



4K 4x4 HDBaseT Matrix with Receivers

MX-0404-KIT

SKU: 60029

Flexible, powerful, convenient and affordable; the WyreStorm MX-0404-POH-KIT offers the integrator the best of all worlds with a combined HDBaseT PoH matrix and PoH display receiver solution offering remote power to display zones for plug-and-play simplicity for small-to-medium sized distribution and control integrations.

Features

- 4x4 HDBaseT Matrix HD switcher and 4 x Slimline HDBaseT Display Receivers
- for quick and easy installation straight out of the box
- Power-over-HDBaseT (PoH) technology enables receivers to be remotely powered by the matrix for no local power connectivity required at display zones
- Capable of 1080p/36bit HD video @60Hz, HD multichannel audio, two-way IR control and central RS232 matrix control up to 70m/230ft per output
- Quick-sync feature allows for instant switching of source signal

AUDIO AND VIDEO Matrix Receivers Inputs 4x HDMI In: 19-pin type A 1x HDBT In: 8-pin RJ-45 Female Outputs 4x S/PDIF Out: RCA Female 3x HDBT Out: 8-pin RJ-45 Female 1x HDMI Out: 19-pin type A 1x HDMI Out: 19-pin type A Output Video Encoding HDBaseT Class B Encoding Data Rate 2Gbps End to End Latency 10¹/₄s (micro seconds) Audio Formats HDMI/HDBaseT: 2ch LPCM | Multichannel up to Dolby Atmos and DTS-X S/PDIF: 2ch LPCM | Dolby Digital/DTS up to 5.1ch Analog: 2ch Analog Supported Standards DCI (4096x2160) | RGB | HDR | HDR10 | Dolby Vision up to 30Hz | HLG | BT.2020 | BT.2100 Video Resolutions (Max) Video Resolutions 1920x1080p @60Hz 12bit 1920x1080p @60Hz 16bit 3840x2160p @24Hz 10bit 4:2:0 HDR 3840x2160p @30Hz 8bit 4:4:4 3840x2160p @60Hz 8bit 4:2:0 HDMI 15m/49ft 7m/23ft 15m/49ft 7m/23ft 7m/23ft Cat6 60m/197ft 35m/115ft 60m/197ft 35m/115ft 35m/115ft Cat6a/7 70m/230ft 40m/131ft 70m/230ft 40m/131ft 40m/131ft Note: WyreStorm recommends the use of shielded category cable to minimize signal noise and interference. Supported Standards DCI (4096x2160) | RGB | HDR | HDR10 | Dolby Vision up to 30Hz | HLG | BT.2020 | BT.2100 Maximum Pixel Clock HDBaseT: 340MHz COMMUNICATION AND CONTROL HDMI HDMI 2.0 | HDCP 2.2 | EDID | CEC | DVI/D supported with adapter (not included) HDBaseT HDMI 2.0 | HDCP 2.2 | EDID | CEC | 1-way PoH | Bidirectional IR CEC CEC power triggering for connected screens - Requires CEC compatibility IR 3x IR RX: 3.5mm (1/8in) TRS Stereo 4x IR TX: 3.5mm (1/8in) TS Mono Bidirectional over HDBaseT 1x IR TX: 3.5mm (1/8in) TS Mono 1x IR RX: 3.5mm (1/8in) TRS Stereo Bidirectional over HDBaseT RS-232 1x RS-232: 9-pin DB9 Female (matrix only) 1x RS-232: 3-pin Terminal Block - 3.5mm (update only) Ethernet 1x LAN: 8-pin RJ-45 Female N/A POWER Power Supply 100~240V AC 50/60Hz 18V DC (Optional) PoH 1-way Matrix to Receiver Max Power Consumption 2W 5W with External PSU5W via PoH ENVIRONMENTAL Operating Temperature 32°F ~ 113°F (0°C ~ 45°C)10% ~ 90%, non-condensing Storage Temperature -4°F to ~ 158°F (-20°C ~ +70°C)10% ~ 90%, non-condensing Maximum BTU 164 BTU/hr 4 BTU/hr with External PSU17 BTU/hr via PoH DIMENSIONS & WEIGHT Rack Units 1U <1U Height 5mm/1.72in 15.2mm/0.6in Width 440mm/17.33in 4mm/5.38in Depth 300mm/11.82in 2mm/2.93in Weight 06kg/8.93lbs 0.24kg/0.53lbs REGULATORY Safety and Emission CE | FCC | RoHS | RCM | EAC