WyreStorm MX-0808-PP-POH-CUSTOM 8-Slot HDBaseT Modular Matrix Switcher Chassis

*Chassis only. Cards not included.

One Matrix, Endless Solutions

Representing the very best in power and versatility, WyreStorm takes truly custom AV distribution to the next level and a new price point with the ultimate in customizable and affordable HDBaseT™ integration.

The MX-0808-PP-POH-CUSTOM is a totally modular, built-to-order 8x8 HD matrix that provides integrators with the utmost in switching and flexibility; for projects that demand the benefits of HDBaseT transmission, such as signal stability, distribution of full 1080p HD video, HD audio, integrated Power-over-HDBaseT (PoH) and bidirectional control via IR and routable RS232, all over a single Cat5e/6 cable up to 70m/230ft.

Built by Us to Your Specification

This latest addition to the PP range of matrix solutions features a fully customizable chassis design and a selection of multi-format digital and analogue transmission cards options that can be selected using our online 'GoConfigure' virtual rack selection tool.

With each card converting to HDBaseT with PoH and routable control capabilities, custom-configured Pro Plus matrix systems offer a near-limitless input/ output configurations for residential and commercial integrators, representing one of the most flexible, scalable, fully featured HDBaseT solutions to date to enable single-cable HD distribution and control to be tailored to the specifics of the project like never before.

Features:

- 8x8 Full HD Matrix switch
- Class B HDBaseT technology for one-cable transmissions of 36bit Deep Color Full 1080p HD video @60Hz, HD audio, bidirectional IR and routed serial control with low voltage Power-over-HDBaseT up to 70m/230ft*
- Fully 3D compatible – Frame packing/sequential (Blu-Ray) and Interlaced Stereoscopic (Satellite/Cable broadcasts)
- Routed RS232 allows serial control of all connected output devices
- PoH – power passed directly along Cat5e/6 cable up to 70m/230ft from the MX-PP-POH matrix to all connected PoH-enabled display receivers so no additional power is required at display location
- Each matrix output can be cascaded up to 7 times for even larger distributions spanning 56 displays covering a transmission distance of up to 3.9Km/ 2.4miles
- Matrices themselves can also cascaded up to 7 times (using HDMI Passthru source loop cards) for the quick and easy creation of very large arrays of up to 392 displays, covering vast distances up to 27.4Km/16.8miles - with each screen afforded routed control and powered remotely from the matrix
- HDCP compliant with constant feed to prevent screen drop-outs
- Reads and copies EDID from connected devices with additional EDID configuration through customizable DIP switch settings if necessary
- The same robust transmission technology as full HDBaseT that is far more resistant to electrostatic interference than conventional distribution
- Fully compatible with all market leading third party control systems with full integration protocols available
- Wide range, two-way discrete IR control between source and display and vice versa (30 KHz to 56 KHz frequency)
- Choose from 5 methods of switching – infrared remote control, front panel buttons, local IR, IR call-back, and RS232
- Simple switching remote control included, which can also be learned into a universal remote handset to allow the control of multiple devices from one handset
- Conforms to IEEE-568B standards
- Compact 2U size
- Additional infrared extension port for longer IR connections
- Each custom configured matrix unit comes with mounting brackets, IR receivers, IR transmitters and a remote control handset
- 3 year warranty

Select from a range of digital and analogue transmission cards, all configurable online for the easiest, most customisable matrix distribution system to date:

- **- TX-POH-010 – HDBaseT Out, HDMI Out, HDMI in, IR In**
- **- TX-POH-020 – HDBaseT Out, HDMI Passthru Source Loop Out (cascading), HDMI in, IR In**
- **- TX-POH-030 – HDBaseT Out, digital/analog Audio Out (mirrored), HDMI In, IR In**
- **- TX-POH-040 – HDBaseT Out, HDMI Out, Audio In, IR In**
- **- TX-POH-050 – HDBaseT Out, DVI In, IR In**
- **- TX-POH-060 – HDBaseT Out only, IR In**
- **- TX-POH-070 – HDBT Out, VGA + Stereo Audio In, IR In**
- **- TX-POH-080 – HDMI In only**
- **- TX-POH-090 – HDBaseT Out, YPbPr In + Stereo Audio In, IR In**
- **- TX-POH-100 – HDBaseT In, HDMI Out, RS232, IR In**
- **- TX-POH-110 – HDMI In, HDMI Passthru Source Loop Out (cascading), HDMI Out**

NOTE: *Recommended transmission conditions denote cable run is within specified distance range of product, no electrical interference, the use of straight cable runs with no bends or kinks and no patch panels or wall outlets used. Please be advised that the presence of any of these factors in your installation may compromise bandwidth and signal strength.