Pulse-Eight P8-NEO4-INSTALL-KIT neo4 4x4 HDMI/HDBaseT Matrix Switch with Install Accessories

Kit includes: neo 4x4 HDBaseT Matrix, 2x Echo Dots, 4x Prem Cert 4K-UltraHD HDMI Cables, 4x HDBaseT Rec, IR Blaster Pk

neo represents the culmination of 4 years of hardware and software development at Pulse-Eight, our refined HDBaseT video matrix solutions ensure they offer you exactly what you need whether you're a professional AV Installer or a residential user.

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 Ultra HD 4K, 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. With one goal in mind. Giving you the best possible video distribution system in the world.

Contextual IR

4 in, 4 out, that's 16 possible combinations of your video. Historically matrixes have offered remotes with 8 or 16 buttons, requiring multiple presses to get video to the TV your watching. We thought this was an odd solution, given you already known which room you are in, so should the matrix! Our designers did away with this old concept and instead created Contextual IR, this reduces the number of buttons to just 4, one for each possible input. Whatever room your in, select 1, 2, 3, 4 and watch that source instantly.

HDMI-CEC

But then we asked, why use IR at all? Most TVs now support CEC, we are world experts in CEC technology with our libCEC and USB-CEC Adapters, so we've baked that technology into **neo**. Now you can just use your normal TV remote and press the "Source" key, each of your input devices will be listed and just select the one you want and the matrix will route the video automatically, even if the source does not support CEC itself

If however, the source device does not support CEC, then you can continue to control it via your remote control as **neo** will automatically relay the necessary messages to your source device.

Instant On

In the UK, Sky (one of the main satellite TV providers) recently added CEC support, the way they did it was pretty interesting (simply press the "Sky" button and your TV turned on and so did the Sky+ HD box) and it gave us an idea, we could do this with **neo**. With Instant On, press the Sky button in any room and we will detect this, turn the TV on and switch the video path to the Sky+ HD box.

But we go one step further, if you have more than one Sky+ HD box connected to **neo** then we will intelligently detect which Sky+ HD box is not in use and route this to your TV

Don't worry if you are not in the UK, *Instant On* can be customised for just about any collection of source devices

Scheduled Events

neo supports more than just reacting to button presses. You can configure neo to turn your TV on at a specific time, or turn it off. View a certain source from 3 till 7 and then something else till 12. It's all possible from within the web interface built into neo.

Web Interface

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 desktop PC and in any browser. We've done this with our responsive design, so it works with you and not the other way round. Our web interface is built directly on top of our REST/API, this means that whatever you can do on your phone, you can get your control system to do also and vice versa. There are no hidden tricks or special codes that require a magic moon dance to work. All of our documentation is free and available on our monitoring site.

Monitoring

It's important that you get video all the time, to help us do that every neo professional matrix keeps in contact with our cloud management service. You can tell if this is working with the **Monitored** LED on the front of the matrix. If you get stuck, your installer or yourself can log into our cloud portal and see helpful diagnosis information (if you let them), fix problems remotely or tell you where you may have gone wrong in the installation. All of this is free of charge. If **neo** has a problem, we get alerted too and we can get in contact to arrange a hardware replacement or give you a step by step guide to get you up and running again.

Features

- Ultra HD 4K Video Transmission (upto 340Mhz), 1080p, 3D
- Full HDCP 2.2 Support
- 4x HDMI Inputs
- 4x HDBaseT Class B Outputs
- 2x HDMI Outputs (Mirrored)
- HDMI-CEC Bi-Directional Control

- Bi-Directional IR Control
- Responsive Web Interface
- Automatic EDID Management
- Three year standard warranty