WyreStorm.

Specification Sheet

HDBaseT Output to HDBaseT receiver(s)

IR Extension Port

Link to Control System

HDMI inputs (HDCP 2.2) from source

IR to zone from Control System

Update switch and dial for firmware update

IR outputs to sources

Power Supply Input

EDID Settings
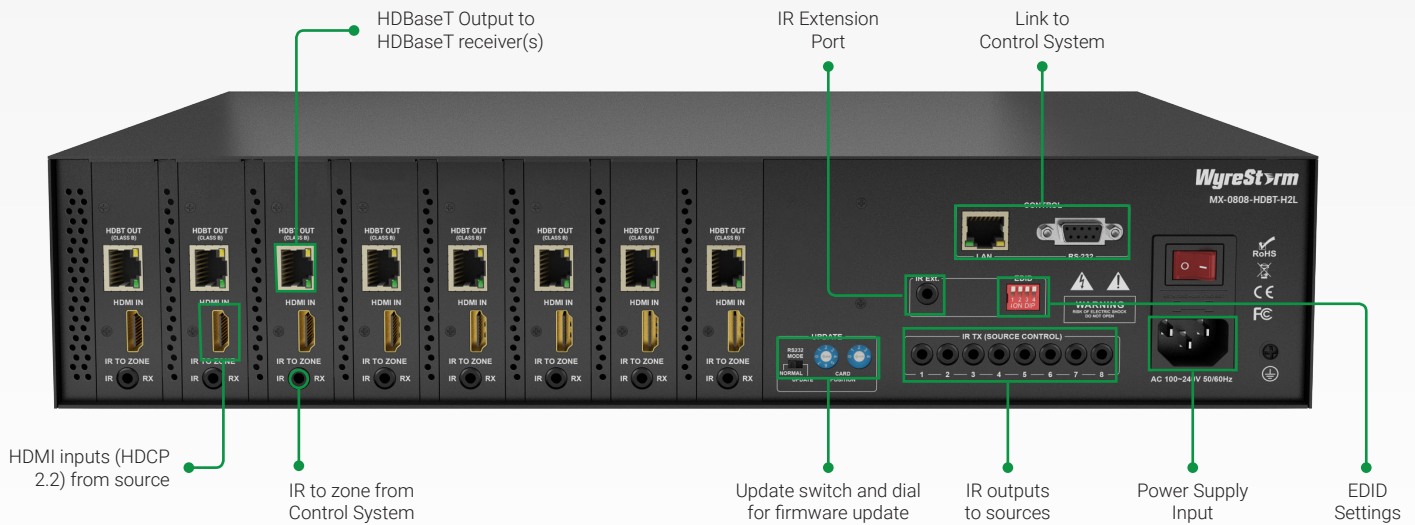
WyreStorm - Because the Technology Matters.

Introduction

WyreStorm's H2L Series matric switchers offer excellent value, without compromising quality of distribution. HDBaseT™ transmission manages both 2K and 4K UHD video sources, including HDR, HDCP2.2 and multichannel audio up to DTS:X and Dolby Atmos up to 35m/115ft or 1080p to 70m/230ft.

The H2L combines residential-focused features such as PoH to remotely power receivers and QuickSync™ instant switching for uncompressed single frame end-to-end latency.

Key Features

- Independent switching and control of up to eight 4K UHD or HD HDMI sources to eight individual 4K UHD or HD HDMI display zones using HDBaseT™ Class B technology
- 4K@60Hz 8bit 4:2:0 and 4K HDR @24Hz 10bit with chroma sub-sampling rate of 4:2:0 supported to 35m/115ft
- 1080p@60Hz 48bit color supported to 70m/230ft (including 3D)
- HDMI Inputs support 18Gb/s bandwidths
- HDCP 2.2 encryption technology supported
- Multichannel audio up to 7.1 including DTS:X and Dolby Atmos
- PoH technology powers the receivers from the matrix
- SmartEDID™ removes conflict when mixing 1080p & 4K displays by dynamically detecting display/source capabilities and automatically outputting the highest possible resolution compatible for displays
- QuickSync™ technology for near instant seamless I/O switching

- Manual EDID management via DIP to read and copy EDID from connected devices to aid communication and device compatibility
- Flexible control options – front panel push button, local IR, IR call-back from remote locations, local RS-232, and LAN, including Telnet and WebUI
- Embedded WyreStorm WebUI allows installer setup and configuration and provides simple source switching interface
- Bidirectional IR pass-through for source and sink control via discrete IR control with IR Code Edit function
- Local RS-232 serial control with drivers for leading third party control systems available
- Additional infrared extension port for longer IR connections
- Remote control able to be learned into a universal remote handset to allow the control of multiple devices from one handset
- Conforms to IEEE-568B standards

In the Box

1x MX-0808-HDBT-H2L Matrix Switcher
1x IR Remote Handset
1x IR Receiver (38Khz)
8x IR Emitters

1x 100~240V AC 50/60Hz Power Cord (US | EU | UK)
2x Mounting Brackets
1x Quickstart Guide

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Specifications

Audio and Video	
Inputs	8x HDMI 19-pin type A
Outputs	8x HDBaseT 8-pin RJ-45 female
Audio Formats	2ch PCM	Multichannel: LPCM and Up to DTS-X and Dolby Atmos

	Resoluton	HDMI	Cat6	Cat6a/7
Video Resolutions (Max)	1920x1080p @60Hz 12bit	15m/49ft	70m/230ft	70m/230ft
	1920x1080p @60Hz 16bit	7m/23ft	35m/115ft	70m/230ft
	3840x2160p @24Hz 10bit 4:2:0 HDR	7m/23ft	35m/115ft	70m/230ft
	3840x2160p @30Hz 8bit 4:4:4	3m/10ft	35m/115ft	70m/230ft
	4096x2160p @60Hz 8bit 4:2:0	7m/23ft	35m/115ft	70m/230ft
	4096x2160p @60Hz 8bit 4:4:4	7m/23ft	N/A	N/A

Color Depth	1080p: 16bit	4K UHD: 8bit	HDR @24p: 10bit BT.2020
Maximum Pixel Clock	HDMI: 600mHz	HDBaseT: 297MHz
Communication and Control	
HDMI	HDCP 2.2	EDID	DVI-D supported with adapter (not included)
HDBaseT	HDMI	HDCP 2.2	EDID	1-way PoH to Receiver	Bidirectional IR
IR	1x IR Ext - 3.5mm (1/8in) TRS Stereo	Matrix Control 8x IR RX - 3.5mm (1/8in) TRS Stereo	8x IR TX - 3.5mm (1/8in) TS Mono	Transmits to receiver via HDBaseT
RS-232	Matrix Control	Firmware Updates
Power	
Power Supply	100~240V AC 50/60Hz
PoH	48V 15.4W (each HDBT output)
Max Power Consumption	140W
Environmental	
Operating Temperature	32°F ~ 113°F (0°C ~ 45°C)	10% ~ 90%, non-condensing
Storage Temperature	-4°F to ~ 158°F (-20°C ~ +70°C)	10% ~ 90%, non-condensing
Maximum BTU	477.6 BTU/hr
Dimensions and Weight	
**Rack Units	Wall Box**	2U
**Height With	Without Feet**	95.7mm/3.7in	87.7mm/3.4in
**Width With	Without Rack Ears**	487.2mm/19in	438mm/17.1in
**Depth With	Without Handles**	423.7mm/16.5in	397.5mm/15.5in
Weight	8.48kg/18.66lbs
Regulatory	
Safety and Emission	CE	FCC	RoHS

Right Product for the Right Application.