

Overview:

The HDMI 4x4 Matrix, 4K/60 (4:4:4) connects four HDMI sources to four displays. This matrix provides four HDMI outputs supporting up to 4K/60 (4:4:4) plus all 3D formats, and supporting independent EDID control. It works with Blu-Ray players, Media Players/Streamers, Cameras, Set-Top boxes, Home Theater systems, and game consoles that connect to an HDMI display. Any source is accessible at all times by any display by selecting it via the supplied IR Remote Control, RS-232, TCP/IP or by using the selection buttons on the front panel.

Applications:

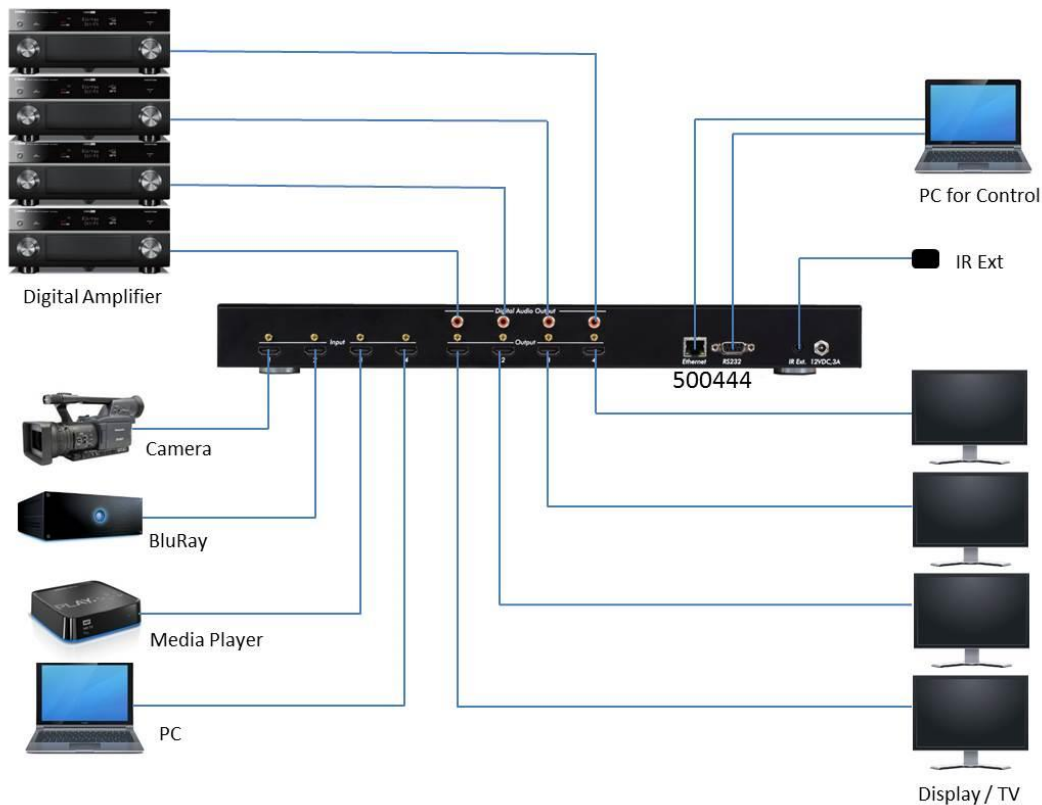
- Commercial and residential AV systems
- Classroom training systems
- Digital signage
- Boardroom systems
- Collaborative PC systems
- Medical information systems



Key Features:

- Supports HDMI 2.0 (4K/60, 4:4:4)
- Supports 4K/60 (4:2:0) for compatibility with HDBT extenders
- HDCP 2.2 compliant
- Full HDR support
- Powerful EDID management
- Supports LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus, Dolby Atmos, DTS-HD Master Audio & DTS:X
- Supports a Coax digital audio out (S/PDIF)
- Available Windows GUI control software
- Controllable via front panel, IR, RS232 and Telnet
- Fits on a standard 19" rack

Typical Application





Specifications	
Environment	HDMI 2.0a
Devices	4K Blu-Ray, media players/streamers, projectors, monitors, TV, PC, laptops.
Transmission	Transparent to the user.
Video Bandwidth	18Gbps
Maximum Pixel Clock	594Mhz
Signals	HDMI 2.0a (4K/60 4:4:4) protocol and HDCP 1.4 & 2.2
Video Resolution	VESA and SMPTE 480p to 2160p (4K) With 3D Bit depth: 8, 10, 12
Connectors	Four (4) HDMI connectors, for HDMI Input Four (4) HDMI connectors, for HDMI Output One (1) 3.5mm Jack, for IR Sensor One (1) DB9 connector for RS232 management One (1) RJ45 Shielded connector for Ethernet Four (4) Coax Digital Audio Outputs One (1) 2.1mm barrel locking connector for Power
Audio	Supports LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus, Dolby Atmos, DTS-HD Master Audio & DTS:X
Cable	Eight (8) HDMI cables of appropriate length for video resolution selected Cat 5e/6 or better twisted pair cable for Ethernet One DB9 serial cable for RS232
Maximum Distance	10m for HDMI cable <i>Cables not included.</i>
Power Supply	One (1) 110-240VAC to 12VDC/5.0A power supply
Temperature	Operating: 0° to 40°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing
Enclosure	Metal enclosure
Bracket	Included
Dimensions	17.20" x 1.69" x 8.86" (437mm x 43mm x 225mm)
Weight	9.69lbs (4.40kg)
Compliance	Regulatory: FCC, CE, RoHS
Warranty	2 years
Order Information	500444-US HDMI 4x4 Matrix Switch, 4K/60, US (UPC: 627699014448) 500444-UK HDMI 4x4 Matrix Switch, 4K/60, UK (UPC: 627699914441) 500444-EU HDMI 4x4 Matrix Switch, 4K/60, EU (UPC: 627699814444)

MuxLab Inc.

8495 Dalton Road, Mount Royal, Quebec, Canada, H4T 1V5
 Tel: (514) 905 0588 Fax: (514) 905 0589
 Toll Free: 1 877 689-5228
 E-mail: videoease@muxlab.com
www.muxlab.com