



## HDMI Matrix Routing Switcher

Model: MX-6388

**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 (6.75Gbps) 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.



### Key Features of the DVI Matrix Routing Switcher

- 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

### Specifications

#### Video Inputs

HDMI Video 8x Type A HDMI

#### Video Outputs

HDMI Video 8x Type A HDMI

#### 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 True-HD, DD+, DD

#### Mechanical

Size (H-W-D) 1.75"x17"x12.2"(44x440x310mm)  
Size (H-W-D) (Rack Mtg.) 1.75"x19"x12.2"(44x482x310mm)  
Weight (Net) 7.3 lbs. (3.326kg)

#### Warranty

Limited Warranty 3 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 100-250VAC, 50-60Hz, 60W

#### Regulatory Approvals

Switcher Units FCC, CE, RoHS  
Power Supplies UL, CUL, CE, PSE, GS, RoHS

#### Accessories Included

1x AC Power Cable US, UK or European Type  
1x IR Remote Control Infrared  
1x IR Extender  
1x Rack Mount Kit

#### Optional Accessories

Cables/Adapters Various Types and Lengths

### Panel Drawings

