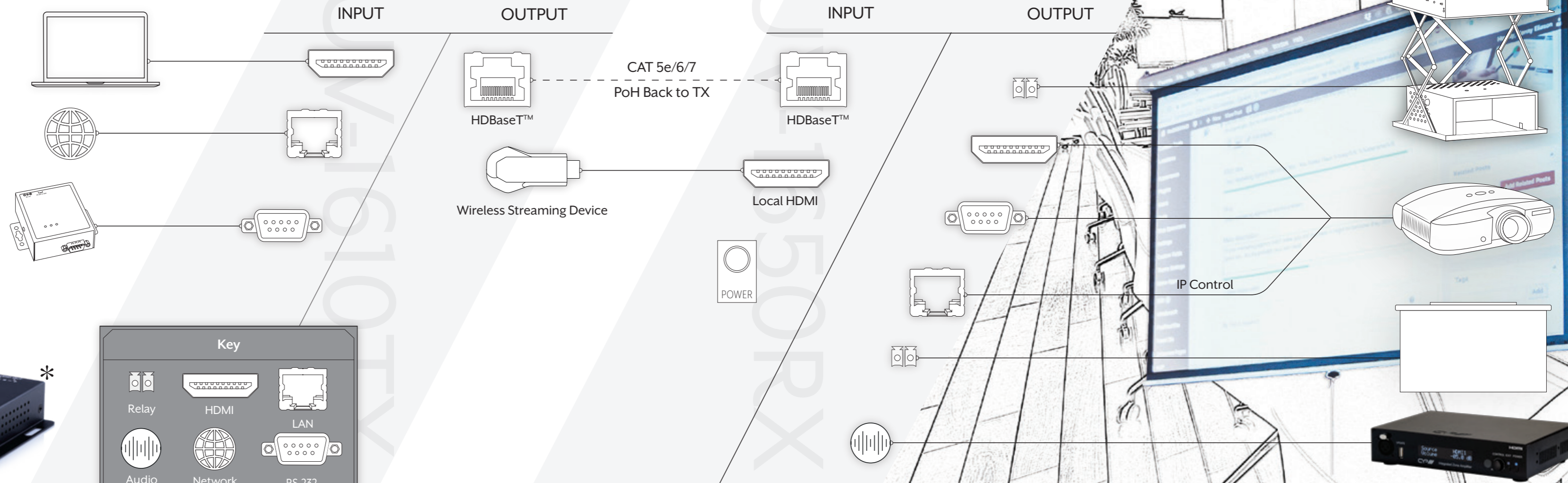
\* All PUV-1600 series products are reversed powered from RX



Transmitter



Receiver



AU-A300 Also available  
AU-A220 & AU-A50

# Meeting Room Solution 3

## Benefits

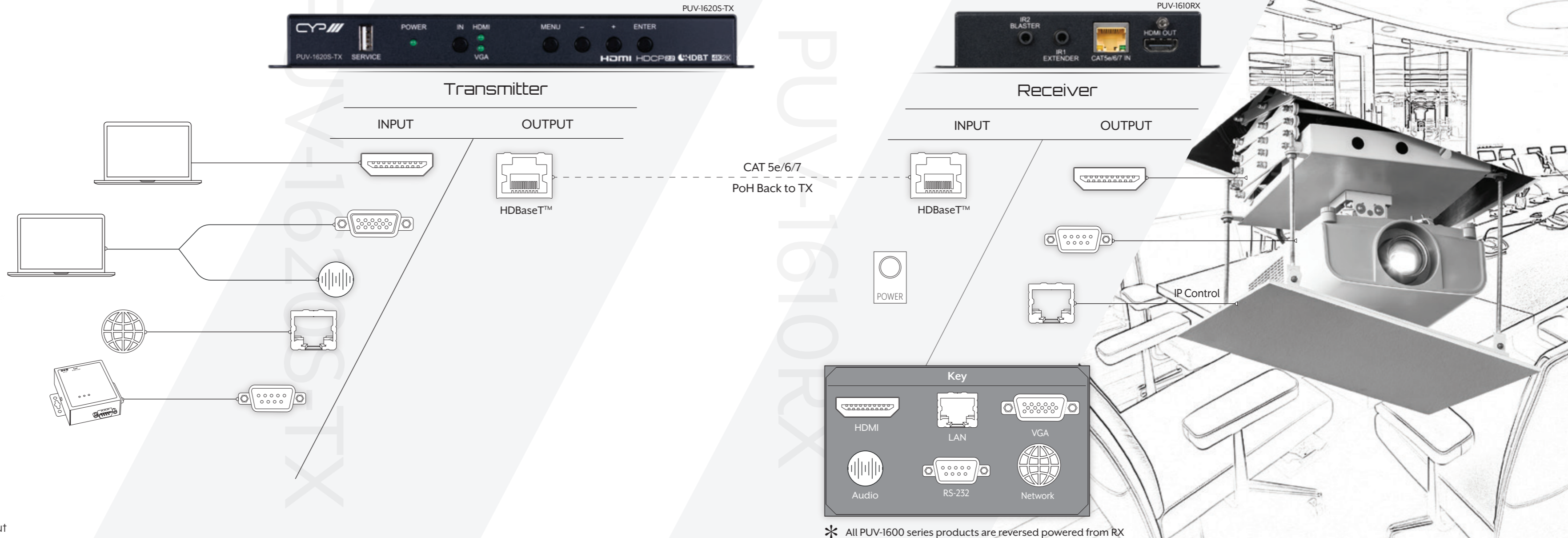
- Extend AV Signals over CAT5e/6/7 up-to 100M
- Mountable TX/RX/Rax Compatible 300/600
- PoH Powered TX\*
- Scaling TX
- Auto Switching TX
- Multiple Input TX



PUV-1620S-TX  
HDMI Transmitter



PUV-1610RX  
Powered RX with HDMI output



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# Meeting Room Solution 4

## Benefits

- Extend AV signals over CAT5e/6/7 up-to 100M
- 2-Gang wall plate TX
- PoH Powered TX\*
- Optional scaling wall plate TX
- Auto switching TX
- Mountable RX
- HDMI & VGA plus audio input



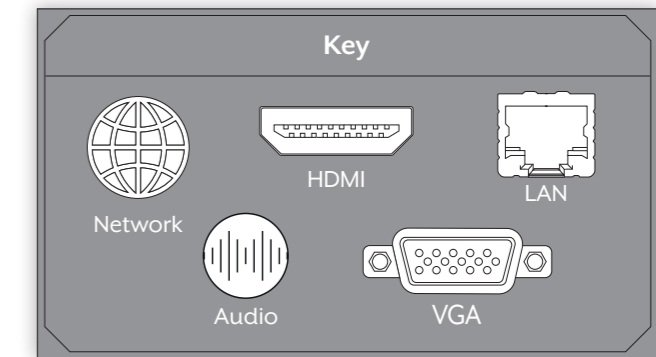
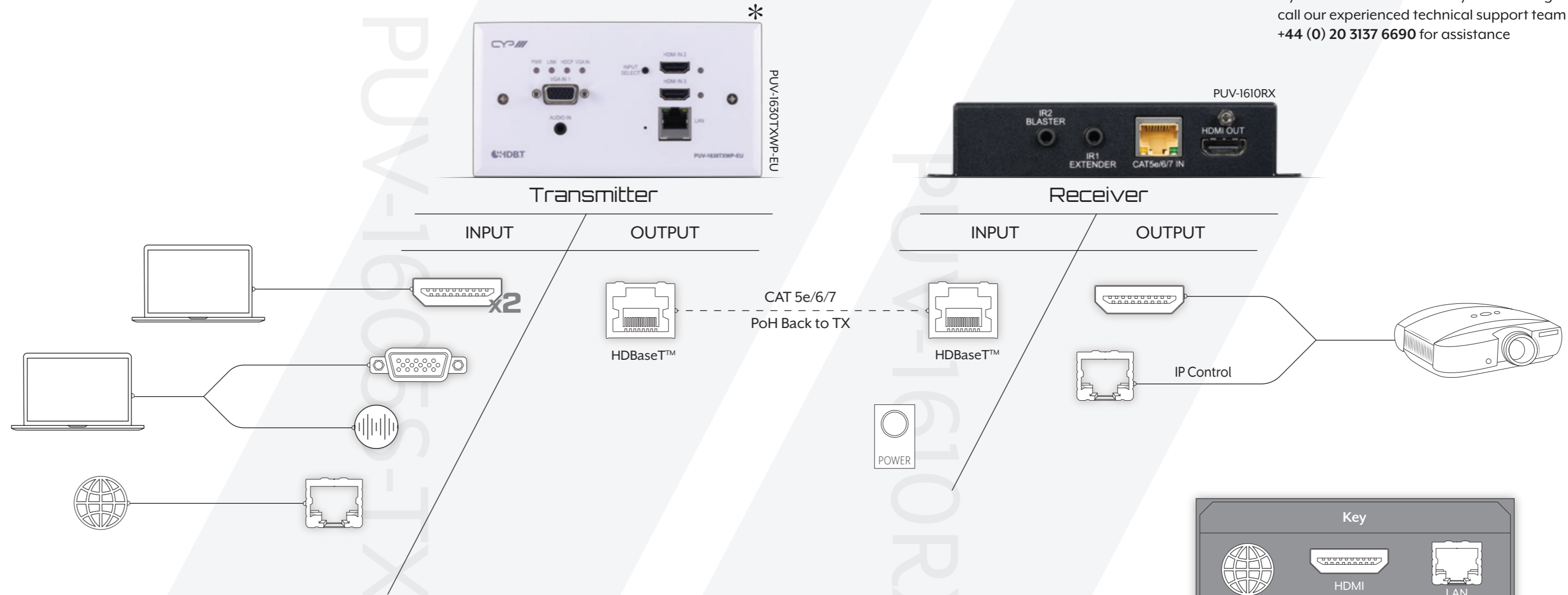
PUV-1630TXWP-EU  
2 x HDMI, 1 x VGA over Single CAT5e/6/7 HDBaseT™  
Wall plate (EU) Transmitter (Single LAN up to 100m, PoH)



PUV-1602-TXWP  
HDMI & VGA Wall Plate TX /  
PUV-1605S-TXWP (Alternative Scaling Wall Plate TX)  
Scaling HDMI & VGA Wall Plate TX



PUV-1610RX  
Powered RX With HDMI Output



\* All PUV-1600 series products are reversed powered from RX

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# Huddle Room System Solution

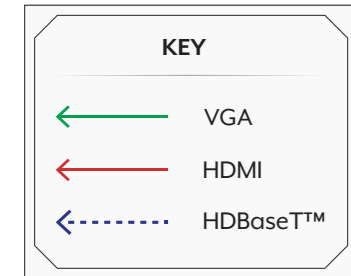
Flexible Presentation Solutions for the Modern Meeting Space.

## Benefits

- /// Table Top Transmitter for flexible positioning within the meeting/huddle space
- /// Auto input switching
- /// CEC/RS-232/Telnet commands for simple, basic automation (screen on/off) and display input select



PUV-1630TTX  
Also available  
CMD 'Reveal' box

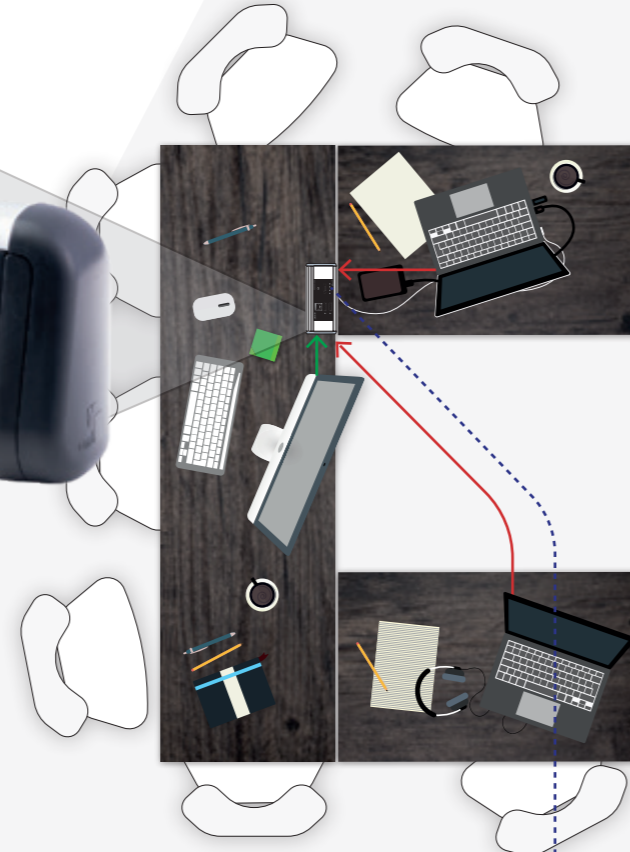


\* All PUV-1600 series products are reversed powered from RX



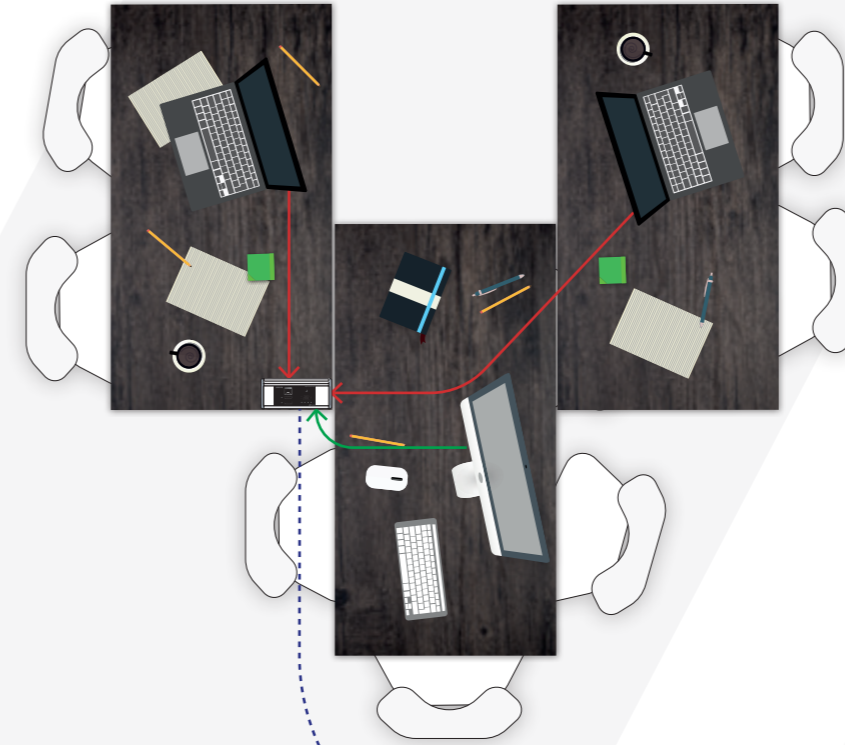
If you can't find the solution you're looking for call our experienced technical support team on **+44 (0) 20 3137 6690** for assistance

### Example 1



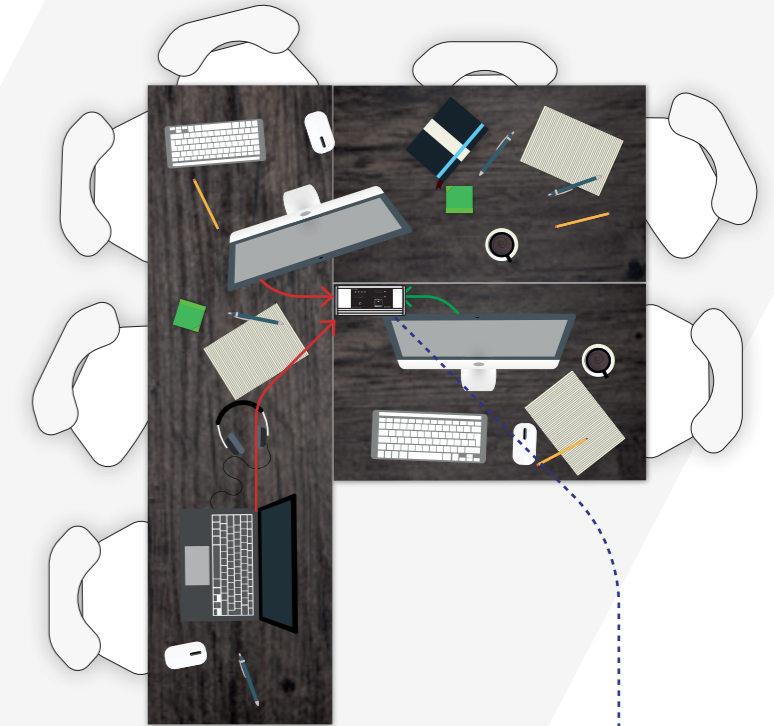
PUV-1610RX  
\*Any PUV-1600 Receiver

### Example 2



PUV-1610RX  
\*Any PUV-1600 Receiver

### Example 3



PUV-1610RX  
\*Any PUV-1600 Receiver

## Benefits

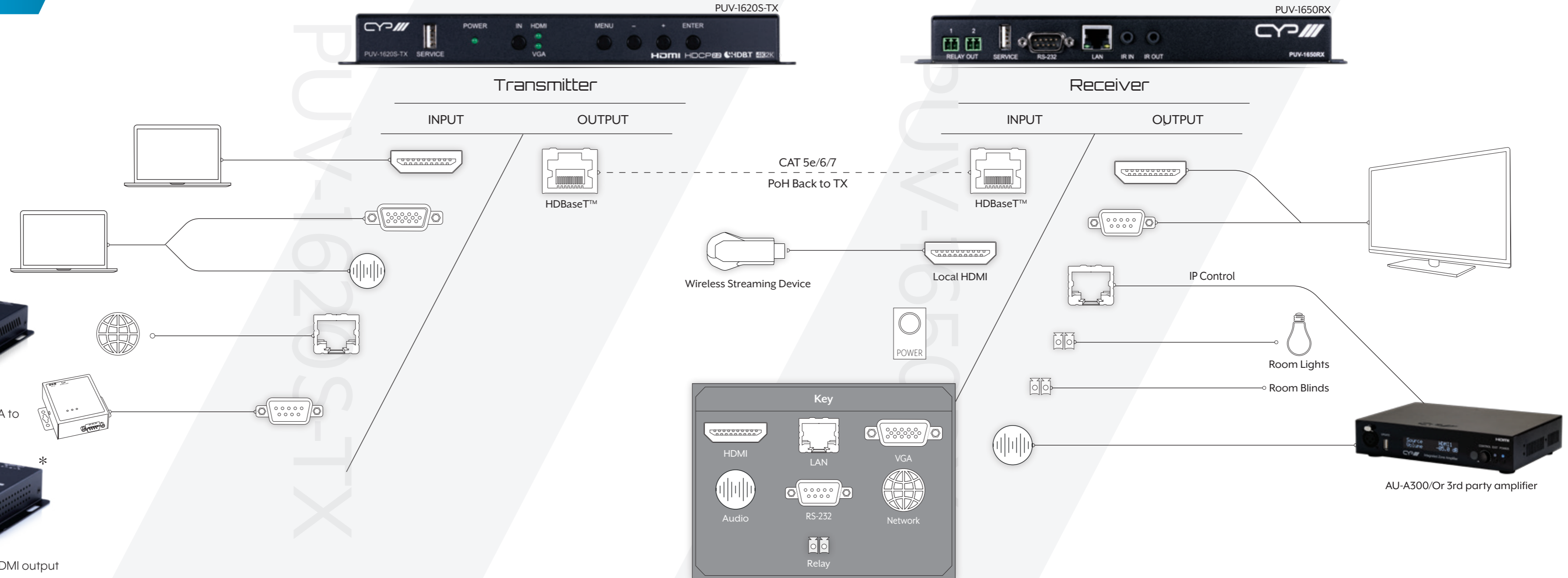
- /// Extend AV signals over CAT5e/6/7 up-to 100M
- /// Mountable TX/RX
- /// Auto-switching TX
- /// Audio Output on RX
- /// Audio Input on TX
- /// Local HDMI input on RX
- /// 2 x Control Relay on RX
- /// PoH Powered TX\*
- /// Scaling TX



**PUV-1620S-TX**  
4K UHD+ HDMI/VGA to  
HDBaseT™ Scaler



**PUV-1650RX**  
Powered RX with HDMI output  
& Local HDMI input



\* All PUV-1600 series products are reversed powered from RX



## Benefits

- /// Local HDMI output on TX
- /// Extend AV signals over CAT5e/6/7 up-to 100M
- /// Direct trigger input on TX
- /// Auto-switching TX
- /// PoH Powered TX\*
- /// Mountable TX/RX
- /// In built control system
- /// Multi format inputs



CR-TGI  
Trigger Module



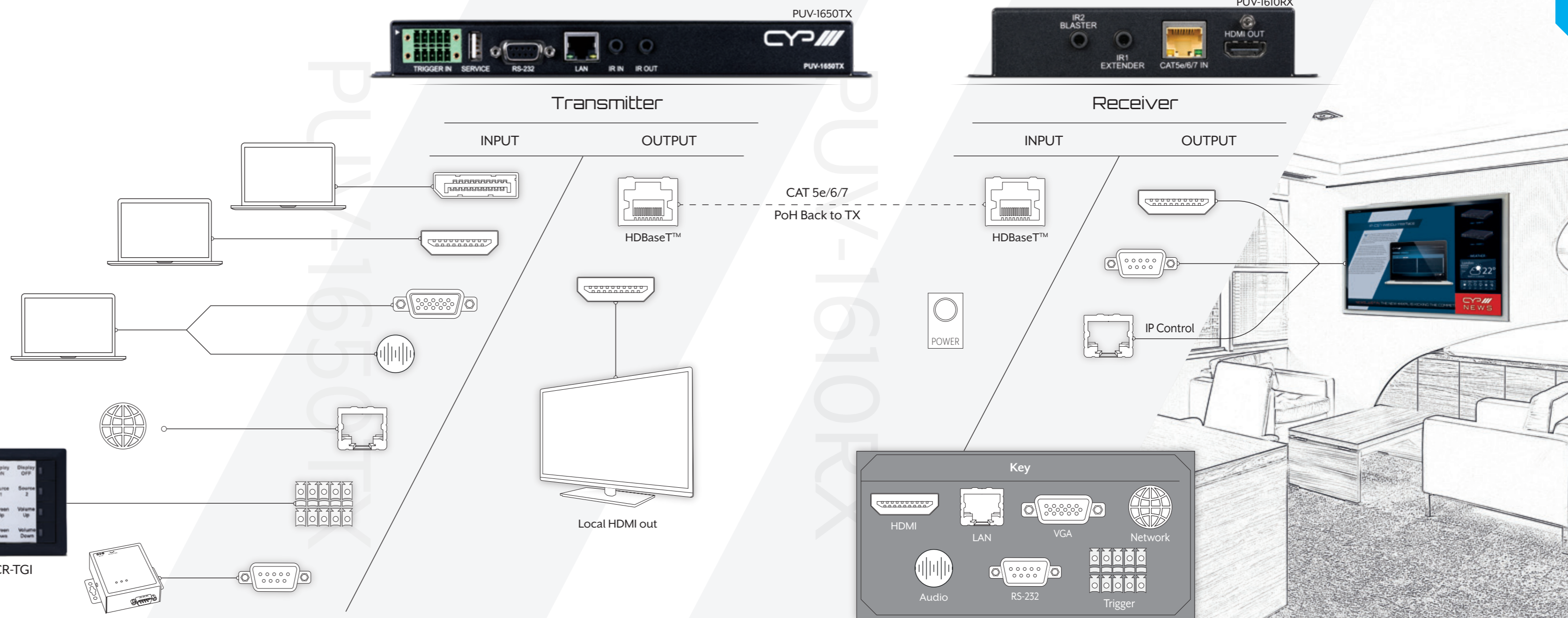
PUV-1650TX  
DP, HDMI & VGA TX



PUV-1610RX  
5-Play HDBaseT™ Receiver



CR-TGI



**Key**

HDMI	LAN	VGA	Network
Audio	RS-232	Trigger	

\* All PUV-1600 series products are reversed powered from RX

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## Benefits

- /// Extend AV signals over CAT5e/6/7 up-to 100M
- /// Direct trigger input on TX
- /// 3-Way auto-switching TX
- /// Local HDMI Output on TX
- /// Audio Output on RX
- /// Local HDMI Input on RX
- /// 2 x Control Relay on RX
- /// PoH Powered TX\*
- /// Mountable TX/RX
- /// Scaling
- /// In built control system
- /// Multi input formats



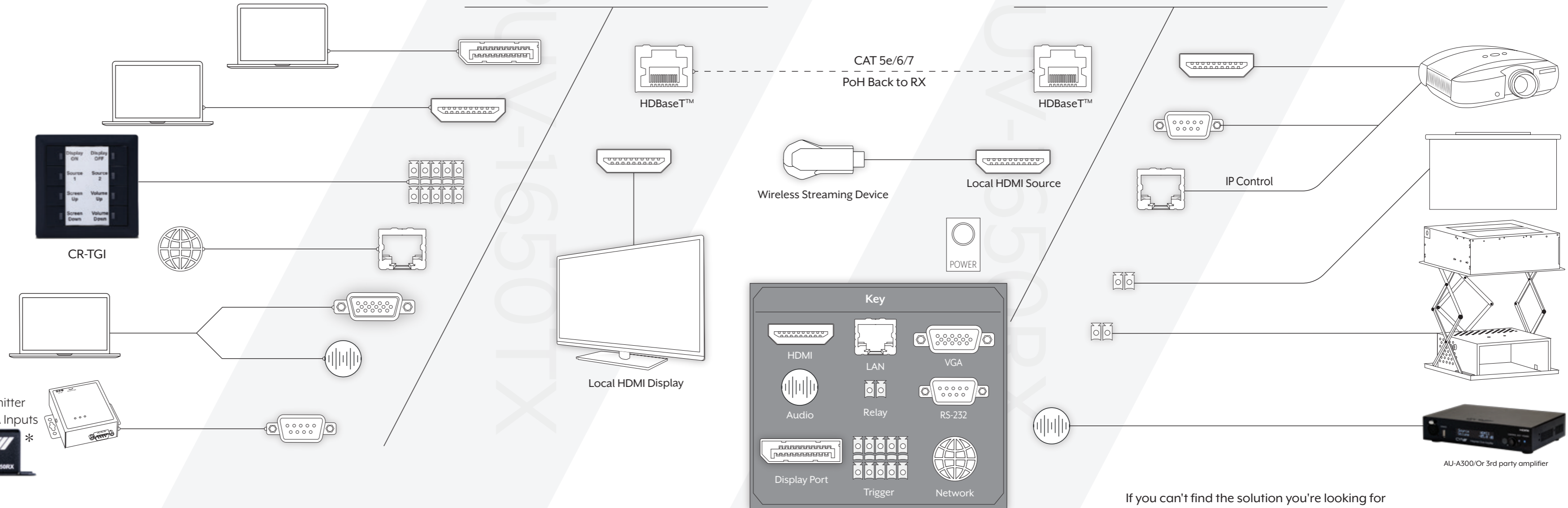
CR-TGI  
Trigger Module



PUV-1650TX  
Multi-Format HDBaseT Transmitter  
with HDMI, Display Port & VGA Inputs



PUV-1650RX  
Powered RX with HDMI output  
& Local HDMI input



\* All PUV-1600 series products are reversed powered from RX

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## Benefits

- /// Distribute full 18Gbps 4K signal over HDBaseT to multiple displays
- /// 4K HDR 10/12 bit (HDR and Dolby Vision) with AVLC (Adaptive Visually Lossless Compression)
- /// Local HDMI output for local display or extending the distribution system
- /// Balanced or unbalanced de-embedded audio output
- /// Two-way IR and RS-232 control



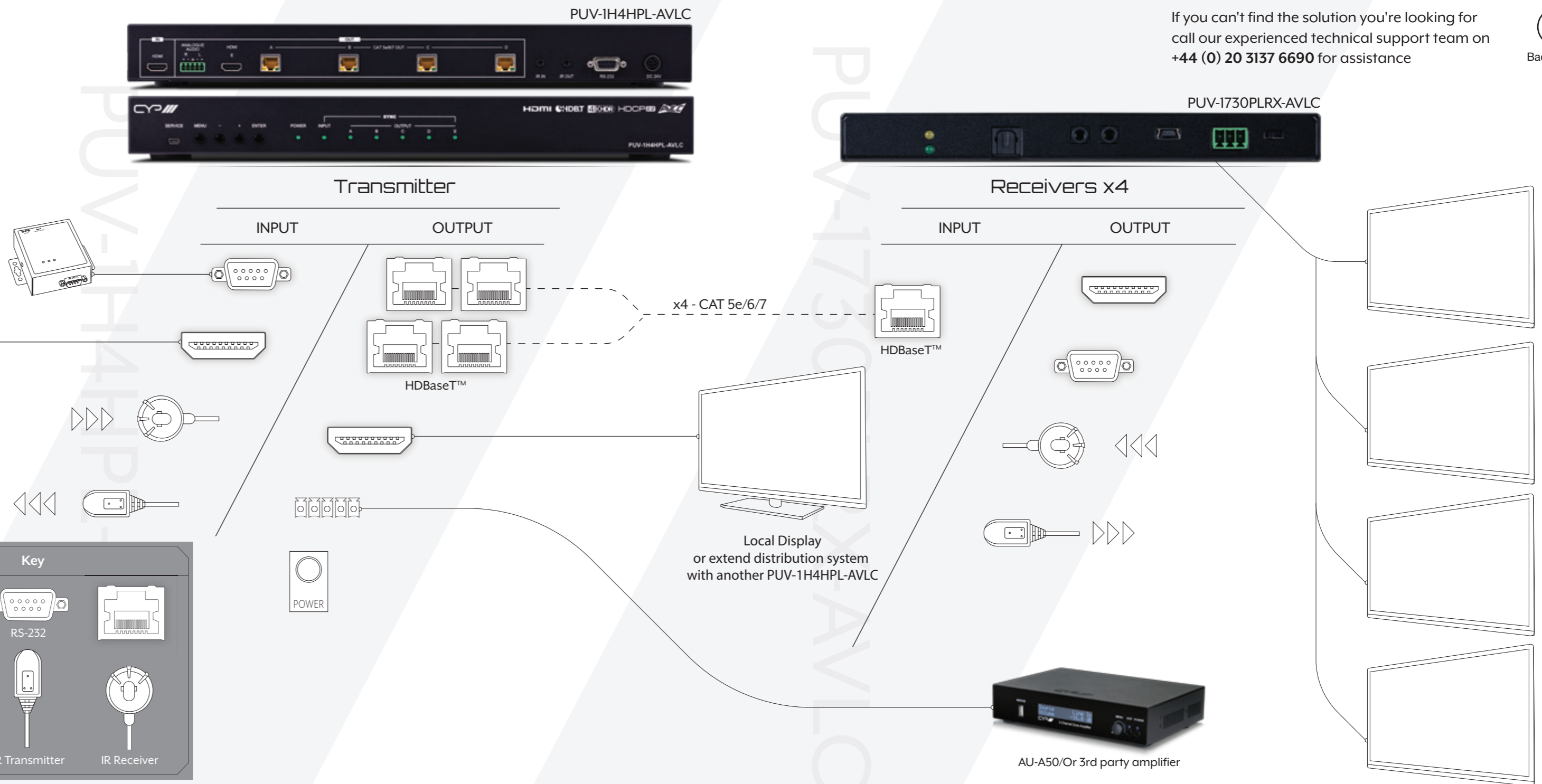
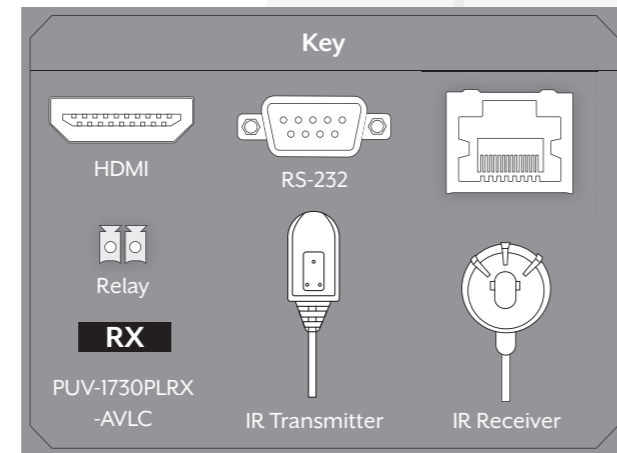
PUV-1H4HPL-AVLC



AU-A50  
Integrated 2-Channel Zone Amplifier  
(Audio Only)



PUV-1730PLRX-AVLC  
70m HDBaseT™ HDR (6G) Receiver  
(4K, HDCP2.2, PoH, 18GBPS. OAR)



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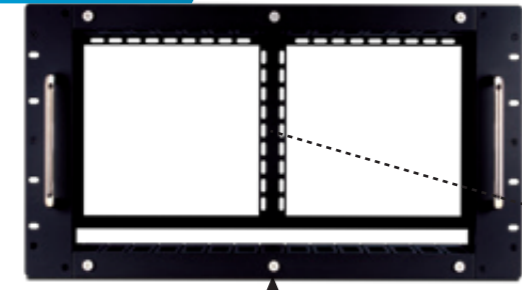


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# Hospitality IP System Solution

## Benefits

- /// Drag & Drop Control System via WebGui
- /// Simple Wizard Control Setup
- /// Audio Input/output
- /// PoE TX & RX's Groups & Presets
- /// PoE Power options
- /// Two way IR

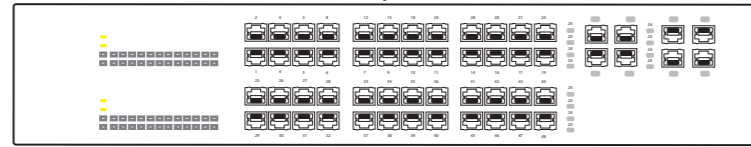


RAX-600

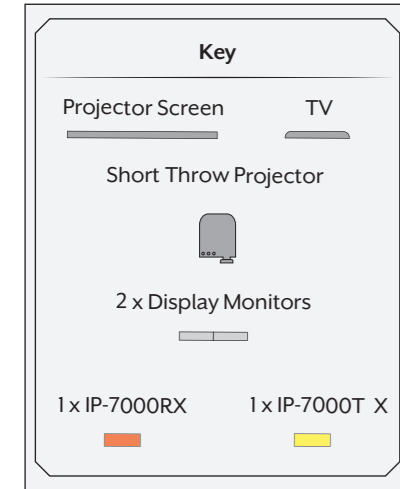


1 x IP-CS7

As Required For Whole System



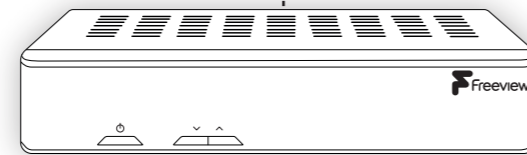
1 x 48 Port 1G Network Switch



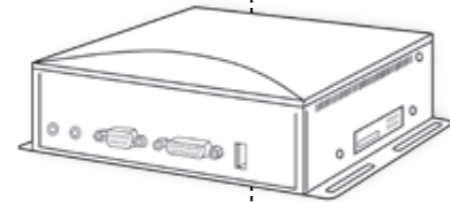
1 x IP-7000TX  
Per Source



1 x IP-7000RX  
Per Display

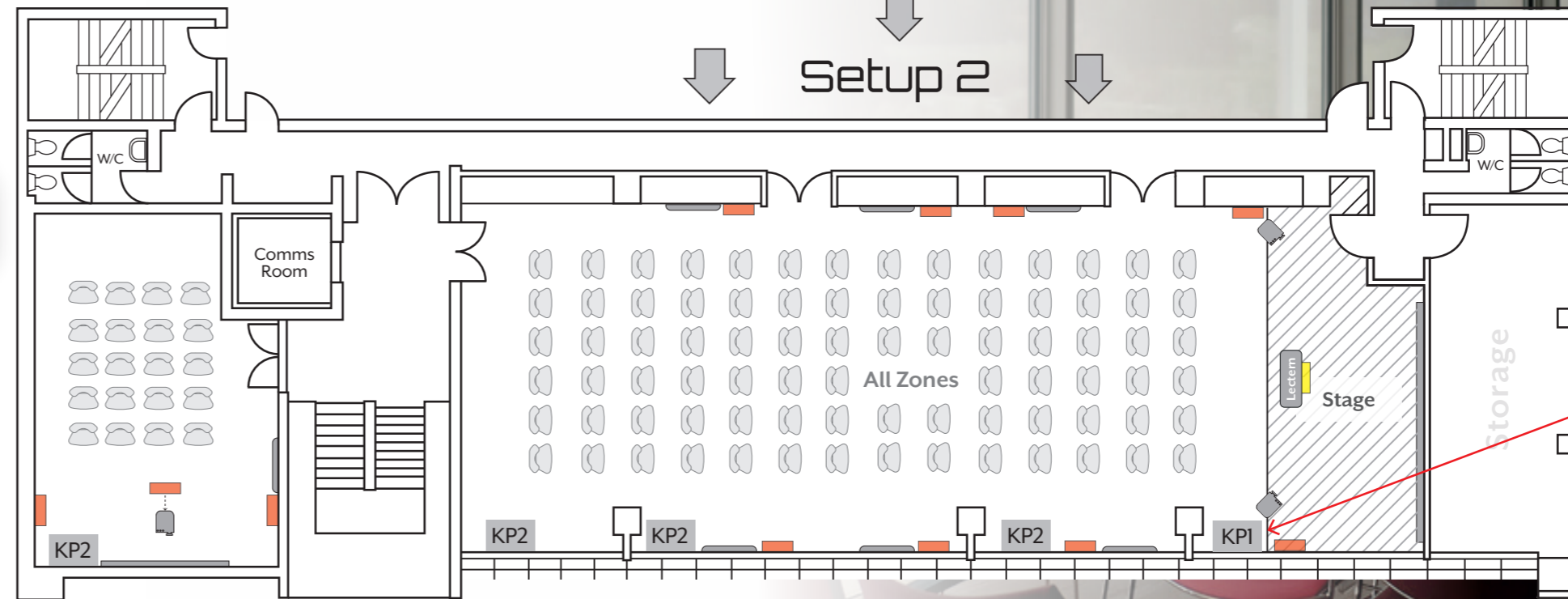
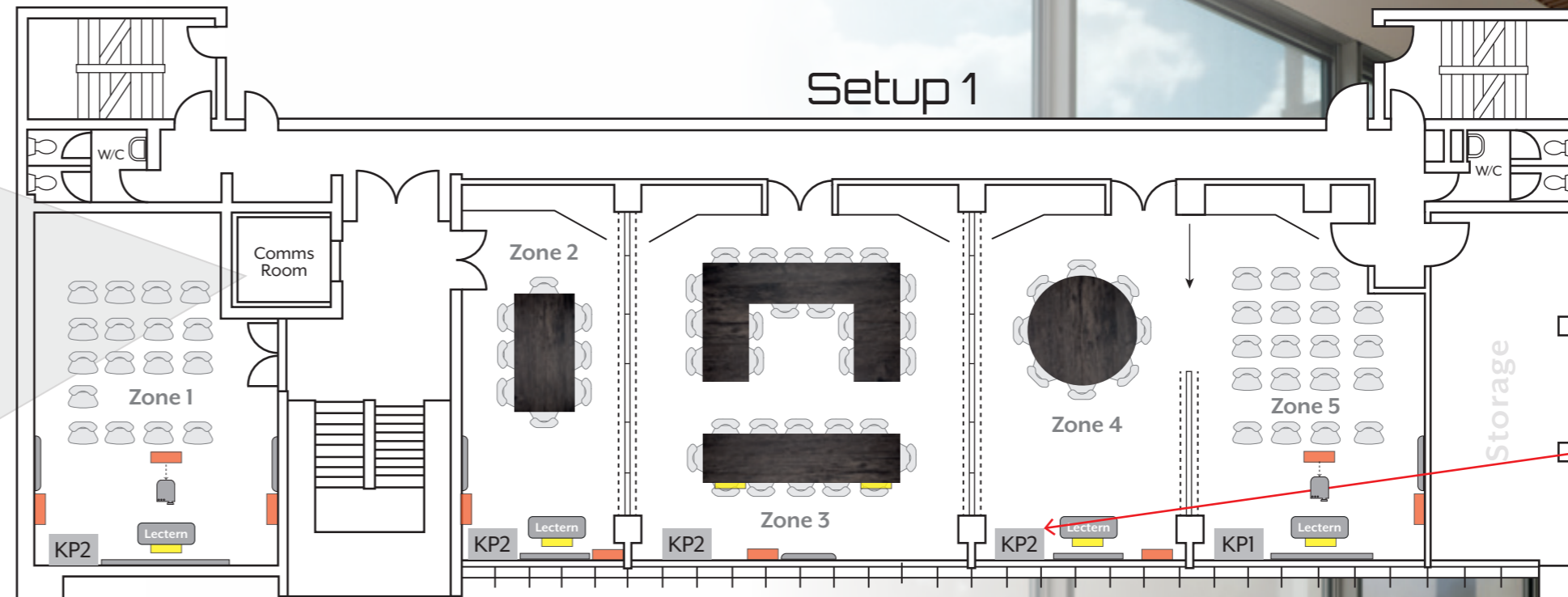


Freeview Box



Signage Player

\*Any number of Sources can be added



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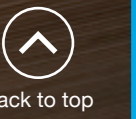
KP2

Or 3rd party solution



KP1

Or 3rd party solution



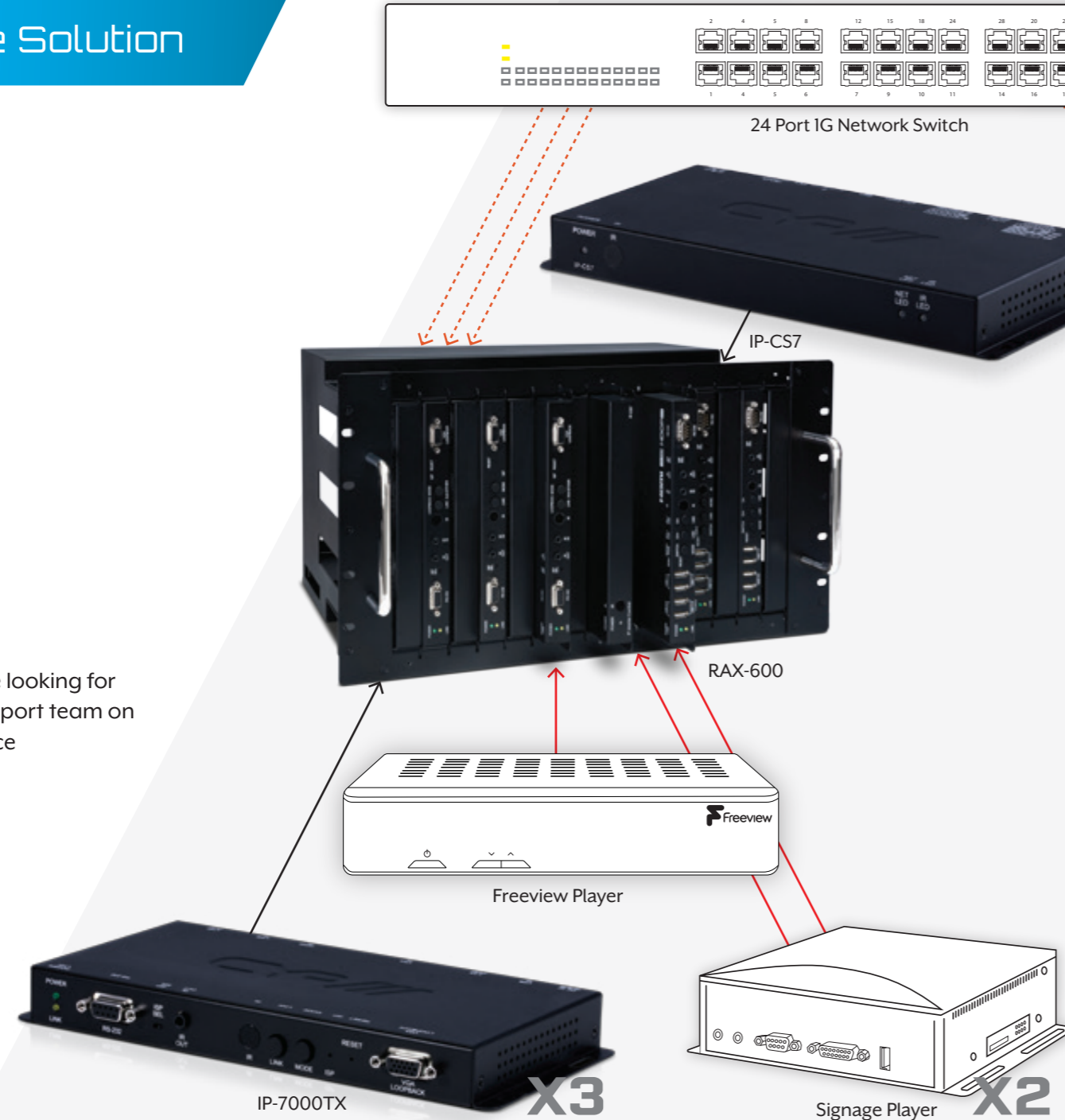
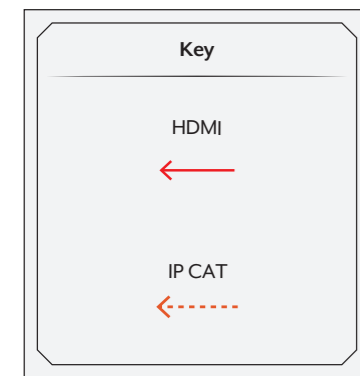
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# IP Matrix Signage Solution

## Benefits

- /// PoE Power options
- /// Two way IR
- /// Simple wizard setup procedure
- /// Trigger input for control
- /// Drag and drop WebGUI control
- /// Groups and preset configuration
- /// Flexible and scalable IP System
- /// Audio Input/output
- /// USB Connectivity
- /// Cascadable RX's

If you can't find the solution you're looking for call our experienced technical support team on +44 (0) 20 3137 6690 for assistance

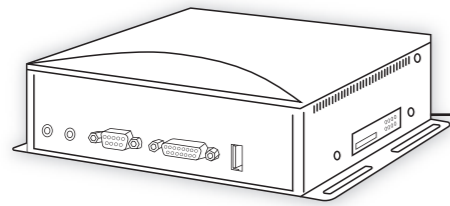


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# IP: 'One to Many' System Solution

## Benefits

- /// Flexible and scalable IP System
- /// VGA and HDMI inputs
- /// Audio Input/output
- /// IP-7000 Cascadable distribution system
- /// Single source to any number of displays without network switch
- /// Star configuration



Digital Signage Player  
Each RX is delivering the source to a display.



IP-7000TX



IP-7000RX



IP-7000RX



IP-7000RX



IP-7000RX



IP-7000RX



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IP-7000RX



IP-7000RX



IP-7000RX



IP-7000RX



IP-7000RX



IP-7000RX



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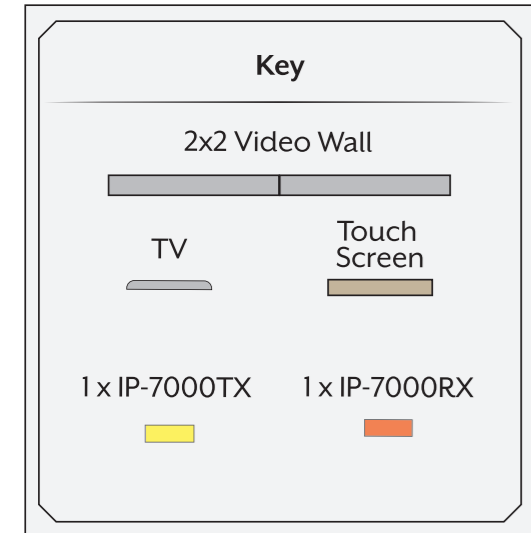
If you can't find the solution you're looking for  
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# IP Leisure/Bar Matrix System Solution

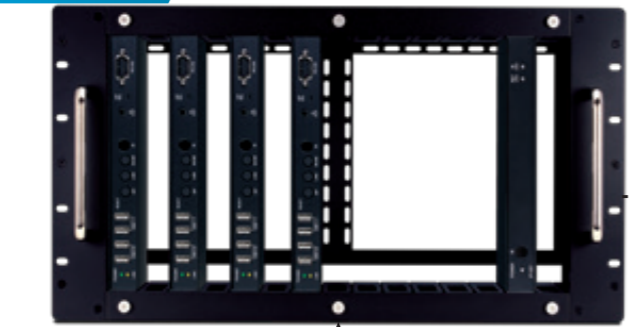
## Benefits

- /// Direct connection to IP-CS7 from touch screen display
- /// Drag & drop user control
- /// Wizard setup
- /// Groups and preset configuration
- /// Flexible and scalable IP System
- /// PoE Power options
- /// Two way IR

If you can't find the solution you're looking for call our experienced technical support team on +44 (0) 20 3137 6690 for assistance



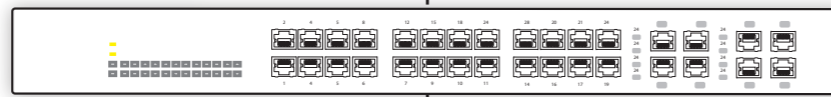
1 x 24 Port 1G Network Switch



RAX-600



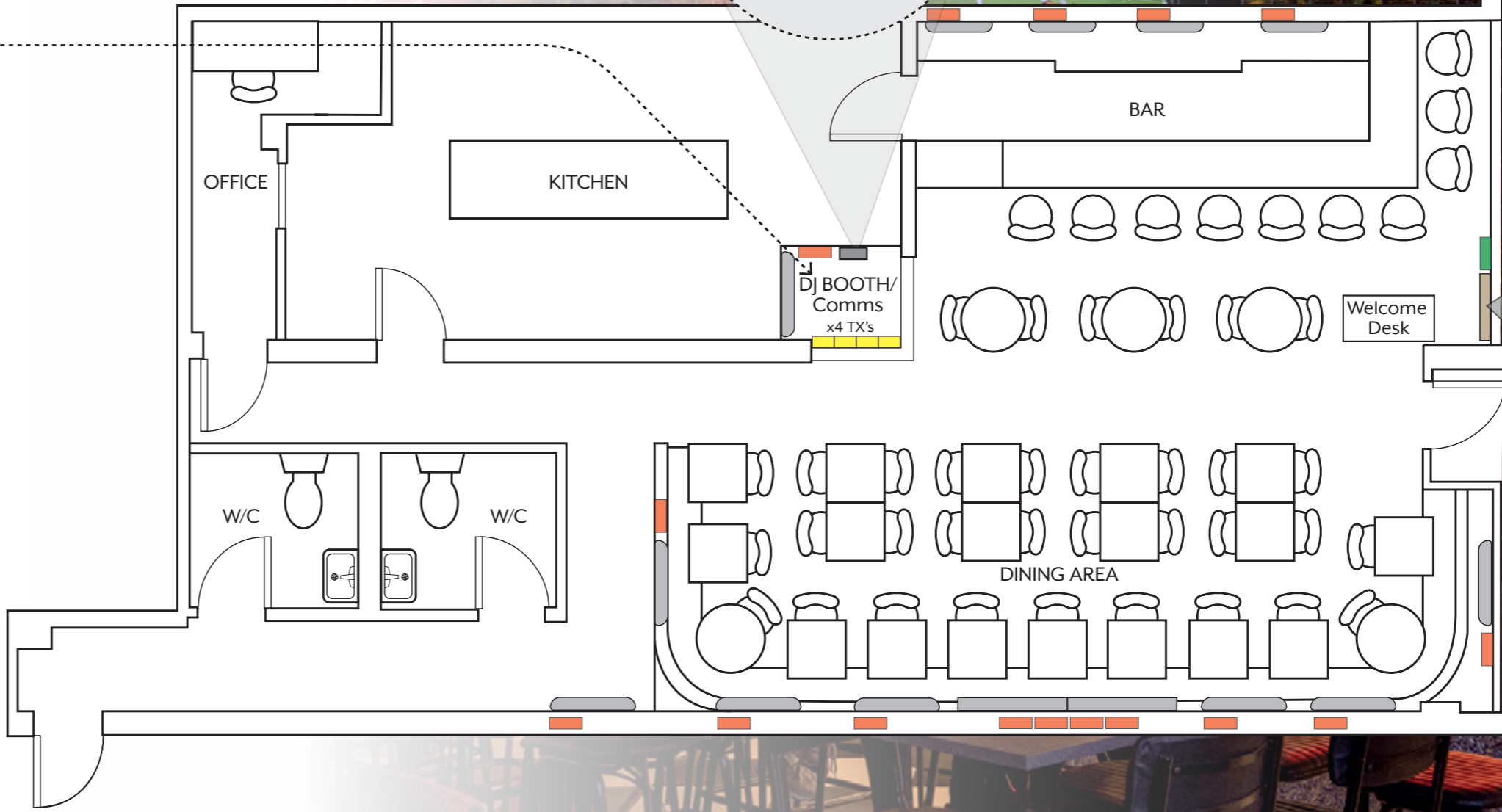
1 x IP-CS7



1 x IP-7000TX  
Per Source



1 x IP-7000RX  
Per Display



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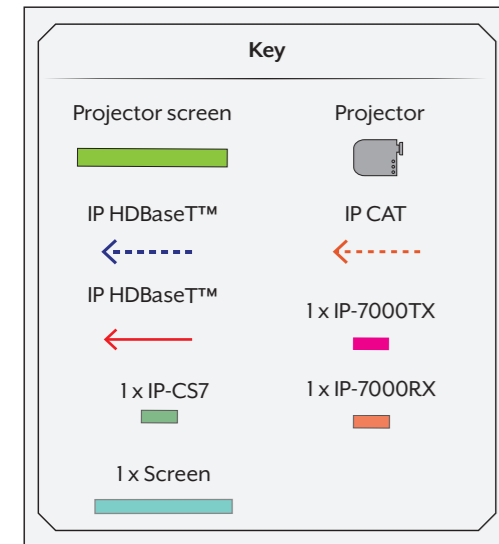
\*see page X for details

# University Room IP System Layout

## Benefits

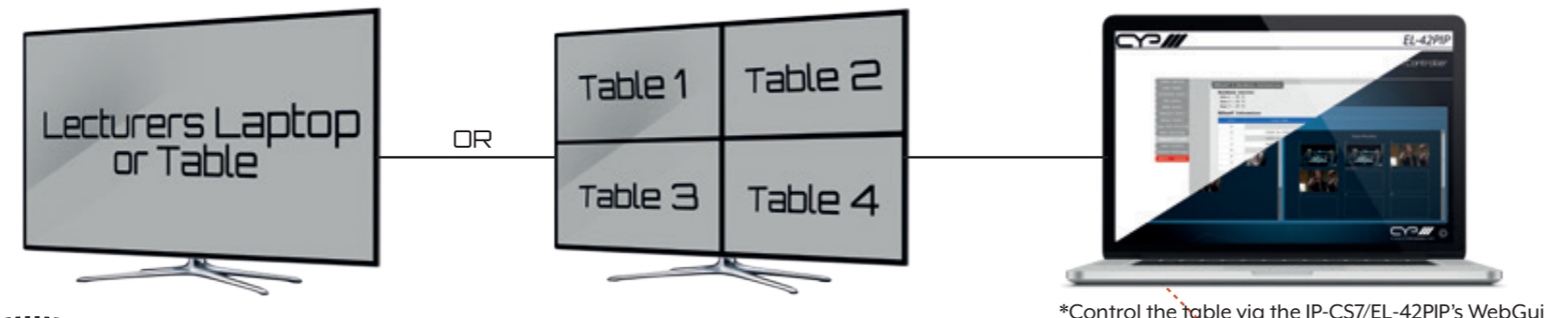
- /// PoE/PoH Power options
- /// Two way IR
- /// Wizard setup procedure
- /// Trigger input
- /// Drag and drop WebGUI control
- /// Groups and preset configuration
- /// Multi-view modes

If you can't find the solution you're looking for call our experienced technical support team on +44 (0) 20 3137 6690 for assistance.



Also available the PUV-1630TTX-Reveal box

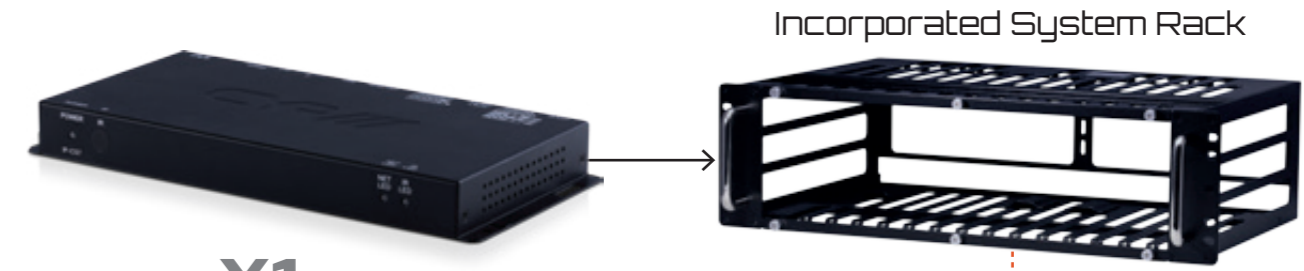
In collaboration with **cmd**



PUV-1630TTX



\* Lecturers Laptop



X1 IP-CS7

RAX-300/RAX-600



CHDBT Reversed powered



X4 PUV-1610RX



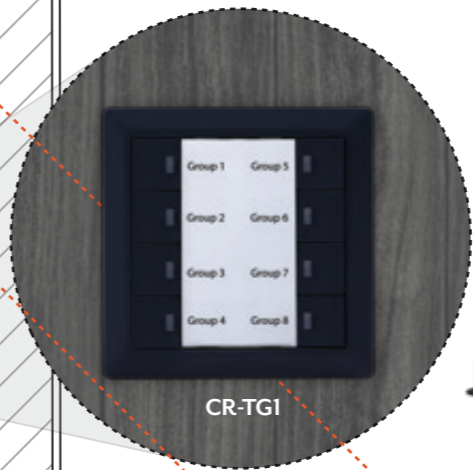
X1 EL-42PIP



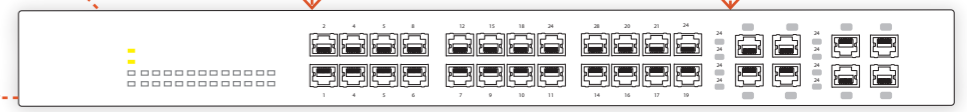
X2 IP-7000TX



X1 IP-7000TX Lecturers Laptop



CR-TGI



X1 24 Port 1G Network Switch



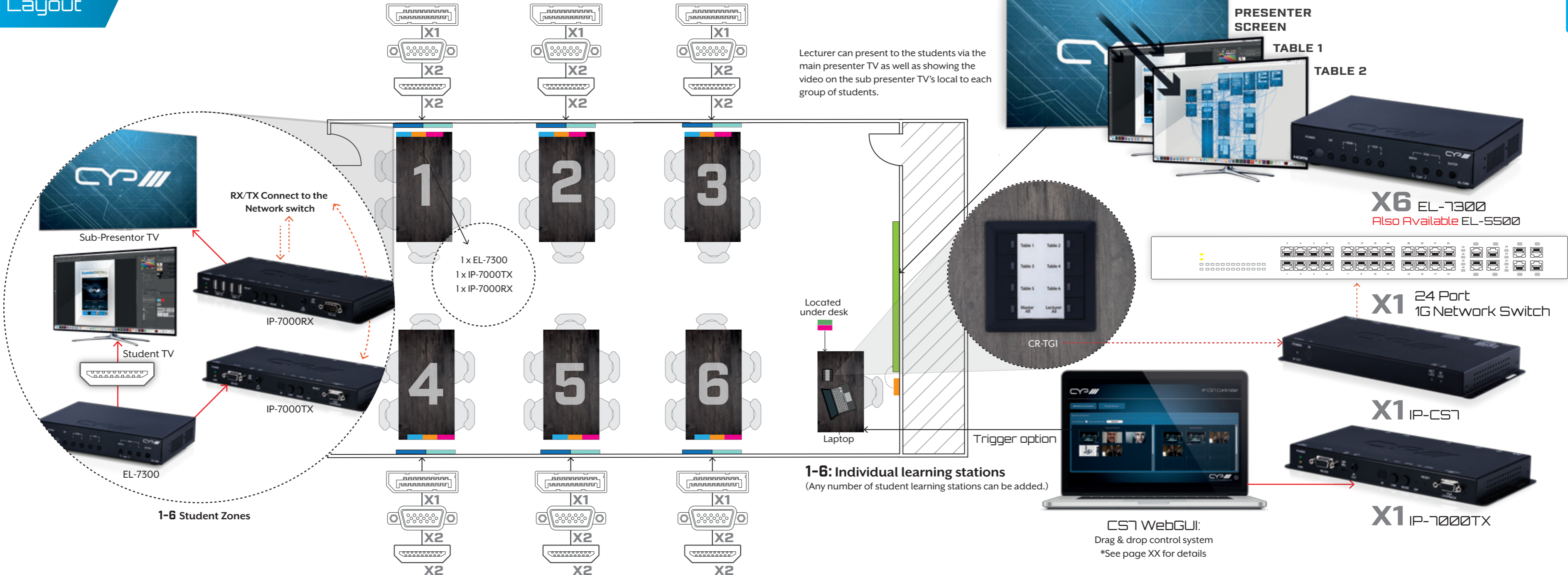
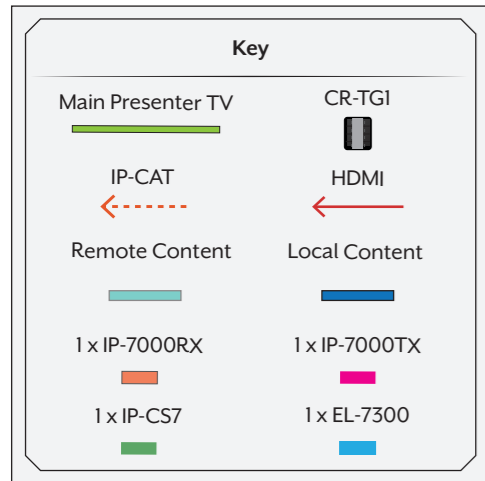
# University IP System Layout

## Benefits

Students can show each other their work on the local TV plus the lecturer can both display their laptop or push any students work being displayed locally to the main and sub presenter TV's to display throughout the lecture hall.

The IP-CS7 has a direct trigger input (CR-TGI) that recalls up-to 8 pre-sets configured on the IP-CS7 (As shown on the right)

The IP-CS7 has its own WebGUI and the user can make bespoke I/O changes for the whole connected system through a simple window drag and drop system.



Lecturer can present to the students via the main presenter TV as well as showing the video on the sub presenter TV's local to each group of students.

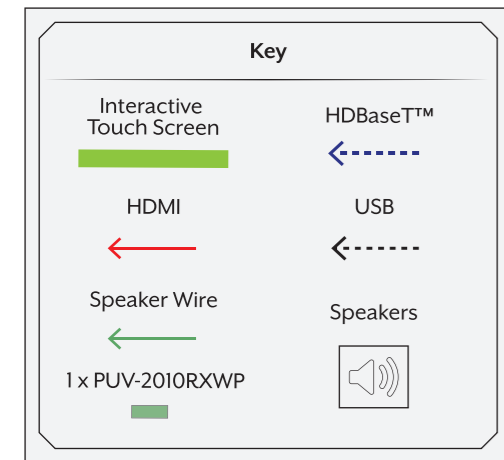
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# Classroom System Layout

## Benefits

- /// Supports full HDBaseT™ 2.0 specification signals can be received up to a maximum distance of 100m over CAT6a/7
- /// HDBaseT 5-Play™ convergence: High-Definition video and audio, 100BaseT Ethernet, PoH (Power over HDBaseT) and control (Bi-Directional IR & RS-232 pass through)
- /// Supported resolutions VGA-WUXGA, 480i-1080p, 4K UHD@24/25/30Hz (RGB 4:4:4 & YUV 4:2:2), 4K UHD@60Hz (YUV 4:2:0), 4K/2K@24/25/30Hz (RGB 4:4:4 & YUV 4:2:2) and 4K/2K@60Hz (YUV 4:2:0) dependent upon the output display's EDID settings
- /// Supports pass-through of HD audio formats: LPCM 2/5.1/7.1CH, Dolby Digital 2/5.1CH, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos and DTS-HD Master Audio
- /// Optical Audio Pathway
- /// USB Data Serving for interactive displays



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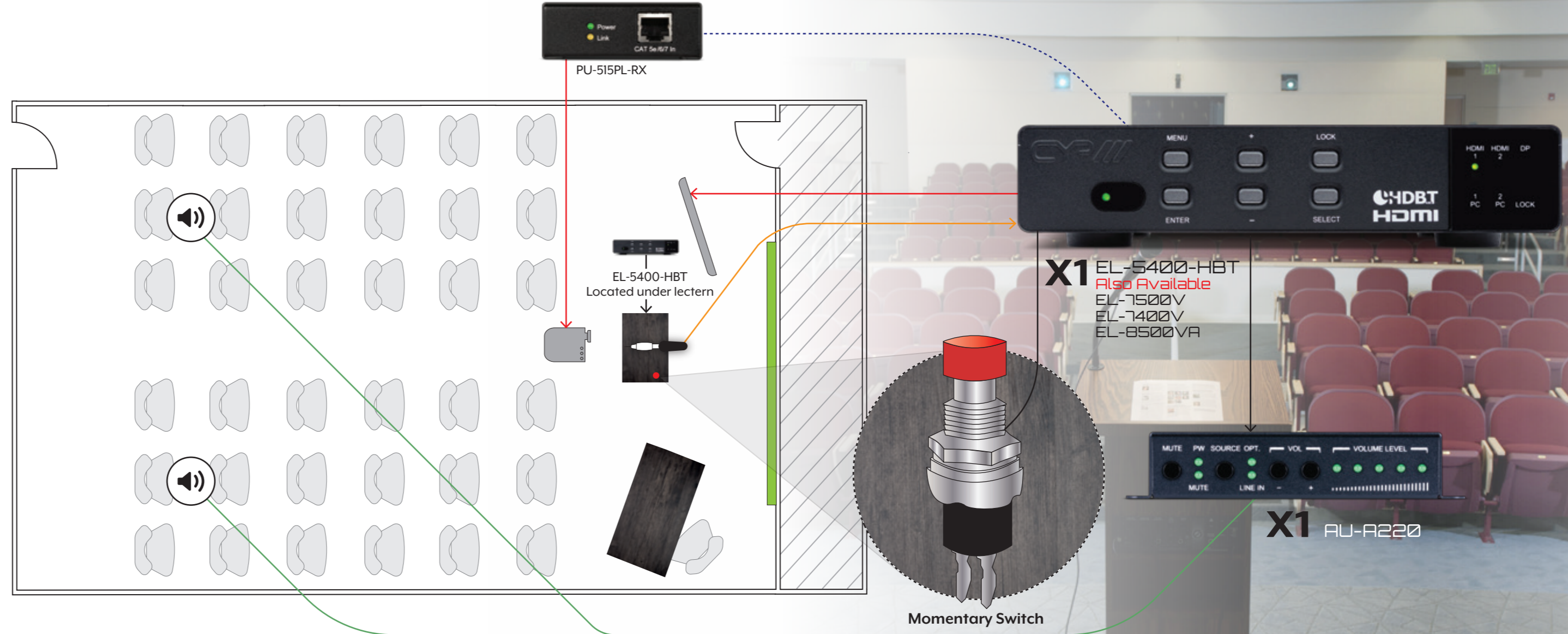
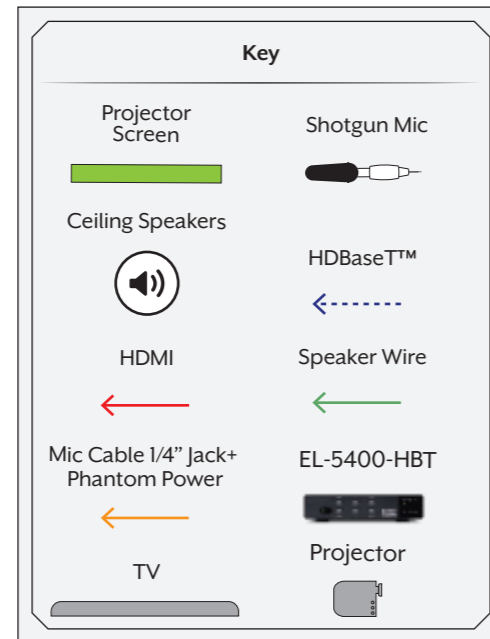


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# Lecture Room System Layout

## Benefits

- /// Supports HDMI 1.4 (including HDCP) over a single CAT5e/6/7 up to 60m
- /// Complies with HDBaseT™- Lite specifications
- /// Supports multiple inputs: 2×HDMI, 2×VGA and 1×DisplayPort, 3×Unbalanced Audio, 1×MIC In (48V phantom selection)
- /// Provides simultaneous HDMI and HDBaseT LITE outputs
- /// Supports HDTV resolutions up to 1080p (VGA to WUXGA)
- /// Audio DSP offers auto-mixing and auto-gain control for mixing or reducing background audio
- /// Supports Internal EDID management
- /// Supports pass-through of PCM 2CH
- /// Supports control via WebGUI, IR remote and RS-232
- /// Supports IR In and IR Out to receive or transmit IR signal from compatible HDBaseT receiver with bi-directional RS-232 control
- /// Input control provides direct input source selection



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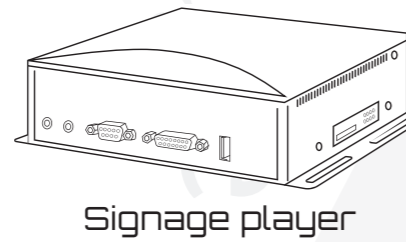
# Digital Signage Solution - DS-VWC

## Benefits

- /// HDMI 1.3 & HDCP 1.4 compliant
- /// 1 HDMI input and 1 HDMI output
- /// Input and output supports HD resolutions up to 1080p@60Hz
- /// Create multi display video presentation with displays at any angle and of any aspect ratio and image rotation
- /// Perfect for creating distinct and eye catching marketing and promotional displays systems
- /// Low video latency
- /// Supports pass-through of audio formats including LPCM 2.0/5.1/7.1, Bitstream, and HD Bitstream
- /// Wide variety of video adjustments, including: contrast, brightness, hue, sharpness, aspect ratio
- /// Custom EDID management
- /// Scaler mode features Video mirror, flip and freeze modes
- /// Basic control of the unit is provided by front panel controls with an informational OSD
- /// Complete control of multiple units is accomplished by use of video wall PC software application

The Video Wall Control software provides complete control over the Video Wall Rotation Processor via Ethernet or RS-232. This software can scan the local network, as well as any RS-232 connections on the PC, for controllable units to add to the current video wall grouping. Multiple video wall configurations can be stored in the software for quick local recall, or the configurations can be exported as a file for use in other video wall deployments.

In addition to video wall design, creation, and positioning, this software can also be used to configure the scaler mode of the unit, if needed.



Add as many screens that fit within a 1080p canvas to create your perfect digital signage solution.

Selection of configuration pre-sets

[Click here to download manual for the DS-VWC](#)



DS-VWC



DS-VWC



DS-VWC



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Control signage across multiple displays and individually through one design

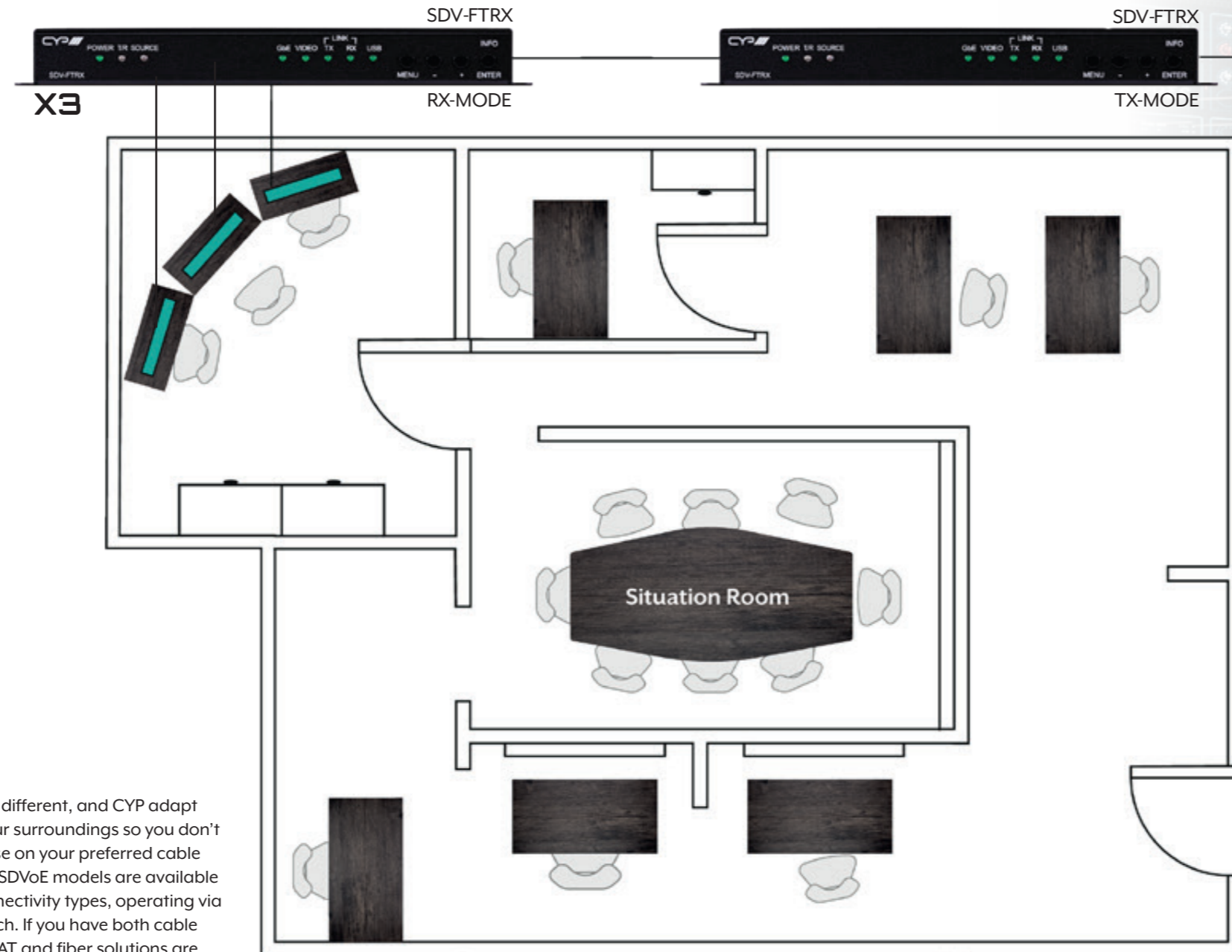
## Benefits

- /// Enables the management and configuration of multiple compatible SDVoE extenders through a single WebGUI
- /// Control over matrix, video wall, and multi-viewer modes using WebGUI presets
- /// Definable display groups
- /// WebGUI clearly displays the status of all connected Transmitters and Receivers, including IP address, channel selection, etc.
- /// HDMI output displays the WebGUI and system status
- /// Dual LAN ports enable control over VoIP installations that reside on a logically or physically separate network from the standard local network
- /// Supports the use of a USB mouse and keyboard to locally control the WebGUI (Optional)
- /// Can be powered directly by Power over Ethernet (PoE) when connected to an Ethernet switch that follows the 802.3af PoE standard (Optional)
- /// Trigger Control Keypad support for easy, single-button, preset activation (Optional)
- /// Standard control is available via WebGUI (remote or local), RS-232, Telnet, IR Remote and triggers

## Also available is the SDV-CTRX



Every installation is different, and CYP adapt our products to your surroundings so you don't have to compromise on your preferred cable infrastructure. Our SDVoE models are available in CAT or Fiber connectivity types, operating via a 10G network switch. If you have both cable types on site, our CAT and fiber solutions are able to run harmoniously together.



## PUV-1200 Series



Lite  
1230 O.A.R

### Products in the range

PUV-1210PL-RX  
PUV-1210PL-TX  
PUV-1230PL-RX  
PUV-1230PL-TX

## PUV-1500 Series



Full  
1530 O.A.R

### Products in the range

PUV-1510RX  
PUV-1510TX  
PUV-1510RXWP  
PUV-1530TX  
PUV-1530RX  
PUV-1540S-RX  
PUV-1550SRX  
PUV-1550STX

## PUV-1600 Series



Reverse Power  
Ideal for corporate installations  
Education sector

### Products in the range

PUV-1602TXWP  
PUV-1605S-TXWP  
PUV-1610RX  
PUV-1610TX  
PUV-1620S-TX  
PUV-1630TTX  
PUV-1630TXWP  
PUV-1650RX  
PUV-1650TX

## PUV-1700 Series



AVLC  
Lite

### Products in the range

PUV-1710LRX-AVLC  
PUV-1710LTX-AVLC  
PUV-1730PLRX-AVLC  
PUV-1730PLTX-AVLC

## PUV-1800 Series



AVLC  
Full

### Products in the range

PUV-1810RX-AVLC  
PUV-1810RX-AVLC  
PUV-1820TX-AVLC  
PUV-1830RX-AVLC  
PUV-1830TX-AVLC

## PUV-2000 Series



HDBaseT 2.0  
Full

### Products in the range

PUV-2000RX  
PUV-2000TX  
PUV-2010RX  
PUV-2010RXWP  
PUV-2010TX  
PUV-2010TXWP

## PUV-2100 Series



HDBaseT 2.0  
Full  
Inc USB  
AVLC

### Products in the range

PUV-2100TX-AVLC  
PUV-2100RX-AVLC

## IP Series



### Products in the range

IP-7000TX  
IP-7000RX  
IP-CS7

## SDVoE Series



### Products in the range

SDV-FTRX  
SDV-CTRX  
SDV-CS8

# Find the right cable for the job



## Premium HDMI

- Full 4K/ UHD resolution support (2160p @ 60Hz 4:4:4)
- HDR (High Dynamic Range) support
- High quality insulated metal connectors with precision termination
- High Bandwidth (full 18 Gbps)
- High Frame Rate (600MHz)
- BT.2020 Colorimetry (10/12 bit / 4:4:4)
- ARC (Audio Return Channel) support
- CEC (Consumer Electronic Control) support
- 32 Channel Audio (Dolby Atmos and DTS:X) support
- Full High Definition 3D support
- HDCP2.2 compliant
- HDMI Ethernet channel

## Available lengths in metres

- 0.5M
- 1M
- 2M
- 3M
- 5M
- 6M

## AOC HDMI ACTIVE OPTICAL CABLE

Active Optical Cable (AOC) is a cabling technology that accepts the same electrical inputs as a traditional copper cable, but uses optical fiber "between the connectors". AOC uses electrical-to-optical conversion on the cable ends to improve speed and distance performance of the cable without sacrificing compatibility with standard electrical interfaces.

- Passes 18Gbps signals up to 20M with no additional power required
- Ultra slim HDMI plug

## Available lengths in metres

- 20M

## Ultra-Slim HDMI

- HDMI v2.0 compatible and 4K Certified
- Full 1080p, 4K and 'Deep Colour' support
- Ethernet (HEC) and Audio Return (ARC) Channels
- 3D Compatible
- 99.999% Oxygen Free Copper

## Available lengths in metres

- 0.5M
- 1M
- 1.8M
- 3M

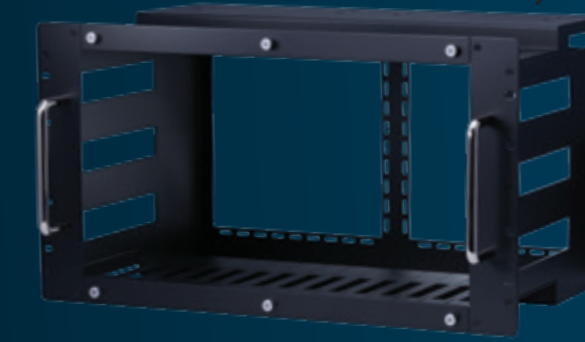
# Rack 'em up!

Whether a conventional point to point system or a fully-Fledged multi-zone environment, organisation of the numerous components is essential when creating the perfect installation. The equipment rack can typically become a very complex place, especially when employing multiple point-to-point extenders, repeaters and breakout boxes etc.

Our new racking solutions offer installers the ideal environment to house multiple components neatly and securely, offering easy access for servicing. Two models are available, both conforming to standard rack depth and width sizes, with both able to house up to 15 components.

## RAX-600 RAX-300

- Standard 6U (19") Rack Mount Size
- Standard 3U (19") Rack Mount Size
- 15 Individual Component Slots
- RAX Rack Accessories Available
- Simple Installation/Configuration
- Front Panel Lock Off Screws
- Cable Access and Tethering Points



RAX-600

PSU: 2 x Multi-PSU housing slots  
Dimensions: 300mm [W] x 483mm [D] x 130mm [H]  
Net Weight: 4000g  
Gross Weight: 5400g



RAX-300

PSU: 2 x Multi-PSU housing slots  
Dimensions: 300mm [W] x 483mm [D] x 130mm [H]  
Net Weight: 4000g  
Gross Weight: 5400g

RAX-300 compatible product	PSU	RAX-600 compatible product	PSU	New products (RAX-300)	PSU	New products (RAX-600)	PSU
AU-IP21	5V	AU-1ISA-4K22	5V	AU-A220	24V	PUV-1650RX	48V
AU-1ICD-4K22	5V	EL-4IS-4K22	5V	PUV-1610TX	N/A	PUV-1650TX	N/A
AU-1ICA-4K22	5V	EL-6010-4K22	5V	PUV-1610RX	48V	IP-CS7	5V
CR-CS2	5V	IP-7000TX	N/A	PUV-1710LTX-AVLC	48V	EL-21PIP	5V
PUV-1510TX	48V	IP-7000RX	N/A	PUV-1710LRX-AVLC	N/A	SDV-CS8	5V
PUV-1510RX	N/A	PUV-1550S-TX	24V	PUV-1810TX-AVLC	48V	SDV-CTR8	12V
PUV-1210PL-TX	48V	PUV-1550S-RX	N/A	PUV-1810RX-AVLC	N/A	SDV-FTR8	12V
PUV-1210PL-RX	N/A	QU-4-4K22	5V				
QU-2-4K22	5V	SY-4KS-4K22	5V				
RE-EDID-4K22	5V						



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# 16 x 16 Modular Matrix with Audio Matricing MODX-1616

Our most flexible modular matrix yet, the all new MOD X features up to 16 inputs x 16 outputs in multiples of four, allowing integrators to set up bespoke distribution systems across a wide range of connectivity options. Available now, the MOD X will ship with the choice of HDBaseT™, HDBaseT™, HDMI and VGA input/output boards, Audio De-embedding, redundant power supplies and RS-232, Telnet, IP & IR control.

- /// HDMI 2.0a and DVI 1.0 compliant
- /// HDCP 2.2 Compliant
- /// 4 x I/O based modular card system up to a maximum of 16 inputs and 16 outputs
- /// Independent audio I/O matricing
- /// Supports UHD resolutions up to 3840x2160@60Hz (4:4:4, 8-bit) & 4096x2160@60Hz (4:4:4, 8-bit) plus HDR and Dolby Vision Output video downscaling function, 4K to 1080p
- /// Advanced EDID management
- /// Supports pass-through of LPCM 7.1, and all HBR audio codecs, such as Dolby Atmos®, Dolby® TrueHD, Dolby Digital® Plus, DTS:X, DTS-HD Master Audio, and DTS-HD High Resolution Audio
- /// IP control via Telnet, UDP, and the built-in web server interface
- /// Field firmware updatable



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## IP-CS7 WebGui Interface

When using the IP-CS7 WebGui, it is possible to define and control all of the TX/RX's on the network. It also allows the user to create pre-determined switching groups or pre-sets for added control. The on board set up 'Wizard' adds simplicity to the installation process, guiding the installer through the setup and control features of the unit.

Dual LAN connectivity on the device allows the system to run on a bespoke IP network whilst the additional LAN allows for connection to a secondary network for control and configuration. This is particular useful when access maybe prohibited via the LAN network, the IP-CS7 provides a direct link to the IP video network.

Using the WebGui the user has access to a 'Monitor & Control' area for simple drag and drop control and switching of sources. In this mode the user can see a preview of the content being delivered from the source. The system setup area of the WebGui has protected access rights so to prevent any changes being made to the system by other users. An alternative control method of the device can be achieved by using the Trigger Input interface. This interface allows the user to activate pre-defined functions or pre-sets at the touch of a button. Standard control of the device can be achieved using RS-232, Telnet and the WebGui.



## PUV-1082-PRO

Our flagship HDBaseT™ matrix has now got even better with the introduction of our proprietary AVLC technology. Featuring 4K support, HDMI 2.0 and HDCP 2.2 compliance with Audio Matricing, the PUV-1082-Pro takes 10 HDMI inputs and transmits out to any one of the eight HDBaseT™ outputs in full 4K@60Hz (4:4:4, 8-bit) HDR10 and Dolby Vision. Two local HDMI outputs and full IR/RS-232/IP control completes what can only be described as a genuine flagship one-box AV distribution solution.

- /// 4K@60Hz (4:4:4, 8-bit), HDR10 and Dolby Vision
- /// 10 x HDMI inputs/8 x HDBaseT™ + 2 x HDMI
- /// 2 x HDMI Outputs
- /// Audio Matricing - Available from all I/O's
- /// Individual Output Scaling RS-232 Pass through

Also available  
PUV-1082-4K22

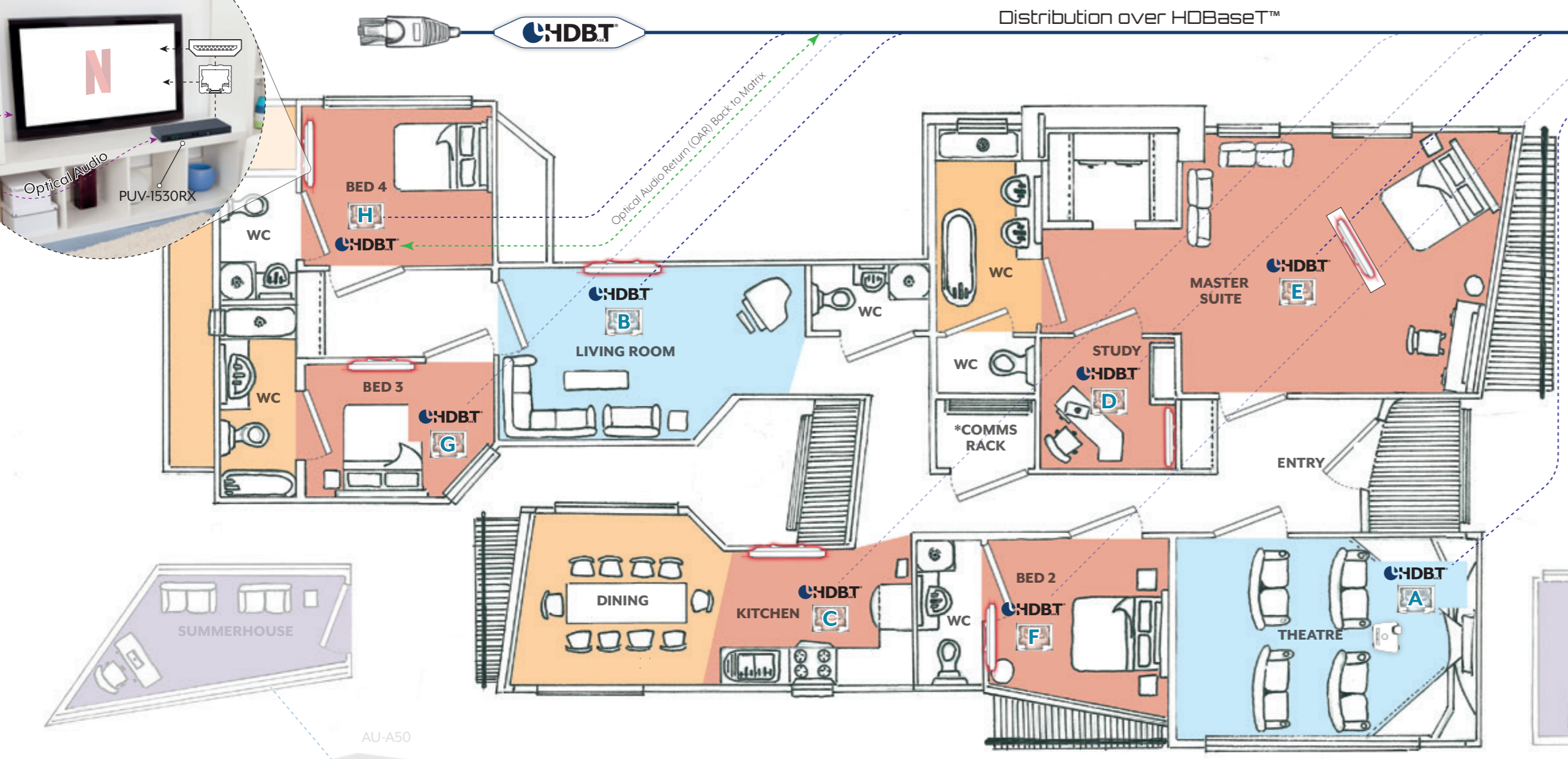
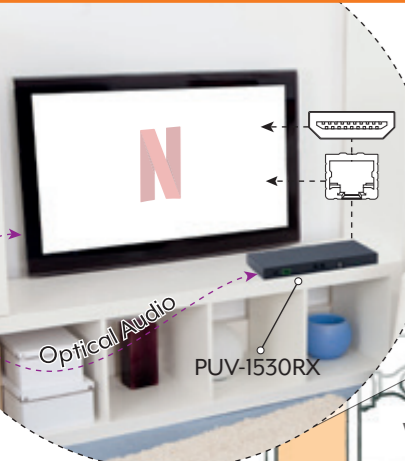


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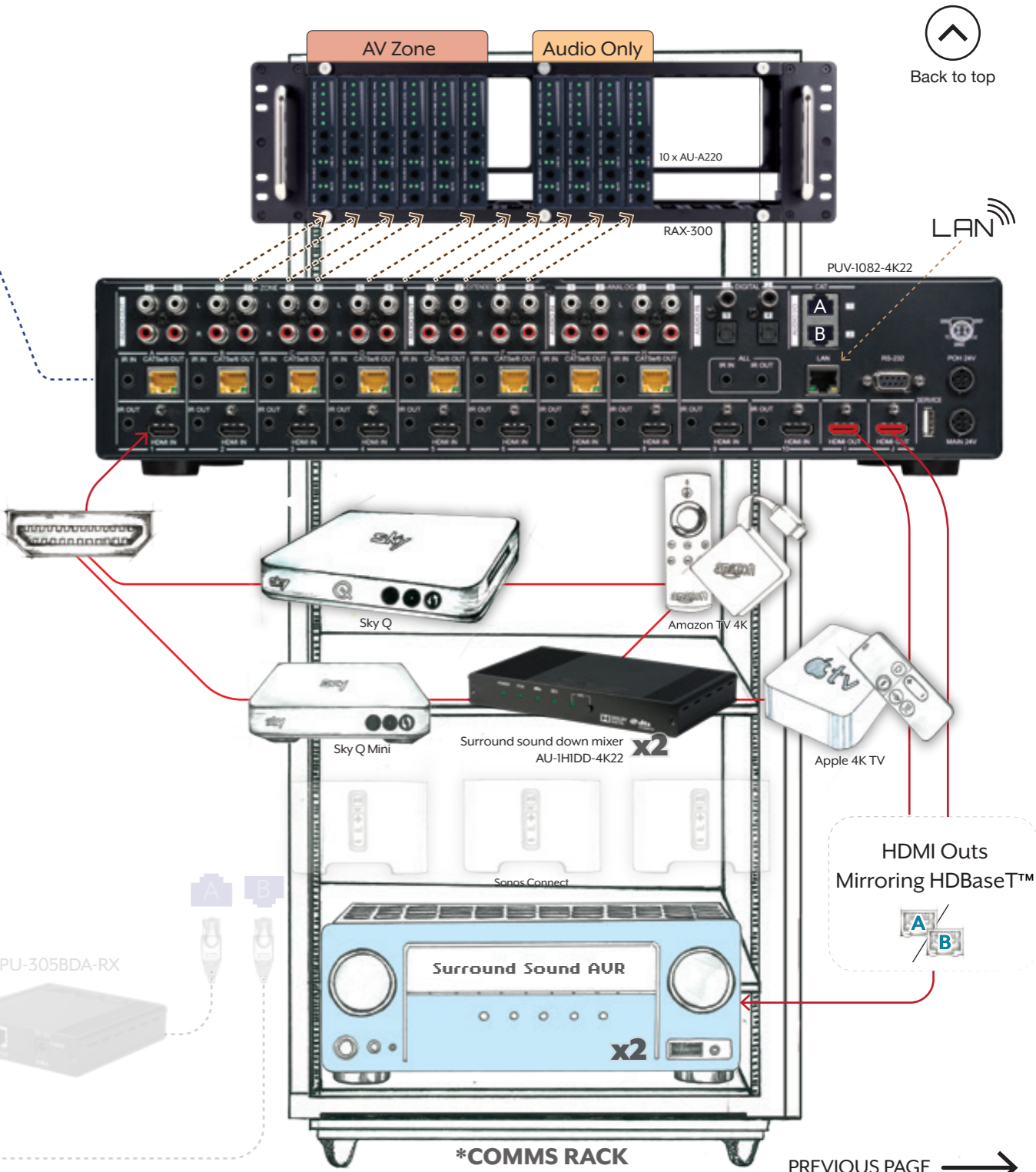
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# Residential PUV-1082 Video Layout

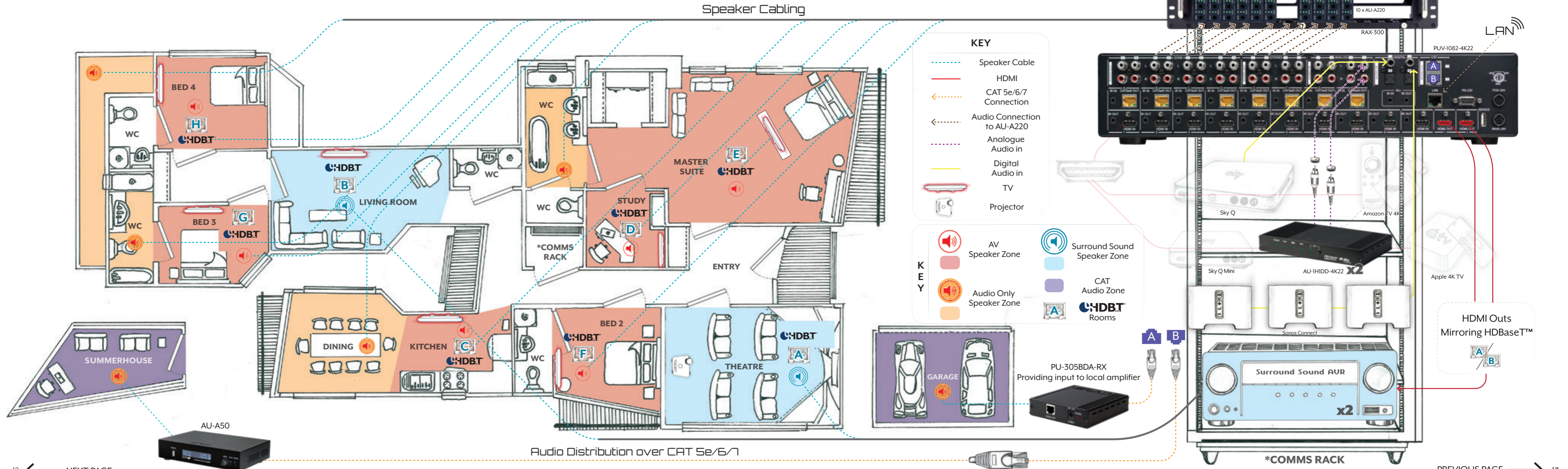


**KEY**

- HDMI
- HDBaseT™ Connection
- Audio Connection
- TV
- Projector
- HDBT Rooms



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Speaker Cabling

**KEY**

- - - Speaker Cable
- HDMI
- - - CAT 5e/6/7 Connection
- - - Audio Connection to AU-A220
- - - Analogue Audio in
- Digital Audio in
- TV
- Projector

- KEY**
- AV Speaker Zone
  - Audio Only Speaker Zone
  - Surround Sound Speaker Zone
  - CAT Audio Zone
  - A HDBT Rooms

HDMI Outs Mirroring HDBaseT™

# Residential \*3-Zone HDR System

Multi-room AV 4 every home, available 2 order now for 2019

## MA-421

### Benefits

- /// Compact Matrix with 4 x HDMI in, 2 x HDBaseT™ out + 1 mirrored HDMI out
- /// Built in 2 x 20W amplifier plus mirrored line out
- /// Android and iOS app to control multiple sources & display as well as the matrix
- /// Independent output up/down scaling
- /// 4K HDR 10/12 bit (Dolby Vision) with AVLC (Adaptive Visually Lossless Compression)
- /// 4K 50/60Hz (RGB/YUV 4:4:4 & YUV 4:2:2 & 4:2:0)
- /// HDMI 2.0A & HDCP 2.2
- /// Ships with 1 x PUV-1710LRX-AVLC included

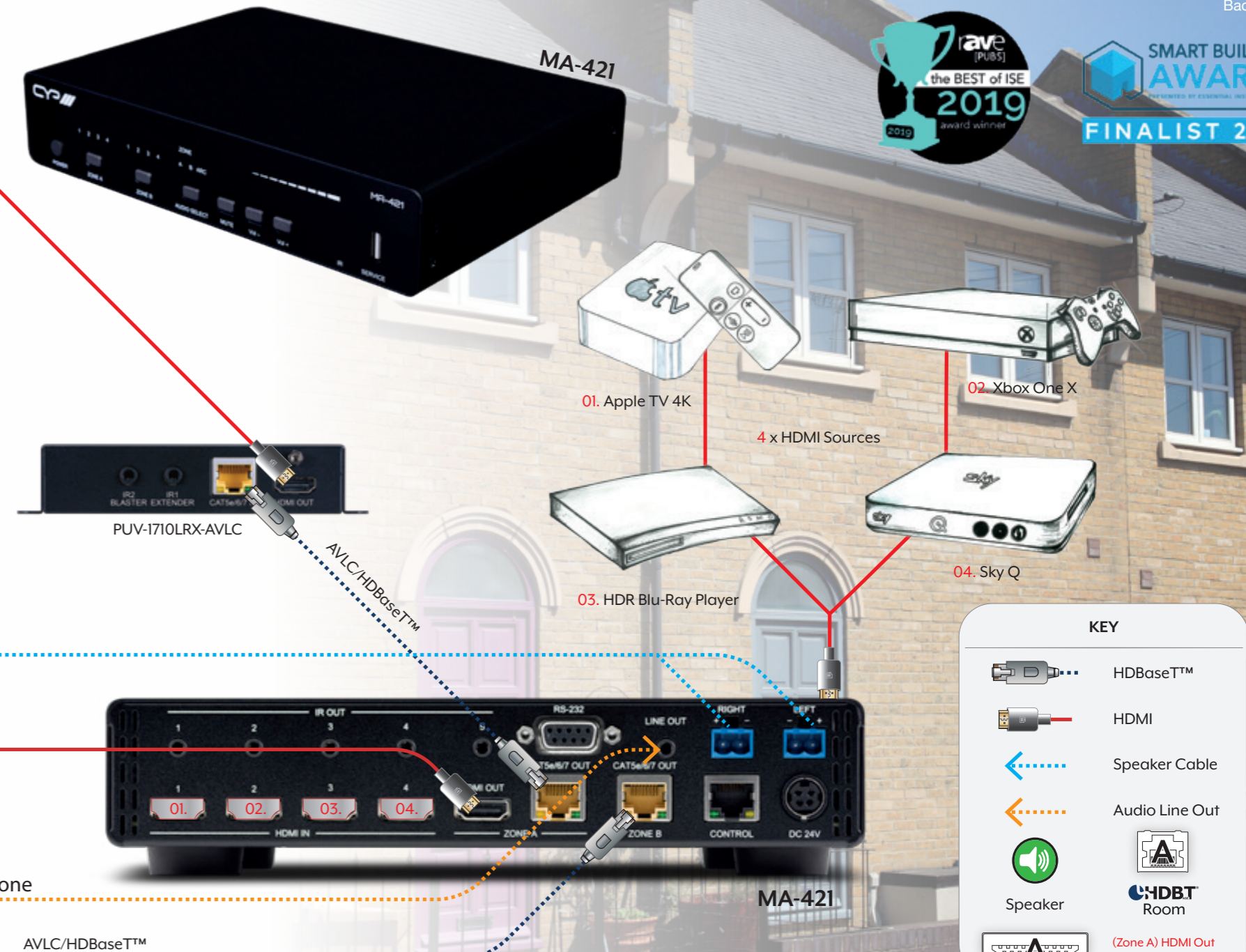
Available on the



\*UI subject to change



AU-A220 for additional audio zone

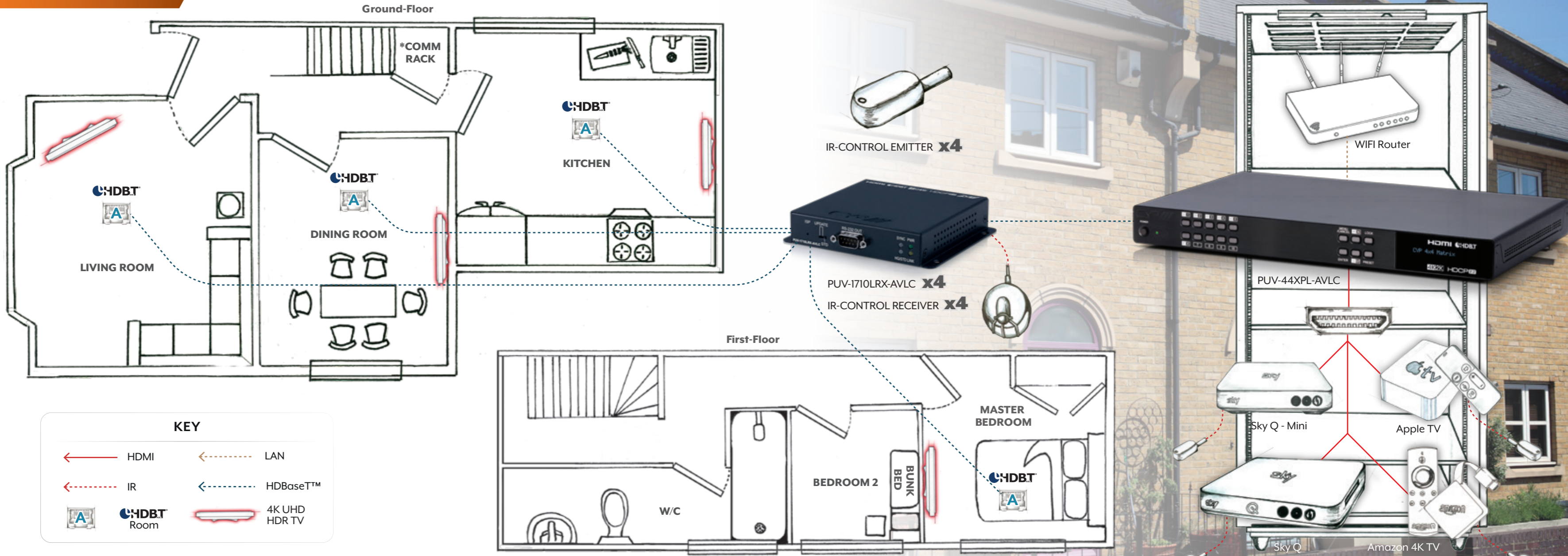


KEY	
	HDBaseT™
	HDMI
	Speaker Cable
	Audio Line Out
	Speaker
	HDBT Room
	(Zone A) HDMI Out to mirror CAT5e/6/7 Out

# 4-Zone PUV-44XPL-AVLC Matrix System

## Benefits

- /// 2.0A HDMI and HDCP2.2 compliant
- /// 4K/2K & 4K HDR signals can be transmitted up to 35m via CAT5e/6 and 60m via CAT6a/7
- /// Supports breakout of L/R analogue audio for each HDBaseT Zones (Outputs A to D).
- /// Supported HDBaseT resolutions: VGA-WUXGA, 480i-1080p, 4K UHD@24/25/30Hz (RGB 4:4:4 & YUV 4:2:2), 4K UHD@ 60Hz (YUV 4:2:0), 4K/2K@24/25/30Hz (RGB 4:4:4 & YUV 4:2:2) and 4K/2K@60Hz (YUV 4:2:0) dependent upon the output display's EDID settings
- /// 4K/2K & 4K UHD signals can be transmitted up to 35m via CAT5e/6 and 60m via CAT6a/7
- /// Supplied with 4x PUV-1710LRX-AVLC receivers
- /// Compact 1U rack mount design
- /// EDID Management
- /// Includes 4 x receivers



**KEY**

	HDMI		LAN
	IR		HDBaseT™
	HDBaseT Room		4K UHD HDR TV

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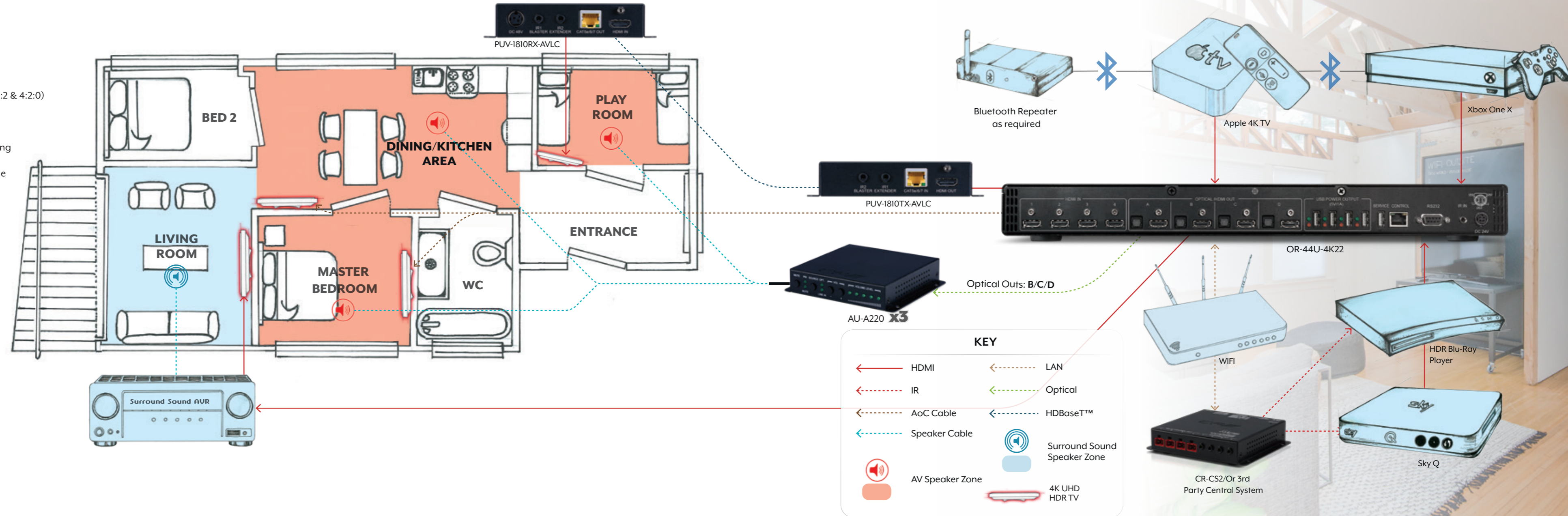
# Residential 4-Zone HDR System

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## Benefits

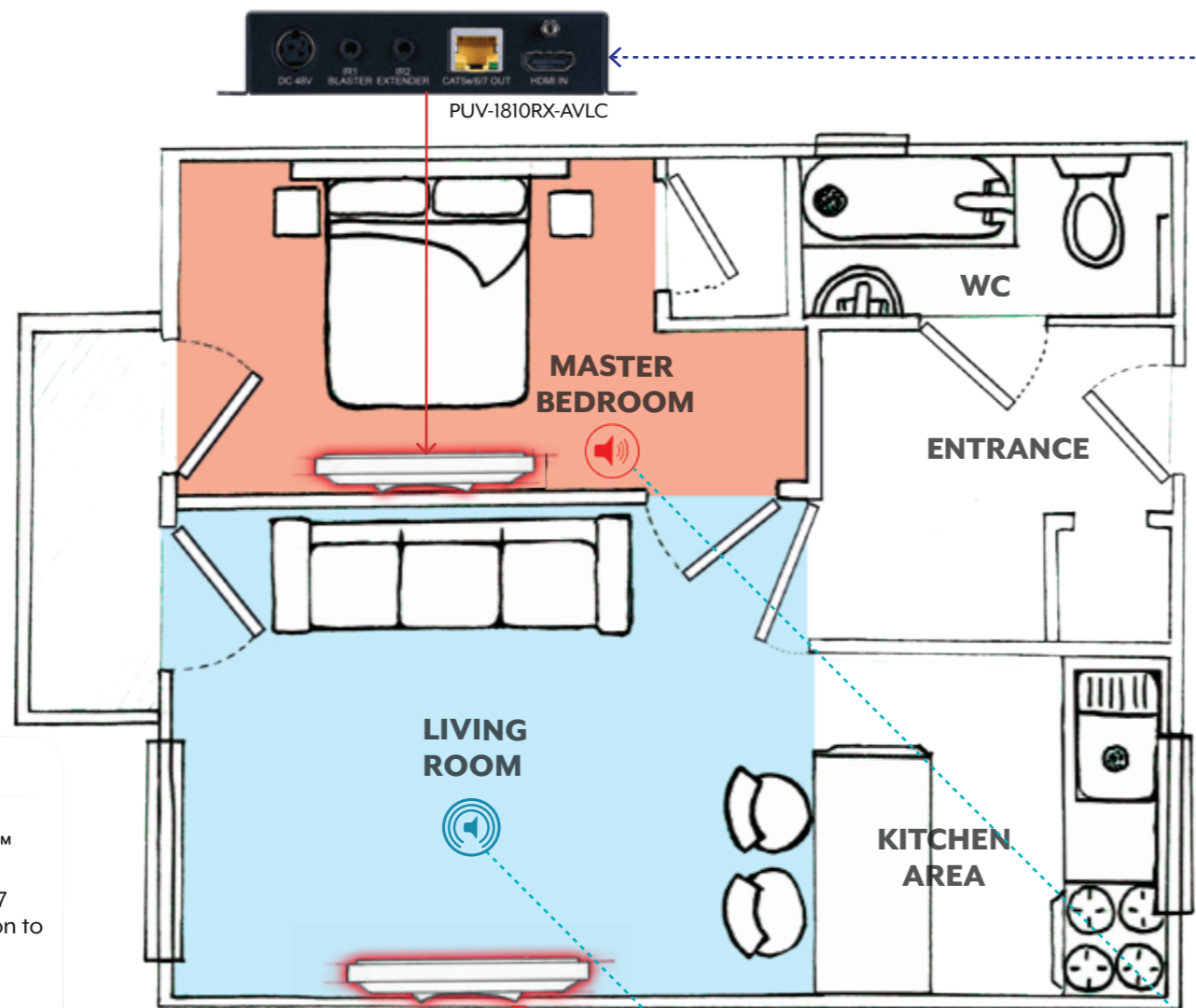
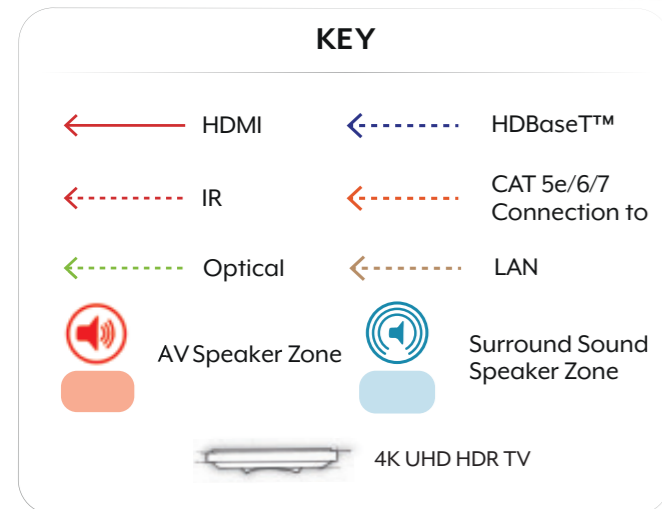
- /// 4KHDR 10/12 bit
- /// 4K 50/60Hz (RGB/YUV 4:4:4 YUV 4:2:2 & 4:2:0)
- /// HDMI 2.0a & HDCP 2.2
- /// 4 x USB power for AoC cable powering
- /// Optical audio breakout for each zone IR, RS-232, telnet & WebGui control



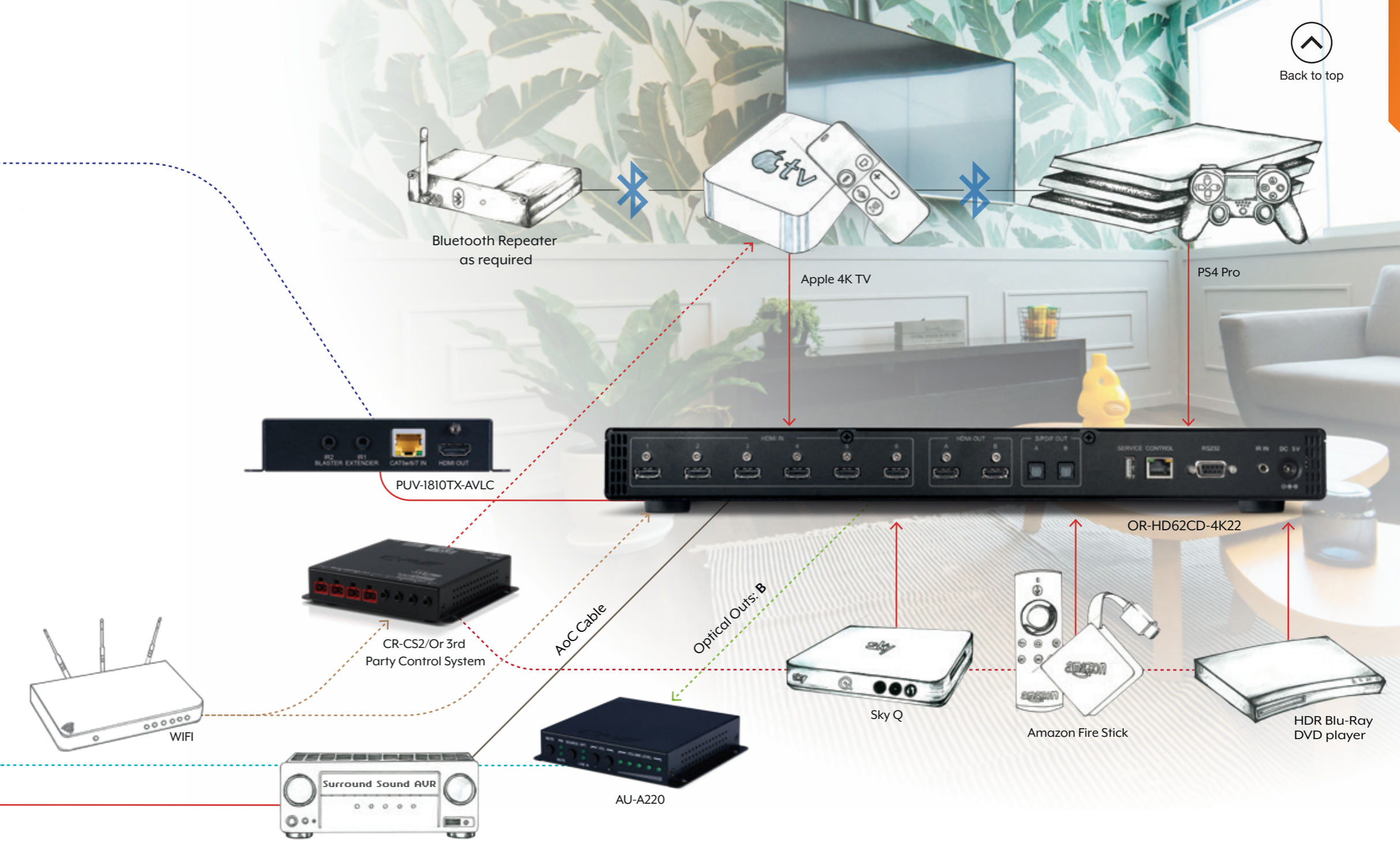
# Residential 2-Zone HDR System

## Benefits

- /// 4KHDR 10/12 bit
- /// 4K 50/60Hz (RGB/YUV 4:4:4 YUV 4:2:2 & 4:2:0)
- /// HDMI 2.0a & HDCP 2.2
- /// Optical audio breakout for each zone  
IR, RS-232, telnet & WebGui control



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<b>03</b>	INTRODUCTION	<b>04</b>	RESIDENTIAL 2 ZONE HDR SYSTEM
	A brief introduction into what this guide is all about!	<b>05</b>	2 zone room solution showing the <b>OR-HD62CD-4K22</b>
<b>06</b>	RESIDENTIAL 4 ZONE HDR SYSTEM	<b>08</b>	4-ZONE 44XPL-AVLC MATRIX SOLUTION
<b>07</b>	4 Zone room solution showing the <b>OR-44U-4K22</b>	<b>09</b>	Downstairs and upstairs room solution showing the <b>PUV-44XPL-AVLC</b>
<b>10</b>	RESIDENTIAL *3-ZONE HDR SYSTEM	<b>12</b>	RESIDENTIAL PUV-1082 AUDIO LAYOUT
<b>11</b>	3 Zone room solution showing the new MA-421	<b>13</b>	Large house solution for the <b>PUV-1082</b> audio layout
<b>14</b>	RESIDENTIAL PUV-1082 VIDEO LAYOUT		
<b>15</b>	Large house solution for the <b>PUV-1082</b> video layout		

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## Introduction

From a simple two-zone audio distribution system through to a complete whole-house video and audio distribution system with control, CYP manufactures a wide-range of connectivity and signal distribution solutions that will allow you to do whatever you want with your AV.

Heading up the range is the PUV-1082PRO, which features ten HDMI inputs that are independently switchable to any of the eight HDBaseT outputs and two HDMI local outputs. Incorporating an independent audio matrix, IR control of any source via the display location and the ability to transmit HD video up to 18GBPs over Cat5e/6/7 cables, this is our flagship matrix product, which offers a wealth of control and feature options.

Whether it is running a Sky box video and audio signal into another room through to breaking out the audio from any source, sending it to up to ten different rooms whilst watching an alternative programme on-screen, CYP's range of matrix and switching options offer homeowners total flexibility.

# "Home is where our story begins"

Annie Danielson

# 03