MATRIX COMPARISON

PULSEEIGHT

neo		NEO:4		NEO:8	NEO MODULAR	
		BASIC	PROFESSIONAL	8X10 MATRIX	NEO:8 LITE KIT	NEO:8 PRO KIT
HDBaseT™ Outputs		4	4	8	8*	8*
HDMI Outputs		0	2 (mirror)	2	0*	0*
HDMI Inputs		4	4	8	8*	8*
Max Cable Distance	1080p	70m	70m	70m	70m	100m
	4K	✘	40m	40m	40m	70m
Full CEC Control		✘	✔	✔	✔	✔
Full Online Monitoring		✔	✔	✔	✔	✔
Full LAN Control		✔	✔	✔	✔	✔
Works with Alexa		✘	✔	✔	✘	✘
1080p Input		✔	✔	✔	5 Inputs*	5 Inputs*
4K HDCP 2.2 Input		✘	✔	✔	3 Inputs*	3 Inputs*
Video Output		1080p	1080p/4K	1080p/4K	1080p/4K	1080p/4K
Receivers Included		✔	✔	✔	✔	✔
IR Kit Included		✔	✔	✔	✔	✔
Rear Supports Included		✘	✘	✘	✔	✔
Remote Included		✔	✔	✔	✔	✔
HDBaseT 5 Play		✘	✘	✘	✘	✔

* Modular systems can be customised to fit requirements, above examples as pre-built neo:8 kits.

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 download the Android app or enter into your browser **www.gotomymatrix.com** 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*
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 controlwith dynamic forwarding. This means that you can now control DTV/Dish via CEC! IP Based Dish/DTV Ccontrols is a first for a matrix switch 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.