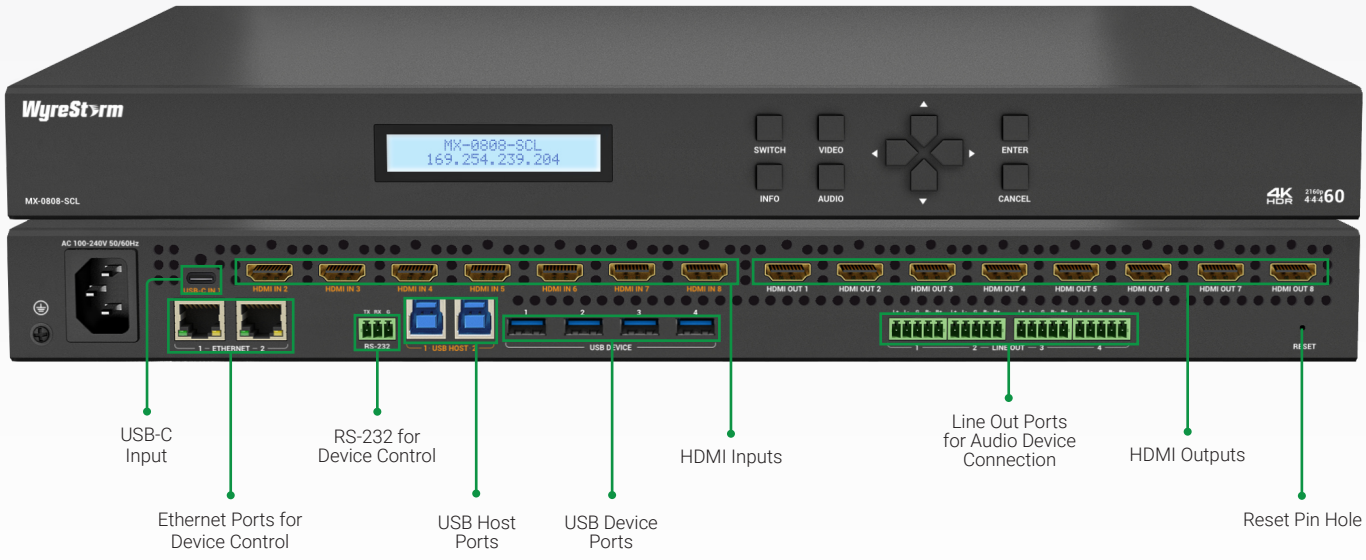
4K60 8x8 Seamless Scaling
HDMI Matrix with USB-C Support

MX-0808-SCL

WyreStorm

Specification Sheet



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

Copyright © 2025 WyreStorm ProAV Corporation | wyrestorm.com

UK: +44 (0) 1793 230 343 | ROW: 844.280.WYRE (9973)
support@wyrestorm.com

Specifications

Audio and Video	
Inputs	1x USB-C Input 7x HDMI In: 19-pin type A 2x USB-B Host
Outputs	8x HDMI Out: 19-pin type A 4x USB-A Device Port 4x 5-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.2020
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	128W (AV 68W, USB-C charging 60W)
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
Dimensions and Weight	
Rack Units/Wall Box	1U
Height	43.5mm/1.71in
Width	440mm/17.32in
Depth	330mm/12.99in
Weight	4.5kg/9.92lbs
Regulatory	
Safety and Emission	CE | FCC | RoHS | RCM | EAC | UKCA

Copyright © 2025 WyreStorm ProAV Corporation | wyrestorm.com

UK: +44 (0) 1793 230 343 | ROW: 844.280.WYRE (9973)
support@wyrestorm.com