

WYRESTORM 8x8 HDBASET 4K MATRIX SWITCHER WITH HDMI MIRROR OUTPUTS FEATURING 5PLAY™

MX-0808-PP-POH-4K



KEY FEATURES:

- Supports UHD (3840) & DCI (4096) 2160p resolutions up to 30Hz with 4:2:2 color ratio up to 70m/230ft*
- HDBaseT Class A with full 5Play for one-cable transmissions of 1080p/48bit @ 60Hz, HD audio, Ethernet, two-way control over IR and RS232 and power up to 100m/328ft
- New LAN platform allows remote access and hosts web-based GUI for configuration of advanced settings

Ultra High Definition 4K HDBaseT 8x8 matrix switcher with 5-Play feature set supporting 4K and 1080p HD video, multichannel audio, Ethernet, 100w power, two-way control via IR & RS232 over a single Cat5e/6.

Including internal LAN, switched HDMI outputs for expanded integration options and EDID management for the ultimate in next generation digital content distribution and control supporting resolutions up to 4Kx2K @30Hz for UltraHD projects today that are future-proofed for tomorrow.

ADDITIONAL FEATURES & BENEFITS:

- 4K chroma sub-sampling color palette - 4:2:2 @ 24bit / 30Hz (4K), 48bit / 60Hz (1080p)
- 1080p 48bit Deep Color up to 60Hz
- 8 x mirrored HDMI output allows local connection up to 10m/33ft
- Quick Sync™ technology for virtually instantaneous I/O switching
- Uncompressed multichannel HD audio up to 7.1 supporting DTS Master HD & Dolby TrueHD
- Internal LAN switch provides 10/100BaseT Ethernet to each receiver via single category cable
- Matrix switching/operation via front panel, remote handset, RS232, RS485, LAN
- Bidirectional discrete IR control for each display device (wideband 30Khz-56Khz)
- Internal IR routing allows multiple same source IR control
- Additional internal power supply provide low voltage power over category cable (PoH) to remotely power RX-70-4K receivers in display zones
- Extensive EDID management via DIP switches at rear to read and copy EDID from connected devices to aid communication and device compatibility for successful device handshake
- Mounting brackets, PSU and IR cables included

IN THE BOX

- 1 x MX-0808-PP-POH-4K main unit
- 1 x Printed instruction manual (also downloadable from website)
- 1 x Flash memory USB stick containing PC control software and digital copy of manual
- 8 x IR Receivers - for display receivers (30KHz to 50KHz)

- 8 x IR Emitters - for Input sources
- 1 x IR RX Extension cable (38KHz for local IR control)
- 1 x 100-240v AC power supply
- 1 x USB to serial cable
- 1 x pair matrix mounting brackets

Touchboards

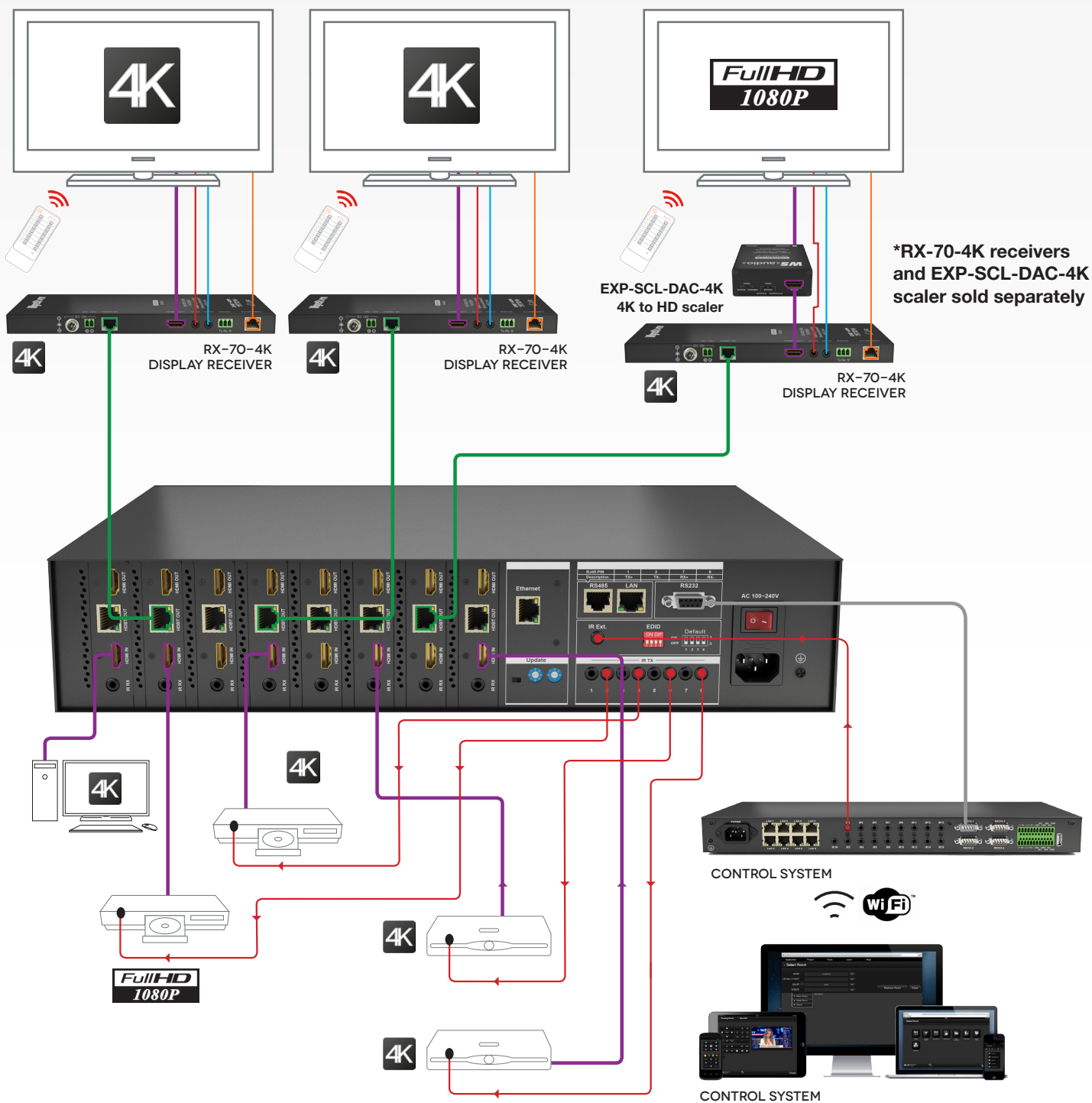
205 Westwood Ave, Long Branch, NJ 07740
 Phone: 866-94 BOARDS (26273) / (732)-222-1511
 Fax: (732)-222-7088 | E-mail: sales@touchboards.com

SPECIFICATIONS






Dimensions (WxHxD)	438mm x 87.7mm x 396mm / 17.2" x 3.5" x 15.6"
Mass (Main unit)	7.46kg / 16.45lbs
I/O Connections	8 x HDMI IN
	8 x HDBT OUT
	8 x HDMI OUT
	8 x IR RX
	8 x IR TX
	1 x IR Extension
	1 x EDID DIP Switch
	1 x Ethernet
	1 x LAN
	1 x RS232
	1 x RS485
	3 x Update selection
Bandwidth Signaling Rate	6.75Gbps
Input video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Maximum Pixel Clock	297MHz
Video Impedence	100 Ω
Power Supply	AC 100~240V 50/60Hz
Power Consumption	180W Max
BTU Rating	614
Transmission Distance	1080p @ 100m/328ft 4K @ 70m/230ft
Color	4K chroma subsampling pixel rate 4:2:2/24bit , 1080p 48bit
Video Format Supported	480i, 576i, 480p, 576p, 720p, 1080i, 1080p @ up to 60Hz 3840x2160 @ 30Hz, 4096 x 2160 @ 30Hz
Audio Format Supported	Stereo, LPCM 5.1, LPCM 7.1, Dolby True HD, DTS-HD Master Audio
Output Video	HDMI 1.4 with HDCP + full 3D
Storage Temperature	-4°F to 140°F (-20°C to 70°C) 10% to 90%, non-condensing
Control Method	IR control
	Front panel buttons
	RS232
	RS485
	LAN (Telnet & Web GUI)
Operating Temperature	32°F to 95°F (0°C to 35°C) 10% to 90%, non-condensing
Storage Temperature	-4°F to 140°F (-20°C to 70°C) 10% to 90%, non-condensing
ESD Protection	±8kV (air-gap discharge) ±4kV (contact discharge)
Surge Protection	Voltage: ±1kV



8X8 4K HDBASET MATRIX SWITCHER



KEY

- | | | | |
|---|--|---|-----------------|
|  | CAT5E/6
70M/230FT (4K) /
100M/328FT (1080P) |  | IR TX |
|  | HDMI |  | IR RX |
|  | RS232 |  | ETHERNET |