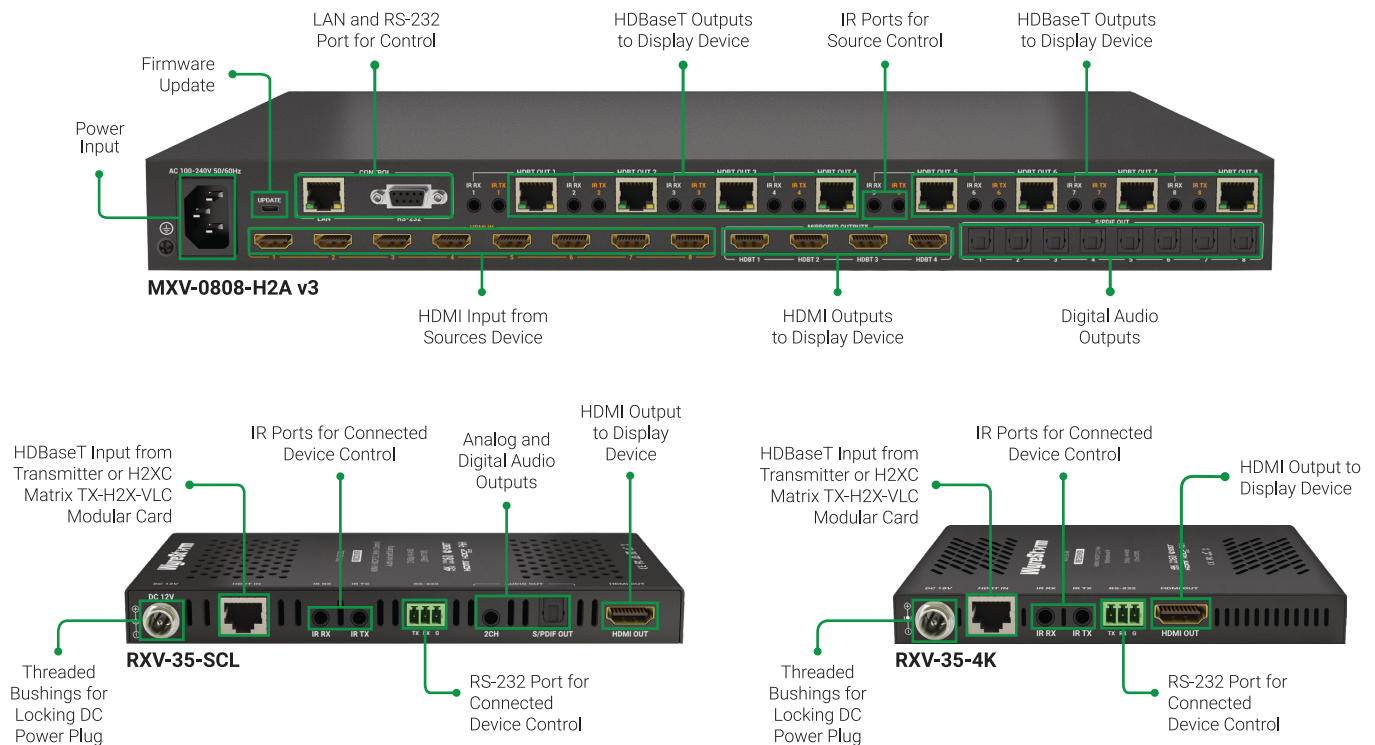


8x8 4K HDR HDBaseT Matrix Kit with 8x Receivers

MXV-0808-H2A-KIT



WyreStorm - Powerful. Reliable. Simple.

Introduction

The MXV-0808-H2A-KIT delivers the same powerful performance as the standalone MXV-0808-H2A matrix switcher, now bundled with 6 standard HDBaseT receivers and 2 scaling receivers—making it an ideal solution for installations with a mix of 4K and 1080p displays.

Capable of transmitting full 18Gbps HDMI content up to 35m/115ft using WyreStorm's advanced lossless compression (VLC), this kit maintains perfect signal integrity without compromising color fidelity—unlike other methods such as CSC that permanently discard color data.

With 8 HDBaseT zone outputs and 4 mirrored HDMI outputs, plus CEC triggering across all 12 display connections, the MXV-0808-H2A-KIT ensures seamless video distribution in residential or commercial environments where display compatibility and reliability are key.

Key Features

- HDBaseT Transmission of 4K/60 4:4:4 up to 35m/115ft to 8 zones
- S/PDIF Toslink audio matrix outputs with De-embed from source independently
- Supports 60Hz HDR-10 & HLG & Dolby Vision(LLDV) and more
- 4 mirrored HDMI outputs offering 18Gbps throughput
- API triggered standby mode puts unit into low power state during downtime
- A/V mute function cuts signal to any output on demand
- Automatic of API triggered CEC power triggers for all compatible connected screens or projectors
- Supports routable and customizable RS232 and CEC commands for easy display control

In the Box

1x MXV-0808-H2A v3 Matrix
6x RXV-35-4K Receivers
2x RXV-35-SCL Receivers
1x IR Remote
8x IR Emitters
8x Broadband IR Receivers (30-50KHz)

8x Phoenix Male Connector (3.5mm 3-Pin)
1x AC Power Cord with US Pins
1x AC Power Cord with EU Pins
1x AC Power Cord with UK Pins
1x AC Power Cord with AU Pins

2x Mounting Brackets for Matrix (1U, with Screws)
16x Mounting Brackets for Receivers (with Screws)
1x Quickstart Guide

Specifications – MXV-0808-H2A v3 Matrix

Audio and Video	
Inputs	8x HDMI In: 19-pin type A
Outputs	8x HDBT Out: 8-pin RJ-45 Female 8x S/PDIF Out: TOSLINK (Digital Optical) 4x HDMI Out: 19-pin type A
Output Video Encoding	HDBaseT Class B
Encoding Data Rate	18Gbps
End to End Latency (Max)	10µs (micro seconds)
Audio Formats	S/PDIF: 2ch LPCM Dolby Digital and DTS up to 5.1ch HDMI: 2ch LPCM Multichannel up to Dolby Atmos and DTS-X
Video Resolutions (Max)	1920x1080p @120Hz 12bit 3840x2160p @60Hz 10bit 4:2:0 HDR 4096x2160p @60Hz 8bit 4:4:4
Supported Standards	DCI RGB HDR HDR10 Dolby Vision(DVLL) up to 60Hz HLG BT.2020 BT.2100
Maximum Pixel Clock	HDMI: 600MHz HDBaseT: 297MHz
Communication and Control	
HDMI	HDMI 2.0 HDCP 2.2 EDID
HDBaseT	HDMI 2.0 HDCP 2.2 EDID CEC 1-way PoH Bidirectional IR
CEC	CEC power triggering via API Requires CEC compatibility
IR	8x IR RX: 3.5mm (1/8in) TRS Stereo 8x IR TX: 3.5mm (1/8in) TS Mono
RS-232	1x RS-232: 9-pin DB9 Female Matrix Control Telnet commands supported
Ethernet	1x LAN: 8-pin RJ-45 Female Web UI Matrix Control
Power	
Power Supply	100~240V AC 50/60Hz
Power Consumption	168W
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	574 BTU/hr
Dimensions and Weight	
Rack Units/Wall Box	1U
Height x Width x Depth	43.5mm/1.72in x 440mm/17.33in x 300mm/11.82in
Depth	120mm/4.72in
Weight	5.34kg/11.75lbs
Regulatory	
Safety and Emission	CE FCC RoHS RCM EAC UKCA

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

Specifications – RXV-35-4K Receiver

Power	
Power Supply	18V DC (Optional)
PoH	1-way Matrix to Receiver
Power Consumption	12.42W
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	43 BTU/hr
Dimensions and Weight	
Rack Units/Wall Box	<1U
Height With Without Feet	15.2mm/0.6in
Width With Without Brackets	136mm/5.38in
Depth With Without Handles	74.2mm/2.93in
Weight	0.24kg/0.53lbs
Regulatory	
Safety and Emission	CE FCC RoHS RCM EAC UKCA

Specifications – RXV-35-SCL Receiver

Power	
Power Supply	12V DC 1A (Optional)
PoH	1-way Matrix to Receiver
Power Consumption	12.42W
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	43 BTU/hr
Dimensions and Weight	
Rack Units/Wall Box	<1U
Height With Without Feet	18mm/0.7in
Width With Without Brackets	180mm/7.08in
Depth With Without Handles	80mm/3.14in
Weight	0.36kg/0.79lbs
Regulatory	
Safety and Emission	CE FCC RoHS RCM EAC UKCA

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