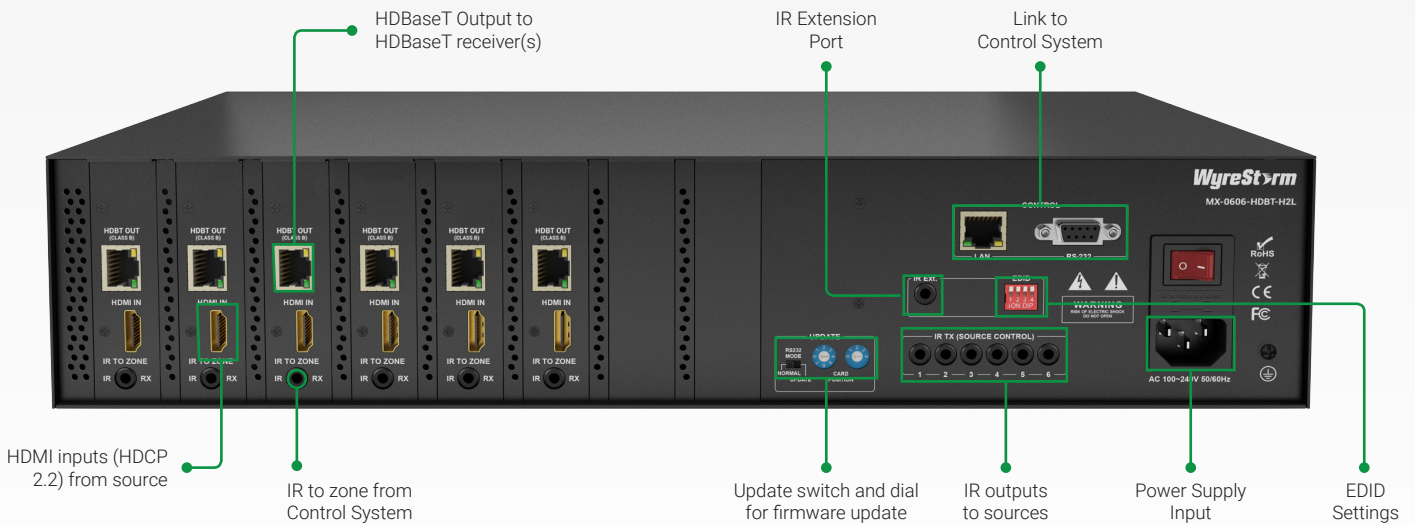


**6x6 4K HDR HDBaseT™ Matrix Switcher, including SmartEDID and HDCP 2.2 Support (4K : 35m/115ft | 1080p: 70m/230ft)**

**MX-0606-HDBT-H2L**



**Specification Sheet**



*WyreStorm - Because the Technology Matters.*

**Introduction**

For the slightly smaller project, the 6x6 model in the WyreStorm's H2L Series of matrix switchers offers the same exceptional value and distribution quality utilizing HDBaseT™ Class B technology to handle transmission of both 2K and 4K UHD video sources, including HDR, HDCP 2.2 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 six 4K UHD or HD HDMI sources to six 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-0606-HDBT-H2L Matrix Switcher
- 1x IR Remote Handset
- 1x IR Receiver (38Khz)
- 6x IR Emitters

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

# Specifications

Audio and Video				
<b>Inputs</b>	6x HDMI 19-pin type A			
<b>Outputs</b>	6x HDBaseT 8-pin RJ-45 female			
<b>Audio Formats</b>	2ch PCM   Multichannel: LPCM and Up to DTS-X and Dolby Atmos			
Video Resolutions (Max)	Resolution	HDMI	Cat6	Cat6a/7
	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	
<b>Color Depth</b>	1080p: 16bit   4K UHD: 8bit   HDR @24p: 10bit BT.2020			
<b>Maximum Pixel Clock</b>	HDMI: 600mHz   HDBaseT: 297MHz			
Communication and Control				
<b>HDMI</b>	HDCP 2.2   EDID   DVI-D supported with adapter (not included)			
<b>HDBaseT</b>	HDMI   HDCP 2.2   EDID   1-way PoH to Receiver   Bidirectional IR			
<b>IR</b>	1x IR Ext - 3.5mm (1/8in) TRS Stereo   Matrix Control 6x IR RX - 3.5mm (1/8in) TRS Stereo   6x IR TX - 3.5mm (1/8in) TS Mono   Transmits to receiver via HDBaseT			
<b>RS-232</b>	Matrix Control   Firmware Updates			
Power				
<b>Power Supply</b>	100~240V AC 50/60Hz			
<b>PoH</b>	48V 15.4W (each HDBT output)			
<b>Max Power Consumption</b>	140W			
Environmental				
<b>Operating Temperature</b>	32°F ~ 113°F (0°C ~ 45°C)   10% ~ 90%, non-condensing			
<b>Storage Temperature</b>	-4°F to ~ 158°F (-20°C ~ +70°C)   10% ~ 90%, non-condensing			
<b>Maximum BTU</b>	477.6 BTU/hr			
Dimensions and Weight				
<b>Rack Units   Wall Box</b>	2U			
<b>Height With   Without Feet</b>	95.7mm/3.7in   87.7mm/3.4in			
<b>Width With   Without Rack Ears</b>	487.2mm/19in   438mm/17.1in			
<b>Depth With   Without Handles</b>	423.7mm/16.5in   397.5mm/15.5in			
<b>Weight</b>	8.48kg/18.66lbs			
Regulatory				
<b>Safety and Emission</b>	CE   FCC   RoHS			

Right Product for the Right Application.

