**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

**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. The MX-8488 is compatible with the following tvONE HDBaseT receivers: HD One LX/DX (non-PoH mode only), 1T-CT-654, 1T-CT-652 and 1T-CT-642.

**Specifications**

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**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’)
- 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”)

**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**

- MX-8488: 8x8 HDMI/HDBaseT Matrix Switcher