MX-6388

8x8 HDMI Matrix Routing Switcher

Key Features MX-6388

- 8x8 Matrix HDMI Signal Switching
- Full HDCP Compliance
- 480p 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 8x8 HDMI Matrix Routing Switcher is designed to allow distribution of 8 HDMI sources to eight devices independently or all at the same time. All video paths are buffered to prevent video cross talk. The unit is HDCP compliant and allows resolutions from 480p to 1080p HDTV & VGA-WUXGA resolutions while also handling HD up to 1080p60 signals.

All inputs are processed at full bandwidth, using single link, 165 MHz (4.95Gpbs) 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.

MX-7388

8x8 3G SDI Matrix Routing Switcher

Key Features MX-7388

- 8x8 Matrix 3G SDI Signal Switching
- Switching Synchronized to Sync Input Timing
- IR Remote, RS-232 and Ethernet Control
- Rack Mount Kit included

MX-7388 8x8 3G SDI Matrix Routing Switcher is designed to allow distribution of 8 3G-SDI sources to eight devices independently or all at the same time. All switching is synchronized to sync input timing. The unit allows for triple rate signal processing of the 3G-SDI, HD-SDI and SDI signals. Resolutions of up to and including 1080p60 is supported.

All inputs are processed at data rates of 270/1483/1485/2970 Mbps with equalized and re-clocked outputs to maintain signal path integrity. 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 MX-7388.

Routing Switchers

MX-6388 Specifications

Video Inputs
HDMI Video   8x Type A HDMI

Video Outputs
HDMI Video   8x Type A HDMI

Performance
Video Resolution	480p through 1080p, VGA through WUXGA
Supported Standards	HDMI 1.3, HDCP 1.1, DVI 1.0
Video Processing	Single-Link, 165MHz, 4.95Gbps
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" x 17" x 11.4" (44 x 440 x 290mm)
with Rack Mount	1.75" x 19" x 11.4" (44 x 482 x 290mm)
Weight (Net)	7.2 lbs. (3.2kg)

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 Rack Mount Kit	
1x Operations Manual	

Optional Accessories
Cables/Adapters   Various Types and Lengths

MX-7388 Specifications

Video Inputs
3G/HD/SD-SDI	8x via BNC Connector
Sync	1x via BNC Connector

Video Outputs
3G/HD/SD-SDI	8x via BNC Connector
Sync Out	1x via BNC Connector

SDI Transport
SDI Standards	3G/HD/SD-SDI
Data Rates	270 / 1483 / 1485 / 2970 Mbps
Video Bandwidths	[2.97Gpbs & 2.97/1.001Gbps]
Supported Protocols	SMPTE 259M,292M,424M,425M
Signal Reclocking	All Outputs
Ancillary Data	Pass-thru, All Outputs
I/O Impedance	75Ω

Performance
Video Resolution	480p60 through 1080p60
Device Control Methods	Front Panel, IR, RS-232,Ethernet

Mechanical
Size (H-W-D)	1.75"x17"x12.2"(44x440x310mm)
with Rack Mount	1.75"x19"x12.2"(44x482x310mm)
Weight (Net)	8.0 lbs. (3.6kg)

Max Cable Distances
Reference: Belden 1694A 3G: 100m (300'), HD: 150m (500'), SD: 300m (1000')

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   100-240VAC, 50-60Hz, 60W

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

Accessories Included
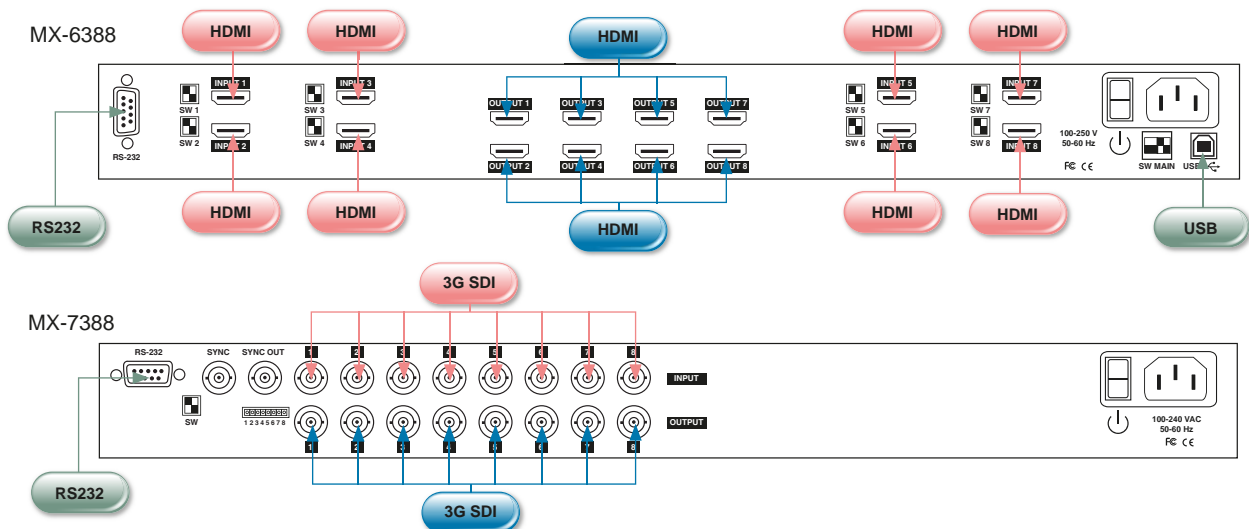|	
1x AC Power Cable	US, UK or European Type
1x IR Remote Control	Infrared
1x Rack Mount Kit	
1x Operations Manual	

Optional Accessories
Cables/Adapters   Various Types and Lengths

Control Interface   Input   Output   Input/Output

MX-6388

HDMI HDMI HDMI HDMI HDMI

RS232 HDMI HDMI HDMI HDMI HDMI USB

INPUT 1 SW 1 SW 2 INPUT 2 SW 3 INPUT 3 SW 4 INPUT 4 OUTPUT 1 OUTPUT 3 OUTPUT 5 OUTPUT 7 OUTPUT 2 OUTPUT 4 OUTPUT 6 OUTPUT 8 SW 5 SW 6 INPUT 5 INPUT 6 SW 7 SW 8 INPUT 7 INPUT 8 100-250 V 50-60 Hz SW MAIN USB

MX-7388

3G SDI

3G SDI

RS232

RS-232 SYNC SYNC OUT INPUT OUTPUT 100-240 VAC 50-60 Hz