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PRO PLUS HDBASET 8X8 MODULAR MATRIX

MX-0808-PP-POH-CUSTOM with Power-over-HDBaseT™ and Routed Serial Control



KEY FEATURES

- Custom built to meet the exact specifications for any application or requirement
- Modular design achieves diverse and near endless configuration options (3x8, 4x8, 6x8, 8x12, 6x14, 12x16, 10x32) up to 16x112 specification.
- One matrix mixes both digital & analogue video sources and audio devices
- Matrix configuration specifications completed and submitted via new Web Widget

The WyreStorm Modular MX-0808-PP-POH-CUSTOM Pro Plus Matrix takes truly custom AV distribution to the next level with a totally modular, built-to-order HDBaseT matrix solutions.

The MX-0808-PP-POH-CUSTOM features a completely modular design, RS-232 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 HDBT 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 an 8x8 and 16x16 model (end Q1 2014).
- 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).
- Integrated cable testing via link LED's 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.
- TX-POH-020 source loop card enables 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.

IN THE BOX

1 x MX-0808-PP-POH-CUSTOM Matrix
1 x Remote control

1 x Mounting brackets (pair)
1 x Manual

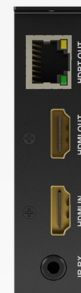
8 x IR emitters
1 x USB serial cable

8 x IR Receivers

SPECIFICATIONS

Dimensions (WxHxD):	440mm x 100mm x 340mm / 17.3" x 3.9 x 13.4"
Weight:	6.7Kg / 14.8lb
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, bends, 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: HDBaseT:	DTS Master HD, Dolby True HD, PCM 5.1, 7.1, stereo
Power Supply:	100-240V AC
Power Consumption:	170 Watts (Max.)
British Thermal Unit (BTU):	580.1
Rack Space Required:	2U

TRANSMISSION CARDS



TX-POH-010



TX-POH-020



TX-POH-030



TX-POH-040



TX-POH-050



TX-POH-060



TX-POH-070



TX-POH-080

TRANSMISSION CARD FEATURES:

- **TX-POH-010** 70m/230ft HDBaseT output with mirrored HDMI output, HDMI input, IR input
- **TX-POH-020** 70m/230ft HDBaseT output with HDMI passthru for connection to additional cascaded matrix units, HDMI input, IR input
- **TX-POH-030** 70m/230ft HDBaseT output with mirrored digital and analogue audio output, HDMI input, IR input
- **TX-POH-040** 70m/230ft HDBaseT output with analogue audio input, HDMI output, IR input
- **TX-POH-050** 70m/230ft HDBaseT output with DVI output, IR input
- **TX-POH-060** 70m/230ft HDBaseT output only, IR input
- **TX-POH-070** 70m/230ft HDBaseT output with VGA / stereo audio input, IR input
- **TX-POH-080** HDMI input only

To custom configure a WyreStorm Modular Matrix and submit it online, visit the Web tool at www.wyrestorm.com or place a Modular Matrix order by contacting your authorized WyreStorm sales representative or distribution partner.



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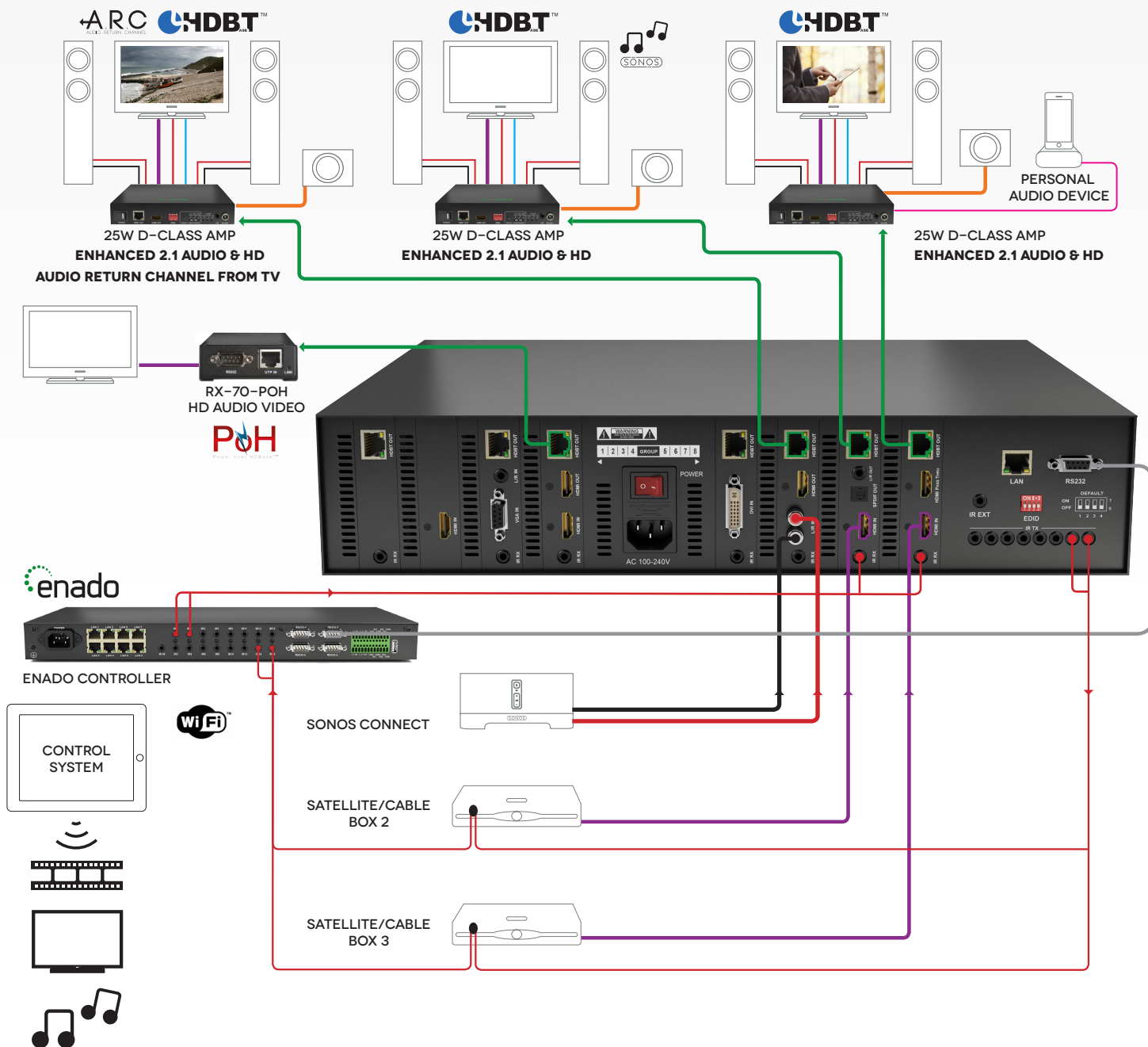


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SMALL RESIDENTIAL FULL HD DISTRIBUTION WITH HI FI AUDIO DISTRIBUTION OVER 1 CAT5E/6

KEY SYSTEM FEATURES

- Easier installation with only one Cat5e/6 cable to each display and zone.
- Deliver fully uncompressed 1080p video switching, HiFi audio and end user control to each zone.
- Centralized A/V sources with local audio devices, including AMP-010-001 and personal devices.
- Recreate this Total WyreStorm Distribution & Control Solution for small or large residential applications.



TRANSMISSION CARDS

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

KEY

- | | | | |
|--|---------------------------|--|-------------------------|
| | CAT 5e/6 70M/230FT | | LINE LEVEL AUDIO |
| | VGA/DVI | | IR TX |
| | HDMI | | IR RX |
| | RS232 | | SUB PRE-OUT |

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