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 realize that no matter what your client requires, with CYP, you are able to deliver.

---

**Introduction**

“It’s not about ideas, it’s about making ideas happen”

Scott Belsky

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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.
Meeting Room Solution 1

PUV-1600 series key features

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

System Control Features

- All PUV-1600 series products are reverse powered from RX

*Can be mounted under table.

Presenter Chairs

Chair Person

Inputs

Display Port VGA

Printable Label

CR TG1

Key

HDMI LAN Audio

Audio L&R

Back to top

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
Meeting Room Solution 2

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-16XX 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.
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-1610RX
Powered RX with HDMI output

PUV-1620S-TX
HDMI Transmitter

* 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
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 reverse 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.
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

PUV-1610RX

*Any PUV-1600 Receiver

PUV-1600-XXX

®

In collaboration with cmd

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

Huddle Room System Solution

Example 1

Example 2

Example 3
### Endeavour Room Solution 1

#### 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

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

#### Receiver
- **PUV-1650RX** Powered RX with HDMI output & Local HDMI input
- **PUV-1620S-TX** 4K UHD+ HDMI/VGA to HDBaseT™ Scaler
- **PUV-1650RX** Powered RX with HDMI output & Local HDMI input

#### Key
- **HDBaseT™**
- **HDMI**
- **LAN**
- **RS-232**
- **IP Control**
- **VGA**
- **Network Audio**
- **POWE /R alt**

* All PUV-1600 series products are reverse powered from RX

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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.
**Endeavour Room Solution 2**

**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

---

**PUV-1650TX**
- DP, HDMI & VGA TX

**PUV-1610RX**
- 5-Play HDBaseT™ Receiver

---

Key

- **HDMI**
- **LAN**
- **VGA**
- **Network**
- **Audio**
- **IP Control**

* 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.
Endeavour Room Solution 3

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-TG1
Trigger Module

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

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

PUV-1650RX
Multi-Format HDBaseT Transmitter
with HDMI, DisplayPort & VGA Inputs

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

Wireless Streaming Device

Key

- HDMI
- LAN
- Relay
- Network
- Audio
- Trigger
- Display Port
- VGA

- CAT 5e/6/7
- HDMI
- DisplayPort
- VGA
- RS-232
- IP Control
- 1080p
- 120Hz
- 4K

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

* All PUV-1600 series products are reverse powered from RX
Digital Signage Solution

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

Transmitter

Receivers x4

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
Hospitality IP System Solution

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

1 x 48 Port 1G Network Switch

As Required For Whole System

1 x IP-CS7

1 x IP-7000RX

1 x IP-7000TX

25 26 27 28 33 34 35 36 41 42 43 44

29 30 31 32 37 38 39 40 45 46 47 48

2 4 5 8 12 15 18 24 28 20 21 24

1 4 5 6 7 9 10 11 14 16 17 19

1 x 48 Port 1G Network Switch

Freeview Box

Signage Player

KP1

KP2

KP2

KP2

KP1

KP2

*Any number of Sources can be added

2 x Display Monitors

1 x IP-7000RX

1 x IP-7000TX

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
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.
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.

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.
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 IP-CS7
1 x IP-7000TX Per Source
1 x IP-7000RX Per Display
1 x 24 Port 1G Network Switch

Key

DINING AREA
OFFICE
KITCHEN
BAR

PREVIOUS PAGE 29
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
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 TVs to display throughout the lecture hall.

The IP-CS7 has a direct trigger input (CR-TG1) 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.

<table>
<thead>
<tr>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remote Content</td>
</tr>
<tr>
<td>IP-7000TX</td>
</tr>
<tr>
<td>IP-CS7</td>
</tr>
</tbody>
</table>

Table 1

<table>
<thead>
<tr>
<th>1-6 Student Zones</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
</tbody>
</table>

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.

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 TVs to display throughout the lecture hall.

The IP-CS7 has a direct trigger input (CR-TG1) 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.

1:6 Individual learning stations
(Any number of student learning stations can be added.)

Laptop

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.

CS7 WebGUI:
Drag & drop control system

*See page XX for details
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@24/25/30Hz (RGB 4:4:4 & YUV 4:2:0) and 4K UHD@24/25/30Hz (RGB 4:4:4 & 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

Key

Interactive Touch Screen
- HDMI™
- HDbaseT™
- CAT6a/7

Speaker Wire

Speakers

Located under desk
Lecture Room System Layout

Benefits
- Supports HDMI 1.4 (including HDCP) over a single CAT5e/6 up to 60m
- Complies with HDBaseT™ Lite specifications
- Supports multiple inputs: 2×HDMI, 2×VGA and HDBaseT, 3×Unbalanced Audio, HDMC 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 HDCP 2.2
- Supports control via WebGUI, IR remote and IR-222
- 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

Key
- Projector
- Screen
- Shotgun Mic
- Ceiling Speakers
- HDMI
- Speaker Wire
- Mic Gain IR jack
- Phantom Power
- TV

PU-515PL-RX
EL-5400-HBT
Located under lectern
Also Available
EL-7500V
EL-7400V
EL-8500VA

Supports HDMI 1.4 (including HDCP) over a single CAT5e/6 up to 60m
Complies with HDBaseT™ Lite specifications
Supports multiple inputs: 2×HDMI, 2×VGA and HDBaseT, 3×Unbalanced Audio, HDMC 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 HDCP 2.2
Supports control via WebGUI, IR remote and IR-222
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

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.
Digital Signage Solution - DS-VWC

Benefits

- HDMI 1.3 & HDCP 1.4 compliant
- HDMI input and HDMI output
- Input and output supports HD resolutions up to 1080p@60Hz
- Create multi display video presentation with displays at any single end of any aspect ratio and image rotation
- Perfect for creating distinct and eye catching marketing and promotional displays systems
- Low video latency
- Supports passthrough of audio formats including LPCM, 5.1, Bitstream, and 2.0 Bitstream
- Wide variety of video adjustments, including: contrast, brightness, hue, sharpen, 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 files 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.

Selection of configuration pre-sets

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

Click here to download manual for the DS-VWC.

Add to cart screen that fits 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.

Click here to download manual for the DS-VWC.

Installation of configuration pre-sets

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

Click here to download manual for the DS-VWC.

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

Click here to download manual for the DS-VWC.

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

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 Remotes 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-Range Code Specification

### PUV-1200 Series
- Product in the range
  - PUV-1210PL-RX
  - PUV-1210PL-TX
  - PUV-1230PL-RX
  - PUV-1230PL-TX

### PUV-1500 Series
- Product in the range
  - PUV-1510RX
  - PUV-1510TX
  - PUV-1510RXWP
  - PUV-1530TX
  - PUV-1530RX
  - PUV-1540S-RX
  - PUV-1550SRX
  - PUV-1550STX

### PUV-1600 Series
- Product 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
- Product in the range
  - PUV-1710LRX-AVLC
  - PUV-1710L TX-AVLC
  - PUV-1730PLRX-AVLC
  - PUV-1730PL TX-AVLC

### PUV-1800 Series
- Product in the range
  - PUV-1810RX-AVLC
  - PUV-1810RX-AVLC
  - PUV-1820TX-AVLC
  - PUV-1830RX-AVLC
  - PUV-1830TX-AVLC

### PUV-2000 Series
- Product in the range
  - PUV-2000RX
  - PUV-2000TX
  - PUV-2010RX
  - PUV-2010RXWP
  - PUV-2010TX
  - PUV-2010TXWP

### PUV-2100 Series
- Product in the range
  - PUV-2100TX-AVLC
  - PUV-2100RX-AVLC

### IP Series
- Product in the range
  - IP-7000TX
  - IP-7000RX
  - IP-CS7

### SDVoE Series
- Product in the range
  - SDV-FTRX
  - SDV-CTRX
  - SDV-CS8

**Lite**

- 1230 Lite

**Full**

- 1530 Full

**Reverse Power**

- Ideal for corporate installations

**HDBaseT 2.0**

- Full

**Inc USB**

- AVLC

**AVLC**

- Lite

**Back to top**

If you can’t find the solution you are looking for, call our experienced technical support team on +44 (0) 20 3137 6690 for assistance.
Premium HDMI
- Full 4K UHD resolution support (2160p @ 4:4:4)
- HDMI High Dynamic Range support
- Superior dynamic range connections with precision termination
- High Definition Full Glass
- High Frame Rate (60Hz)
- ARC (Audio Return Channel) support
- 61 Channel Audio (Dolby Atmos and DTS:X) support
- High Definition 3D support
- HDCP2.2 compliant
- HDMI Ethernet channel

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

RAX-600 compatible product
PSU: 2 x Multi-PSU housing slots
Dimensions: 300mm [W] x 483mm [D] x 130mm [H]
Net Weight: 4000g
Gross Weight: 5400g

RAX Rack Accessories Available
- Simple Installation/Configuration
- Front Panel Lock Off Screws
- Cable Access and Tethering Points

Active Optical Cable (AOC) technology is scalable technology that transmits the same electrical signals as a traditional copper cable, but uses optical fibre “between the connectors”. AOC uses electrical-to-optical conversion on the cable ends to improve speed and distance performance of the signal. These removable cable ends connect directly with standard electrical interfaces.

- Omni-Drop technology is capable up to 30m with no additional power required
- Ultra Slim HDMI plug

Available lengths in metres

<table>
<thead>
<tr>
<th>Available lengths in metres</th>
<th>0.5M</th>
<th>1M</th>
<th>1.8M</th>
<th>2M</th>
<th>3M</th>
<th>5M</th>
<th>6M</th>
</tr>
</thead>
</table>

Find the right cable for the job

Whether a conventional point-to-point approach or a fully-fledged multi-zone environment, organisation of the numerous components is essential when creating the perfect installation. The equipment rack can quickly become an unwieldy complex, especially when employing multiple point-to-point components, expansion and distribution boxes etc.

Our new rack solutions offer installers the ideal environment to house multiple components neatly and securely allowing you to select from a range of terminations available, both conforming to standard rack depth and width sizes, with both capable to house up to 15 components.

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
- Standard EU (19”) Rack Mount Size
- Standard US (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

RACK-300 compatible product
PSU
- AU-IP2 5V
- AU-ECO-4K22 5V
- AU-EOH-4K22 5V
- AU-EDDA-4K22 5V
- AU-HUMA-4K22 5V
- CR-692 S 5V
- CR-2C2 5V
- PUV-1650TX 48V
- PUV-1610TX 48V
- PUV-1610RX 48V
- PUV-1710L TX-AVLC 48V
- CR-CS2 5V
- AU-A220 24V
- IP-CS7 5V
- EL-21HIP 5V
- SDV-CS8 5V
- SDV-CTRX 12V
- QU-4-4K22 5V
- AU-11CA-4K22 5V
- AU-11SA-4K22 5V
- AU-11CD-4K22 5V
- AU-11CD-4K22 5V
- RE-EDID-4K22 5V
- IP-7000TX N/A
- IP-7000RX N/A
- AU-1210PL-TX 48V
- AU-1210PL-RX N/A
- SDV-FTRX 12V
- QU-4-4K22 5V
- AU-11SA-4K22 5V
- AU-11CD-4K22 5V
- AU-11CA-4K22 5V
- AU-1210PL-TX 48V
- AU-1210PL-RX N/A
- SDV-FTRX 12V
- AU-IP2 5V
- AU-ECO-4K22 5V
- AU-EOH-4K22 5V
- AU-EDDA-4K22 5V
- AU-HUMA-4K22 5V
- CR-692 S 5V
- CR-2C2 5V
- PUV-1650TX 48V
- PUV-1610TX 48V
- PUV-1610RX 48V
- PUV-1710L TX-AVLC 48V
- CR-CS2 5V
- AU-A220 24V
- IP-CS7 5V
- EL-21HIP 5V
- SDV-CS8 5V
- SDV-CTRX 12V
- QU-4-4K22 5V
- AU-11CA-4K22 5V
- AU-11SA-4K22 5V
- AU-11CD-4K22 5V
- AU-11CD-4K22 5V
- RE-EDID-4K22 5V

RACK-600 compatible product
PSU
- AU-IP2 5V
- AU-ECO-4K22 5V
- AU-EOH-4K22 5V
- AU-EDDA-4K22 5V
- AU-HUMA-4K22 5V
- CR-692 S 5V
- CR-2C2 5V
- PUV-1650TX 48V
- PUV-1610TX 48V
- PUV-1610RX 48V
- PUV-1710L TX-AVLC 48V
- CR-CS2 5V
- AU-A220 24V
- IP-CS7 5V
- EL-21HIP 5V
- SDV-CS8 5V
- SDV-CTRX 12V
- QU-4-4K22 5V
- AU-11CA-4K22 5V
- AU-11SA-4K22 5V
- AU-11CD-4K22 5V
- AU-11CD-4K22 5V
- RE-EDID-4K22 5V

New products
- AU-IP2 5V
- AU-ECO-4K22 5V
- AU-EOH-4K22 5V
- AU-EDDA-4K22 5V
- AU-HUMA-4K22 5V
- CR-692 S 5V
- CR-2C2 5V
- PUV-1650TX 48V
- PUV-1610TX 48V
- PUV-1610RX 48V
- PUV-1710L TX-AVLC 48V
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- IP-CS7 5V
- EL-21HIP 5V
- SDV-CS8 5V
- SDV-CTRX 12V
- QU-4-4K22 5V
- AU-11CA-4K22 5V
- AU-11SA-4K22 5V
- AU-11CD-4K22 5V
- AU-11CD-4K22 5V
- RE-EDID-4K22 5V

Available lengths in metres

<table>
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<th>0.5M</th>
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<th>1.8M</th>
<th>2M</th>
<th>3M</th>
<th>5M</th>
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Active Optical Cable

Ultra-Slim HDMI
- HDMI x2.0 compatible and 4K Certified
- Full 4Kp, 4K and Deep Colour support
- Ethernet (HEC) and Audio Return (ARC)
- 3D Compatible
- 99.99% Oxygen-Free Copper

RAX-620
- Premium HDMI
- ACTIVE OPTICAL CABLE
- Perfect for 4K and UHD applications
- Supports full 4K/ UHD resolution (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

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Which is your perfect solution for the install?
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™, HDMI and VGA input/output boards, Audio De-embedding, redundant power supplies and its 332, Telnet, IP & IR control.

- HDMI 2.0 and 40712 compliant
- HDCP 2.2 Compliant
- 4 x UHD based modular card system up to a maximum of 16 inputs and 16 outputs
- Independent video / audio monitoring
- Supports UHD resolutions up to 7680×4320@60Hz (4:4:4, 8-bit)
- 4K/60 3D, 4096×2160@90Hz (4:4:4, 8-bit), 4K 60Hz 4:4:4 HDMI and Dolby Vision
- Output video downscaling function, 4K to 1080p
- Advanced EDID management
- Supports passthrough of LPCM 7.1, and all HBR audio codecs, such as Dolby Atmos® “Atmos” Tracks, 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
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 may be 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.

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 RS-232 control completes what can only be described as a genuine flagship one-box AV distribution solution.
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
- Android & 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**

*Subject to change*
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/2K@24/25/30Hz (RGB 4:4:4 & YUV 4:2:2), 5K UHD@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

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.
Residential 4-Zone HDR System

Benefits
- HDR10/10-bit
- 4K50/60Hz (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 & HDMI 2.33, telnet & WebGui control

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.
Residential 2-Zone HDR System

Benefits
- 4K HDR 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

4K UHD HDR TV
Sky Q HDR Blu-Ray DVD player
Apple 4K TV
Amazon Fire Stick
Surround Sound AVR
HDBaseT™
LAN
CAT 5e/6/7
IR
RS-232
telnet
WebGui
HDMI
HDMI 2.0a & HDCP 2.2
Optical audio breakout for each zone
IR, RS-232, telnet & WebGui control

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"Home is where our story begins"

Annie Danielson

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.

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