PULSEEIGHT

neo:6a - 6x8 HDBaseT Matrix with Audio Breakout

6 HDMI INPUTS | 6 HDBASET CLASS B (LITE) OUTPUTS | 2 HDMI OUTPUTS

LITE (Class B) Cat5e/6 Cable Performance Chart

	4K				HD

0m (0ft)	10m (32ft)	20m (65ft)	30m (98ft)	40m (131ft)	50m (164ft)	60m (197ft)	70m (230ft)

WORKS WITH ALEXA
With the neo Alexa skill on your Amazon Echo/Dot you can use voice commands to control devices connected to a neo matrix. Fully certified by Amazon, this integration is native to Alexa and requires no configuration.

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. All of this is free of charge with every matrix!

WEB INTERFACE
An end-user friendly interface including a remote that can simply be accessed via www.gotomymatrix.com in your browser, or download the Android app on any device connected to the same network.

libCEC
With CEC you can use your normal TV remote to control and select source devices. Being the world experts in CEC technology means we give you maximum control of your devices.

SET TOP BOX IP CONTROL
You can now control set top boxes via CEC! Working with Sky HD, Sky Q, Tivo/Virgin, Dish Hopper and Kodi, this type of IP Based control is a first for a matrix and removes the need for any IR control in your system.

BUILT IN BRITAIN
All of our matrix range is not only designed but manufactured and supported by ourselves, all from our 24,000 sq ft facility in Poole, Dorset in the UK.

3 YEAR WARRANTY
A standard 3 year warranty is included 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 warranty or extended 5 year warranty options.

KEY FEATURES

- Ultra HD 4K Video Transmission (upto 340Mhz), 1080p, 3D

- Supports 4K up to 40 meters

- Supports 1080p up to 70 meters

- 6 x HDMI Inputs

- 6 x HDBaseT Class B (Lite) Outputs

- 2 x HDMI Outputs

- 6 x Source Audio Breakouts

- Amazon Alexa Voice Control

- libCEC for HDMI-CEC Bi-Directional Control

- Bi-Directional IR Control

- Set Top Box IP Control

- Responsive Web Interface

- Automatic EDID Management

- Three Year Standard Warranty

- Third Party Control System Support

neo BY PULSEEIGHT

KIT INCLUDES:

- neo:6a Chassis
- 6x neo:Lite PoH Receivers
- Country Specific Power Cord
- 6x Infrared Blaster Cable Pack

- Rack Ears
- Installation Guide
- Power Supply

ALSO AVAILABLE AS CHASSIS ONLY

SKU:	P8-HDBT-L-FFMN68-KIT
HDMI Inputs:	6
HDBaseT Outputs:	6x HDBaseT Class B (lite)
HDMI Outputs:	2
Audio Outputs:	6x Source Audio Breakouts (Digital Coax/Optical)
Max HDBaseT Cable Distance 1080p:	70 meters
Max HDBaseT Cable Distance 4K:	40 meters
HDBaseT Recommended Cable:	Cat5e or greater
Colour Supported:	4K: 8bit, 1080p: 12bit
TMDS Clock Speed:	340Mhz
Max Bandwidth:	10.2Gbps
Encryption:	HDCP 1.4 and HDCP 2.2
3D Supported:	Up to 1080/24p - Frame packing/sequential (Blu-ray), Interlaced stereoscopic (satellite/cable broadcasts)
Supported Video Resolutions:	4K/60Hz 4:2:0, HDR10@/24Hz, 720p, 1080i, 1080p (+3D)
Supported Audio Formats:	PCM 2.0, LPCM 2.0, LPCM 5.1, LPCM 6.1, LPCM 7.1, Dolby Digital 2.0, Dolby Digital 5.1, Dolby Digital EX 6.1, Dolby Digital Plus 7.1, Dolby TrueHD 5.1, Dolby TrueHD 7.1, Dolby Atmos 5.1.2, Dolby Atmos 5.1.4, Dolby Atmos 7.1.2, Dolby Atmos 7.1.4, Dolby Atmos 9.1.2, DTS 5.1, DTS-HD Master 5.1, DTS-HD Master 7.1, DTS 96/24 5.1, DTS-ES Discrete 6.1, DTS-ES Matrix 6.1
PoH (Power over HDBaseT):	6x PoH Receivers included in Kit
Infrared:	Bi-Directional
CEC Control:	Full
Voice Control:	Alexa
Set Top Box IP Control:	Yes
Monitoring:	Real Time Remote Monitoring Portal
ARC (Audio Return Channel):	No
DSC (Display Stream Compression):	No
Power Supply:	IEC C14 Inlet - 100-240V 4.0/2.0A 50/60Hz
Power Consumption:	Max 2Amps @ 240V
ESD Protection:	± 8kV (Air-gap discharge) ± 4 kV (Contact discharge)
Surge Protection:	IEC 61000-4-4 (EFT) 40A (5/50ns) IEC 61000-4-5 (Lightning) 25A (8/20µs)
Material:	Smooth Textured Powder Coated Steel
Product Dimensions:	43 x 8.9 x 29.5 cm (Matrix)
Product Weight:	6.10 kg (Matrix)
Operating Temp Range:	0 to +35°C (32 to +95°F)
Operating Humidity Range:	5 to 90% RH (no condensation)
Manufactured In:	Great Britain by Pulse-Eight
Certification:	CE, FCC, RoHS