



Essentials 4x2 4K60 HDMI Matrix Switcher

EXP-MX-0402-H2

SKU: 25940 UPC: 814303000000

A vast upgrade from its predecessor, the EXP-MX-0402-H2 takes the EXP-MX0402-010 features to new heights, whilst maintaining its cost effect platform. Keeping up with the latest standards, the EXP-MX-0402-H2 has been upgraded to an 18Gbps backbone with HDCP 2.2 compliance and now featuring a powerful built-in auto scaler on both of its outputs allowing users to simultaneously connect a mix of 4K and 1080p displays.

If that wasn't enough, the EXP-MX-0402-H2 also includes analog and digital audio de-embed and ARC, as well as CEC triggering and RS-232 control, hosting a boat load of control features. Coupled with the WyreStorm TS-280 touchscreen and HAOC line of HDMI cables makes for the perfect power pack solution for mid to large scale residential and light commercial applications!

Features

- Routes up to four 4K HDR HDMI sources to two 4K HDR display devices such as a TV or digital projector
- Supports 4K@60Hz 10bit 4:2:0 | 4:4:4 and HDR@24Hz 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 analog audio de-embed from output 1
- Supports digital audio de-embed from output 2 or HDMI ARC from a smart display via easy to use sliding switch
- Rich control options including IR, push button controls and RS-232 control, perfect for use with WyreStorm's TS-280 touch screen
- Support of timed CEC trigger and time delay on both outputs when input is not detected on selected output.
- Enhanced API offers an abundance of control features such as video switching, audio mute of discrete audio outputs, CEC trigger and time delay, EDID control and many troubleshooting options
- Supports 12-bit Deep Color, 3D, Lip Sync and loss-less HD audio formats pass through

AUDIO AND VIDEO Inputs 4x HDMI In 19-pin HDMI type A Outputs 2x HDMI Out 19-pin HDMI 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) Video Resolutions - 1920x1080p @60Hz 12bit, 1920x1080p @60Hz 16bit, 3840x2160p @24Hz 10bit 4:2:0 HDR, 3940x2160p @30Hz 8bit 4:4:4, 3840x2160p @60Hz 10bit 4:2:0 HDR, 4096x2160p @60Hz 8bit 4:2:0, 4096x2160p @60Hz 8bit 4:4:4 HDMI - 15m/49ft, 7m/23ft, 5m/16ft, 7m/23ft, 5m/23ft, 7m/23ft, 5m/16ft Supported Standards DCI | RGB | HDR | HDR10 | Dolby Vision up 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 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 17.06 BTU/hr DIMENSIONS & 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