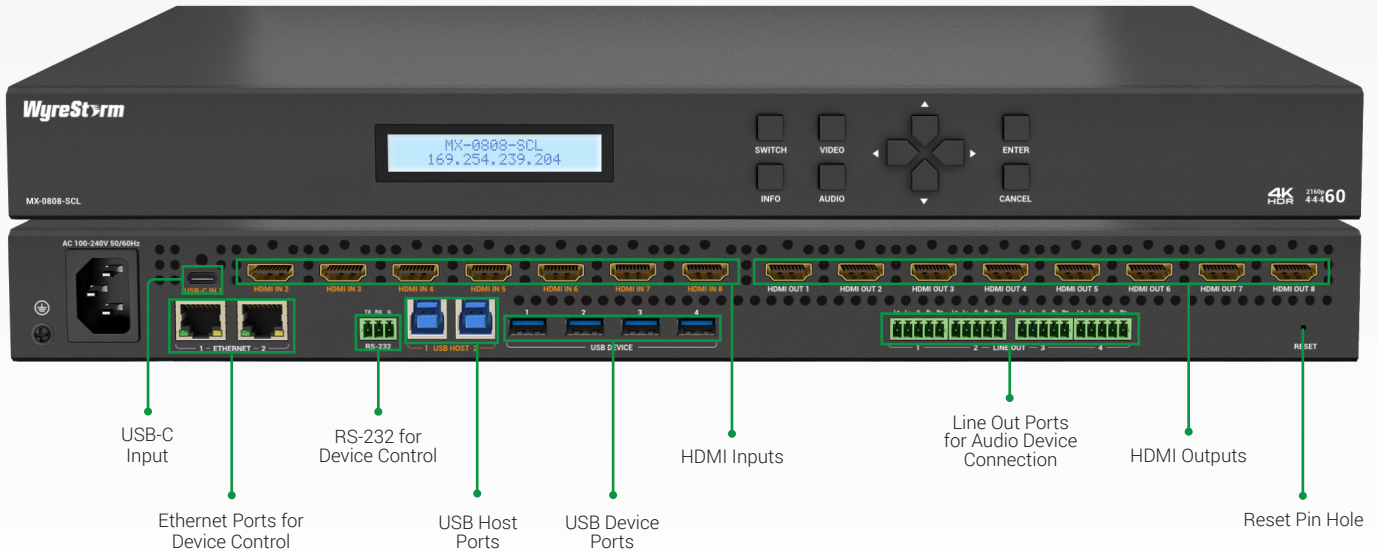


# 5K30/4K60 8x8 Seamless Scaling HDMI Matrix with USB-C Support

MX-0808-SCL

# WyreStorm

## Specification Sheet



4K HDR 2160p 4:4:4 60 HDMI HDCP 2.3

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 5K30/4K60 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 5K30/4K60 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	
<b>Inputs</b>	1x USB-C Input 7x HDMI In: 19-pin type A 2x USB-B Host
<b>Outputs</b>	8x HDMI Out: 19-pin type A 4x USB-A Device Port 4x 5-Pin Audio Terminal Port
<b>Video Encoding</b>	Uncompressed
<b>Encoding Data Rate</b>	18Gbps
<b>Audio Formats</b>	2ch PCM   Multichannel: LPCM and Up to DTS-X and Dolby Atmos
<b>Video Resolutions (Max)</b>	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 5120x2160@30Hz 8bit 4:4:4 5m/16ft 5120x1440@60Hz 8bit 4:4:4 5m/16ft
<b>Supported Standards</b>	DCI   RGB   HDR10   HDR10+   Dolby Vision   HLG   BT.2020
<b>Maximum Pixel Clock</b>	600MHz
Communication and Control	
<b>HDMI</b>	HDMI 2.0   HDCP 2.2/2.3   EDID   CEC
<b>RS-232</b>	1x 3-pin Phoenix
<b>LAN</b>	1x 8-pin RJ-45 for API control (Telnet, TLS, HTTP/HTTPS for webUI)
<b>Reset</b>	Via API, WebUI or Pin-Hole reset button
Power	
<b>Power Supply</b>	AC Power Supply 100V-240V
<b>Max Power Consumption</b>	128W (AV 68W, USB-C charging 60W)
Environmental	
<b>Operating Temperature</b>	0 to +45°C (32 to +113 °F), 10% to 90%, non-condensing
<b>Storage Temperature</b>	-20 to +70°C (-4 to +158 °F), 10% to 90%, non-condensing
Dimensions and Weight	
<b>Rack Units/Wall Box</b>	1U
<b>Height</b>	43.5mm/1.71in
<b>Width</b>	440mm/17.32in
<b>Depth</b>	330mm/12.99in
<b>Weight</b>	4.5kg/9.92lbs
Regulatory	
<b>Safety and Emission</b>	CE   FCC   RoHS   RCM   EAC   UKCA