

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



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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

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

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Panel Drawings

