

# MX-8488

## 8x8 HDMI/HDBaseT Matrix Switcher



### Key Features

- 8x HDMI inputs
- 8x HDBaseT outputs
- HDMI v1.3, HDCP v1.1 & DVI v1.0 compliant
- Deep Color & 3D support
- 7.1 LPCM, Dolby TrueHD & DTS-HD Master Audio support
- IR I/O support
- Rack-mountable
- Controllable via Front panel, RS-232, IR & Ethernet
- EDID setting support
- PC resolutions VGA-WUXGA
- Video resolutions 480i-1080p
- Power over HDBaseT support

### MX-8488

#### Overview

The MX-8488 is designed to distribute up to 8 HDMI sources (with 3D support) to up to 8 different destinations via HDBaseT over Cat.6. The MX-8488 supports HDMI (with HDCP) video with Deep Color, EDID and 7.1 channel audio. The video quality is excellent and the switcher uses single link (225MHz/6.75Gbps) video processing circuitry. The MX-8488 HDMI Matrix Switcher offers a convenient and cost effective method for the switching of high quality HDMI video. The MX-8488 is ready to provide an HDMI matrix switching solution ideal for boardroom, showroom, or exhibition use. Regardless of whether you use the IR remote, RS-232, Ethernet, or the front panel push button operation, control of the MX-8488 couldn't be easier.

### Specifications

#### Video Input

HDMI 8x via HDMI Connector

#### Video Output

HDMI 8x via RJ45 Connector

#### Additional I/O

RS-232 Control 1x via DB9 Connector

Ethernet Control 1x via RJ45 Connector

IR Receiver 9 via 3.5mm mini

IR Transmitter 9 via 3.5mm mini

Service 1x Mini-USB

#### Supported Signals & Protocols

Industry Standards HDMI v1.3, HDCP v1.1, DVI 1.0, 3D, Infrared

#### General Specifications

Video Bandwidth 225MHz/6.75 Gbps

Maximum Resolutions HD to 1080p@60Hz,

PC to 1920x1200 @60Hz

Color Depth 8-bit/10-bit/12-bit

HD Audio formats 7.1 LPCM, Dolby TrueHD, DTS-HD Master Audio

Audio Sampling Rate Up to 192kHz

IR Frequency 30-50kHz

#### Maximum Range

Source to Matrix 1080p/ 8-bit 15m (45')

1080p/12-bit 10m (30')

Matrix to HDBaseT RX 100m (325')

#### Control Methods

Local Control Front Panel via 13 Buttons

Remote Control IR, RS-232 and Ethernet

#### 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

#### Warranty

Limited Warranty 3 Years Parts and Labor

#### Regulatory Approvals

Main Unit FCC, CE, RoHS

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

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

MX-8488 93x438x255mm (3.7" x 17.3" x 10")

#### Weight

MX-8488 4.46 Kg (9.83lb)

#### Power Requirement

External PSU 24VDC@6.25A Push Lock Connector

Optional PSU (PoH support) 24VDC@6.25A Push Lock Connector

Power consumption 64W

Power with PoH enabled 120W

#### Accessories Included

2x DC Power Adapter US, UK and Euro

1x IR Remote Control

2x IR Transmitter

2x IR Receiver

1x Rack Mount Kit

1x Operations Manual

#### Model Number

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### Panel Drawings

