AV SOLUTIONS
PRODUCT
OVERVIEW

2026

PULSE**EIGHT**

We are Pulse-Eight

Since 2010, our goal has been simple: to enhance our customer's experience by creating well designed, well manufactured and reliable products that use the latest innovative technology.

Our team of passionate engineering and manufacturing staff are experts in the technology we choose to work with. Specialists in HDMI®, HDBaseT and AV over IP, they ensure that all our products have been designed, built and tested to the very best standards.

Contents

VIDEO OVER IP

ONEIP

CUTTING EDGE AV OVER IP TECHNOLOGY

The OneIP family is the result of four years of relentless innovation and development, a full duplex Video over IP transceiver at 1Gbps.

With our OneIP Transceiver, you get a true dual functionality device. Unlike other transceivers on the market, OneIP can receive and transmit HDMI® sources at the same time, whilst still utilising a more cost effective, simpler to install, 1GbE infrastructure. For more dedicated locations, our Transmitter or Receiver only device can allow you to design your system, your way.

Realise the full capabilities of your devices with full HDMI 2.0 support. Enjoy pristine 4K@60Hz 4:4:4 video, ensuring every detail is displayed with breath-taking clarity whilst maximising interoperability across devices with built-in video scaling for seamless integration with any display.

one IP

BY PULSE**EIGHT**
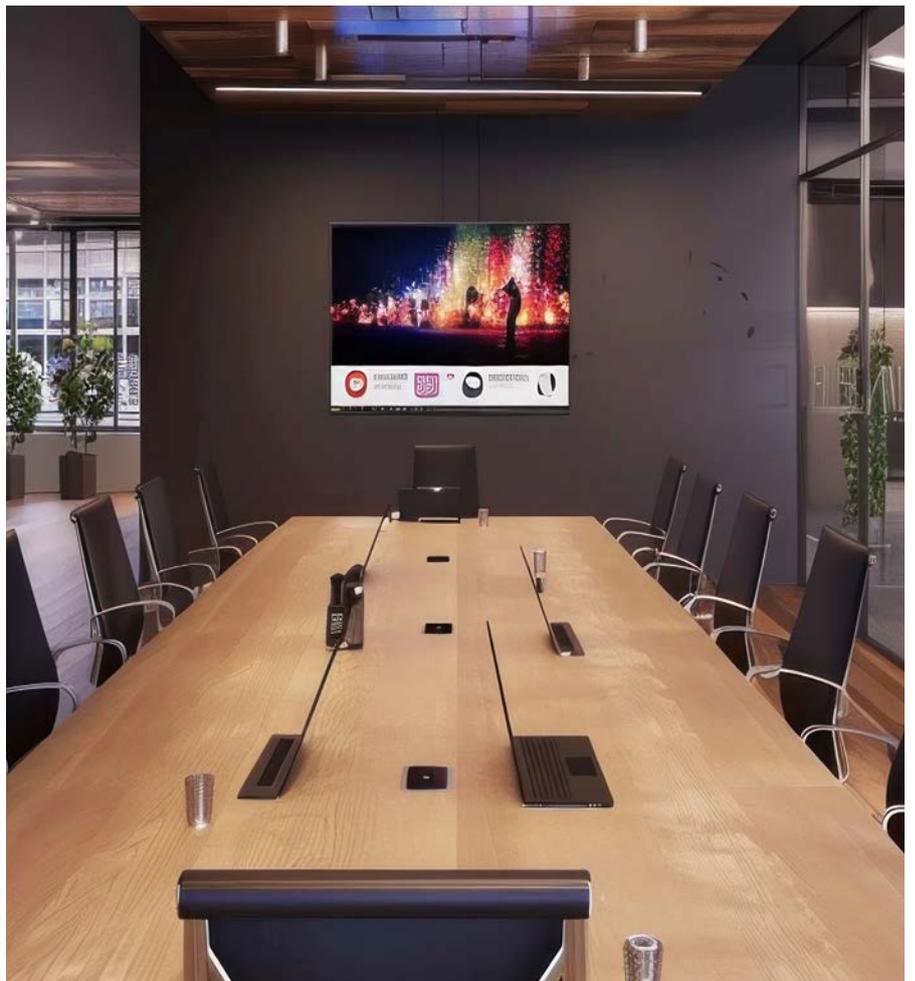
18GBPS HDMI® 2.0

1GBE NETWORKING

FULL DUPLEX TRANSCEIVER

5 YEAR WARRANTY

VIDEO OVER IP

ONEIP

ONEIP

AV OVER IP TRANSCEIVER
P8-ONEIP-1G-4K-TZ

Our full-duplex transceiver enables both transmit and receive functions simultaneously creating full flexibilty and future-proofing. Utilizing a cost-effective 1Gb managed ethernet network, extend your video content across your entire project, no matter the distance over low cost category 5e cable.

TRUE TRANSCEIVER	1 HDMI® INPUT	1 HDMI® OUTPUT	AUDIO BREAKOUT	CLOUD MONITORING

KEY FEATURES

- Full duplex transceiver
- HDMI 2.0 18Gbps
- 1Gb managed ethernet network

- Supports 10 & 12-bit HDR sources
- Optical audio breakout
- Ethernet pass-through

- Video scaling (up or down)
- Third Party Control
- 5 year warranty

ONEIP

AV OVER IP TRANSMITTER
P8-ONEIP-1G-4K-TX

The OneIP Transmitter is the perfect pairing for the OneIP Receiver or Transceiver when there is no local output required. As with the full OneIP range, the transmitter can be used on a 1Gb managed ethernet network for seamless integration.

PoE+	1 HDMI® INPUT	18GBPS HDMI® 2.0	CLOUD MONITORING	5 YEAR WARRANTY

KEY FEATURES

- HDMI 2.0 18Gbps
- 1Gb managed ethernet network
- Supports 10 & 12-bit HDR sources

- PoE+
- Bi-directional IR control
- Video scaling (from RX connection)

- Third Party Control
- 5 year warranty

ONE IP

AV OVER IP RECEIVER
P8-ONEIP-1G-4K-RX

Our standalone AV over IP Receiver is the perfect partner for the OneIP Transmitter and Transceiver for when there is no local input requirement.

PoE+   **1 HDMI® OUTPUT**   **18GBPS HDMI® 2.0**   **CLOUD MONITORING**   **5 YEAR WARRANTY**

KEY FEATURES

- HDMI 2.0 18Gbps
- 1Gb managed ethernet network
- Supports 10 & 12-bit HDR sources

- PoE+
- Bi-directional IR control
- Video scaling (up or down)

- Third Party Control
- 5 year warranty

ONE IP

AV OVER IP PRO TRANSCIEVER
P8-ONEIP-1G-4K-TZ-SF

The OneIP Pro Transceiver with SFP delivers enhanced network flexibility enabling long-distance fiber connections, daisy-chaining and enterprise-grade setups, with dual 1GbE ports (one PoE+) for further flexibility. RCA and Optical TOSLINK ports and a 12V trigger in addition to the HDMI input and output offer a range of audio capabilities that make this the perfect way to integrate AV-over-IP.

PoE+   **1 HDMI® OUTPUT**   **18GBPS HDMI® 2.0**   **CLOUD MONITORING**   **5 YEAR WARRANTY**

KEY FEATURES

- HDMI 2.0 18Gbps
- Dedicated SFP port for fiber connectivity
- Supports 4K at 4:4:4

- Supports 10 & 12-bit HDR sources
- PoE+
- 12V trigger- Video scaling (up or down)

- Third Party Control
- 5 year warranty

VIDEO OVER IP

ONEIP

ONE IP

AV OVER IP MULTIVIEWER

P8-ONEIP-MLTV

The OneIP Multiviewer is a powerful addition to the OneIP ecosystem, designed to simplify how to display up to four HDMI sources on a single screen with individual remote control capability. Supporting flexible layouts and seamless integration, it ensures professional reliability for residential, commercial and control environments. Engineered for simplicity and scalability, the OneIP Multiviewer enhances the OneIP ecosystem with versatile control and dependable performance.

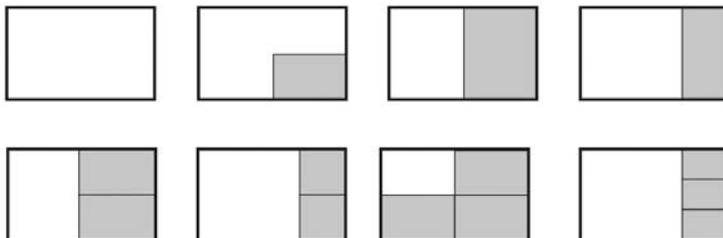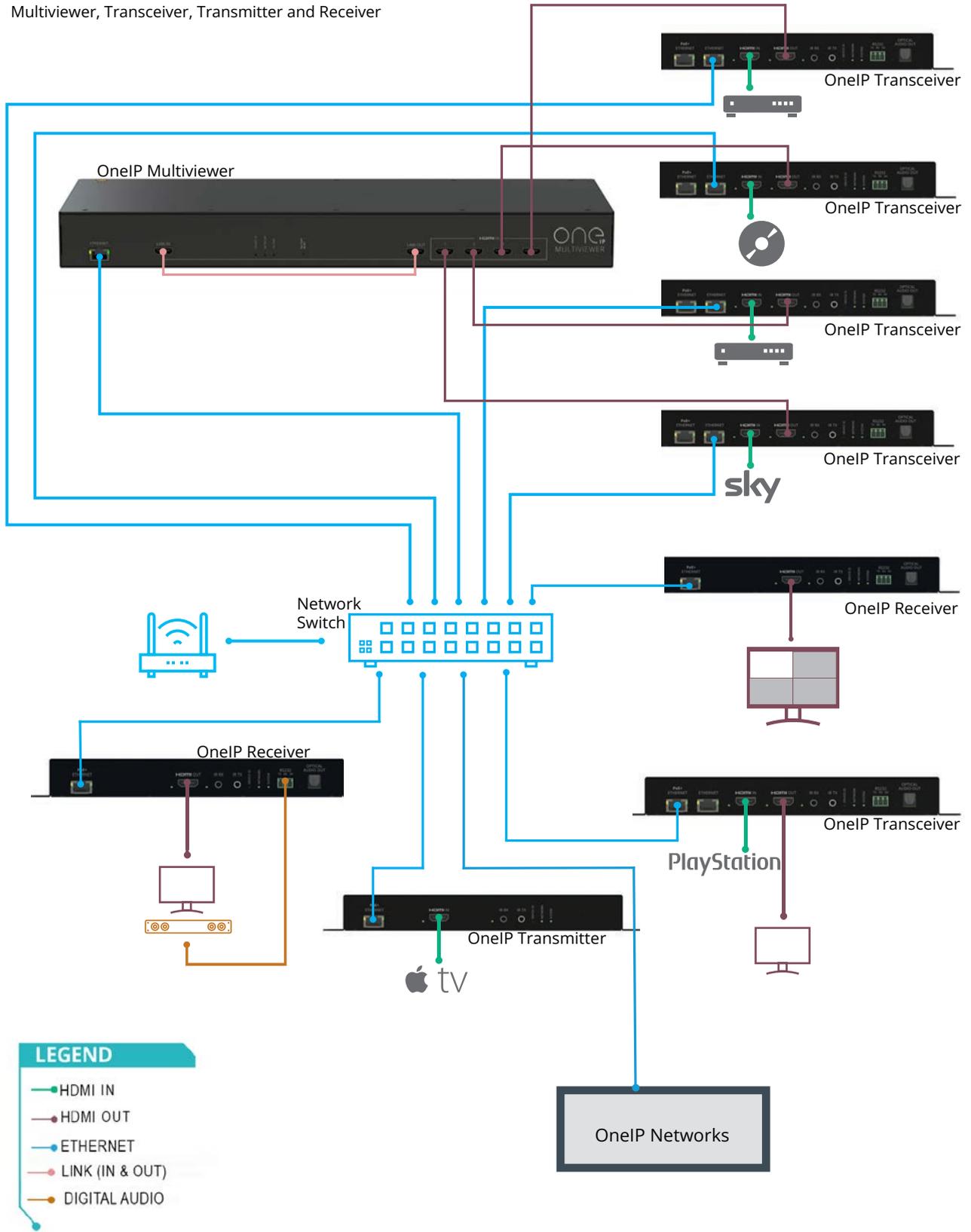| PoE+ | 1 HDMI® OUTPUT | 18GBPS HDMI® 2.0 | CLOUD MONITORING | 5 YEAR WARRANTY |

OneIP Multiviewer Screen Layout

CONCEPT WIRING GUIDE

Multiviewer, Transceiver, Transmitter and Receiver

OneIP Transceiver

OneIP Multiviewer

OneIP Transceiver

OneIP Transceiver

OneIP Transceiver

OneIP Receiver

Network Switch

sky

OneIP Receiver

PlayStation

OneIP Transceiver

OneIP Transmitter

tv

OneIP Networks

LEGEND

— HDMI IN
— HDMI OUT
— ETHERNET
— LINK (IN & OUT)
— DIGITAL AUDIO

18Gbps MATRIX SOLUTIONS

H D B a s e T

DESIGNED TO MEET ALL YOUR VIDEO AND AUDIO NEEDS

The neo:X+ and neo:XSR represent the flagship of Pulse-Eight video matrix products. Each matrix supports 18Gbps HDMI® 2.0 resolutions up to and including 4K@60Hz 4:4:4 and we use HDBaseT's officially supported DSC technology to achieve remarkable picture quality and interoperability.

Support for Dolby audio downmixing and ARC (audio return channel), amongst a host of other audio manipulation features. It all comes together to make the neo:X range a truly flexible and powerful partner in AV projects.

4K@60HZ 4:4:4

HDBaseT DIAGNOSTICS

CLOUD MONITORING

5 YEAR WARRANTY

18Gbps MATRIX SOLUTIONS

HDBaseT

neoX+

8X10 VIDEO & AUDIO MATRIX
P8-HDBT2-U-FFMJ1210

Our 18Gbps, 4K@60Hz 4:4:4, 8x10 Video Matrix with a full, integrated audio matrix.

The neo:X+ goes the distance, extend video up to 100 meters (330 feet). With audio breakout, Dolby Digital compliance and multiple video control methods.

8 HDMI® INPUTS	8 HDBaseT OUTPUTS	2 HDMI® OUTPUTS	10 AUDIO OUT ZONES	EXTEND 4K UP TO 100M

KEY FEATURES

- Supports 4K@60Hz 4:4:4 video
- Extend full 4K up to 100m
- Full, integrated audio matrix control
- HDBaseT diagnostics built-in
- CEC, IR or Web Remote Control
- Cloud monitoring
- ARC (audio return channel)
- DSC visually lossless compression
- 5 Year warranty

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neoX SR

6X6 VIDEO & AUDIO MATRIX
P8-HDBT2-L-FFMJ66

The neo:XSR Video & Audio Matrix has it all - with multiple video inputs and both video and audio outputs. Featuring 6 HDMI® inputs, 4 HDBaseT outputs and 2 HDMI® outputs alongside 6 audio output zones (with the options of Optical and Digital Coax).

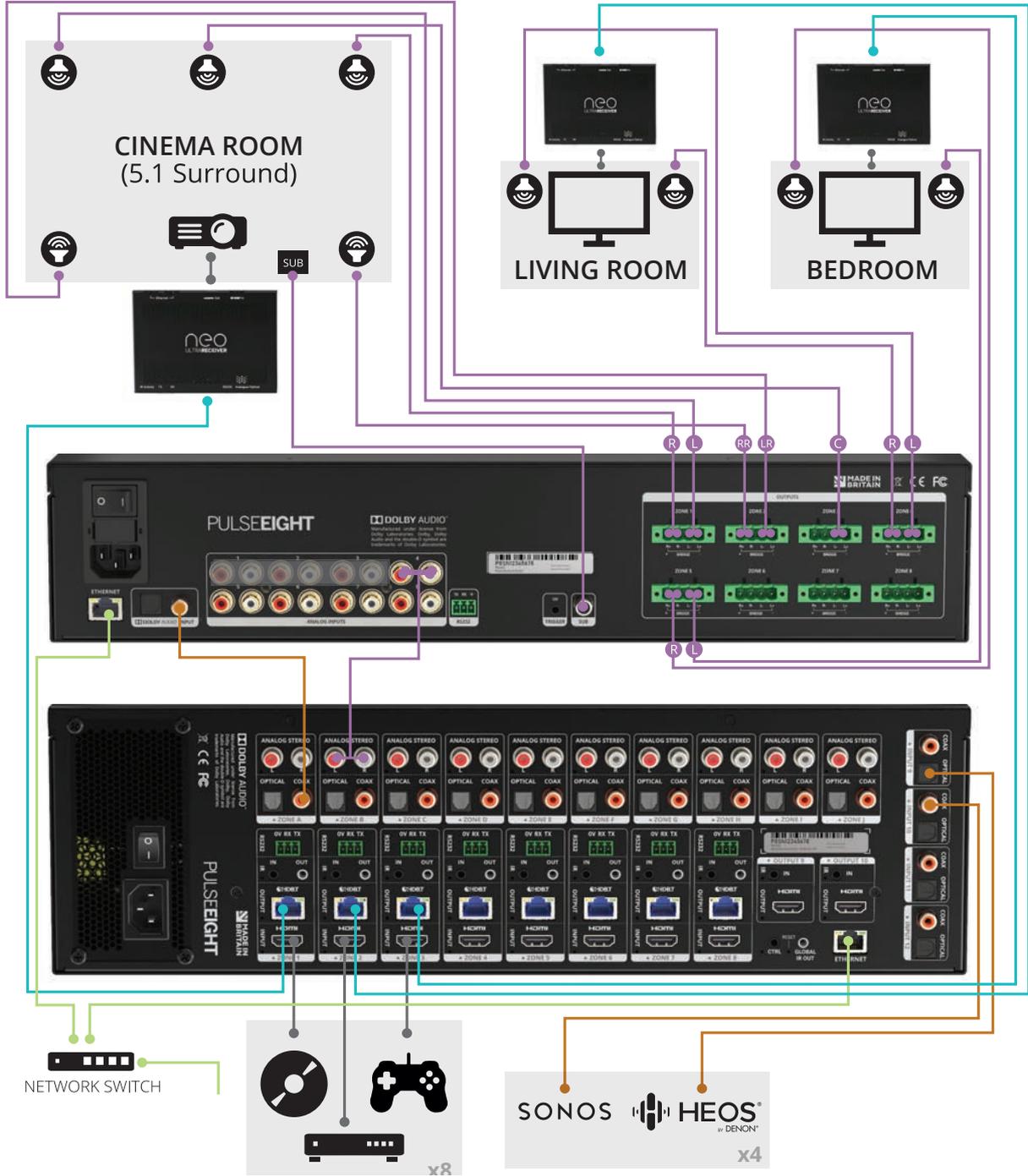| 6 HDMI® INPUTS	4 HDBaseT OUTPUTS	2 HDMI® OUTPUTS	6 AUDIO OUT ZONES	EXTEND 4K UP TO 40M

KEY FEATURES

- Supports 4K@60Hz 4:4:4 video
- Extend full 4K up to 40m
- 6 source audio breakouts
- HDBaseT diagnostics built-in
- CEC, IR or Web Remote Control
- Cloud monitoring
- ARC (audio return channel)
- DSC visually lossless compression
- 5 Year warranty

CONCEPT WIRING GUIDE

CINEMA ROOM
(5.1 Surround)

SUB

LIVING ROOM

BEDROOM

neo
ULTRARECEIVER

PULSEEIGHT

DOLBY AUDIO

ANALOG INPUTS

ETHERNET

RS232

TRIGGER SUB

ZONE 1   ZONE 2   ZONE 3   ZONE 4

ZONE 5   ZONE 6   ZONE 7   ZONE 8

OUTPUTS

MADE IN BRITAIN

ANALOG STEREO

OPTICAL COAX   ZONE A ... ZONE J

PULSEEIGHT

MADE IN BRITAIN

NETWORK SWITCH

x8

SONOS   HEOS
by DENON

x4

LEGEND
— Infrared
— HDBaseT
— HDMI
— Ethernet
— Analog Audio
— Digital Audio

DRIVERS AVAILABLE FOR:
CRESTRON **HOME**   ELAN   RTI

SAVANT   Control4

MATRIX SOLUTIONS

HDBaseT

SIMPLE YET SOPHISTICATED VIDEO MATRIX SOLUTIONS

The award winning neo HDBaseT matrix range is the perfect blend of simplicity and sophistication, created by our passionate in-house engineering and production team for the sole purpose of seamlessly distributing video.

Designed with a core set of features to cover the majority of projects, the neo range represents unprecedented value. We recognise what's important to integrators, therefore we made sure our HDBaseT diagnostics and cloud monitoring are still included as standard.

4K@60HZ 4:2:0

HDBaseT DIAGNOSTICS

CLOUD MONITORING

5 YEAR WARRANTY

MATRIX SOLUTIONS

HDBaseT

neo:

8X10 VIDEO MATRIX
P8-HDBT-L-FFMN810A

The neo:8a is our flagship 4K 4:2:0 fixed format 8x10 HDBaseT matrix with added audio breakout.

The neo:8a can extend 4K up to 40 metres and 1080p up to 70 metres.
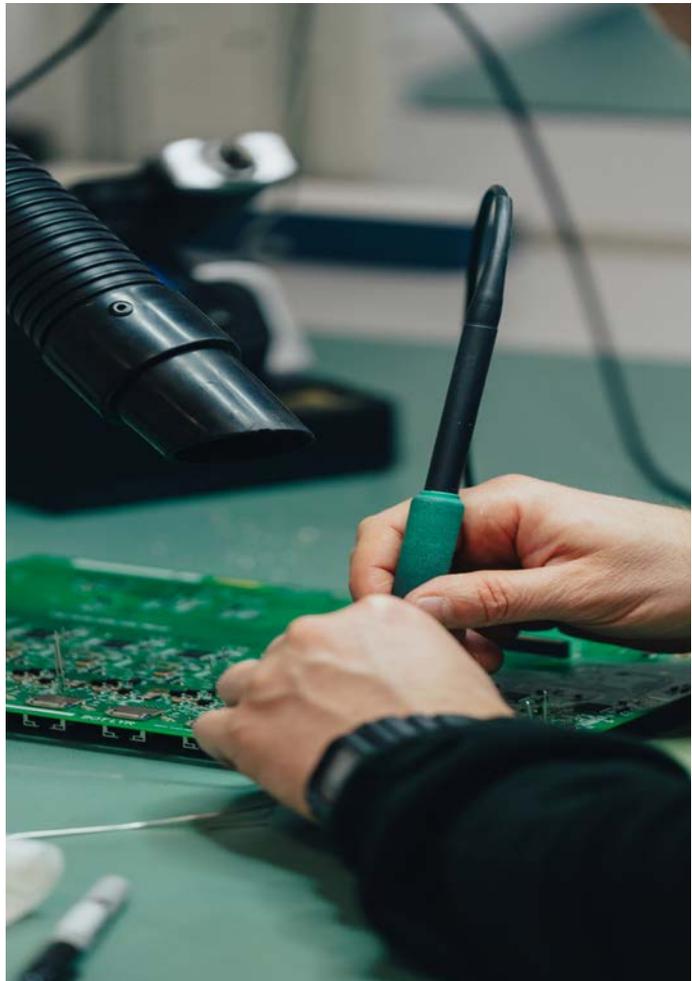
8 HDMI® INPUTS	8 HDBaseT OUTPUTS	8 AUDIO BREAKOUTS	EXTEND 1080P UP TO 70M	EXTEND 4K UP TO 40M

KEY FEATURES

- Supports 4K@60Hz 4:2:0 video
- Extend 4K up to 40m
- Extend 1080p up to 70m

- 2 HDMI Mirror Ports
- Source Audio Breakouts
- HDBaseT diagnostics built-in

- CEC, IR or Web Remote Control
- Cloud monitoring
- 5 Year warranty

neo:

6X8 VIDEO MATRIX
P8-HDBT-L-FFMN68A

The neo:6a is our 6x8 matrix supporting 4K 4:2:0 with added HDMI audio breakout

The neo:6a can extend 4K up to 40 metres and 1080p up to 70 metres.

6 HDMI® INPUTS	6 HDBaseT OUTPUTS	6 AUDIO BREAKOUTS	EXTEND 1080P UP TO 70M	EXTEND 4K UP TO 40M

KEY FEATURES

- Supports 4K@60Hz 4:2:0 video
- Extend 4K up to 40m
- Extend 1080p up to 70m

- 2 HDMI Mirror Ports
- Source Audio Breakouts
- HDBaseT diagnostics built-in

- CEC, IR or Web Remote Control
- Cloud monitoring
- 5 Year warranty

neo:

4X4 VIDEO MATRIX

P8-HDBT-L-FFMS44-22

The neo:4 is our 4x4 HDBaseT
matrix with additional
2 mirrored HDMI ports.

4 HDMI® INPUTS

4 HDBaseT OUTPUTS

2 HDMI® OUTPUTS

EXTEND 1080P UP TO 70M

EXTEND 4K UP TO 40M

KEY FEATURES

- Supports 4K@60Hz 4:2:0 video
- Extend 4K up to 40m
- Extend 1080p up to 70m

- Mirror HDMI outputs
- HDBaseT diagnostics built-in
- CEC, IR or Web Remote Control

- Cloud monitoring
- 5 Year warranty

NEO:4 VIDEO MATRIX

CONCEPT WIRING GUIDE

DRIVERS AVAILABLE FOR:
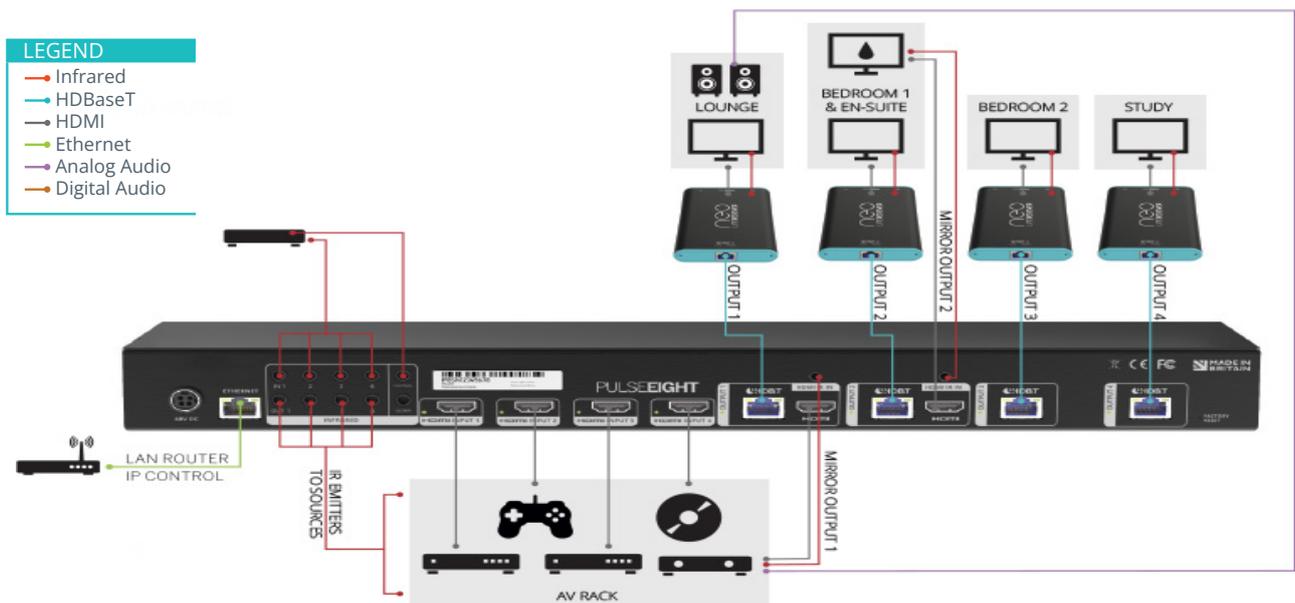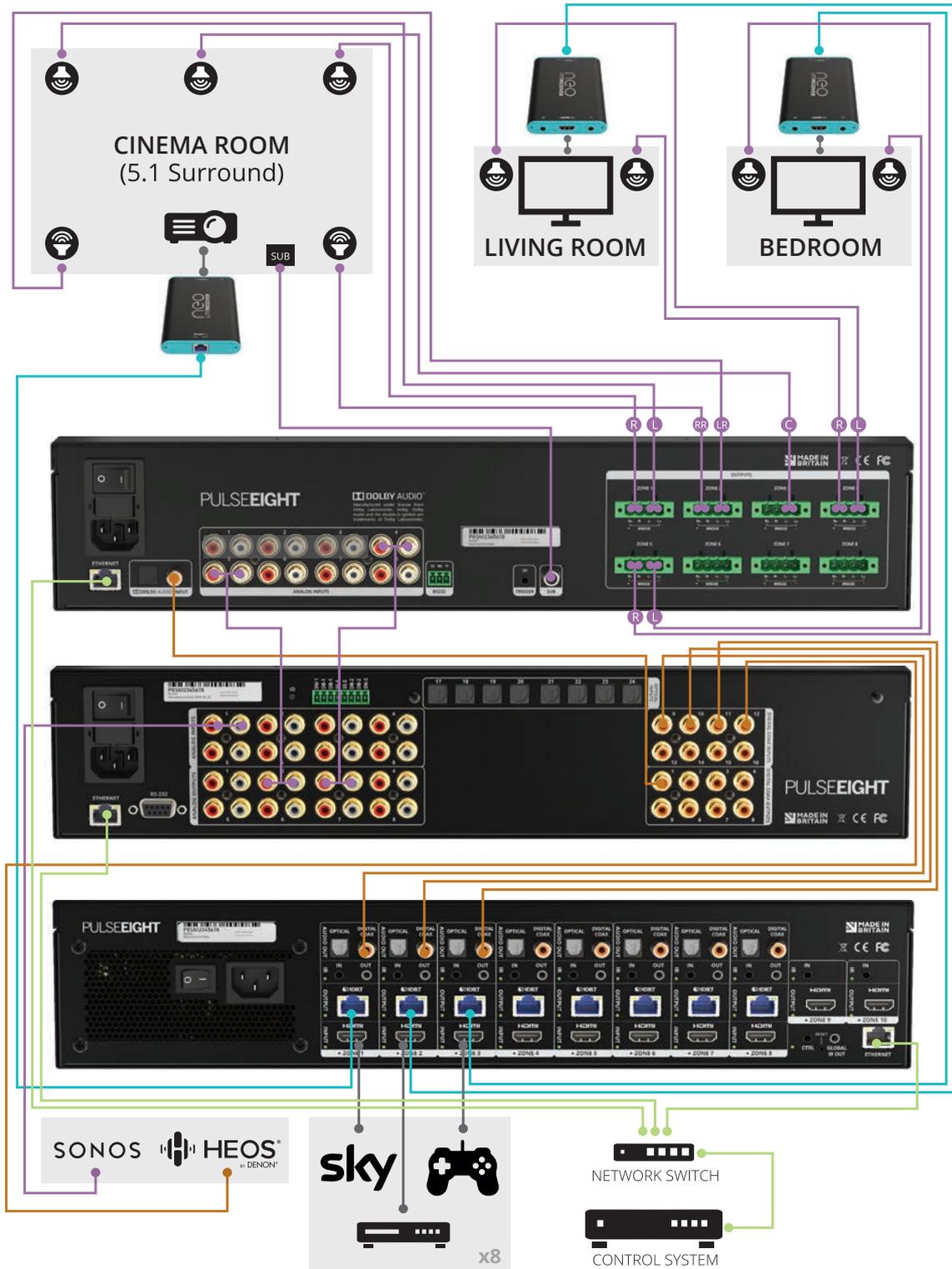
CRESTRON **HOME**

ELAN   *RTI*

SAVANT   Control4

LEGEND

- Infrared
- HDBaseT
- HDMI
- Ethernet
- Analog Audio
- Digital Audio

LOUNGE

BEDROOM 1 & EN-SUITE

BEDROOM 2

STUDY

OUTPUT 1   OUTPUT 2   MIRROR OUTPUT 2   OUTPUT 3   OUTPUT 4

LAN ROUTER IP CONTROL

IR EMITTERS TO SOURCES

MIRROR OUTPUT 1

AV RACK

CONCEPT WIRING GUIDE

CINEMA ROOM
(5.1 Surround)

SUB

LIVING ROOM

BEDROOM

LEGEND
- Infrared
- HDBaseT
- HDMI
- Ethernet
- Analog Audio
- Digital Audio

SONOS | HEOS by DENON

sky | x8

NETWORK SWITCH

CONTROL SYSTEM

DRIVERS AVAILABLE FOR:

CRESTRON **HOME**   ELAN   RTI

SAVANT   Control4

COMPARISON CHART

Product	neoX+	neo:XSR	neo:8a	neo:6a	neo:4
SKU	P8-HDBT2-U-FFMJ1210	P8-HDBT2-U-FFMJ66	P8-HDBT-L-FFMN810	P8-HDBT-L-FFMN68	P8-HDBT-L-FFMS44-22
Port Connections					
HDMI Inputs	8	6	8	6	4
Audio Inputs	4	-	-	-	-
HDBaseT Outputs	8	4	8	6	4
HDMI Outputs	2	2	2	2	2 (mirrored)
Audio Outputs	10	6	8 (extract)	6 (extract)	-
Video Resolutions	*Denotes products that use Display Stream Compression (DSC) to compress 4K@60Hz 4:4:4 signals				
4K@60Hz 4:4:4	•*	•*			
4K@60Hz 4:2:2	•*	•*			
4K@60Hz 4:2:0	•	•	•	•	•
4K/HDR 10@60Hz	•*	•*			
4K/HDR 10@24Hz	•	•	•	•	•
1080p	•	•	•	•	•
720p	•	•	•	•	•
HDBaseT Video Distances					
4K — 100 metres	•				
4K — 40 metres	•	•	•	•	•
1080p — 100 metres	•				
1080p — 70 metres	•	•	•	•	•
Features					
Ethernet Pass-through	10/100	-	-	-	-
IR Control	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional
HDMI-CEC Control	Yes	Yes	Yes	Yes	Yes
Web Interface	Yes	Yes	Yes	Yes	Yes
Cloud Monitoring	Yes	Yes	Yes	Yes	Yes
Automatic EDID	Yes	Yes	Yes	Yes	Yes
Third Party Control	Yes	Yes	Yes	Yes	Yes
HDMI ARC (Audio Return Channel)	Yes	Yes	-	-	-
PoH (Power over HDBaseT)	Yes	Yes	Yes	Yes	Yes
Maximum Pixel Clock	600Mhz	600Mhz	340Mhz	340Mhz	340Mhz
Maximum Bandwidth	18Gbps	18Gbps	10.2Gbps	10.2Gbps	10.2Gbps
Max Power Consumption	2Amps @ 240V				
Power Rating	100-240V 4.0/2.0A 50/60Hz				
Product Weight & Dimensions					
Product Weight	4.83kg	3.9kg	3.78kg	3.78kg	1.15kg
Height	13cm (3U)	8.9cm (2U)	9cm (2U)	9cm (2U)	4.3cm (1U)
Width	44cm	44cm	44cm	44cm	44cm
Depth	32cm	32cm	30.5cm	30.5cm	14cm

DSP AUDIO MATRIX SOLUTIONS

AUDIO DISTRIBUTION MADE SIMPLE
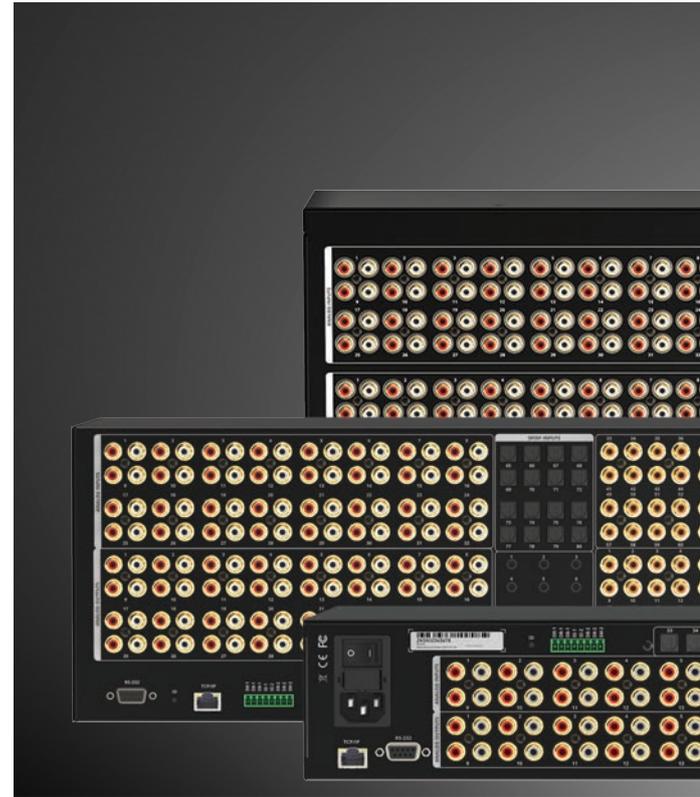
Pulse-Eight's ProAudio range of DSP capable pre-amp matrices offer innovative features and unmatched capabilities.

Packed with features such as lip sync delay, 5 band DSP per zone, adjustable gain, zone locking, automatic audio conversion and third party control, our ProAudio range is unrivalled.

ProAudio has been designed for the custom install AV market, in many cases the need for an audio receiver can be eliminated by using the audio features of the ProAudio Series.

DSP FULL DSP

LIP SYNC CONTROL

THIRD PARTY CONTROL

5 YEAR WARRANTY
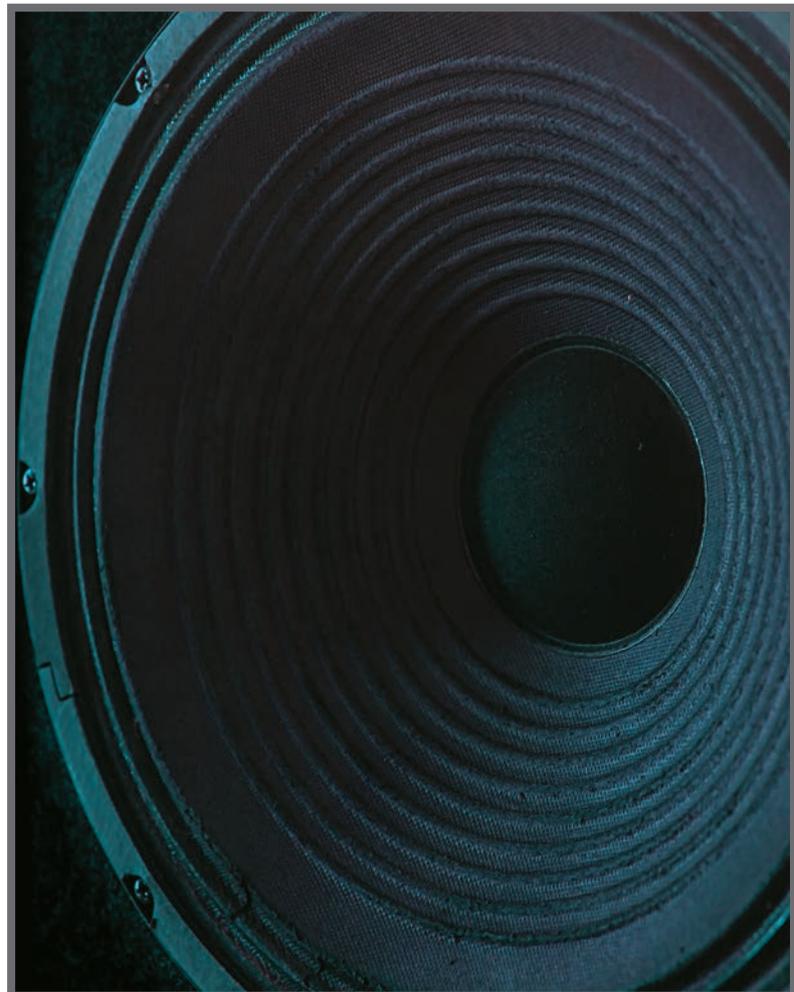
DSP AUDIO MATRIX
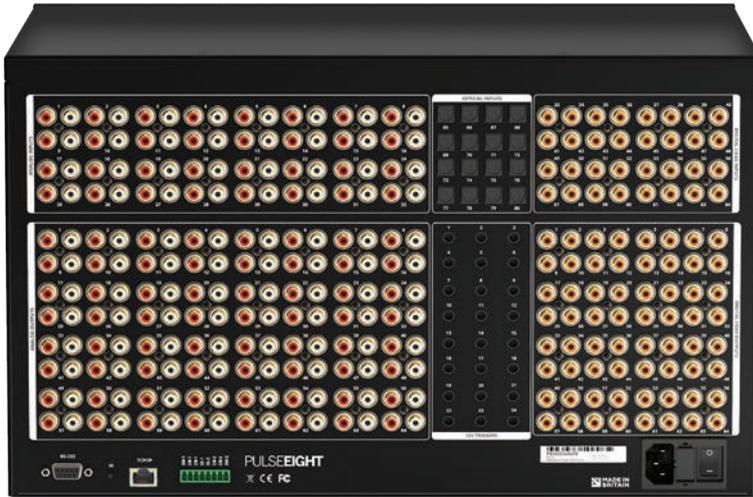
PROAUDIO

ProAudio3264

DSP AUDIO MATRIX

P8-PROAUDIO3264

| 80 AUDIO INPUTS	64 AUDIO OUTPUTS	24 12V TRIGGERS

KEY FEATURES

- 32 Stereo L/R Inputs
- 32 Digital Coax Inputs
- 16 Optical Inputs

- 64 Stereo L/R Outputs
- 64 Digital Coax Outputs
- 24 12V Triggers

- 1 Ethernet
- 1 RS232 Serial
- 5 Year warranty
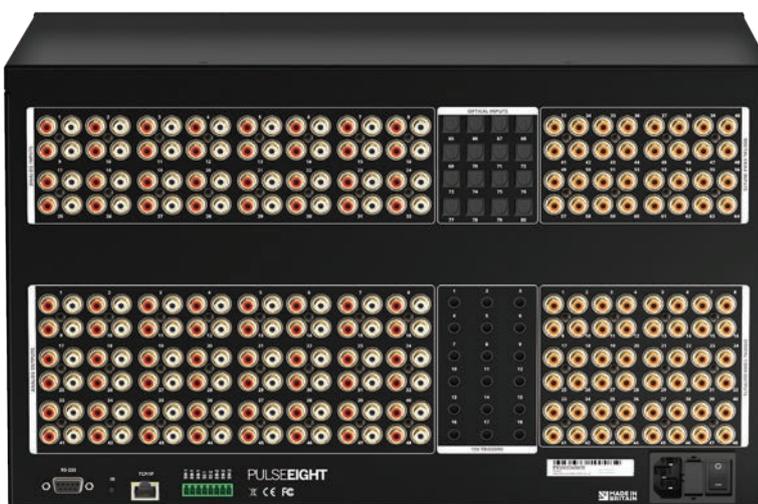
ProAudio3248

DSP AUDIO MATRIX

P8-PROAUDIO3248

80 AUDIO INPUTS	48 AUDIO OUTPUTS	18 12V TRIGGERS

KEY FEATURES

- 32 Stereo L/R Inputs
- 32 Digital Coax Inputs
- 16 Optical Inputs

- 48 Stereo L/R Outputs
- 48 Digital Coax Outputs
- 18 12V Triggers

- 1 Ethernet
- 1 RS232 Serial
- 5 Year warranty

Pro**Audio**32

DSP AUDIO MATRIX

P8-PROAUDIO32

80 AUDIO INPUTS　　**32 AUDIO OUTPUTS**　　**12V 12 12V TRIGGERS**

KEY FEATURES

- 32 Stereo L/R Inputs
- 32 Digital Coax Inputs
- 16 Optical Inputs

- 32 Stereo L/R Outputs
- 32 Digital Coax Outputs
- 12 12V Triggers

- 1 Ethernet
- 1 RS232 Serial
- 5 Year warranty

Pro**Audio**1632

DSP AUDIO MATRIX

P8-PROAUDIO1632

40 AUDIO INPUTS　　**32 AUDIO OUTPUTS**　　**12V 12 12V TRIGGERS**

KEY FEATURES

- 16 Stereo L/R Inputs
- 16 Digital Coax Inputs
- 8 Optical Inputs

- 32 Stereo L/R Outputs
- 32 Digital Coax Outputs
- 12 12V Triggers

- 1 Ethernet
- 1 RS232 Serial
- 5 Year warranty

Pro**Audio**16RS

DSP AUDIO MATRIX

P8-PROAUDIO16RS

48 AUDIO INPUTS　　**32 AUDIO OUTPUTS**　　**8 REMOTE SOURCE INPUTS**

KEY FEATURES

- 16 Stereo L/R Inputs
- 16 Digital Coax Inputs
- 8 Optical Inputs

- 8 CAT5e (Remote Source) Inputs
- 32 Stereo L/R Outputs
- 32 Digital Coax Outputs

- 1 Ethernet
- 1 RS232 Serial
- 5 Year warranty

DSP AUDIO
MATRIX

PROAUDIO

ProAudio16

DSP AUDIO MATRIX

P8-PROAUDIO16

48 AUDIO INPUTS | 16 AUDIO OUTPUTS | THIRD PARTY CONTROL

KEY FEATURES

- 16 Stereo L/R Inputs
- 16 Digital Coax Inputs
- 16 Optical Inputs

- 16 Stereo L/R Outputs
- 16 Digital Coax Outputs
- 1 Ethernet

- 1 RS232 Serial
- 5 Year warranty

ProAudio8

DSP AUDIO MATRIX

P8-PROAUDIO8

24 AUDIO INPUTS | 8 AUDIO OUTPUTS | THIRD PARTY CONTROL

KEY FEATURES

- 8 Stereo L/R Inputs
- 8 Digital Coax Inputs
- 8 Optical Inputs

- 8 Stereo L/R Outputs
- 8 Digital Coax Outputs
- 1 Ethernet

- 1 RS232 Serial
- 5 Year warranty

CONCEPT WIRING GUIDE
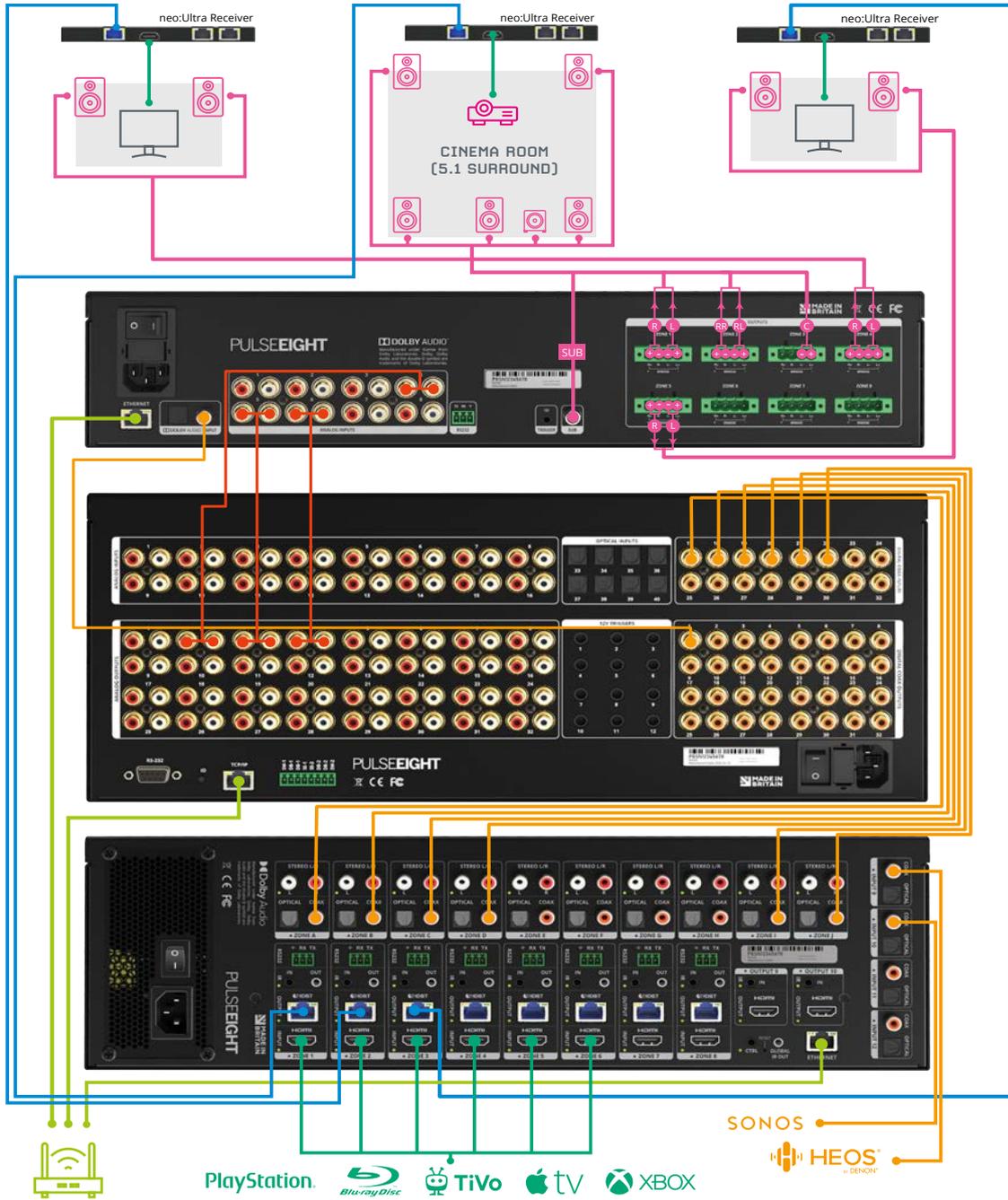
LEGEND

- .... Infrared
- —— HDBaseT
- —•— Digital Audio
- —— Analogue Audio Ethernet
- —•— Speaker
- —— HDMI®

DRIVERS AVAILABLE FOR:

CRESTRON   ELAN   RTI

SAVANT   Control4

Configuration Tool

PROAUDIO

Pulse-Eight ProAudio

Configuration Tool

Introducing the ProAudio Config Tool, a powerful configuration and monitoring solution designed to make your installations easier. It provides real-time visibility and control over every aspect of your audio matrix, from zone routing and volume levels to EQ, delays, triggers, and network settings.

With an intuitive interface and live command feedback, installers can configure systems faster, setup audio across multiple zones with confidence, and make precise adjustments on the fly.

Whether commissioning a new install or fine-tuning an existing system, the ProAudio Config Tool reduces setup time, and ensures optimal audio performance across every zone.

The Side Bar

Accessible from any tab, the Sidebar provides system information at a glance including model, firmware, power status, IP configuration and network setup, device numbering scheme, and master volume.

It also enables saving or resetting configurations, and offers a real-time command history for monitoring and manual control via PuTTY commands.

The Stereo Input

The input tabs offer source-level audio control across all outputs. Giving acess to features such as input delay for precise lip-sync correction, adjusting input gain to balance source levels and configuring audio mode options such as channel swapping or mono mixing.

The Coax Input Tab

The input tabs offer source-level audio control across all outputs. Giving acess to features such as input delay for precise lip-sync correction, adjusting input gain to balance source levels and configuring audio mode options such as channel swapping or mono mixing.

The Optical Input Tab

The input tabs offer source-level audio control across all outputs. Giving acess to features such as input delay for precise lip-sync correction, adjusting input gain to balance source levels and configuring audio mode options such as channel swapping or mono mixing.

The Stereo Zones Tab

The Stereo Zones tab centralises control of analogue audio zones , giving users quick acess to manage a huge range of settings including zone power, source routing, zone locking, zone volume, zone muting, lip-sync delays, output gain, and allowing easy set up of 12v triggers with additional tabs offering EQ adjustments, detailed level control including minimum/maximum volume and settings for subwoofers.
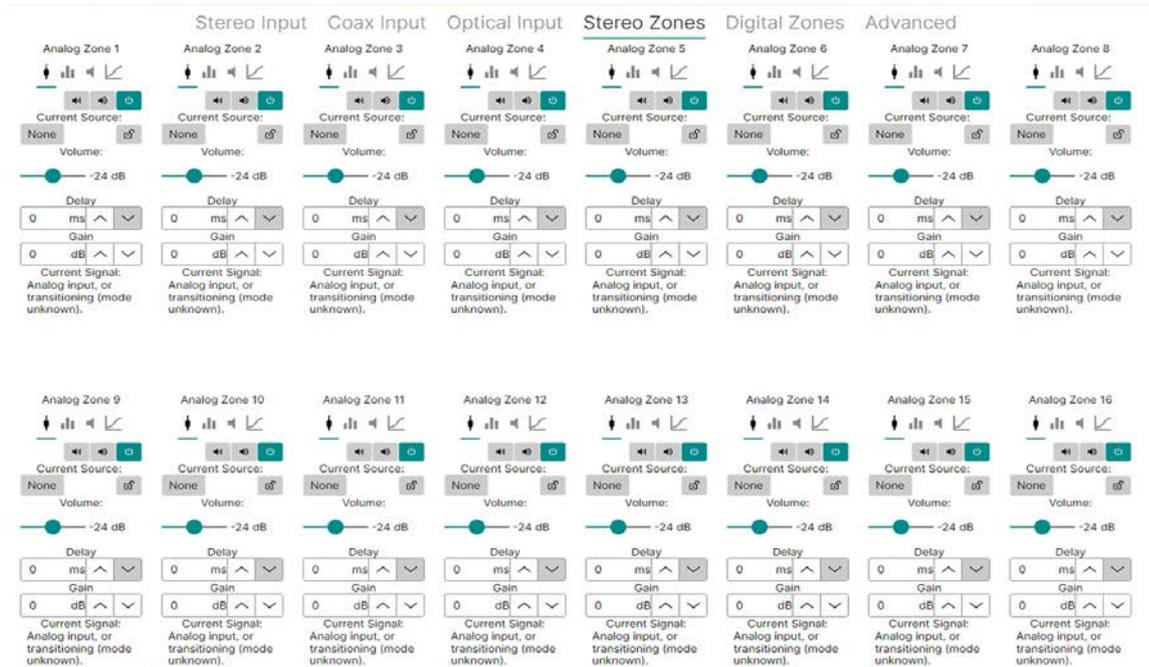
The Digital Zones Tab

The Digital Zones tab provides streamlined control for your coaxial outputs. Ensuring quick and easy access to hard mute zones, source routing and to configure eachddigital output for independant digital switching or to be mirrored from corresponding digital zones.

Digital zones support untouched multichannel for mats or PCM stereo conversion (Does not downmix Dolby 5.1 or DTS to analogue audio, but does pass multichannel audio to the S/PDIF digital out puts)
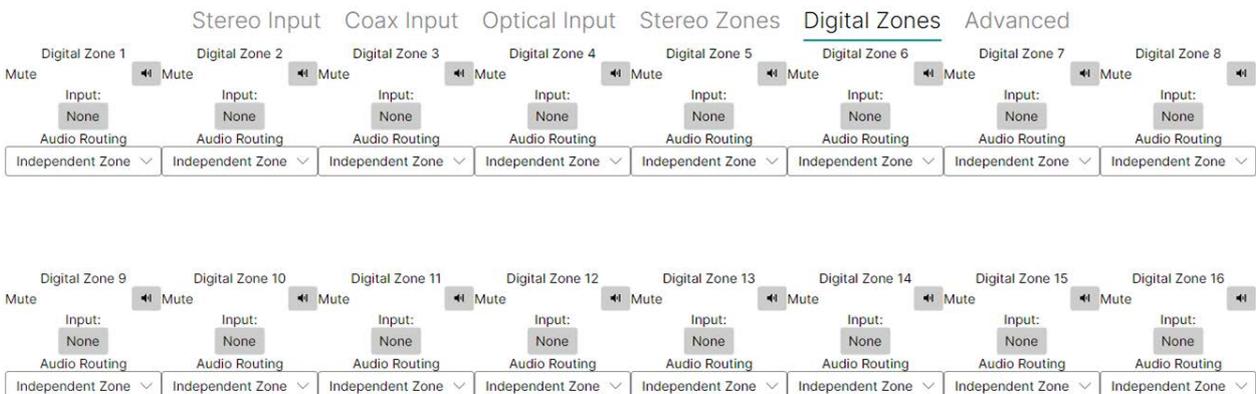
The Triggers Tab

The Triggers Tab lets you configure the Pro Audio Matrix's 12v trigger ports to wake external devices such as amplifiers, AV recievers, and projectors. Individual analogue output zones can be linked to trigger ports, which can be set to one of three behaviours : Always On, Always Off or Automatic which activates the trigger whenever the zone powers on.

The Advanced Tab

The Advanced tab provides users with control to adjust LED settings on the front panel and configure operational flags for I/O modes, command acknowledgements, response handling, mute and volume behaviour, and serial feedback, with a one-click option to restore recommened defalt settings.

PROAMP AMPLIFIER

PROAUDIO

ALL IN ONE SOLUTION FOR **AMPLIFICATION**

ProAmp8

P8-PROAMP8

Pulse-Eight's ProAmp8 is a powerful and versatile 8-Zone Power Amplifier that offers a wide range of features, such as; full audio DSP and EQ settings, Multi-Zone Mode and Dolby Digital Surround Sound Modes. The ProAmp8 is the perfect partner to Pulse-Eight's ProAudio range and our latest neo:X matrices.

| 8 ANALOGUE INPUTS | 1 DOLBY INPUT | 8 AUDIO OUTPUT ZONES | 200W @4Ω BRIDGE MODE | 100W @4Ω 50W @8Ω | THIRD PARTY CONTROL | CLOUD MONITORING |

KEY FEATURES

- 100 watts per channel
- 8 Stereo (L/R) analogue inputs
- 1 digital input with Dolby support
- 8 Stereo phoenix connector outputs
- Bridgeable output zones

- Full Dolby Zone DSP and Equaliser (EQ) control
- Fault detection and system reset
- Low-energy consumption
- "Automatic sensing" and 12V Trigger options
- User-friendly WebUI control

HDMI®
EXTENDERS

NEO

HDMI EXTENSION
WITH A DIFFERENCE

Our neo range of HDMI® over HDBaseT™ extenders offer the very best in performance and flexibility.

With the aim to keep our HDMI® extension solutions simple, instead of hundreds of variants, we've created simple tiers, each more capable than the last. Features include bi-directional IR, PoH, DSC, CEC, RS232 and ARC, depending on model.

neo

HDMI® EXTENDER SET

P8-HDBT3-L-EXSET

TRANSMIT OR RECEIVE

EXTEND 4K UP TO 40M

HDMI® AUDIO RETURN

UNCOMPRESSED 18GBPS 4K

KEY FEATURES

- Switch between Receiver and Transmitter Mode
- Completely Uncompressed

- Supports 4K@60Hz 4:4:4
- Extend 4K and 1080p up to 40m
- Wall Mountable

- Bi-Directional Infra-Red
- RS232 Phoenix Port
- HDCP 2.2 Compliant

neo:Ultra
HDMI® EXTENDER SET
P8-HDBT2-U-EXSET

EXTEND 4K UP TO 100M
EXTEND 1080P UP TO 100M
HDMI® AUDIO RETURN
18GBPS 4K

KEY FEATURES
- Supports 4K@60Hz 4:4:4
- Extend 4K and 1080p up to 100m
- Ultra thin 13mm depth enclosure
- Wall Mountable
- ARC (Audio Return Channel)
- Bi-Directional Infra-Red
- Ethernet 10/100 Connection
- Serial RS232 via 3.5mm
- HDCP 2.2 Compliant

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neo:Pro
HDMI® EXTENDER SET
P8-HDBT2-P-EXSET

EXTEND 4K UP TO 70M
EXTEND 1080P UP TO 100M
HDMI® AUDIO RETURN
4K@60HZ 4:2:0

KEY FEATURES
- Supports 4K@60Hz 4:2:0
- Extend 4K to 70m and 1080p to 100m
- Ultra thin 13mm depth enclosure
- Wall Mountable
- ARC (Audio Return Channel)
- Bi-Directional Infra-Red
- Ethernet 10/100 Connection
- Serial RS232 via 3.5mm
- HDCP 2.2 Compliant

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neo:lite
HDMI® EXTENDER SET
P8-HDBT-L-EXSET

EXTEND 4K UP TO 40M
EXTEND 1080P UP TO 70M
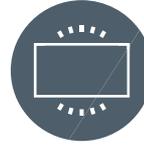**4K@60HZ 4:2:0**

KEY FEATURES
- Supports 4K@60Hz 4:2:0
- Extend 4K to 40m
- Extend 1080p to 70m
- Wall Mountable
- Low Power
- Bi-Directional Infra-Red
- PoH Receiver
- HDCP Compliant

SPLITTER SOLUTIONS

HDMI®

PoH

PoH AS STANDARD

LOW PROFILE

3 YEAR WARRANTY

OUR SIMPLE SOLUTIONS FOR SENDING HDMI TO MULTIPLE DISPLAYS

Discover seamless signal distribution with our neo:1-4 HDMI Splitter and neo:1-4 HDBaseT Splitter, designed for reliability, performance, and flexibility. The HDMI Splitter enables effortless duplication of a single HDMI source up to four local displays, supporting 4K@60Hz 4:4:4 UHD resolutions.

For longer-distance installations, the HDBaseT Splitter extends HDMI signals over Cat cable up to 100m, delivering uncompressed video, multi-channel audio, and control signals with zero latency.

neo

1-4 HDMI® SPLITTER

P8-HDMI2-SP4

With one HDMI® source, you can easily distribute to four simultaneous HDMI® outputs plus access to our exclusive Cloud Monitoring Portal.

1 HDMI® INPUT

4 HDMI® OUTPUTS

4K@60HZ 4:4:4

CLOUD MONITORING

KEY FEATURES

- Supports 4K@60Hz 4:4:4
- Responsive Web Interface
- Cloud monitoring
- Return IR Control
- CEC Control
- Automatic EDID Management
- Rack mountable
- 3 Year warranty
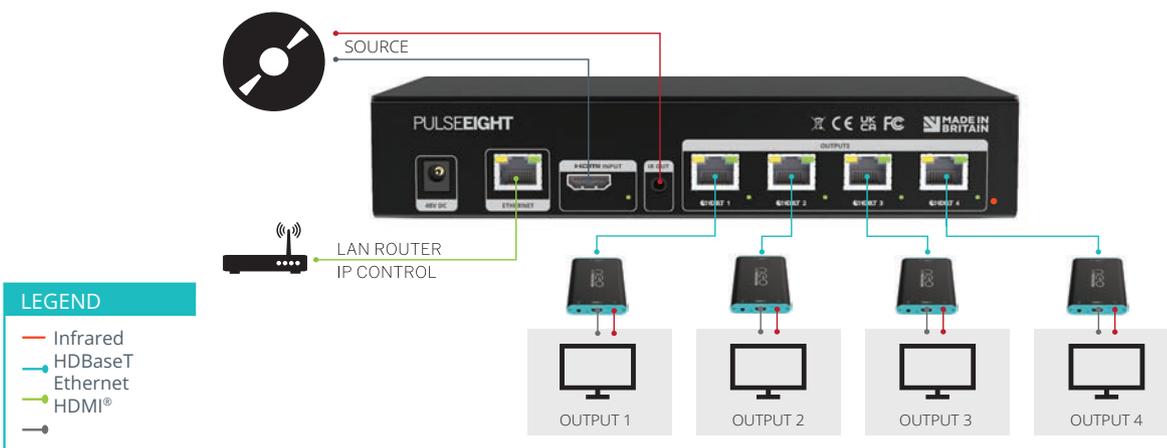
neo

1-4 HDBaseT™ SPLITTER

P8-HDBT-L-SP4

Our neo HDBaseT™ splitter can extend 4K up to 40 meters and 1080p up to 70 metres, with CEC and IR control.

1 HDMI® INPUT

4 HDBASET OUTPUTS

4K@60HZ 4:2:0

EXTEND 4K UP TO 40M

CLOUD MONITORING

KEY FEATURES

- Supports 4K@60Hz 4:2:0
- Extend 4K up to 40m
- Extend 1080p up to 70m
- HDBaseT diagnostics built-in
- Responsive Web Interface
- Cloud monitoring
- PoH (Power over HDBaseT)
- Rack mountable
- 3 Year warranty

CONCEPT WIRING GUIDE

SOURCE

LAN ROUTER
IP CONTROL

LEGEND

— Infrared
— HDBaseT
— Ethernet
— HDMI®
—

OUTPUT 1   OUTPUT 2   OUTPUT 3   OUTPUT 4

AUDIO SOLUTIONS

ACCESSORIES

AUDIO SOLUTIONS FOR EVERY REQUIREMENT

Modern day installations require innovative solutions and can often push the envelope of what consumer audio and video devices were designed to do. Working closely with installers, we've developed a range of products that provide simple fixes for better integration of complex audio and video distribution systems.

All our accessories come with 3 years warranty and are designed to work seamlessly alongside our matrices and extenders, but also work standalone if required.

DIGITAL AUDIO OVER CAT5E/6 EXTENDER

P8-AE-CAT-EXSET

Digital audio over extreme distances can be tricky in isolation, our audio extender uses a standard CAT cable to seamlessly transmit S/PDIF (Toslink) audio over 200m.

KEY FEATURES

- Extends audio via a single CAT cable
- Supports coaxial or S/PDIF signals
- Stereo and Multichannel digital audio

- 2ch PCM audio inputs
- 5.1 Compressed audio supported
- Extension length up to 200m

- Compact design
- 3 Year warranty

AUDIO DELAY DEVICE

P8-AD340

Easily delay stereo audio using standard L/R phono input and output connections. Ideal for correcting lip-sync issues, this device offers precise audio delay adjustments in ~20 millisecond steps, selectable via a 16-position switch, ranging from 20ms to 340ms.

KEY FEATURES

- The perfect solution to lip sync issues

- 20 millisecond increments

- Delay audio from 20-340ms

- L/R phono input and output connections

- Compact design

- 3 Year warranty

DOLBY® DIGITAL DOWNMIXER DAC
(DIGITAL TO ANALOGUE CONVERTER)

P8-DDAC

With our digital to analogue audio converter, audio setups are capable of decoding connected S/PDIF coaxial or TOSLINK optical digital audio sources to standard analogue stereo (L/R) audio.

KEY FEATURES

- Inputs for coaxial and optical

- Analogue stereo (L/R) output

- Decodes connected S/PDIF coaxial or TOSLINK optical digital audio sources

- Compact design

- 3 Year warranty

HDMI® DOWNMIXER DAC
(DIGITAL TO ANALOGUE CONVERTER)

P8-HDMIDAC

The HDMI® DAC video scaler and digital to audio converter (DAC) is designed to be placed between a display and a source device. It adjusts resolution and audio from an incoming HDMI source and scales the output to a level compatible with its display capabilities.

KEY FEATURES

- Supports 4K and 1080p

- In line downmix of Dolby Digital to stereo PCM over HDMI®

- 3.5mm audio breakout

- Downscale 4K/30p > 1080/24p

- Upscale 1080/24p > 4K/30p,

- Compact design

- 3 Year warranty

PULSEEIGHT

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