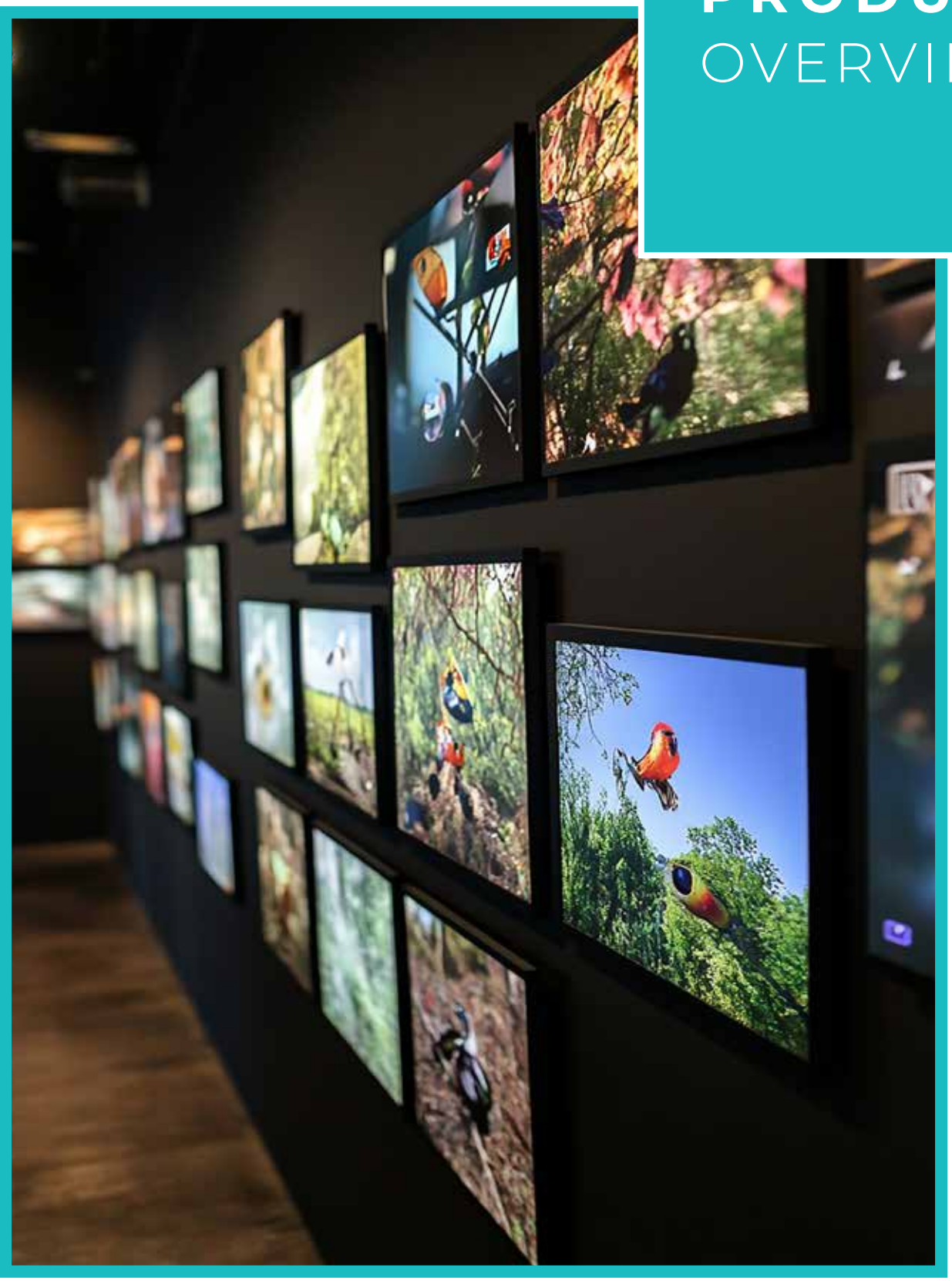
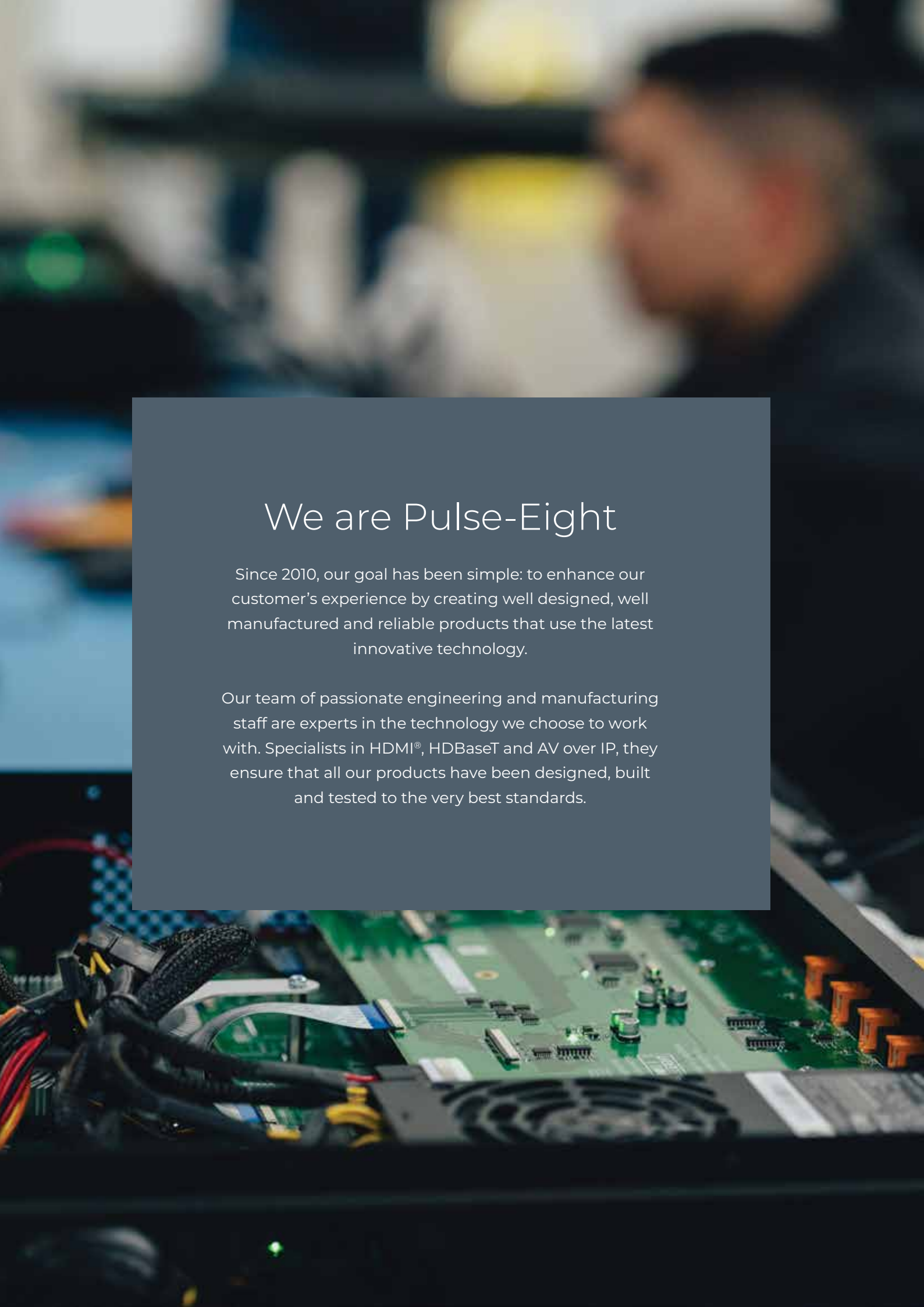
2026 EDITION | V1

AV SOLUTIONS **PRODUCT** OVERVIEW



2026

PULSEEIGHT



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.

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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 PULSEEIGHT

18GBPS HDMI® 2.0

1GBE NETWORKING

FULL DUPLEX TRANSCEIVER

5 YEAR WARRANTY

VIDEO OVER IP

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

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

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

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

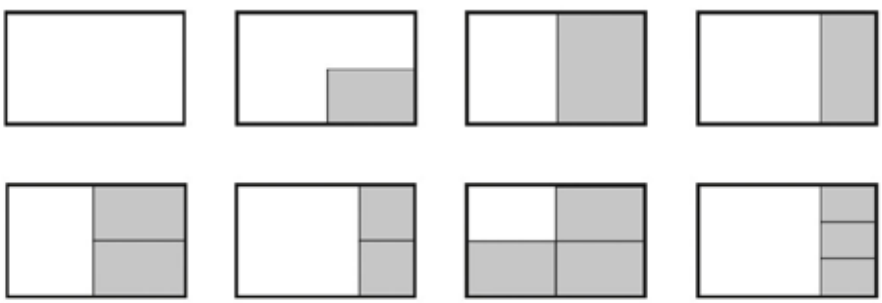
AV OVER IP MULTIVIEWER

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.

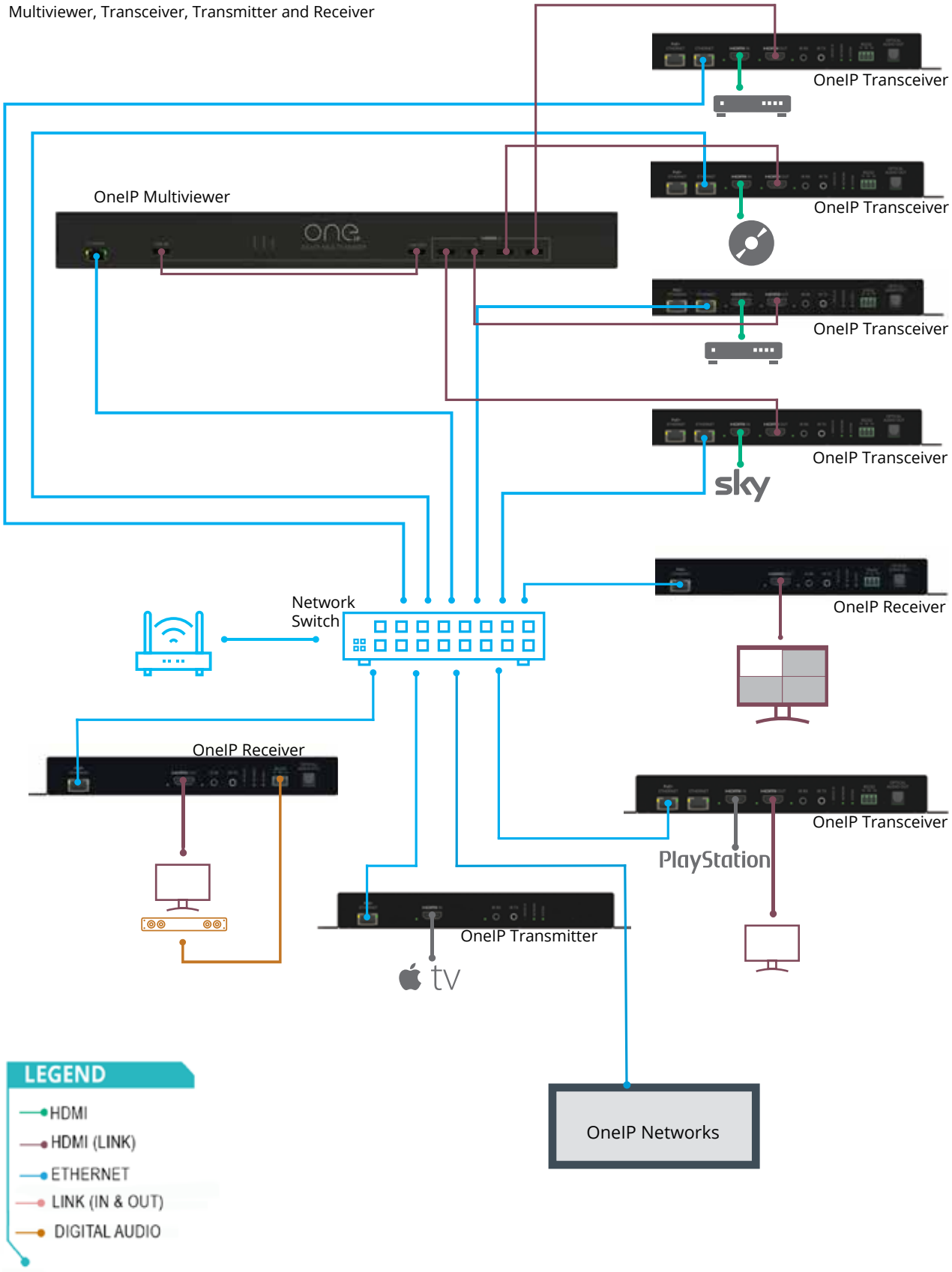
PoE+ | 1 HDMI® OUTPUT | 18GBPS HDMI® 2.0 | CLOUD MONITORING | 5 YEAR WARRANTY

OneIP Multiviewer Screen Layout



CONCEPT WIRING GUIDE

Multiviewer, Transceiver, Transmitter and Receiver



18Gbps MATRIX SOLUTIONS

HDBaseT

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

neoXSR

6X6 VIDEO & AUDIO MATRIX

P8-HDBT2-L-FFMJ66

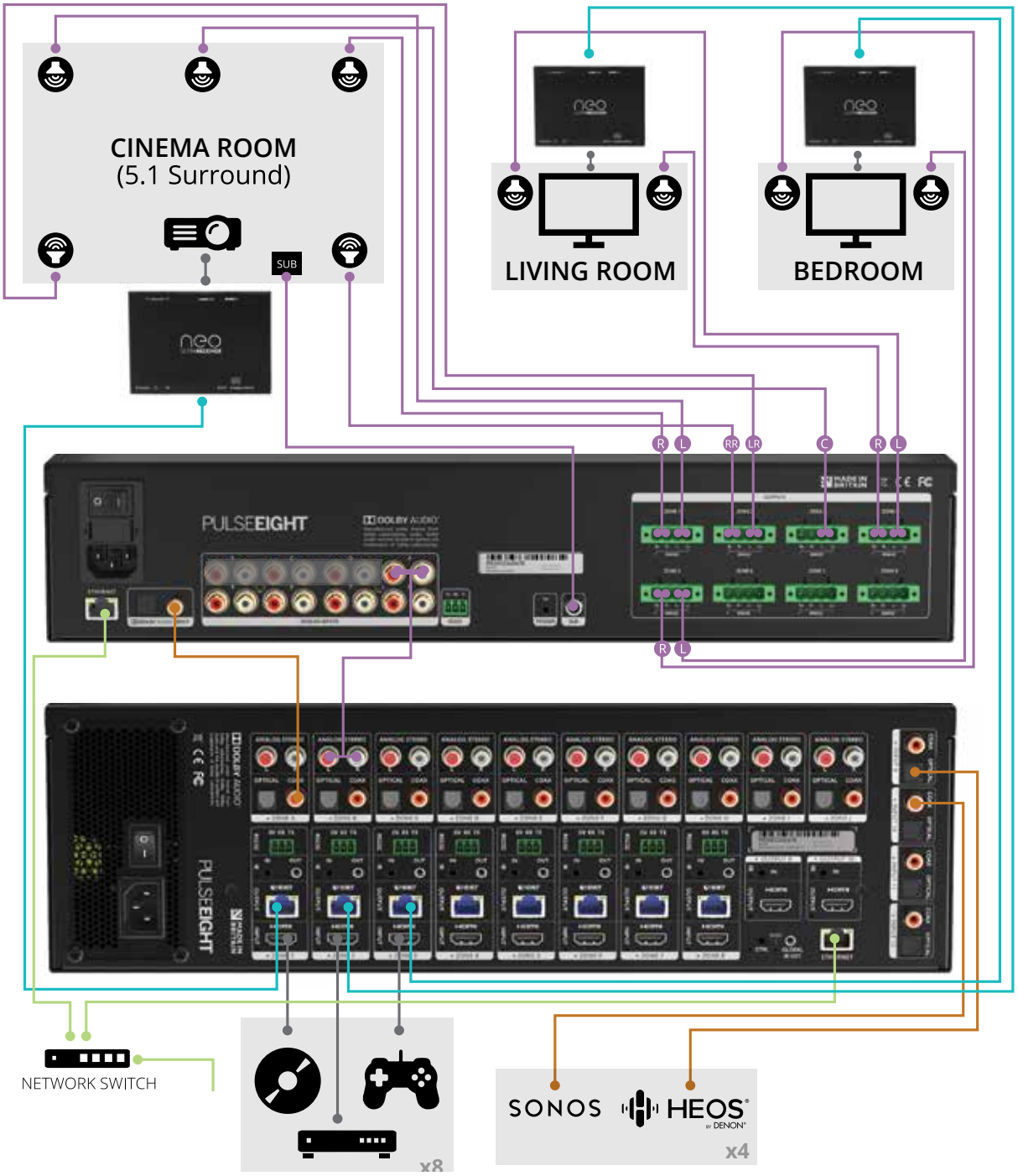
The neo:XSR Video & Audio Matrix has it all - with multiple video inputs and both video and audio outputs. Featuring 6 HDMI® inputs, 4 HDBaseT outputs and 2 HDMI® outputs alongside 6 audio output zones (with the options of Optical and Digital Coax).

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



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.

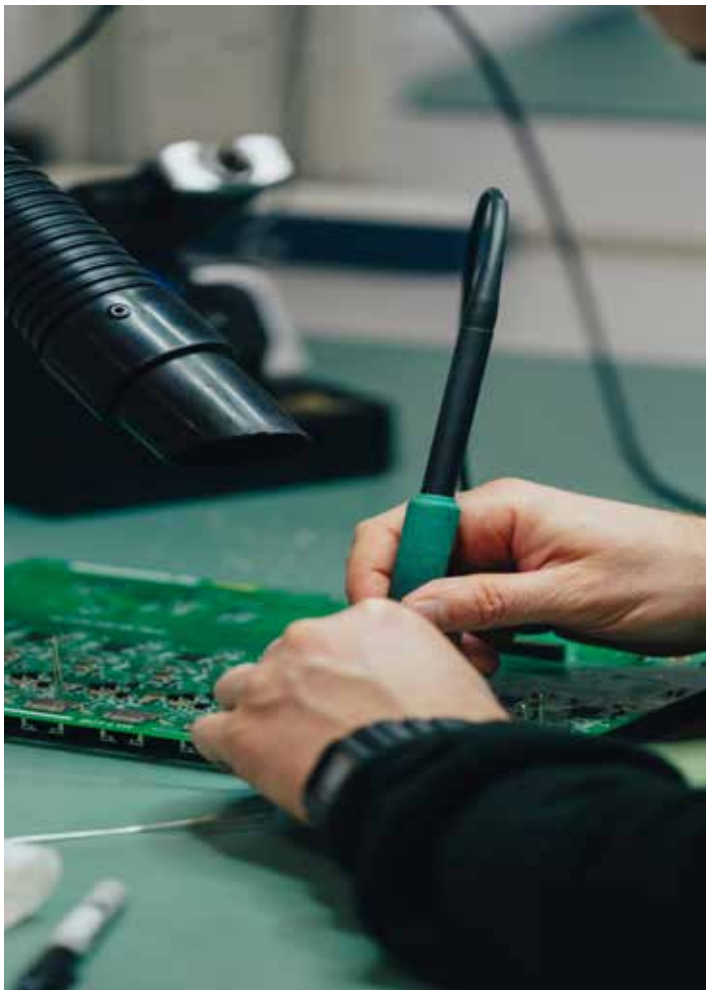
Designed with a core set of features to cover the majority of projects, the neo range represents unprecedented value. We recognise what's important to integrators, therefore we made sure our HDBaseT diagnostics and cloud monitoring are still included as standard.

4K@60HZ 4:2:0

HDBaseT DIAGNOSTICS

CLOUD MONITORING

5 YEAR WARRANTY



MATRIX SOLUTIONS

HDBaseT

8X10 VIDEO MATRIX

P8-HDBT-L-FFMN810-KIT and
P8-HDBT-L-FFMN810 Chassis-Only

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

6X8 VIDEO MATRIX

P8-HDBT-L-FFMN68A-KIT

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

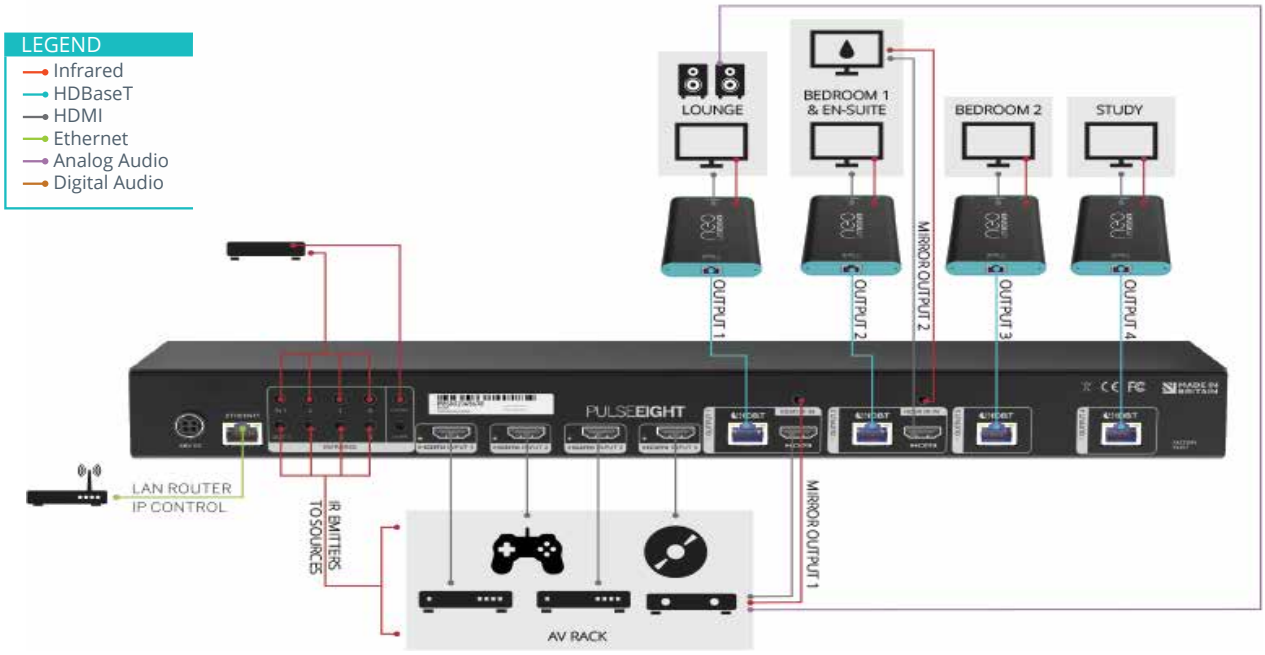
CONCEPT WIRING GUIDE

DRIVERS AVAILABLE FOR:

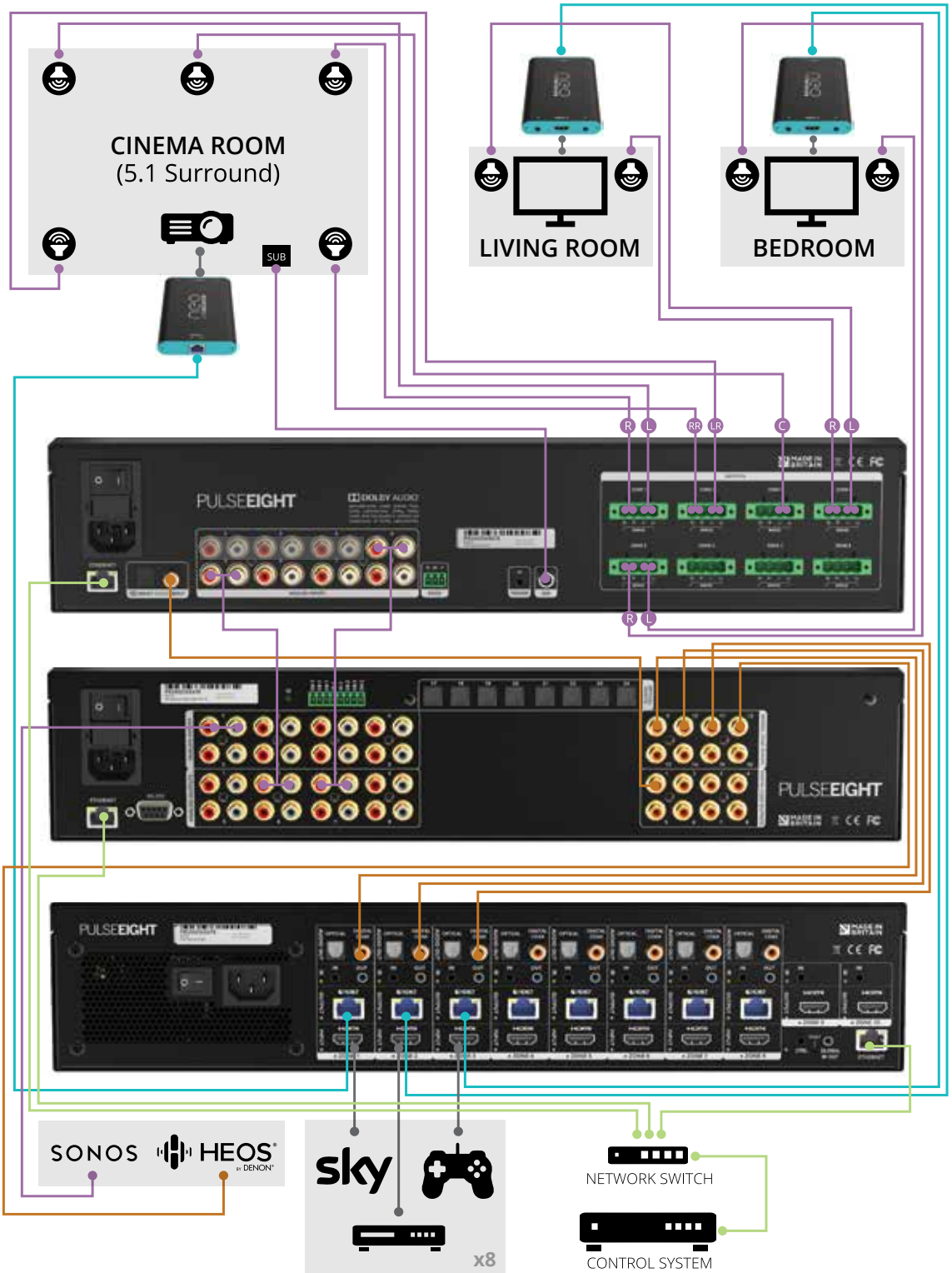
CRESTRON HOME

ELAN RTI

SAVANT Control4



CONCEPT WIRING GUIDE



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

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-L-FFMJ66	P8-HDBT-L-FFMN810-KIT and P8-HDBT-L-FFMN810 Chassis-Only.	P8-HDBT-L-FFMN68A-KIT	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	•				
	40 metres	•	•	•	•	•
1080p	100 metres	•				
	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)

DSP AUDIO MATRIX SOLUTIONS

PROAUDIO

AUDIO DISTRIBUTION MADE SIMPLE

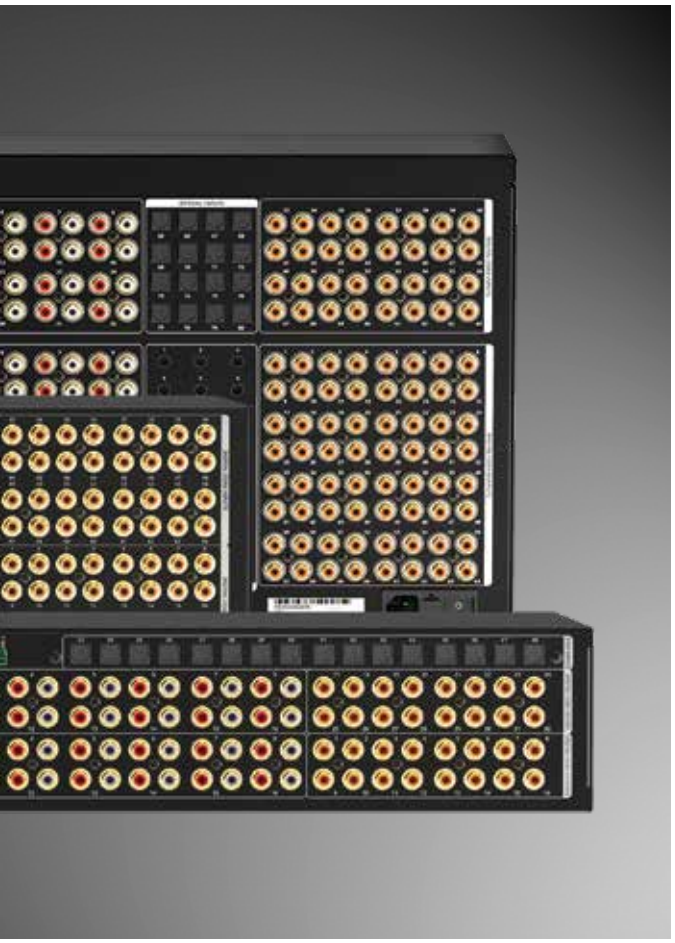
FULL DSP

LIP SYNC CONTROL

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

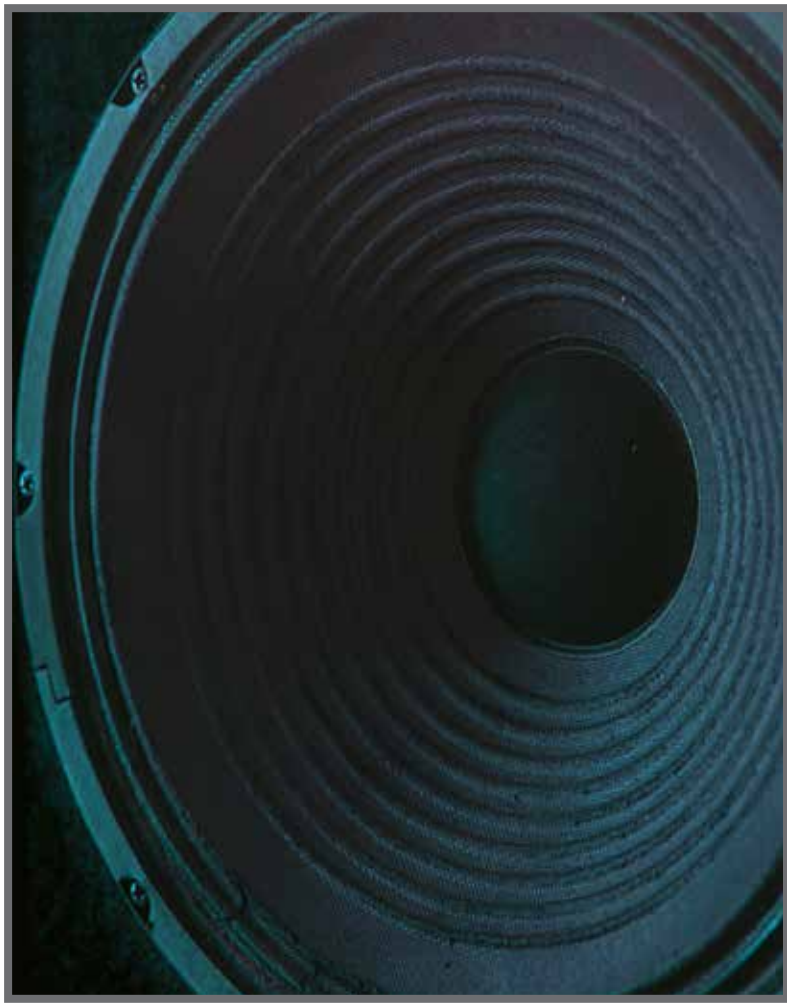
Packed with features such as lip sync delay, 5 band DSP per zone, adjustable gain, zone locking, automatic audio conversion and third party control, our ProAudio range is unrivalled.

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.



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

ProAudio32

DSP AUDIO MATRIX

P8-PROAUDIO32

80 AUDIO INPUTS

32 AUDIO OUTPUTS

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

ProAudio1632

DSP AUDIO MATRIX

P8-PROAUDIO1632

40 AUDIO INPUTS

32 AUDIO OUTPUTS

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

ProAudio16RS

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

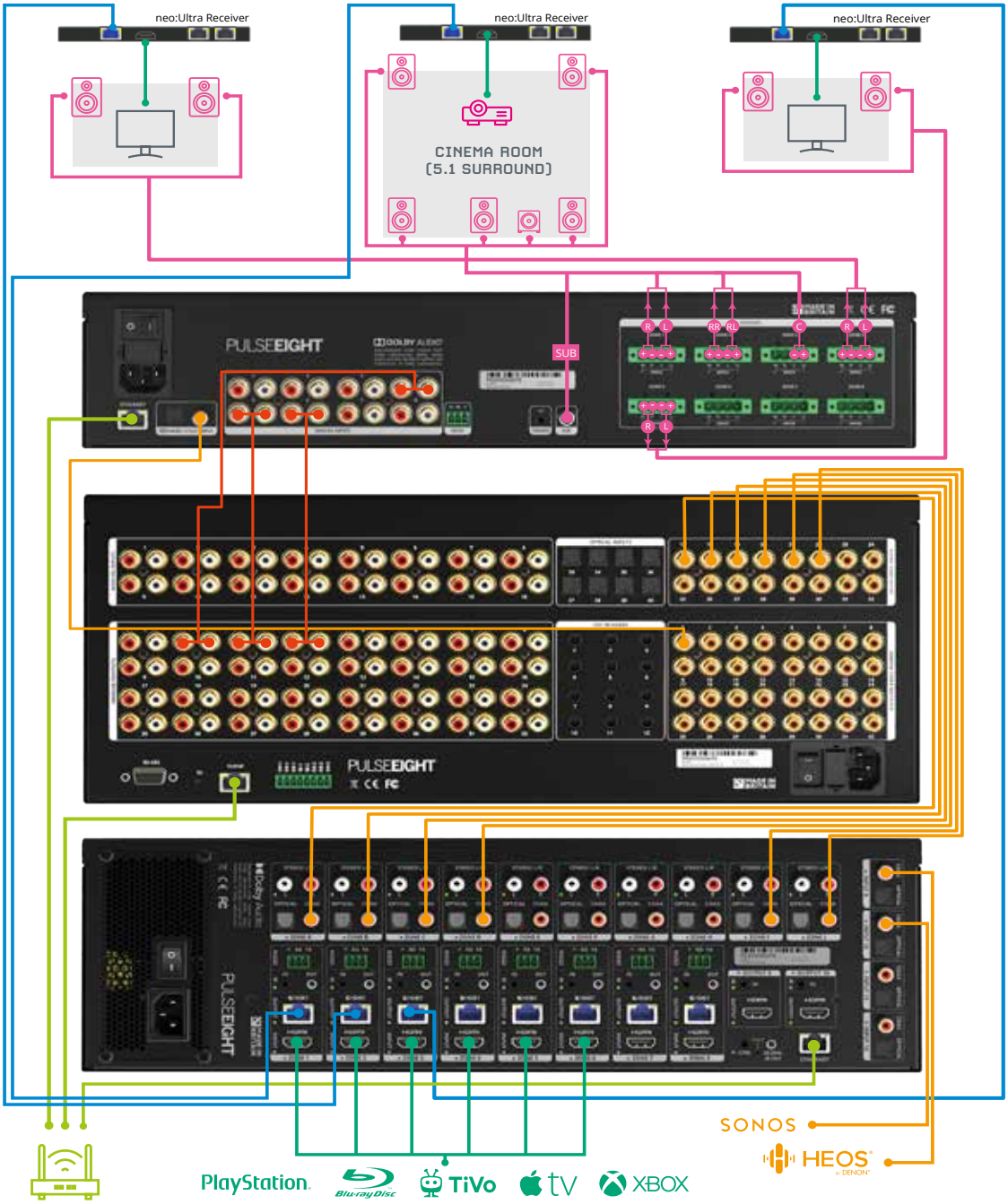
8 AUDIO OUTPUTS

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:

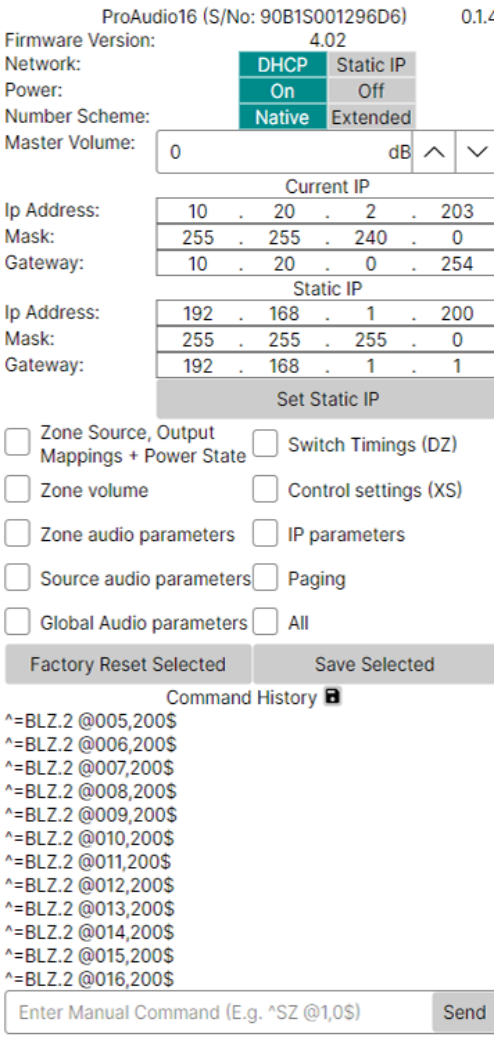
CRESTRON ELAN RTI SAVANT Control4

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.

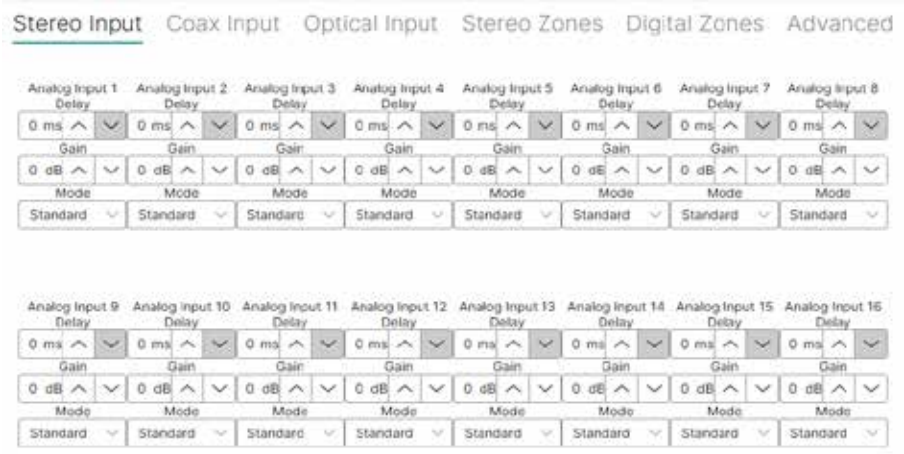
The Side Bar



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.

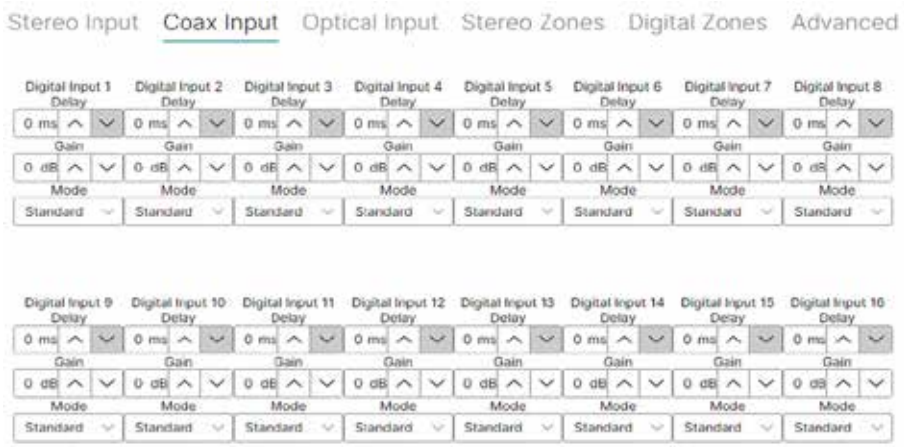
It also enables saving or resetting configurations, and offers a real-time command history for monitoring and manual control via PuTTY commands.

The Stereo Input



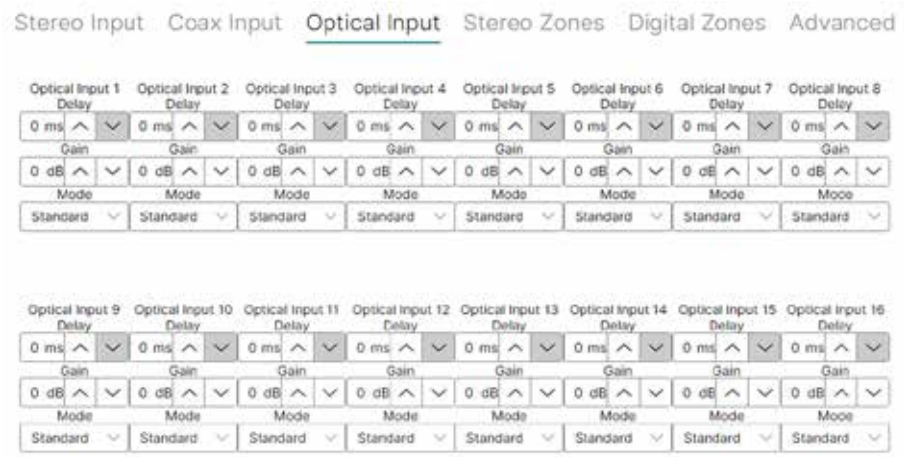
The input tabs offer source-level audio control across all outputs. Giving acess to features such as input delay for precise lip-sync correction, adjusting input gain to balance source levels and configuring audio mode options such as channel swapping or mono mixing.

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.

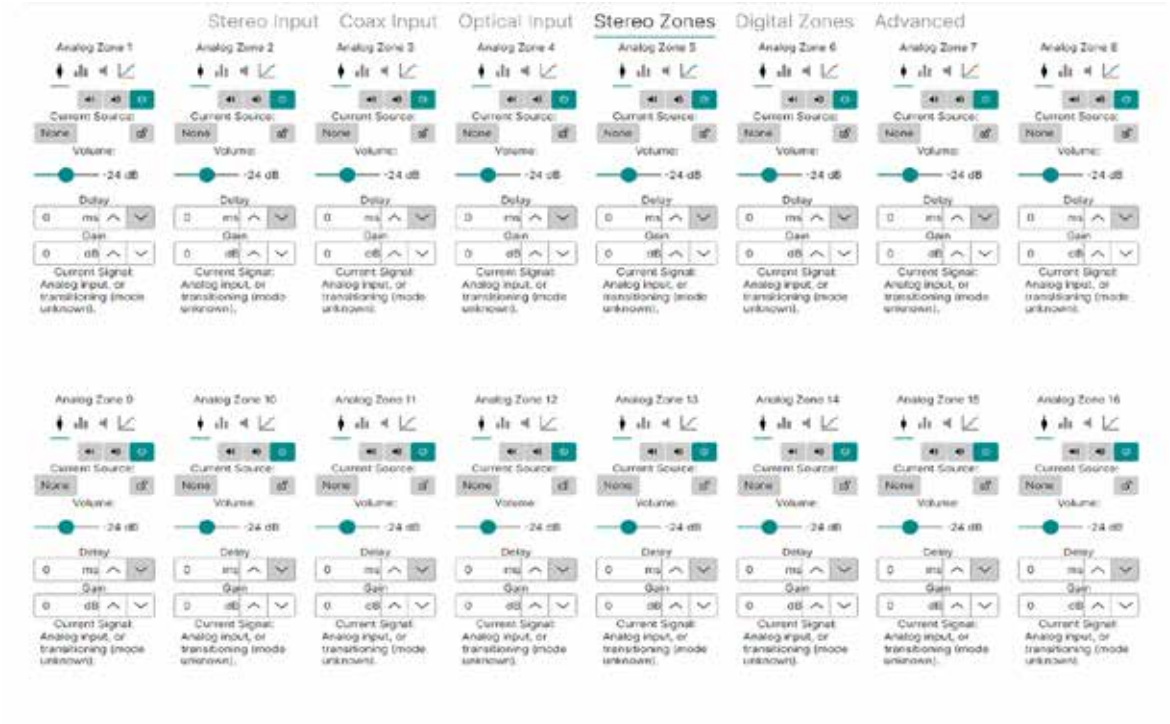
The Optical Input Tab



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

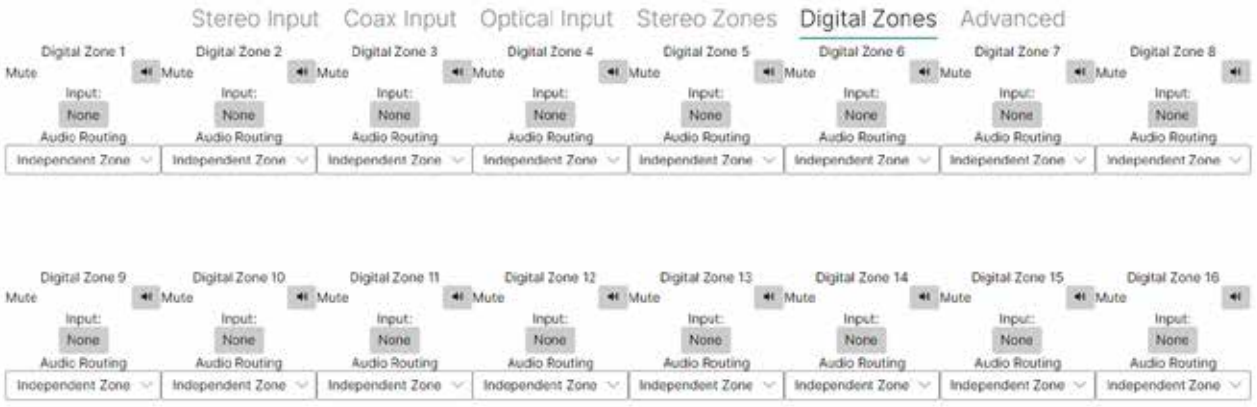
The Stereo Zones tab centralises control of analogue audio zones , giving users quick acess to manage a huge range of settings including zone power, source routing, zone locking, zone volume, zone muting, lip-sync delays, output gain, and allowing easy set up of 12v triggers with additional tabs offering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



The Digital Zones Tab

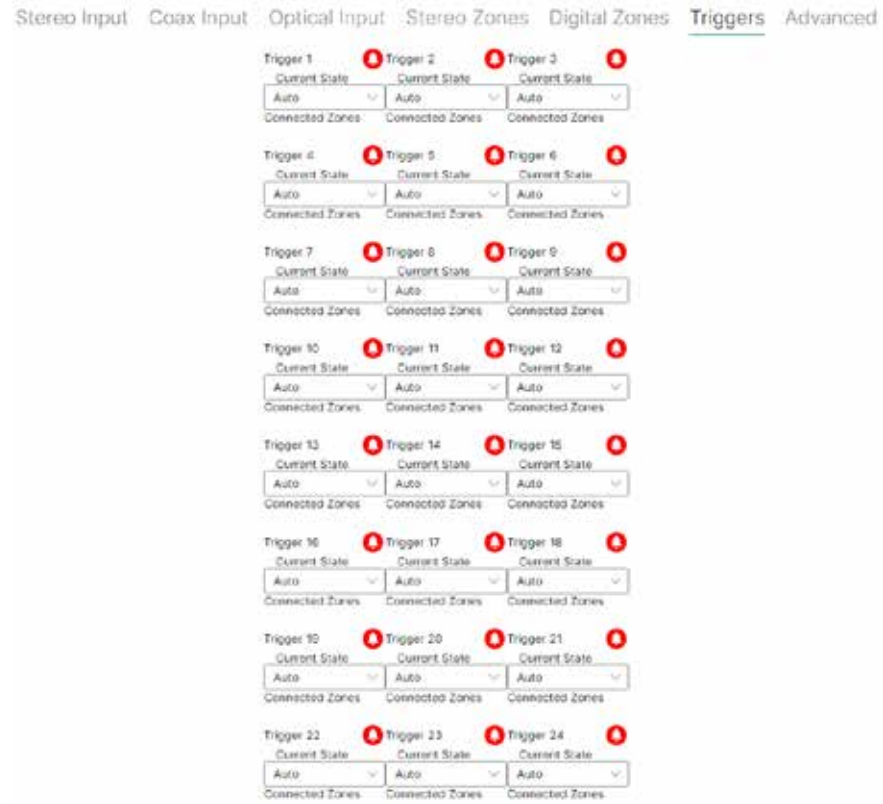
The Digital Zones tab provides streamlined control for your coaxial outputs. Ensuring quick and easy access to hard mute zones, source routing and to configure eachddigital output for independant digital switching or to be mirrored from corresponding digital zones.

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)



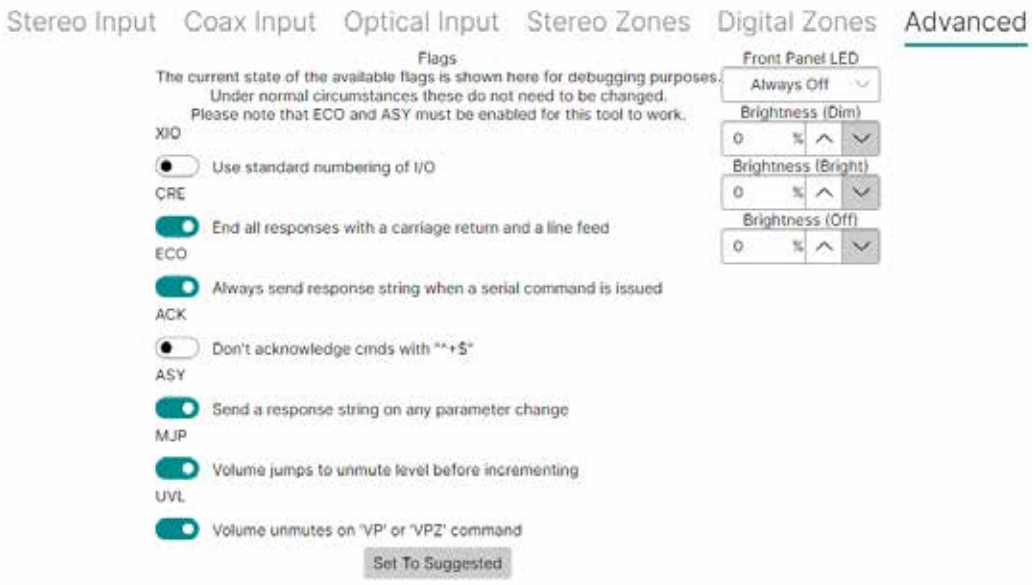
The Triggers Tab

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:lite3

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

4K — EXTEND 4K UP TO 100M

HD — 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

4K — EXTEND 4K UP TO 70M

HD — 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

4K — EXTEND 4K UP TO 40M

HD — 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 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 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

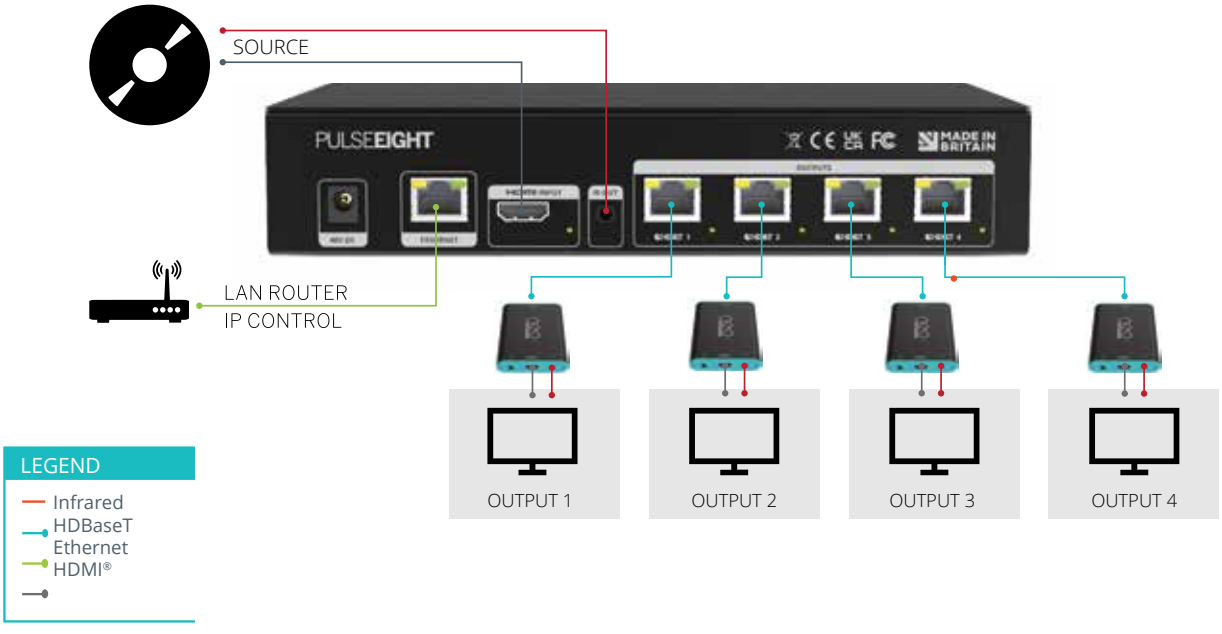
EXTEND 4K UP TO 40M

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



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

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