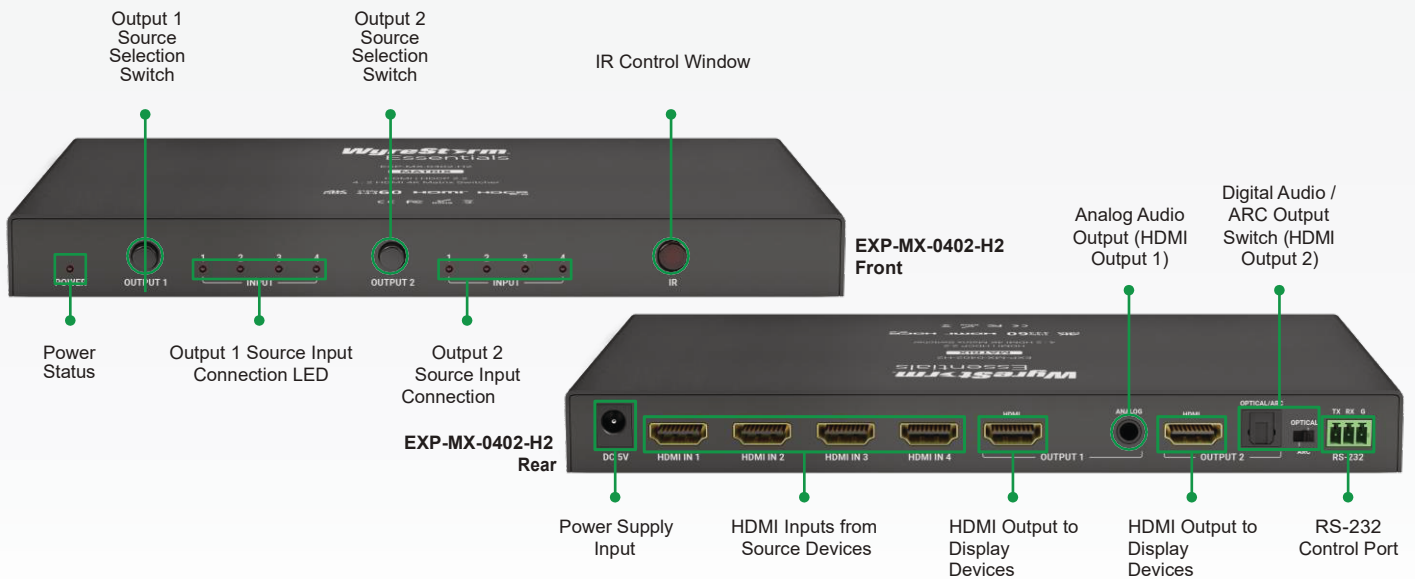


4K HDR 4 Input Matrix Switcher with 2 Scaling Outputs

EXP-MX-0402-H2



2160p 60 4:4:4 4K HDR HDMI HDCP 2.2

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

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

Right Product for the Right Application.

