

WYRESTORM 16 SLOT HDBASET MODULAR MATRIX CHASSIS

MX-1616-PP-POH-CUSTOM



KEY FEATURES

- Custom built to meet the exact specifications for any application or requirement
- Modular design achieves diverse and highly scalable solutions in any configuration from 1x8 up to 8x56 (using MX-0808 model) or up to 16x12 (using MX-1616 model)
- One matrix mixes both digital & analogue video sources and audio devices
- Matrix configuration specifications completed and submitted via online Virtual Rack System Planner

The WyreStorm Modular Pro Plus PoH Matrix takes truly custom AV distribution to the next level with totally customisable, built-to-order HDBaseT matrix solutions.

The MX-1616-PP-POH-CUSTOM features a completely modular design, RS232 routing capabilities, integrated Power over HDBaseT (POH) and near-limitless selection of input configurations to offer residential and commercial electronic system integrators with most flexible, scalable, fully featured HDBaseT matrix to date. Integrators can select from a range of digital and analogue transmission cards that can be used interchangeably and tailor the matrix configuration to the exact specifications of each system and application.

ADDITIONAL FEATURES & BENEFITS

- 70m/230ft uncompressed transmission of 36bit 1080p video, HD audio & 2-Way IR over a single Cat5e/6
- Available in 8x8 and 16x16 models
- New QuickSync technology improves switching time between sources
- Power over HDBaseT technology powers the receivers from the matrix device
- Routes discrete RS232 commands to any output via the built-in serial port
- 3D compatible – frame packing (Blu-Ray) and stereoscopic (satellite and cable)
- Assembled and delivered within 10 business days (UK and US) * stock permitting
- Integrated cable testing via link LED on transmission card and receiver
- TX-POH-010 card features a duplicate HDMI port mirrors the HDBaseT output for connecting AVR's, fiber and coax extender sets
- HDMI Pass-through source loop cards enable multiple matrix cascading option, supporting up to 392 displays
- TX-POH-030 card allows easy connection of Sonos or Airport Express devices to the WyreStorm AMP, allowing multi-room audio streaming from single devices using existing infrastructure and WyreStorm's AMP-001-010
- Seamless integration with leading control systems via RS232 and LAN, including WyreStorm Enado
- TX-POH-100 card featuring HDBaseT Input for connection of remote devices to the matrix up to 70/230ft away via additional HDBaseT transmitter (sold separately)

IN THE BOX

- 1 x MX-1616-PP-POH-CUSTOM Matrix
- 1 x Mounting brackets (pair)
- 16 x IR emitters
- 16 x IR Receivers

- 1 x Remote control
- 1 x Manual
- 1 x Power supply
- 1 x USB serial cable

SPECIFICATIONS

Dimensions (WxHxD):	440mm x 419mm x 387mm /17.3" x 16.5" x 15.2"
Weight:	13.5Kg/29.8lb
Operating Temperature Range:	0 to +35°C (32 to +95°F)
Operating Humidity Range:	5 to 90 % RH (no condensation)
Video Amplifier Bandwidth:	6.75Gbps
Input Video Signal:	0.5-1.0 volts p-p
Input DDC Signal:	5 volts p-p (TTL)
Maximum Single Link Range:	1080p 36bit Deep Colour
Transmission distance:	Min: 5m/16.4ft - Max: 60m/197ft (Cat5e/6), 70m/230ft with (Cat6a/7) using WyreStorm RX-1UTP-IR-70-POH display receiver or AMP-001-010 digital amplifier (under perfect transmission conditions including straight cable runs with no electrical interference, kinks, patch panels or wall outlets.)
Video Format Supported:	VESA: 640x480, 800x600,1024x768, 1280x1024, 1600x1200, 1920x1200, 1920x1080 DTV/HDTV: 480i/576i/480p/576p/720p/1080i/1080p
Output Video:	HDMI v1.4 with full 3D compatibility with Frame packing/(Blu-ray) and Stereoscopic (satellite/ cable broadcasts)
Audio Format Supported:	DTS Master HD, Dolby True HD, PCM 5.1, 7.1, stereo
Power Supply:	100-240V AC
Power Consumption:	340 Watts (Max.)
British Thermal Unit (BTU):	1160
Rack Space Required:	3U



TX-POH-010 TX-POH-020 TX-POH-030 TX-POH-040 TX-POH-050 TX-POH-060 TX-POH-070 TX-POH-080 TX-POH-090 TX-POH-100 TX-POH-110

TX-POH-010 - HDBaseT Out, HDMI Out, HDMI In, IR In

TX-POH-020 - HDBaseT Out, Source loop, HDMI In, IR In

TX-POH-030 - HDBaseT Out, Audio breakout, HDMI In, IR In

TX-POH-040 - HDBaseT Out, HDMI Out, Audio In, IR In

TX-POH-050 - HDBaseT Out, DVI Input, IR In

TX-POH-060 - HDBaseT Out, IR In

TX-POH-070 - HDBaseT Out, VGA + Stereo Audio In, IR In

TX-POH-080 - HDMI Input only

TX-POH-090 - HDBaseT out, YPbPr + audio, IR in

TX-POH-100 - HDMI out, HDBaseT In, IR in, RS232

TX-POH-110 - HDMI in, HDMI out, source loop HDMI out



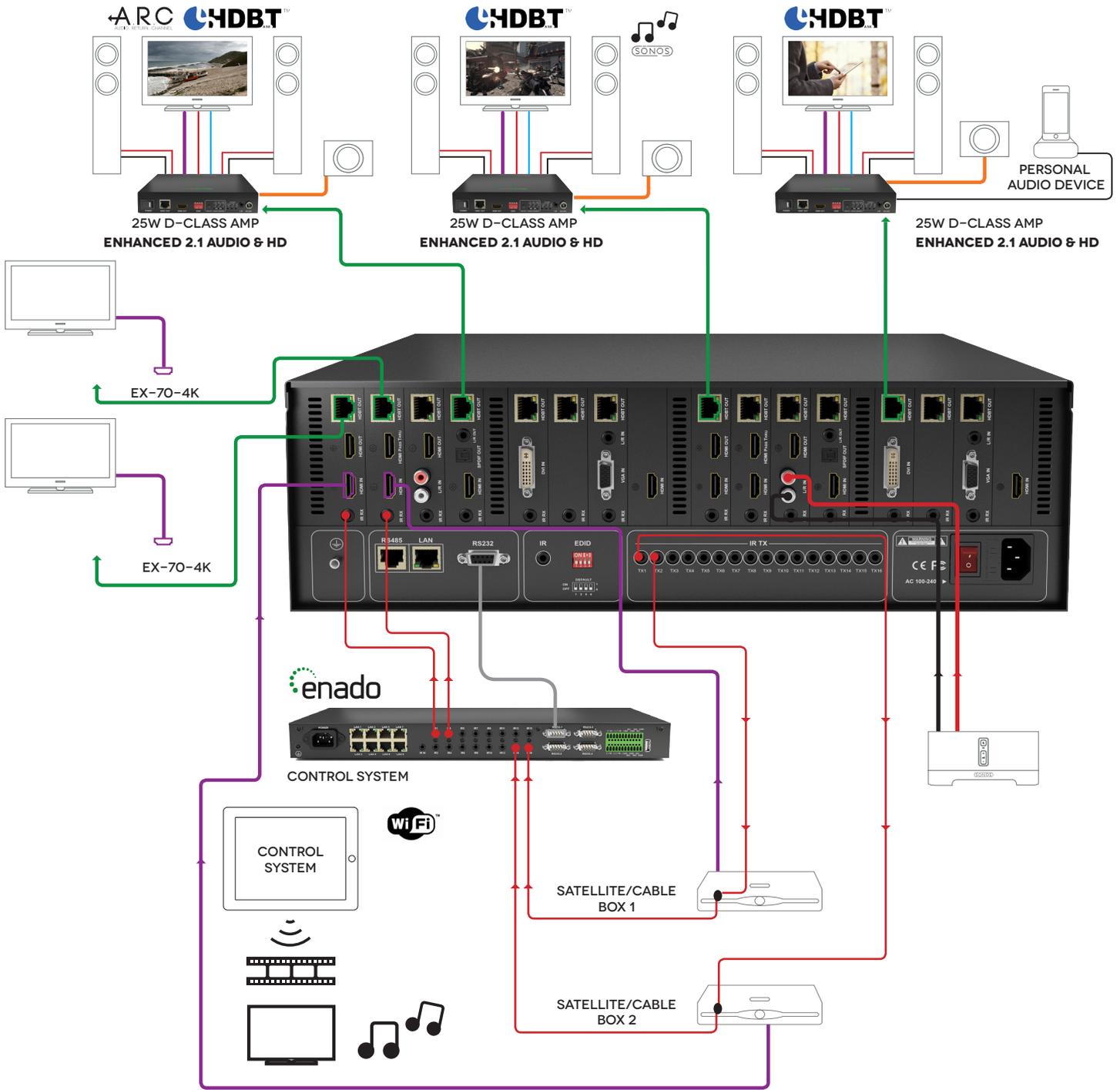
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To custom configure a WyreStorm Modular Matrix and submit it online, visit the Virtual Rack System Planner on the product page on the WyreStorm website wyrestorm.com

For additional product information visit wyrestorm.com

For technical support contact: **North America: +1 844-280-WYRE (9973) EMEA/ROW: +44 (0) 1793 230 343**

WYRESTORM PRODUCT SPECIFICATION SHEET



TRANSMISSION CARDS / KEY

- SLOT 1 - TX-POH-010
- SLOT 2 - TX-POH-020
- SLOT 3 - TX-POH-040
- SLOT 4 - TX-POH-030
- SLOT 5 - TX-POH-050
- SLOT 6 - TX-POH-060
- SLOT 7 - TX-POH-070
- SLOT 8 - TX-POH-080

- SLOT 9 - TX-POH-010
- SLOT 10 - TX-POH-020
- SLOT 11 - TX-POH-040
- SLOT 12 - TX-POH-030
- SLOT 13 - TX-POH-050
- SLOT 14 - TX-POH-060
- SLOT 15 - TX-POH-070
- SLOT 16 - TX-POH-080

- CAT 5e/6 70M/230FT
- VGA/DVI
- HDMI
- RS232

- LINE LEVEL AUDIO
- IR TX
- IR RX
- SUB PRE-OUT