

# MX-6388

## 8x8 HDMI Matrix Switcher



### Key Features

- 8x8 Matrix HDMI Signal Switching
- Full HDCP Compliance
- 480i to 1080p HDTV & VGA– WUXGA Resolutions
- HD up to 1080p60 Signals are Supported
- Supports DTS-HD Master Audio, Dolby True-HD, DTS, DD+ and DD Embedded Audio
- Per-output Monitor EDID Cloning Support
- Buffered Video Signal Handling
- IR Remote, RS-232 and Ethernet Control
- Rack Mount Kit included

### MX-6388

#### Overview

MX-6388 8x8 HDMI Matrix Switcher is designed to allow distribution of eight HDMI (w/HDCP) sources to eight devices independently or all at the same time. All video paths are buffered to prevent cross talk and 480i through 1080p HDTV signals, plus VGA (640x480) through WUXGA (1900x1200) signals are accepted as valid inputs and outputs. 3D signals are also supported.

All inputs are processed at full bandwidth, using single link, 225 MHz (6.75Gpbs) circuitry so as to deliver no compromise outputs on all paths. Switcher memory is employed to insure last selection recall should power be temporarily lost. RS-232, Ethernet and Infrared control supplement front panel input/output selection and a rack mount kit is included with the switcher. The MX-6388 also provides output independent, per-input EDID cloning support.

### Specifications

#### Video Input

HDMI 8x via HDMI Type A Connector

#### Video Output

HDMI 8x via HDMI Type A Connector

#### Performance

Video Resolution 480i through 1080p (12bit color),  
VGA through WUXGA

Supported Standards HDMI 1.3, HDCP 1.1, DVI 1.0

Supported Signal Types HDMI/HDMI Deep Color, 3D

Video Processing Single-Link, 225MHz, 6.75Gbps

Device Control Methods Front Panel, IR, RS-232, Ethernet

EDID Capability Standard Monitor Resolutions

#### Video Formats

24 Bit RGB/YCbCr 4:4:4

30/36 Bit RGB/YCbCr 4:4:4 (Deep Color)

24/30/36 Bit RGB/YCbCr 4:2:2

#### Audio Formats

Embedded Audio DTS-HD Master Audio, DTS, Dolby TrueHD, DD+, DD

#### Mechanical (H-W-D)

MX-6388 44x440x310mm (1.75" x 17" x 12.2")

MX-6388 with rack mount 44x482x310mm (1.75" x 19" x 12.2")

#### Weight

MX-6388 3.326 Kg (7.3lbs)

#### Warranty

Limited Warranty 1 Years Parts and Labor

#### Environmental

Operating Temperature 0° to +40° C (+32° to +104° F)

Operating Humidity 20% to 90%, Non-condensing

Storage Temperature -20° to +60° C (-4° to +140° F)

Storage Humidity 20% to 90%, Non-condensing

#### Power Requirement

Internal Power Supply 100-240VAC, 50-60Hz, 60W

#### Regulatory Approvals

Main Unit FCC, CE, RoHS

Power Supply UL, CUL, CE, PSE, GS, RoHS

#### Accessories Included

1x AC Power Cable US, UK and Euro

1x IR Remote Control Infrared

1x IR Extender

1x Rack Mount Kit

1x Operations Manual

#### Optional Accessories

Cables/Adapters Various Types and Lengths

#### Model Number

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### Panel Drawings

