



HMX-144 Matrix

## 4x4 HDMI Matrix Switcher

- HDMI version 1.3 compliant
- Supports 1080p, Deep Color, and high bit rate audio
- Control via front panel, IR, or RS-232
- Rack mount hardware included

The HMX-144 features full HDMI version 1.3 support, including 1080p video, high bit rate audio, and 30-bit deep color. Controllable via RS-232, IR, and front panel controls, the device can be easily integrated with third party control systems. HDMI connectors are compatible with screw-type locking HDMI cables to ensure a solid connection.

## MODEL HMX-144 FEATURES:

- Delivers four HDMI source signals to any of four compatible displays
- Supports deep color: 10 bits per TMDS channel (30 bit, sum of all channels)
- Supports 480i, 480p, 720p, 1080i, 1080p and multiple PC resolutions
- Supports Dolby Digital Plus, Dolby® Digital TrueHD, DTS-HD: Master Audio, and LPCM
- HDMI version 1.3 compliant, HDCP version 1.1 compliant
- IR remote control, RS-232 control, or front panel control
- IR extender and IR remote control included
- Accepts locking HDMI cables
- Dimensions: 1.75x17.2x6.9 (44x438x175mm)



HMX-144 rear view



IR Remote

## SPECIFICATIONS:

<b>Video Inputs:</b>	HDMI video (or DVI w/cable adapters) 4x via HDMI Type A connectors*	<b>Control Methods:</b>	Front panel, infrared remote, RS-232
<b>Video Outputs:</b>	HDMI Video (or DVI with cable adapters) 4x via HDMI Type A connectors*	<b>Size:</b>	1.75" x 17.2" x 6.9" (44x438x175mm)
<b>Audio Formats:</b>	HDMI embedded digital audio including Dolby® TrueHD & DTS-HD: Master Audio, Dolby Digital Plus, LPCM	<b>Weight:</b>	(Net) 6.8 lbs (3.1Kgs)
<b>Compliance:</b>	HDMI v1.3, HDCP 1.1, DVI 1.0	<b>Limited Warranty:</b>	1 Year Parts and Labor
<b>Signal Processing:</b>	Compensated, clock phase adjusted	<b>Operating temperature:</b>	+32° to +122° F (0° to +50° C)
<b>Jitter Processing:</b>	Reconstituted signal; jitter free	<b>Operating Humidity:</b>	10% to 90%, Non-condensing
<b>Color Processing:</b>	30 bit (10 bits per TMDS channel)	<b>Storage temperature:</b>	+14° to +140° F (-10° to +60° C)
<b>Data Rate:</b>	2.25Gbps (single link)	<b>Storage Humidity:</b>	10% to 90%, Non-condensing
<b>TMDS Clock Speed:</b>	225MHz	<b>Power Requirement:</b>	External power supply 5V DC
<b>Video Resolutions:</b>	480i - 1080p, VGA - UXGA	<b>Regulatory Approvals:</b>	Matrix unit: FCC, CE, RoHS
<b>Audio Processing:</b>	Dolby, DTS 32-192fs sample, LPCM 7.1/ch	<b>Power Supply Approvals:</b>	UL, CUL, CE, PSE, GS, RoHS
<b>Maximum Cable Length:</b>	Input: 20m (66 ft.) @ 1080p/8 bit Output: 15m (49 ft.) @ 1080p/8 bit	<b>Accessories Included</b>	AC adapter, IR remote, rack mount kit, jack screws, IR extender, User manual

\*Jack screws are included to accommodate locking type HDMI connectors.  
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