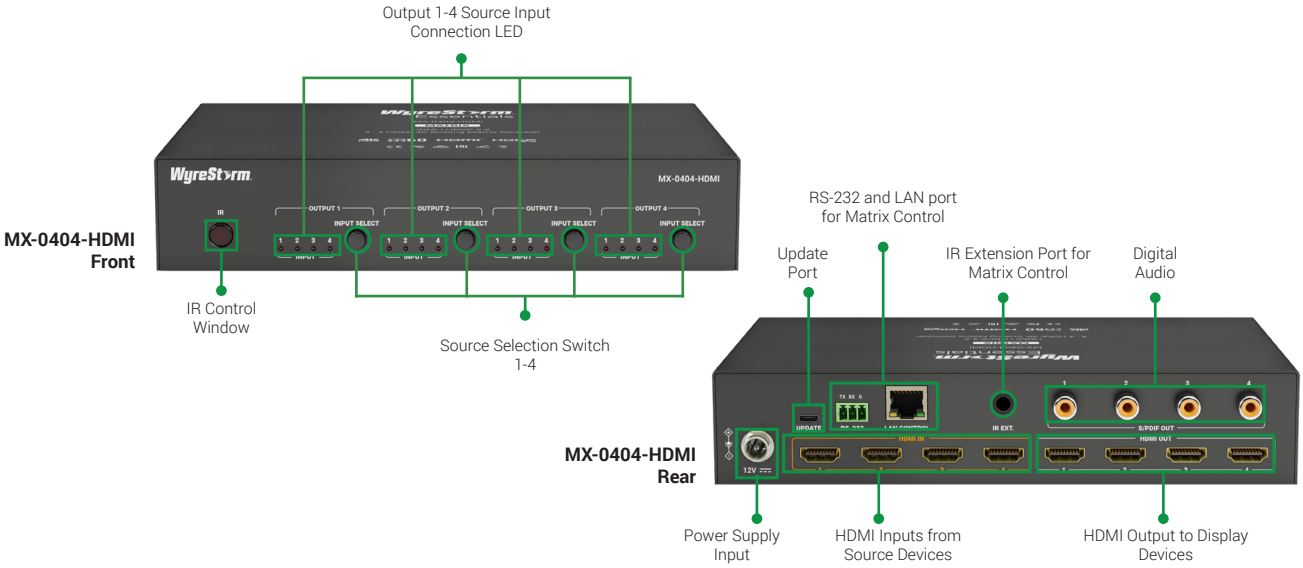
4K HDR 4 Input Matrix Switcher with 4 Scaling Outputs

MX-0404-HDMI

Specification Sheet



WyreStorm - Powerful. Reliable. Simple.

Introduction

The WyreStorm MX-0404-HDMI is a powerful plug and play 4K matrix switcher solution. With 18Gbps pure HDMI support, the MX-404-HDMI allows up to four UHD 4K sources to be independently routed to four UHD displays. Each Output has the capability to scale 4K content down to connected 1080p displays without affecting the 4K source. Furthermore, source audio breakout via digital coax supports to 5.1, which can be sent to an AVR for audio distribution. Additionally, the MX-0404-HDMI boasts an enhance API, giving the user full control over RS-232 or IP. Lastly, the MX-0404-HDMI supports automatic and time delayed CEC, powering displays on when a new source is detected and off when source sink isn't present, making the MX-0404-HDMI a powerful, complete solution.

Key Features

- Routes up to four 4K HDR HDMI sources to four 4K HDR display devices such as a TV or digital projector
- Supports 4K@60Hz 10bit 4:2:0 | 4:4:4 and HDR @ 60Hz 10bit BT.2020
- HDMI Inputs and HDMI outputs support bandwidths of up to 18Gbps
- Fully HDCP 2.2 compliant
- HDR and Dolby Vision support
- Each HDMI output supports scaling down to 1080p without affecting 4K source content
- Supports coaxial S/PDIF audio de-embed from all outputs.
- Rich control options including IR, push botton controls LAN and RS-232 control.
- Support of timed CEC trigger and time delay on both outputs when input is not detected on selected output.

In the Box

1x MX-0404-HDMI Matrix
1x 12V DC 2A power supply (US/UK/EU/AU)
1x 3.5mm 3-pin Terminal Block
1x IR Receiver
1x Remote Control Handset (CR2025 Battery not Included)
2x Rack Mounting Brackets
2x Wall Mounting Brackets

Copyright © 2021 WyreStorm Technologies | wyrestorm.com

UK: +44 (0) 1793 230 343 | ROW: 844.280.WYRE (9973)
support@wyrestorm.com

Specifications

Audio and Video		
Inputs	4x HDMI In: 19-pin type A	
Outputs	4x HDMI Out: 19-pin type A | 1x IR Extension | 4x S/PDIF Coaxial	
Audio Formats	HDMI: 2ch PCM | Multichannel: LPCM and up to DTS-X and Dolby Atmos Coaxial: 5.1ch surround sound	
Video Resolutions (Max)	**Resolution**	**HDMI**
	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 | 1x IR Ext 3.5mm (1/8in) TRS Stereo | Matrix Control	
RS-232	1x 3-Pin Terminal Block | Matrix Control (Telnet commands supported)	
Ethernet	1x LAN: 8-pin RJ-45 Female | 10/100 Mbps auto-negotiating | IP Control | Web UI	
Power		
Power Supply	5V DC 2A	
Max Power Consumption	10W	
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	42mm/1.65in	
Width	215mm/8.46in	
Depth	120.2mm/4.73in	
Weight	0.88kg/1.94lbs	
Regulatory		
Safety and Emission	CE | FCC | RoHS | EAC | RCM	

Note: WyreStorm reserves the right to change product specification, appearance or dimensions of this product at any time without prior notice.