

# WYRESTORM 16X16 HDBASET MATRIX SWITCHER WITH HDMI MIRROR OUTPUTS, 2-WAY IR, ROUTED RS232, POH

MX-1616-PP-POH



## 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.

16x16 HDBaseT Pro Plus matrix featuring routed serial control and remote power up to 70m/230ft with single Cat5e/6.

A 16-way matrix for large residential or commercial projects featuring Pro Plus distribution of full HD video, audio with mirrored HDMI outputs and two-way IR control. This 2014 model also benefits from the increased flexibility and convenience of Power over HDBaseT to remotely power receivers in display zones without the need for local mains access and also routed serial control via RS232 for even greater control of all connected devices.

## ADDITIONAL FEATURES & BENEFITS

- 16 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.
- Available in 8x8 and 16x16 models
- Compact 8 output (2U) or 16 output 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

1 x WyreStorm MX-1616-PP-POH Pro Plus Matrix  
1 x Remote control

1 x Mounting brackets (pair)  
1 x Manual

16 x IR emitters  
1 x USB serial cable

16 x IR Receivers

## SPECIFICATIONS

<b>Dimensions (WxHxD):</b>	440mm x 419mm x 387mm / 17.3" x 16.5" x 15.2"
<b>Weight:</b>	13.5Kg/29.8lb
<b>Operating Temperature Range:</b>	0 to +35°C (32 to +95°F)
<b>Operating Humidity Range:</b>	5 to 90 % RH (no condensation)
<b>Video Amplifier Bandwidth:</b>	6.75Gbps
<b>Input Video Signal:</b>	0.5-1.0 volts p-p
<b>Input DDC Signal:</b>	5 volts p-p (TTL)
<b>Maximum Single Link Range:</b>	1080p 36bit Deep Colour
<b>Transmission distance:</b>	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.)
<b>Video Format Supported:</b>	VESA: 640x480, 800x600, 1024x768, 1280x1024, 1600x1200, 1920x1200, 1920x1080 DTV/HDTV: 480i/576i/480p/576p/720p/1080i/1080p
<b>Output Video:</b>	HDMI v1.4 with full 3D compatibility with Frame packing/(Blu-ray) and Stereoscopic (satel lite/ cable broadcasts)
<b>Audio Format Supported:</b>	HDBaseT DTS Master HD, Dolby True HD, PCM 5.1, 7.1, stereo
<b>Power Supply:</b>	100-240V AC
<b>Power Consumption:</b>	340 Watts (Max.)
<b>British Thermal Unit (BTU):</b>	1160
<b>Rack Space Required:</b>	3U



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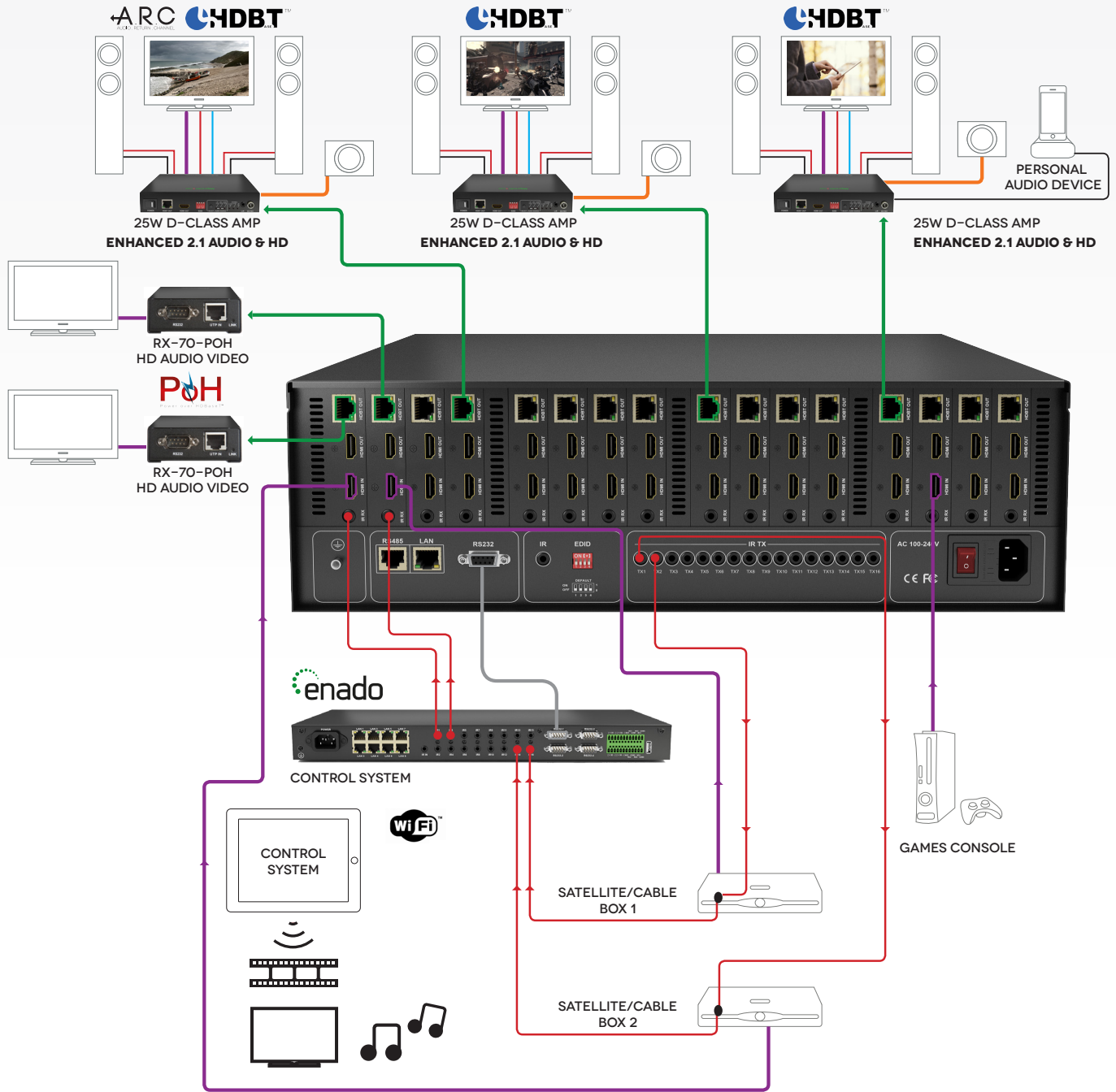


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# WYRESTORM PRODUCT SPECIFICATION SHEET



**KEY**

- IR TX
- IR RX
- CAT 5e/6 70M/230FT
- HDMI
- RS232



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