4K60 8x12 Advanced Seamless Scaling HDMI Matrix
MX-0812-SCL

WyreStorm
Specification Sheet

Ethernet Ports for Device Control

Dante

RS-232 for Device Control

HDMI Inputs

Line Out Ports for Audio Device Connection

HDMI Outputs

Reset Pin Hole

WyreStorm - Powerful. Reliable. Simple.

Introduction

The MX-0812-SCL is an HDMI matrix switcher featuring 8 HDMI inputs and 12 outputs, each capable of handling 4K60 video, with advanced scaling for each output. It includes video processing capabilities for video walls, such as cropping, bezel correction, and the ability to rotate images, as well as multiview options like Picture-in-Picture and Quad view. Designed for various applications, it offers seamless switching, video wall control, and multiview functions, alongside comprehensive audio support through HDMI de-embedding, analog, and Dante audio connections

Key Features

- Offers a significant level of connectivity with 8 HDMI inputs and 12 HDMI outputs, all capable of handling 4K60 video
- Video wall processing capabilities, including cropping, bezel correction, scaling, and the ability to rotate images by 90, 180, or 270 degrees (Outputs 9-12)
- Provides three distinct working modes tailored for system integrator projects: seamless matrix switching, video wall controller, and multiview switcher
- Integrates HDMI audio de-embedding, analog audio connections, and a Dante 4x4 network for expansive audio distribution

In the Box

1x MX-0812-SCL Matrix
1x AC Power Cord (US/UK/EU/AU)
1x 3.5mm 3-Pin Phoenix Male Connector
4x 3.5mm 5-Pin Phoenix Male Connector
2x Mounting Brackets (with Screws)
1x Quickstart Guide

Specifications

Audio and Video	
Inputs	8x HDMI In: 19-pin type A 4x Dante Inputs
Outputs	12x HDMI Out: 19-pin type A 4x Dante Outputs 4x Analog Audio Line Level Outputs
Video Encoding	Uncompressed
Encoding Data Rate	18Gbps
Audio Formats	HDMI 2.0 Compliant
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)
USB	2x USB Host Ports, 4x USB Device Ports
Reset	Via API, WebUI or Pin-Hole reset button
Power	
Power Supply	AC Power Supply 100V-240V
Max Power Consumption	120W
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	19 Inch x 2RU
Height	440mm (Without mounting brackets)
Width	88mm (Without mounting brackets)
Depth	362mm (Without mounting brackets)
Weight	6.63kg/14.62lbs
Regulatory	
Safety and Emission	CE | FCC | RCM | EAC | UKCA