



4K HDR 2160p 4:4:4 60

WyreStorm - Powerful. Reliable. Simple.

Introduction

The MX-0808-SCL is a sophisticated HDMI matrix switcher designed for fast Seamless switching. Perfectly suited for professional environments such as corporate training rooms, hotel meeting spaces, and academic classrooms, this device boasts an integrated 4K60 scaler on each HDMI output, scaling from 480p to 2160p. Additionally, it features a comprehensive USB-C input, delivering support for 4K60 video, a 1GbE passthrough network connection, and PD3.0 USB host charging up to 60 watts, ensuring compatibility and ease of use across a variety of devices and setups.

Key Features

- Features integrated 4K60 scaler on each HDMI output for versatile display compatibility
- Enables fast, seamless switching across all inputs and outputs without a black screen
- Supports comprehensive connectivity including USB-C with 4K60 video, network access, and PD3.0 charging
- Includes 4 analog audio outputs, enhancing connectivity for audio distribution and integration with external audio systems

In the Box

- 1x MX-0808-SCL Matrix Switcher
- 1x AC Power Cord (US/UK/EU/AU)
- 1x 2m USB 3.1 Type-C Cable
- 1x 3.5mm 3-Pin Phoenix Male Connector
- 4x 3.5mm 5-Pin Phoenix Male Connector
- 2x 1U Rack Mounting Brackets with Screws
- 1x Quickstart Guide

Specifications

Audio and Video	
Inputs	1x USB-C Input 7x HDMI In: 19-pin type A
Outputs	8x HDMI Out: 19-pin type A 4x 4-Pin Audio Terminal Port
Video Encoding	Uncompressed
Encoding Data Rate	18Gbps
Audio Formats	2ch PCM Multichannel: LPCM and Up to DTS-X and Dolby Atmos
Video Resolutions (Max)	1920x1080p @60Hz 16bit 7m/23ft 3840x2160p @60Hz 10bit 4:2:2 HDR10/10+ 5m/16ft 3840x2160p @60Hz 12bit 4:2:0 Dolby Vision 5m/16ft 3840x2160p @50Hz 10bit 4:2:2 HLG 5m/16ft 4096x2160p @60Hz 8bit 4:4:4 5m/16ft
Supported Standards	DCI RGB HDR10 HDR10+ Dolby Vision HLG BT.2021
Maximum Pixel Clock	600MHz
Communication and Control	
HDMI	HDMI 2.0 HDCP 2.2/2.3 EDID CEC
RS-232	1x 3-pin Phoenix
LAN	1x 8-pin RJ-45 for API control (Telnet, TLS, HTTP/HTTPS for webUI)
Reset	Via API, WebUI or Pin-Hole reset button
Power	
Power Supply	AC Power Supply 100V-240V
Max Power Consumption	24W
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
Max BTU	
Dimensions and Weight	
Rack Units/Wall Box	1U
Height	43.5mm/1.71in
Width	440mm/17.32in
Depth	330mm/12.99in
Weight	
Regulatory	
Safety and Emission	CE FCC RoHS RCM EAC UKCA