PULSEEIGHT

2017 PRODUCT PORTFOLIO

CONTENTS

JUST WORKS...

Since our founding in 2010, Pulse-Eight has been focused on developing new and improved ways to interact with the home. Initially this was focused on the media centre and how you get access to your content quickly. We did this by partnering with Motorola and releasing the acclaimed Motorola NYXboard Hybrid; this revolutionary remote had a standard QWERTY keyboard on the back and a normal remote interface on the front. It seems obvious now and they are available from so many different retailers.

However, our passion for solving problems and coming up with ways of making things "just work" continues today as we innovate on our market leading HDMI and HDBaseT™ products. All of our products are designed to be plug and play, so being compatible with as many possible TVs and content devices is key to ours and your success. Our web interfaces are intuitive and custom built for quick and easy operation, on any device, by even the most technophobic user.

Where possible all of our products are designed to be connected to the internet, our resilient cloud infrastructure provides you with real time monitoring of the product and connected devices. Accessible anywhere, you can fix problems without needing to go on site or involve the customer with lengthy explanations on where click and what to type!

neo

IMAGINE VIDEO THAT FITS SEAMLESSLY INTO YOUR LIFE

KEY FEATURES:

| REMOTE MONITORING | WEB INTERFACE | HDBaseT™ DIAGNOSTICS | libCEC | SATELLITE TV IP CONTROL | WORKS WITH ALEXA | 3 YEAR WARRANTY |

∩ΘΟ VIDEO MATRIXES

neo is a great way to share your games consoles, blu-ray players, set top boxes, Streaming Devices, Apple TVs, Amazon Fire TV Sticks, etc around your home, avoiding the need to purchase multiple bits of hardware that sit idle for long periods of time.

The neo range of matrixes is the perfect blend of simplicity and sophistication, we have worked alongside installers to create a matrix that is simple to set up, includes user friendly controls and enables continuous support from off-site using our unique cloud monitoring portal.

The range starts with the neo:4 Basic which is as straight forward as you need to just distribute video in the most simple of installs, with 4 HDMI inputs and 4 HDBaseT™ Class B (Lite) outputs. The neo:4 Professional is our flagship 4x4 system with 2 HDMI mirrored outputs and additional HDCP 2.2 support for 4K/Ultra HD video. The neo:8 features 8 HDMI inputs, 2 HDMI outputs and 8 HDBaseT™ Class B (Lite) outputs, perfect for the larger installation. For the more customised install the neo:Modular system enables the installer to continually upgrade and alter the setup depending on the requirements of the end user.

neo FEATURES

REMOTE MONITORING
Keep in contact with the matrix at any time, from anywhere with our cloud management service. Simply log into our cloud portal and see helpful diagnosis information to help fix any problems remotely or tell you where issues may have occurred during installation. All of this is free of charge with every matrix! If neo has a problem, we are alerted too and, if required, can contact you to arrange step by step support to get you up and running again.

WEB INTERFACE
Accessing our unique web interface couldn't be easier, simply enter in to your browser **www.gotomymatrix.com**, or download the Android app on any device connected to the same network - It will automatically send you to the web interface and display the right version for your device - Simple! We want to give you the best experience possible, to do this, we think it's important you can access neo from any device, be it mobile, tablet or laptop.

libCEC
Most TVs now support CEC and we are world experts in CEC technology - meaning you can can now use your normal TV remote to control and select source devices, even if the source does not support CEC itself as neo will automatically relay the necessary messages to your source device.

DTV/DISH IP CONTROL *NEW FOR 2017 Q3*
If you are in the know then you might be thinking that DTV/Dish doesn't support CEC? And you would be correct. However we have implemented IP control with dynamic forwarding. This means that you can now control DTV/Dish via CEC! IP Based Dish/DTV control is a first for a matrix and removes the need for any IR control in your system, removing that annoying weak link in your setup*

WORKS WITH ALEXA *NEW FOR 2017*
With the neo Alexa skill enabled on your Amazon Echo or Amazon Dot you can use voice commands to control devices connected to a neo:4 Professional or neo:8* matrix. Fully certified by Amazon, this integration is native to Alexa and requires no configuration.

*Not currently supported on the neo:Modular

FULLY COMPATIBLE

Drivers are available for all major control systems including AMX, Crestron, Control 4, ELAN g!, RTI and URC. All CEC features are exposed in the drivers which allows you to create powerful control experiences and ensure full compatibility with home automation products.

BUILT IN BRITAIN

Everything that we design, we manufacture and support ourselves, all from our 12,000 sq ft facility in Poole, Dorset in the UK. Our production team is passionate about perfection and each system goes through an extensive series of quality tests before it's hand packed and shipped to you ensuring what you receive is ready for prime time.

MATRIXOS

At the core of neo is MatrixOS, the beating heart of our 340Mhz video processing unit. Providing you with instant access to all of your connected source devices in stunning 4K Ultra HD, 1080p or 3D. This powerhouse helps to create a "just works" solution, from dynamically generating EDIDs (to ensure the best video quality to every TV) right through to handling software updates for the HDBaseT™ link.

CONTEXTUAL IR

You can easily program the matrix to respond to different IR codes, it's simple to do via our built in web interface. Just point the remote at an IR receiver and press the key. Each key is memorized for you to assign to an account, be it routing video to your display or sending a control message to a connected device.

3 YEAR WARRANTY

All of our matrixes come with a free standard 3 year warranty as standard, whereby if at any point during the warranty the unit becomes faulty you can return it back to us for repair. However, you may wish to take advantage of our advanced 3 year warranty or extended 5 year warranty.

neo
Works with Alexa

Continuing to future-proof installations is at the forefront of Pulse-Eight's ethos, including enabling voice control using an Amazon Echo, allowing the user to speak to 'Alexa' to control the system.

With the neo Alexa skill enabled on your Amazon Echo or Dot you can use commands to turn a certain TV on or off or to switch source devices.

Imagine walking out of the lliving room at night to continue watching TV in bed, you can simply say *'Alexa, turn off living room'* then *'Alexa, turn on cable box in bedroom'* and without having to lift a finger the matrix will make your requests happen, including turning on the bedroom TV and switching to the input source with one command.

neo: PROFESSIONAL

Our award winning flagship 4x4 HDBaseT™ matrix, neo:4 Professional, provides all that our basic, entry level, matrix does, plus it features two mirrored HDMI outputs, full CEC control, programmable IR, HDMI 2.0a and HDCP 2.2 support for 4k Ultra HD video.

SPECIFICATIONS

SKU	P8-HDBT-L-FFMS44-22
Dimensions	W 43 / H 4.3 / D 14cm
Weight	2.05kg
Inputs	4x HDMI 2.0a
Outputs	4x HDBaseT™ Class B (Lite) + 2x Mirrored HDMI
Material	Smooth Textured Powder Coated Steel

neo BASIC

Our entry level 4x4 HDBaseT™ matrix represents the culmination of 4 years of hardware and software development at Pulse-Eight to refine our HDBaseT™ video matrix solutions to ensure they offer you exactly what you need, whether you're a professional AV installer or a residential user. With 4 HDMI inputs and 4 HDBaseT™ outputs, the system supports video up to 1080p.

SPECIFICATIONS

SKU	P8-HDBT-L-MB44
Dimensions	W 43 / H 4.3 / D 14cm
Weight	2.05kg
Inputs	4x HDMI
Outputs	4x HDBaseT™ Class B (Lite)
Material	Smooth Textured Powder Coated Steel

With neo:8 we have continued to break the mould and integrate seamless control into the package. Starting with Pulse-Eight's flagship control technology – CEC, this allows any supported TV to send key presses from the original TV remote through the HDBaseT™ link and the neo:8 will route these messages to the connected source devices.

The neo:8 actually has 10 outputs! 8 HDBaseT™ Class B (Lite) PoH ports and 2 HDMI boosting the number of zones video can be sent too. The system also gains a completely new way of handling mirrored outputs, you can now dynamically chain together as many outputs as you like saving valuable setup time. What's more, bi-colour LEDs for each zone indicates the flow of IR signals and the direction of flow.

SPECIFICATIONS

SKU	P8-HDBT-L-FFMB810
Dimensions	W 43 / H 9 / D 29.5cm
Inputs	8x HDMI 2.0a
Outputs	4x HDBaseT™ Class B (Lite) & 2x HDMI 2.0a
Material	Smooth Textured Powder Coated Steel

neo
MODULAR

neo:Modular is our award-winning, premium range of customisable HDMI matrix switchers capable of routing, switching and distributing high-bandwidth signals, up to and including Ultra HD Premium.

Our modular matrix is designed exclusively for the custom installer, our powerful 340Mhz backplane supports the latest video standards in the market today. With neo:Modular you can mix and match input and output module types to custom build your matrix to the required size and specification, and even integrate a remote source away from the rack. All of the input and outputs are interchangeable and upgradable, with modules supporting HDMI 2.0a, HDCP 2.2, 100m and 70m HDBaseT™ streams. With the opportunity to stack two or more systems together, you can also create larger matrixes.

SPECIFICATIONS

SKU	P8-MM88
Dimensions	W 43 / H 9 / D 41.5cm
Weight	7kg +
Inputs	Up to 8 modules
Outputs	Up to 8 modules
Material	Smooth Textured Powder Coated Steel

MODULES

SPECIFICATIONS

HDMI INPUT/OUTPUT

Dimensions	W 3.8 / H 3.8 / D 15cm
Weight	0.11 kg
Input or Output	1x HDMI

HDBaseT™ PRO INPUT

Dimensions	W 3.8 / H 3.8 / D 15cm
Weight	0.10 kg
Output	1x HDBaseT™ Class A (Pro)

HDBaseT™ LITE OUTPUT

Dimensions	W 3.8 / H 3.8 / D 15cm
Weight	0.10 kg
Output	1x HDBaseT™ Class B (Lite)

HDMI 2.0a INPUT

Dimensions	W 3.8 / H 3.8 / D 15cm
Weight	0.10 kg
Output	1x HDMI 2.0a

HDMI 2.0a OUTPUT

Dimensions	W 3.8 / H 3.8 / D 15cm
Weight	0.10 kg
Output	1x HDMI 2.0a

HDBaseT™ PRO OUTPUT

Dimensions	W 3.8 / H 3.8 / D 15cm
Weight	0.10 kg
Output	1x HDBaseT™ Class A (Pro)

neo
PDU 8

Source device crashed? Not at site? Reboot devices remotely from your phone or even let your client fix issues themselves. Connects seamlessly with neo Matrixes for zero config deployment.

The neo:PDU system is designed to take the worry of unstable source devices out of the equation when implementing a custom install project. The neo:PDU is not a PDU in the traditional sense, it is designed to be paired with a neo:4 Professional or neo:Modular matrix system. All management of the PDU is done through the matrix or via the cloud monitoring portal.

This simplified setup removes the need to spend countless hours defining APIs for a control system to hook into, creating VPNs or other advanced network solutions just to give you the installer the power to remotely reboot a source device that has crashed.

Each neo:PDU automatically negotiates a connection to the cloud monitoring portal via the locally connected neo matrix. You don't need to do anything else. Once connected you can reboot source devices by simply clicking a button next to each source device in the web app inside the matrix. What's more this capability is available to your client to safely use without having to worry that they will cause more harm than good.

neo
PDU 8

The neo:PDU is the most convenient, reliable and cost effective way to ensure that you and your client will get 100% up time of their installation and saving you from expensive and frustrating site visits to remove a power cable and reinsert.

SPECIFICATIONS

SKU	P8-PDU8
Dimensions	W 43 / H 4.3 / D 14cm
Weight	2.71 kg
Inputs	1x C20, 1x Ethernet
Outputs	8x C14
Material	Smooth Textured Powder Coated Steel

REMOTE MONITORING

We understand that an end user never sees our product, but it's one of the most important in an installation. When they can't get a picture on a TV it's the first thing everyone blames. Often it's not the matrix's fault and when you get to site after clearing your entire diary that afternoon, to see the installation you quickly realise that the satellite box is just on standby...

ANY TIME FROM ANYWHERE

How do you handle user error? Do you invoice them for an afternoon call-out to push the on button or do you admit defeat and try to remind them to check if the device is turned on before calling you next time and say "don't worry, no charge!" in the hope of an improved relationship and additional work in the future? It's a common scenario that we've come across time and time again and heard all too often.
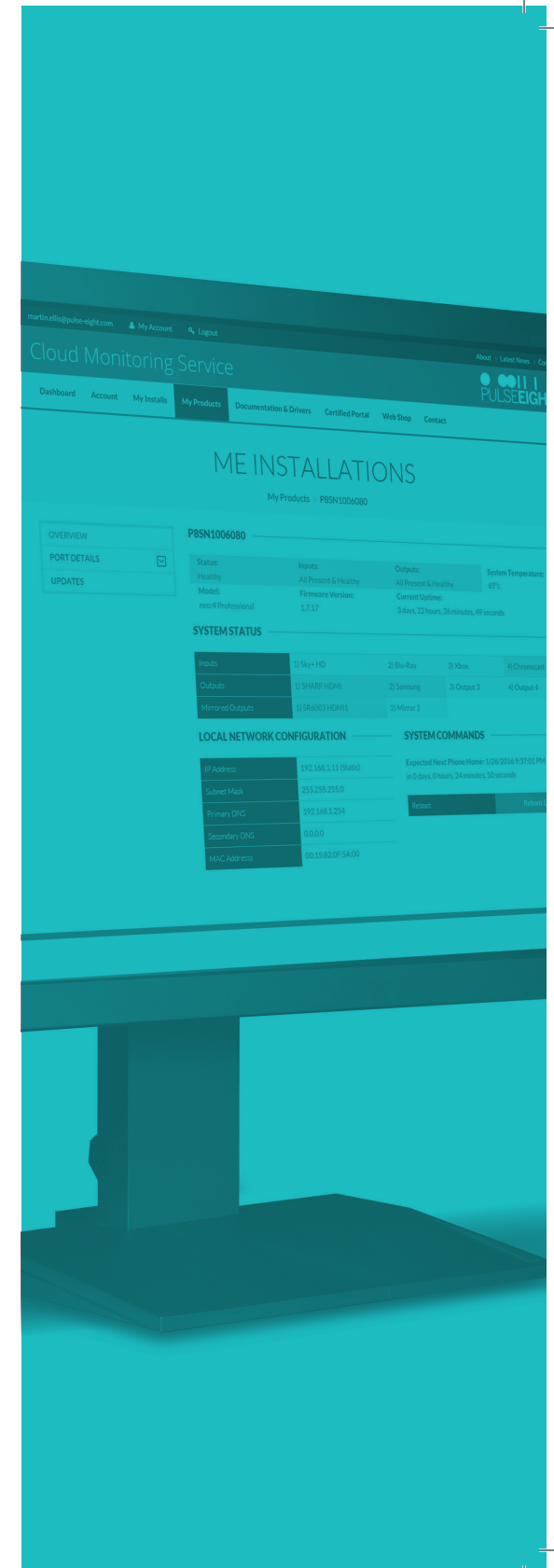
With neo we wanted to be smarter and provide a way for you to know what is happening at an installation without the need to deploy expensive monitoring equipment on-site. Every hour, neo phones home to our cloud network. It tells us which room is watching which input and what that input is doing, if it's receiving content from that satellite box and if the TV in the room the end user is trying to watch is even turned on! Historical data is tracked so abnormal behaviour can be found to avoid the site visit. This information is available for free via your own personalised monitoring portal, accessible from anywhere in the world. Avoid the need to make an expensive house call to fix a simple issue and carry on with your hectic day.

JUST INSTALLED

Another common issue we've heard about is a new installation going wrong straight after you've finished. You go back to site and find after 3 days of investigation (and lots of wasted cost) that the builder came back after you finished and put a nail through your neatly laid network cable or they wrapped an electrical cable around a wall plate.

With our monitoring platform, neo will report on the cable and termination quality for every HDBaseT™ link. It's possible to find out where in a cable run the problem is (how many meters along) or which one (or more) of the pairs are not terminated correctly. This can save hours of wasted investigation, what's better is its all free and available across our entire product line.

WEB INTERFACE

Customers are as demanding as ever, the number of control surfaces available to them continues to grow. neo works with them all... phone, tablet, laptop. neo's responsive web app loads instantly on all devices connected to the same local network simply by visiting **www.gotomymatrix.com**, ensuring easy access for all users.

HOWEVER TRICKY THE USER, WE HAVE A CONTROL SOLUTION

neo is designed for the home, we know that everyone has a different preference when controlling their media. From a simple remote to the most complex smart phone. When it comes to the digital interfaces, neo works with them all. Our responsive web app design scales from the very small to the very large without compromising on usability.

CAN'T FIND THE REMOTE? DON'T WORRY!

neo's web interface has a virtual remote control quickly accessible that instantly allows the user to control the TV and the source device you are watching. You don't need to select the type of device you're watching. neo knows, and more importantly doesn't need to ask the user. From a simple drop down menu you can also change the input by selecting a different connected source from the list.

With the use of CEC you can control compatible devices enabling you to navigate menus, rewind and fast forward and even turn TVs on or off.

ADMIN AREA

Setup of a neo system is plug and play, but in the rare occasion you need to do something specific such as rename devices. The web interface has everything you need to tweak every aspect of the system. This area is hidden from normal use so your end users don't accidentally make a change they shouldn't.

The admin area also allows access to tools such as system health and front panel configuration along with information about your system including MAC address and firmware versions.

neo
SPLITTERS

Our neo splitters have been created for the sole purpose of splitting a video input between multiple outputs in a reliable and convenient solution.

Distributing high speed HDMI 2.0a, 4K Ultra HD Premium and 4:4:4 (6Gbps) video simultaneously, the neo range includes HDMI splitters for 2 and 8 outputs and a HDBaseT™ system which provides a cost effective way to distribute video output to up to 4 outputs at a longer distance than HDMI produces.

This range of practical, high specification splitters cater for the very latest HD products coming into the market for today's and tomorrow's technologies. All of our neo HDMI splitters support the latest high-speed bandwidth formats. Additionally, externally, each splitter has LED indicators to let you know which outputs are connected, contributing to the ease of installation. All HDMI neo splitters are HDCP 2.2 Compliant while also catering for legacy HDCP sources and displays, which ensures the range is perfect for a host of applications within new and existing HD installations.

HDBaseT™ 1-4 SPLITTER
The neo HDBaseT™ 1:4 Splitter is a perfect solution to share a single source around a home at distances up to 70m (1080p), rack mountable in a 1U form. Featuring the same MatrixOS core as the neo matrix family, you get full monitoring and CEC control of the source and sink devices. Ideal for remote power management and avoiding localised IR buds at the TV end for control.

neo

1-4 HDBaseT™ SPLITTER

SPECIFICATIONS

SKU	P8-HDBT-L-SP14
Dimensions	W 18.6 / H 4.3 / D 21.8cm
Inputs	1x HDMI
	1x Ethernet
Outputs	4x HDBaseT™ Class B (Lite)
Material	Smooth Textured Powder Coated Steel

neo

1-2 HDMI SPLITTER

SPECIFICATIONS

SKU	P8-HDMI-SP2
Dimensions	W 10.5 / H 2 / D 5.1cm
Weight	0.13 kg
Inputs	1x HDMI 2.0a
Outputs	2x HDMI 2.0a
Material	Smooth Textured Powder Coated Steel

neo

1-8 HDMI SPLITTER

SPECIFICATIONS

SKU	P8-HDMI-SP8
Dimensions	W 31 / H 2.6 / D 9.3cm
Inputs	1x HDMI 2.0a
Outputs	8x HDMI 2.0a
Material	Smooth Textured Powder Coated Steel

neo
HDMI® EXTENDERS
OVER SINGLE CAT5E/CAT6

LITE 70M END POINTS WITH BI-DIRECTIONAL IR

Keep it simple at an affordable price, that was our motto when building the Lite Extender Kit, whilst also providing stunning Ultra HD Premium video transmission over distances of up to 70 metres. Using HDBaseT™ technology, this HDMI extension solution offers an ideal budget solution for custom A/V installers and home theatre enthusiasts to project content over long distances without compromising audio or video quality.

This discrete solution is ideal for when you need a simple point to point relay. Both units have bi-directional IR and a wall mounting solution built into their compact all metal enclosures. Fully HDCP 2.2 compliant transmission means source video content can be stored in a dedicated rack away from the viewing location; and control is provided via built-in support for CEC transmission and IR relay.

PRO 100M END POINTS WITH BI-DIRECTIONAL SERIAL AND IR

For those times when 70metres is not quite enough, the neo Pro Transmitters and Receivers enable you to reach distances of up to 100meters. With Ethernet ports, a single Cat5e cable is able to carry Ultra HD video and a LAN connection which cuts down the need for extra cabling or when an existing cable is damaged and repair is not possible.

Using PoH (Power over HDBaseT™) the Transmitter can provide power to the receiver which cuts down on an extra power point. For those of you looking for added control routing, other than the useful bi-directional IR, the Pro Extender Set also supports RS232 for further control of displays or AV receivers etc.

neo
HDBaseT™ LITE

neo
HDBaseT™ PRO

SPECIFICATIONS

TRANSMITTER

SKU	P8-HDBT-L-RX-S
Dimensions	W 10.1 / H 3.3 / D 6.5cm
Weight	0.16 kg
Inputs	1x HDMI 2.0a
Outputs	1x HDBaseT™ Class B (Lite)
Material	Smooth Textured Powder Coated Steel

RECEIVER

SKU	P8-HDBT-L-TX-S
Dimensions	W 10.1 / H 3.3 / D 6.5cm
Weight	0.17 kg
Inputs	1x HDBaseT™ Class B (Lite)
Outputs	1x HDMI 2.0a
Material	Smooth Textured Powder Coated Steel

SPECIFICATIONS

TRANSMITTER

SKU	P8-HDBT-P-RX-RS-S
Dimensions	W 11.2 / H 3.2 / D 8.5cm
Weight	0.33 kg
Inputs	1x HDMI 2.0a
Outputs	1x HDBaseT™ Class A (Pro)
Material	Smooth Textured Powder Coated Steel

RECEIVER

SKU	P8-HDBT-P-TX-RS-S
Dimensions	W 11.2 / H 3.2 / D 8.5cm
Weight	0.17 kg
Inputs	1x HDBaseT™ Class A (Pro)
Outputs	1x HDMI 2.0a
Material	Smooth Textured Powder Coated Steel

PULSE**EIGHT**
AUDIO SOLUTIONS

DOLBY DIGITAL DOWN-MIXER

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. Stereo output signals can then be fed to external devices such as an amplifier, Hi-Fi, recording deck, or powered speakers via standard phono style (RCA) jacks. It ensures an reliable transition from modern digital sources, such as DVD and Blu-Ray players or AppleTV, to analogue sound systems. With both inputs and outputs for coaxial and optical connections, it provides the perfect solution for audio conversion requirements.

DOLBY DIGITAL DOWN-MIXER WITH UHD 4K DOWNSCALE & HD UPSCALE

The ability to support a combination of 4K and 1080p HD displays within the same distribution is vital, especially when resolution conflicts that effect systems, including screens of different capabilities, are considered. The P8-HDMIDAC video scaler and digital 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 display capabilities. This product is the ideal solution to accommodate both HD and 4K sources and displays within a multi-zone distribution system.

STEREO AUDIO DELAY

Lip sync is always an issue when introducing ceiling speakers or simply not using the TV's built-in speakers to render audio. Lip sync issues are caused when the audio device is able to render the audio much faster than the presentation device. The P8-AD340 is a perfect solution to this problem with 20 millisecond increments from its 16-way selector you can delay the audio from 20-340ms.

DIGITAL AUDIO OVER CAT5E/6 EXTENDER

Video isn't the only data you need to move around an installation, audio is just as important. Our new P8-AE-CAT-EXSET is perfect to move Digital Audio over upto 250m of Cat5e or above structured cabling. Supporting Dolby Digital or PCM audio up to 6 channels.
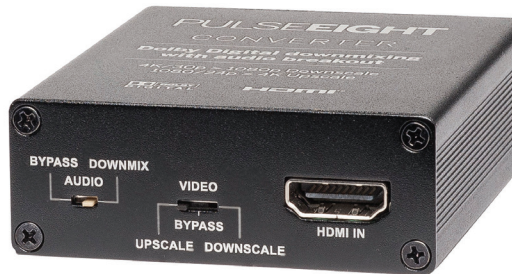
CONVERSION
DOLBY DIGITAL DOWN-MIXER

SPECIFICATIONS

SKU	P8-P8-DDAC
Dimensions	W 6.4 / H 2.4 / D 7.5cm
Weight	0.96 kg
Inputs	Coaxial, Optical
Outputs	L/R Phono,
Material	Extruded Aluminium

MANIPULATION
DOLBY DIGITAL DOWN-MIXER
WITH UHD 4K DOWNSCALE & HD UPSCALE

SPECIFICATIONS

SKU	P8-HDMIDAC
Dimensions	W 6.4 / H 2.4 / D 7.8cm
Weight	0.84 kg
Inputs	HDMI 2.0a
Outputs	HDMI 2.0a, 3.5mm Stereo
Material	Extruded Aluminium

MANIPULATION
STEREO AUDIO DELAY

SPECIFICATIONS

SKU	P8-AD340
Dimensions	W 6.4 / H 2.4 / D 7.5cm
Weight	0.96 kg
Inputs	L/R Phono
Outputs	L/R Phono
Material	Extruded Aluminium

TRANSMISSION
DIGITAL AUDIO OVER CAT5E/6 EXTENDER

SPECIFICATIONS

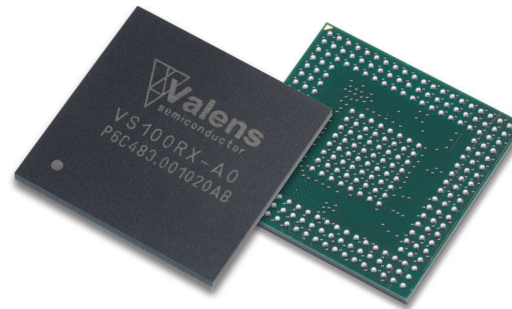|	
SKU	P8-AE-CAT-EXSET
Dimensions	W 6.4 / H 2.4 / D 7.5cm
Weight	0.96 kg
Inputs/Outputs	Coaxial & S/PDIF -
Material	Extruded Aluminium

CORE TECHNOLOGIES

HDBaseT™ is the global standard for the transmission of ultra-high-definition video & audio, Ethernet, controls, USB and up to 100W of power over a single cable, for up to 100m/328ft. HDBaseT™ eliminates cable clutter without compromising performance or quality and is the heart of our video transmission technology.

HDBaseT™ ALLIANCE

The HDBaseT™ Alliance is a not-for-profit organization tasked with promoting and advancing HDBaseT™ technology as the global standard for ultra-high-definition, digital connectivity.

Pulse-Eight is proud to have been one of only a few contributor members of the alliance which reinforces our knowledge of the technology, increasing our capabilities within our products. By working closely with the alliance we are able to ensure our products are up-to-date with the latest HDBaseT™ technology

DISPLAY STREAM COMPRESSION

HDBaseT™ is a fantastic solution for distributing lossless video around a home. However with the rapid adoption of HDR (High Dynamic Range) and 4K/Ultra HD content the bandwidth requirements have nearly doubled outstripping the capabilities of the current generation of HDBaseT™ chipsets. While new chips are under development we've turned our focus to develop solutions that can work within current limitations.

DSC (Display Stream Compression) is a new technology that can provide 2:1 and 3:1 real time line by line compression of a video signal while ensuring a visually lossless result. This means that we are able to pack far more data into the same "pipe" and provide you and your customers with an awesome viewing experience. Today.

Throughout 2017, Pulse-Eight will be phasing in this technology to its line of extender sets and video matrix solutions, this technology will augment our pioneering, award winning and class leading matrix solutions that we already have on offer.

CEC
ULTIMATE CONTROL

CEC (Consumer Electronics Control) is a universal control bus found in HDMI equipment. It allows a user to effortlessly control their viewing experience with a single remote control. With no setup required, it is the ideal way to provide control between TV and source equipment.

Our hardware and software technology allows you to build exciting new user experiences on top of hardware that does not already have support directly for HDMI-CEC. This includes most motherboards found in home theatre PCs (HTPC) and digital signage equipment. Hundreds of companies already use our software to improve their products and tens of thousands of users improve their home viewing experience with our hardware adapters.

LIBCEC
libCEC is an enabling platform for the CEC bus in HDMI, it allows products to interact with other HDMI devices without having to worry about the communication overhead, handshaking and the various ways of sending a message for each vendor. libCEC is included in all of our flagship video matrix solutions as standard, thus ensuring there are no problematic setups and enabling a simple approach to connecting various branded devices through a single matrix.

Pulse-Eight has developed libCEC over several years while working at the heart of the HDMI technical body, with over 80 of the world's leading electronics companies. As one of the major contributors to the HDMI Forum (a body set up to lead the development of the HDMI specification) these companies turn to Pulse-Eight as a world leader in HDMI-CEC domain knowledge to help drive forward the future development of this exciting technology.
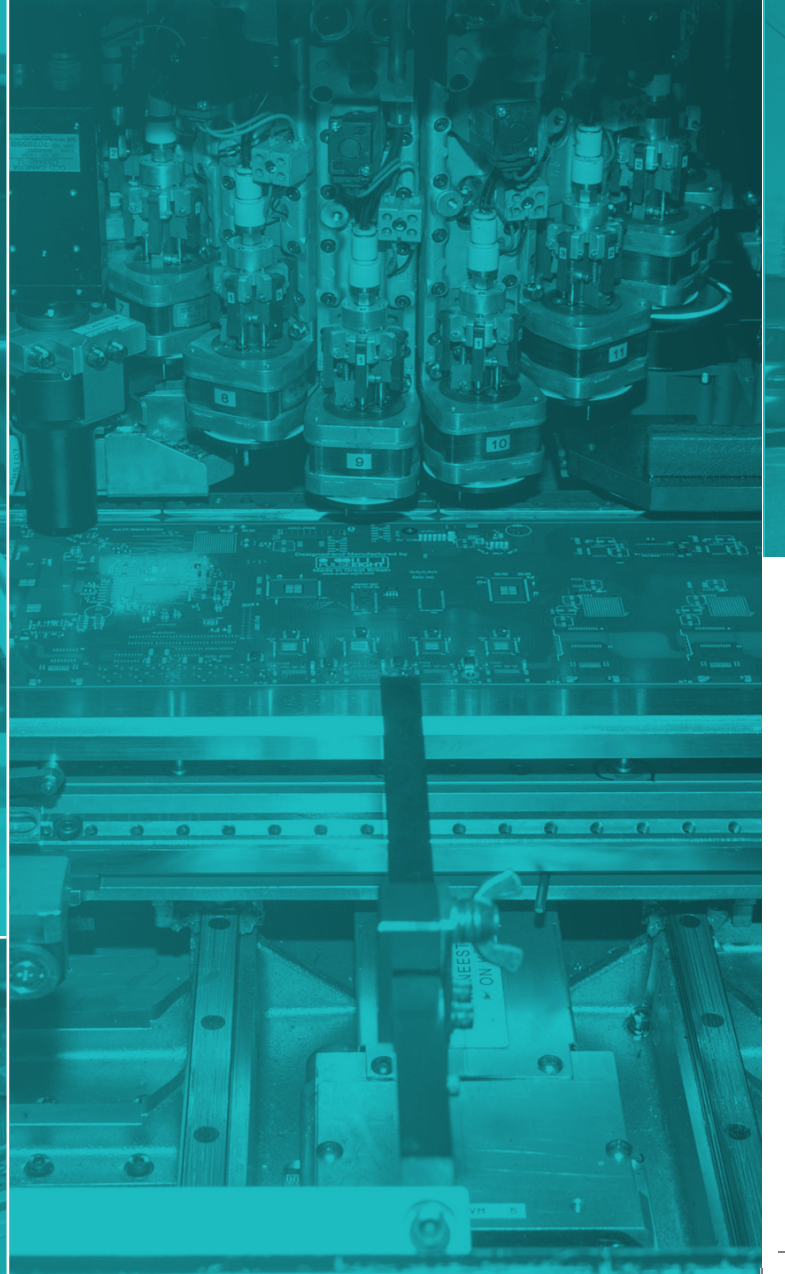
USB-CEC ADAPTER

Our popular USB-CEC Adapter is used by hobbyists and professionals the world over to deliver an immersive viewing experience for their family or customers. Banish multiple remotes with this box hidden behind the TV and use your TV's remote control to pass control information to your Home Theatre PC or hospitality solution. Additionally our USB-CEC Adapter is also used by industry professionals as a trusted way to examine data sent between devices and it is currently the only product on the market providing technical debugging information for the latest HDMI-CEC 2.0 standard.

INTEL NUC HDMI-CEC ADAPTER

Our HDMI-CEC communication hardware has been specifically designed to fit inside the standard NUC enclosure between the WiFi mPCI Board and the Memory modules. This adapter will allow your TV to turn the NUC on from S5 (cold boot) and S3 (suspend), additionally turning the NUC on can wake the TV from standby. Remote control signals from your TV remote are sent via the HDMI cable into the NUC allowing you to control applications using Up/Down/Left/Right keys on your TV remote control.

PULSE**EIGHT**

Since our inception in 2010, we have been designing and manufacturing new and innovative video distribution solutions using the best technology solutions available. We work with Valens Semiconductor, Lattice, Cirrus, Explore Semiconductor and Microsemi among many others to develop class leading, award winning products for our customers.

Based in the heart of Poole in the UK, our 12,000 sqft design and manufacturing facility handles all steps of production from product design through to SMT assembly, test and final packing. This ensures ultimate quality for our customers alongside our local UK based support available any time of the day or week.

In our 7th year we are leading the way in innovative solutions for the residential market. Join us and be part of the story.

SCP ⇨ Structured Cable Products ™
Quality Installations Deserve Quality Products

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