



HMX-244 Matrix

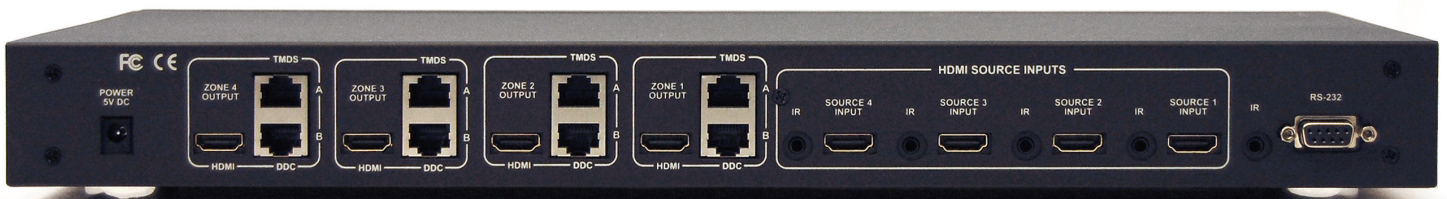
## 4x4 HDMI® Matrix Switcher

- Supports 1080p, Deep Color, and high bit rate audio
- Control via front panel, IR, or RS-232
- Cat 5 or HDMI output options
- Rack mount hardware included
- HDMI, and HDCP compliant

The HMX-244 supports HDMI version 1.3 features, including 1080p video, Bitstream 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. Outputs can be HDMI or UTP, terminated at a zone receiver, the Model 1380R (sold separately).

## FEATURES:

- Delivers four HDMI source signals to any of four video displays
- Optional Cat 5 zone receiver (1380R, sold separately) terminates dual Cat 5e/6 cables up to a maximum distance of 130 ft. (40m)
- 1380R provides a built-in IR receiver that transmits IR commands from the zone to the HMX-244 for source switching and control
- Input switching can be performed through RS-232 or IR
- Supports deep color: 12 bits per TMDS channel (36 bit, sum of all channels)
- Supports 480i/p, 576i/p, 720p, 1080i/p and multiple PC resolutions
- Supports Dolby Digital Plus, Dolby® Digital TrueHD, DTS-HD: Master Audio, and LPCM
- IR remote control, RS-232 control, or front panel control
- Rack mountable with included hardware



HMX-244 rear view

1380R front view



1380R rear view

## SPECIFICATIONS:

HDMI Connector . . . . . type A 19 pin female  
 Input DDC Signal . . . . . 5 volts p-p (TTL)  
 Control Port . . . . . RS-232 female, mini-stereo  
 Vertical Frequency Range . . . . . 50/60Hz  
 Video Amplifier Bandwidth . . . . . 2.25Gbps/225MHz  
 Interlaced (50&60Hz) . . . . . 480i,576i,1080i  
 Progressive (50&60Hz) . . . . . 480p,576p,720p,1080p  
 HMX-244 Cabinet Size (H-W-D) . . . . . 1.75"x 17.2"x 6.9" (44x438x175mm)  
 Weight (HMX-244 Matrix) . . . . . 2218g net  
 Limited Warranty . . . . . 1 year parts and labor  
 Operating Temperature . . . . . 0° to +70°C

Operating Humidity . . . . . 10° to 85°C RH (no condensation)  
 Storage Temperature . . . . . -10° to +80°C  
 Storage Humidity . . . . . 5% to 90% RH (no condensation)  
 Power Supply for HMX-244 Matrix . . . . . Output: 5.5V DC@4A; 20W  
 Power Supply for 1380R Zone Receiver . . . . . Output: 5V DC@2A; 5W  
 HMX-244 Matrix and 1380R Receiver . . . . . FCC, CE, UL  
 Power Supply . . . . . FCC, CE, UL  
 AC Power Adapter . . . . . Input: AC 100-240V 50/60Hz, 1.5A  
 Mounting Hardware . . . . . Rack ears for HMX-244  
 User Manual . . . . . 12 pages, printed