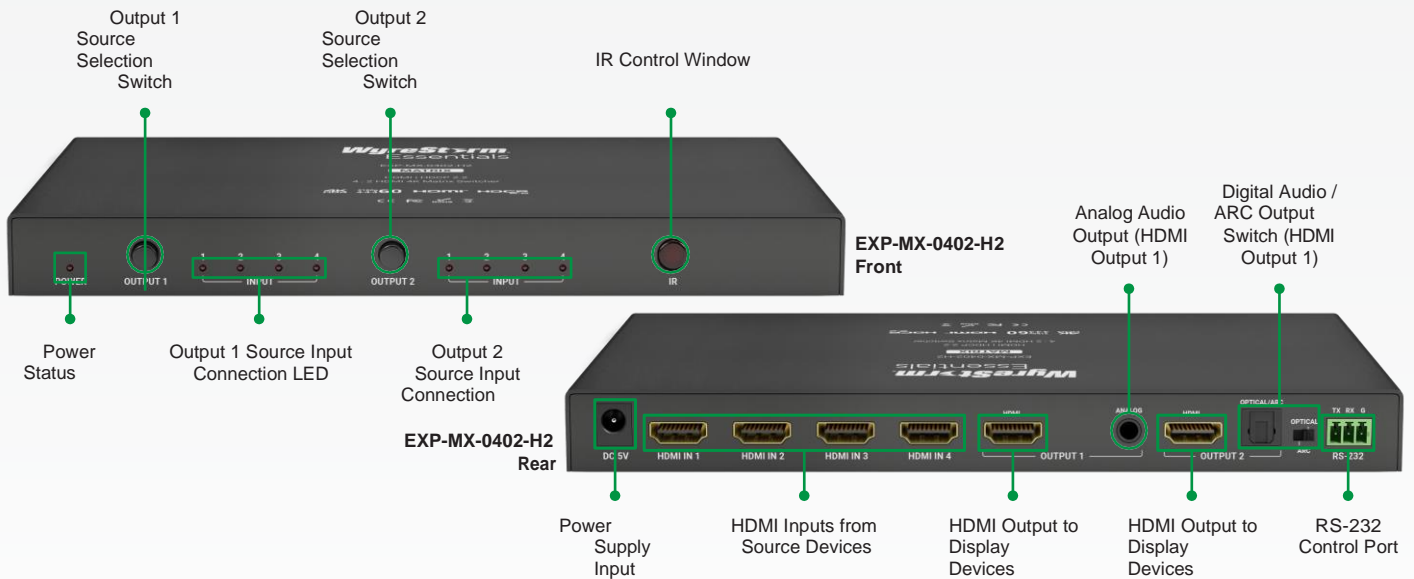


# 4K HDR 4 Input Matrix Switcher with 2 Scaling Outputs

EXP-MX-0402-H2

## Specification Sheet



WyreStorm - Powerful. Reliable. Simple.

## Introduction

The WyreStorm EXP-MX-0402-H2 is a powerful plug and play 4K matrix switcher solution. With HDMI 2.0 and HDCP 2.2 support, it allows up to four UHD 4K sources to be independently routed to two UHD displays. Each output has the capability to scale 4K content down to connected 1080p displays without affecting the 4K source. Additionally, the EXP-MX-0402-H2 supports smart features such as ARC and CEC to turn on/off connected displays via input signal status detection. Digital and analog audio breakout further makes the EXP-MX-0402-H2 a powerful, complete solution.

## Key Features

- Routes four HDMI2.0 sources to two 4K HDR Ultra HD displays
- HDCP 2.2 compliant
- Supports up to 4K Ultra HD and DCI resolutions (4096x2160p @60Hz)
- Analog audio de-embedded from HDMI output 1
- Digital audio de-embedded from HDMI output 2 or HDMI ARC from TV
- Supports 12-bit Deep Color, 3D, Lip Sync and loss-less HD audio formats pass through
- Rich control options include RS-232, IR and Push button controls
- HDMI RX and TX signal equalization for longer cable connections.

## In the Box

- 1x EXP-MX-0402-H2 Matrix
- 1x 5V DC 1A power supply
- 1x 3.5mm 3-pin Terminal Block
- 1x Remote Control Handset (CR2025 Battery not Included)
- 2x Mounting Brackets

# Specifications

<b>Audio and Video</b>		
<b>Inputs</b>	4x HDMI In: 19-pin type A	
<b>Outputs</b>	2x HDMI Out: 19-pin type A   1x 3.5mm Analog Stereo   1x S/PDIF Toslink	
<b>Audio Formats</b>	HDMI: 2ch PCM   Multichannel: LPCM and up to DTS-X and Dolby Atmos Analog: 2ch LPCM Toslink: 5.1ch surround sound	
<b>Video Resolutions (Max)</b>	<b>Resolution</b>	
	1920x1080p @60Hz 12bit	<b>HDMI</b>
	1920x1080p @60Hz 16bit	15m/49ft
	3840x2160p @24Hz 10bit 4:2:0	7m/23ft
	HDR	5m/16ft
	3840x2160p @30Hz 8bit 4:4:4	7m/23ft
3840x2160p @60Hz 10bit 4:2:0 HDR	5m/16ft	
4096x2160p @60Hz 8bit 4:2:0	7m/23ft	
4096x2160p @60Hz 8bit 4:4:4	5m/16ft	
<b>Supported Standards</b>	DCI   RGB   HDR   HDR10   Dolby Vision up to 30Hz   HLG   BT.2020   BT.2100	
<b>Maximum Pixel Clock</b>	600MHz	
<b>Communication and Control</b>		
<b>HDMI</b>	HDCP 2.2   DVI-D supported with adapter (not included)	
<b>IR</b>	1x Front Panel Sensor	
<b>RS-232</b>	1x 3-Pin Terminal Block	
<b>Power</b>		
<b>Power Supply</b>	5V DC 1A	
<b>Max Power Consumption</b>	5W	
<b>Environmental</b>		
<b>Operating Temperature</b>	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing	
<b>Storage Temperature</b>	-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing	
<b>Maximum BTU</b>	17.06 BTU/hr	
<b>Dimensions and Weight</b>		
<b>Rack Units/Wall Box</b>	<1U	
<b>Height</b>	22mm/0.86in	
<b>Width</b>	182mm/7.16in	
<b>Depth</b>	77mm/3.03in	
<b>Weight</b>	0.34kg/0.74lbs	
<b>Regulatory</b>		
<b>Safety and Emission</b>	CE   FCC   RoHS	

*Right Product for the Right Application.*

