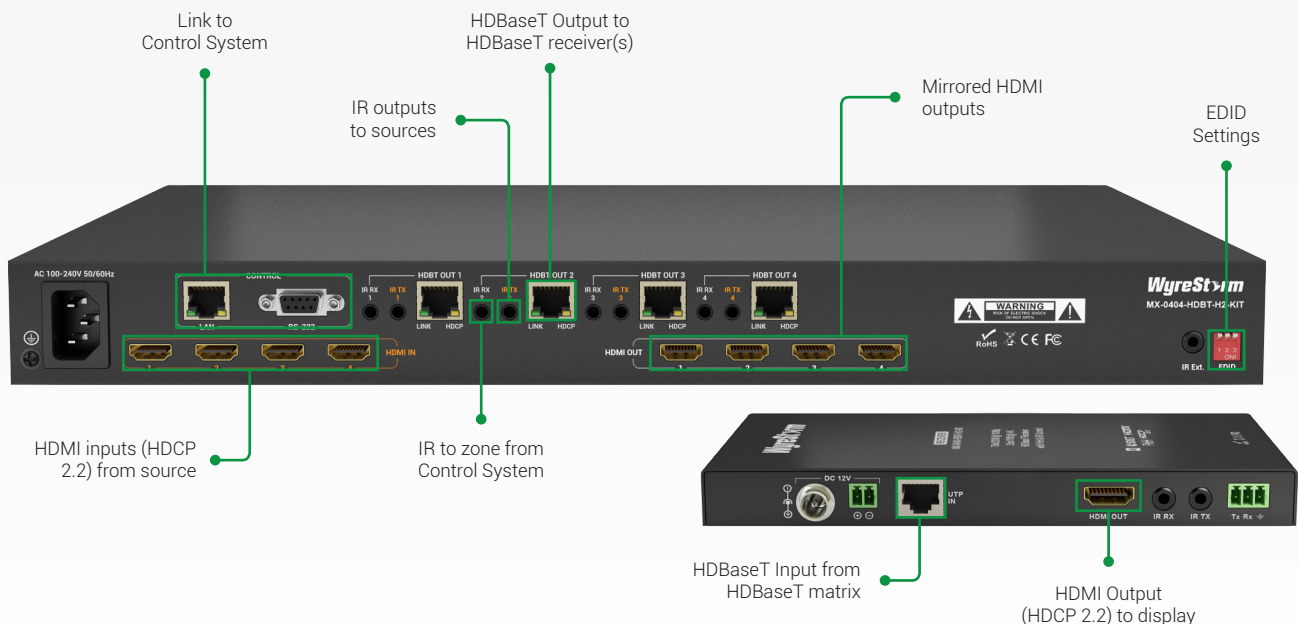


4x4 4K HDBaseT Matrix with HDCP 2.2 and 4x Low Profile PoH Receivers

MX-0404-HDBT-H2-KIT

WyreStorm
Specification Sheet



Introduction

The next generation addition to our matrix+receiver installer kits, the MX-0404-HDBT-H2-KIT offers the integrator the same flexibility, convenience and affordability, but with the power of our H2 line of HDBaseT matrices featuring support for HDCP 2.2 compliance and new 4K broadcast standards of 60Hz 4:2:0.

Supporting 4K resolution up to 35m/115ft or 1080p@60Hz/36bit up to 70m/230ft, the MX-0404-HDBT-H2-KIT features a HDBaseT 4-way matrix switcher to handle transmission of video, HD audio and 2-way external device control to 4x remotely powered low profile PoH receivers for a real plug-and-play solution in small-to-medium size projects distributing 4K content on the latest 4K source devices to 4K screens.

Key Features

- 4x4 HDBaseT 4K Matrix switcher with 4x PoH receivers for quick and easy 4K distribution straight out of the box
- HDBaseT transmission of 4K content (60Hz 4:2:0) up to 35m/115ft
- HDCP 2.2 encryption technology supporting the latest 4K sources and content
- Power-over-HDBaseT (PoH) - low-voltage power passed directly along Cat6 from matrix to all connected PoH receivers with no additional power supplies required at display zones
- Each HDMI port also supports DVI inputs
- 36bit deep color (1080p) | 24bit color (4K)
- Mirrored HDMI outputs for all 4 HDBaseT zones for connection of additional local HDMI devices
- Reads and copies EDID from connected devices with additional EDID configuration through customizable DIP switch settings if necessary
- Flexible control options – front panel buttons, infrared remote control, local IR, RS-232 and LAN
- Central RS-232 control compatible with WyreStorm Enado and third party control systems with full integration protocols available
- New integrated WebUI for LAN control with LAN protocols available for leading control systems

In the Box

1 x MX-0404-HDBT-H2-KIT HDBaseT Matrix Switcher with HDBaseT PoH display receivers
1 Handheld IR Remote
8 x IR emitters
9 x IR receivers (38kHz)
1x AC Power Cord with US Plug

1x AC Power Cord with UK Plug
1x AC Power Cord with EU Plug
1x USB to UART Serial Cable
2x Mounting Brackets and accessories (matrix)
8x Mounting brackets and accessories (receivers)
1x Quickstart Guide

Specifications

Audio and Video	
Inputs	4x HDMI 19-pin type A female
Outputs	4x HDMI 19-pin type A female (mirrors HDBT) 4x HDBaseT 8-pin RJ-45 female
Audio Formats	2ch PCM Up to 7.1 DTS-X and Dolby Atmos
Video Resolutions (Max)	HDMI 1920x1080p @60Hz 48bit (15m/50ft) 3840x2160p @24/25/30Hz 4:4:4 24bit (7m/23ft) 3840x2160p @24Hz 4:2:0 HDR 10bit per channel (3m/9.8ft) 4096x2160p @60Hz 24bit 4:2:0 (7m/23ft)
	Using Cat6/6a/7 1920x1080p @60Hz 36bit (70m/230ft) 3840x2160p @24/25/30Hz 4:4:4 24bit (35m/115ft) 3840x2160p @24Hz 4:2:0 HDR 10bit per channel (35m/115ft) 4096x2160p @60Hz 4:2:0 24bit (35m/115ft)
Color Depth	1080p: 48bit 4K UHD: 24bit HDR @24p: 10bit per channel BT.2020
Maximum Pixel Clock	HDMI: 600mHz HDBaseT: 297mHz
Communication and Control	
HDMI	HDCP 2.2 EDID DVI/D with adapter (not included)
HDBaseT	4x 8-pin RJ-45 female HDCP 2.2 EDID 1-way PoH Bidirectional IR
IR	1x Front Panel IR Sensor Matrix Control 4x IR TX 3.5mm (1/8in) Mono Bidirectional via HDBaseT 4x IR RX 3.5mm (1/8in) Stereo Bidirectional via HDBaseT 1x IR Ext 3.5mm (1/8in) Stereo Matrix Control
RS-232	1x 9-pin DB9 Female: Matrix Control-Telnet commands supported
Ethernet	1x 8-pin RJ-45 female 10/100 Mbps auto-negotiating: Built-in Web UI IP Control
Power	
Power Supply	100~240V AC 50/60Hz
Max Power Consumption	70W
PoH (1-way)	48V 15.4W
Environmental	
Operating Temperature	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C) 10% ~ 90%, non-condensing
Maximum BTU	239 BTU/hr
Dimensions and Weight	
Rack Units/Wall Box	1U
Height	43.5mm/1.72in
Width	440mm/17.33in
Depth	300mm/11.82in
Weight	4.96kg/10.91lbs
Regulatory	
Safety and Emission	CE FCC RoHS

