Small HDMI 2.0 Matrices

4K HDR, HDMI 2.0 Matrix Switchers

OVERVIEW

The MX-65xx Matrix Switcher Series is designed to allow the distribution of HDMI 2.0a (with HDCP) sources to multiple display devices independently or all at the same time using an intuitive front panel, infrared remote control or our control software, MX-tools.

The MX-65xx series is the perfect solution for all your installations including home theaters, classrooms or conference rooms that demand high levels of performance and superior 4:4:4 4K/60 image fidelity.

The MX-65xx is HDMI 2.0a compliant with full support for 4K2K@60 4:4:4 8bit and 10bit processing for superior deep color rendition. 3D signals are also supported. Audio includes 7.1 audio capability including DTS-HD and Dolby TrueHD.

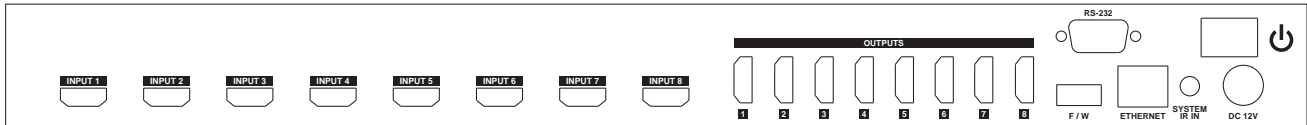|	
MX-6544	4x4 HDMI 2.0 Matrix Switcher
MX-6588	8x8 HDMI 2.0 Matrix Switcher

KEY FEATURES

- HDMI 2.0a compliant

- 4K2K@60 4:4:4 processing with 8bit and 10bit color depth

- HDR for deep color resolution

- HDCP 2.2 compliant

- Save up to 16 Presets

- Control via Front panel buttons, RS-232, TCP/IP, InfraRed and MX-tools

- Supports 7.1 channel digital audio, DTS, Master and Dolby TrueHD

- Auto detect EDID learning and management

- Robust 1RU rack-mountable metal case

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SPECIFICATIONS

HDMI compliance	HDMI 2.0a
HDCP compliance	HDCP 1.4/HDCP 2.2
Video bandwidth	Single-link 594MHz [18Gbps]
Video support	HDR 4K2K@60 (4:2:0 10bits)
	4K2K@60 (4:4:4 8bits)
Audio support	Surround sound (up to 7.1 channels) or stereo digital audio
Input	8 x HDMI (MX-6588
	4 x HDMI (MX-6544)
	1 x 9-pin D-sub Female (RS-232)
	1 x Ethernet
	1 x 3.5mm IR receiver
	1 x USB Type A (Firmware only)
Output	8 x HDMI (MX-6588)
	4 x HDMI (6544)
Control	Via Front panel button, IR remote control, RS-232 control, TCP/IP and MX-tools
IR remote control	π = 25° Carrier frequency: kHz
	Replacement Part; IRC-6
Warranty	1 Years
MTBF (hrs)	MX-6588 51,000
	MX-6544 103,000

Mechanical	
Enclosure	Metal case
Dimensions (H x W x D)	
MX-6588	1.7" x 17.3" x 8.6" [1]
	(44 x 440 x 220mm) [1]
MX-6544	1.6" x 17.3" x 6.9" [2]
	(42 x 440 x 177mm) [2]
Weight (Net)	MX-6588 5.9 lbs (2.7kg)
	MX-6544 5.2 lbs (2.4kg)
Power supply	
MX-6588	12V 7.5A DC
	Replacement part; PS-12-75-IEC-LK
MX-6544	12V 2A DC
	Replacement part; PS-12-20-IEC-C8-LK
Power consumption	
MX-6588	60 Watts (max)
MX-6544	25 Watts (max)
Operating Temp	0° to 40°C (32° to 104°F)
Relative Humidity	20% to 90% Non-condensing
Storage Temp	-20° to 60°C (-4° to 140°F)
Regulatory compliance	FCC, CE, RoHS, UL

*Specifications subject to change without notice

MX-6588

MX-6544

APPLICATION DRAWING

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