

PRO PLUS HDBaseT 8X8 MATRIX

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



KEY FEATURES

- Rock solid transmission of fully uncompressed 36bit 1080p video, HD audio & 2-way IR over a single Cat5e/6 up to 70m/230ft.
- Power Over HDBaseT technology powers the receivers from the matrix device.
- Routed RS232 enables control of displays and addressed AMP-001-010 via HDBaseT output.

The WyreStorm MX-0808-PP-POH Pro Plus Matrix takes HD video & audio distribution and control to a new level with this HDBaseT performance switching solution, now offered at a more affordable price point.

The MX-0808-PP-POH 8x8 matrix builds upon the strong feature set of WyreStorm’s standard Pro Plus (PP) models, with the addition of Power Over HDBaseT and Routed RS232 functionality that brings significant value to any installation. With 70m/230ft HDBaseT transmission of full HD video, audio, bidirectional IR control, Power-over-HDBaseT (PoH) and RS232 routing capabilities, the matrix provides system integrators with an out-of-the-box, high-performance switching solutions that provides greater integration flexibility to create a total distribution systems of virtually any size.

ADDITIONAL FEATURES & BENEFITS

- 8 x HDBaseT transmission cards featuring 36bit deep color, 1080p video at 60 Hz, HD audio, 2-Way IR control and low voltage power over one Cat5e/6/7 cable.
- QuickSync technology improves switching time between sources.
- 3D compatible – frame packing (Blu-Ray) and stereoscopic (satellite and cable).
- Enables cascading via each output up to 7 times, supporting a total of 56 screens.
- Ample HDMI inputs for source connection and HDBaseT outputs via one cable.
- Duplicate HDMI port mirrors the HDBaseT output for connecting AVR’s, fiber/coax extender sets etc. Up to 16 sink devices can be fed from one MX0808-PP.
- Available in 8x8 and 16x16 (Q1 2014) models
- Compact 8 module (2U) or 16 module chassis (3U)
- Seamless integration with leading control systems via RS232 and LAN, including WyreStorm Enado.
- Combine it with WyreStorm HDBaseT products and Enado for a total AV distribution and control solution.

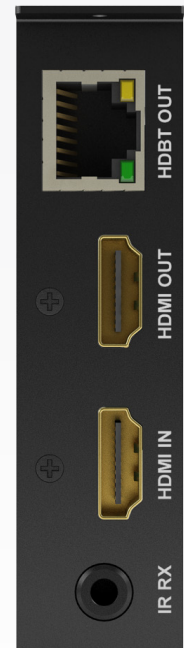
IN THE BOX

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|--|------------------------------|----------------------|------------------|
| 1 x WyreStorm MX-0808-PP-POH Pro Plus Matrix | 1 x Mounting brackets (pair) | 8 x IR emitters | 8 x IR Receivers |
| 1 x Remote control | 1 x Manual | 1 x USB serial cable | |

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 CARD



TX-POH-010

TRANSMISSION CARD FEATURES:

- **TX-POH-010** 70m/230ft HDBaseT output with mirrored HDMI output, HDMI input, IR input

TX-POH-010 is the default card on the MX-PP-POH 8x8 matrix. This transmission offers 70m/230ft HDBaseT transmission including video, audio, control and power, combined with a duplicate HDMI output to allow simultaneous connection of a second local 'slave' screen, AVR or extender product (including Cat5e/6/7, fiber and coax). IR in allows control signals to be sent to the sink device.



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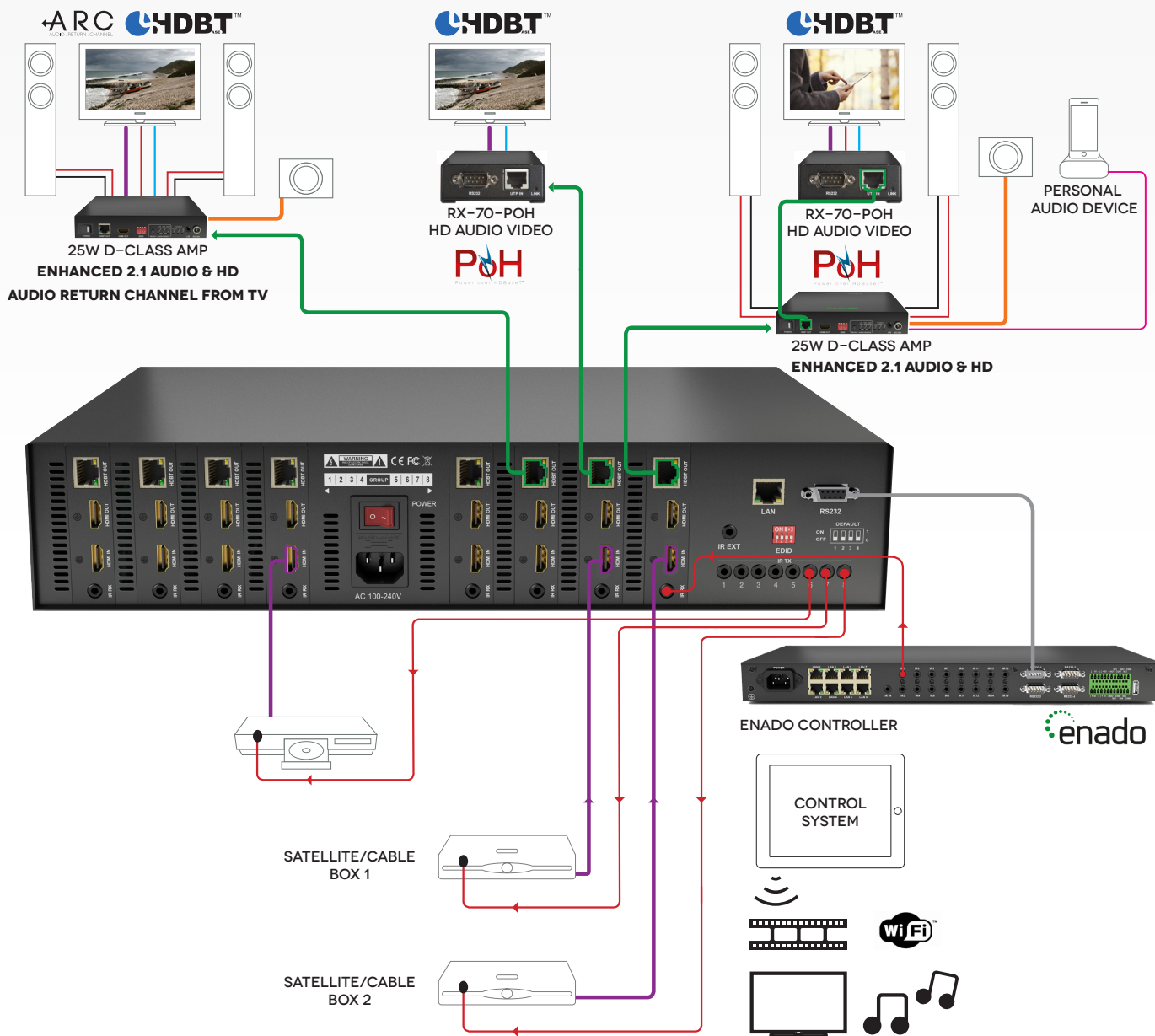


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SMALL CUSTOM RESIDENTIAL: MULTI-ROOM VIDEO, AUDIO & CONTROL

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.



KEY

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