Overview:

The HDMI 8x8 Matrix, 4K/60 (4:4:4) connects eight HDMI sources to eight displays. This matrix provide eight HDMI outputs and each HDMI output is supporting up to 4K/60 (4:4:4) plus all 3D formats and supporting independent EDID control, with scaling capability so that different displays each with different resolutions can be simultaneously supported. 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.
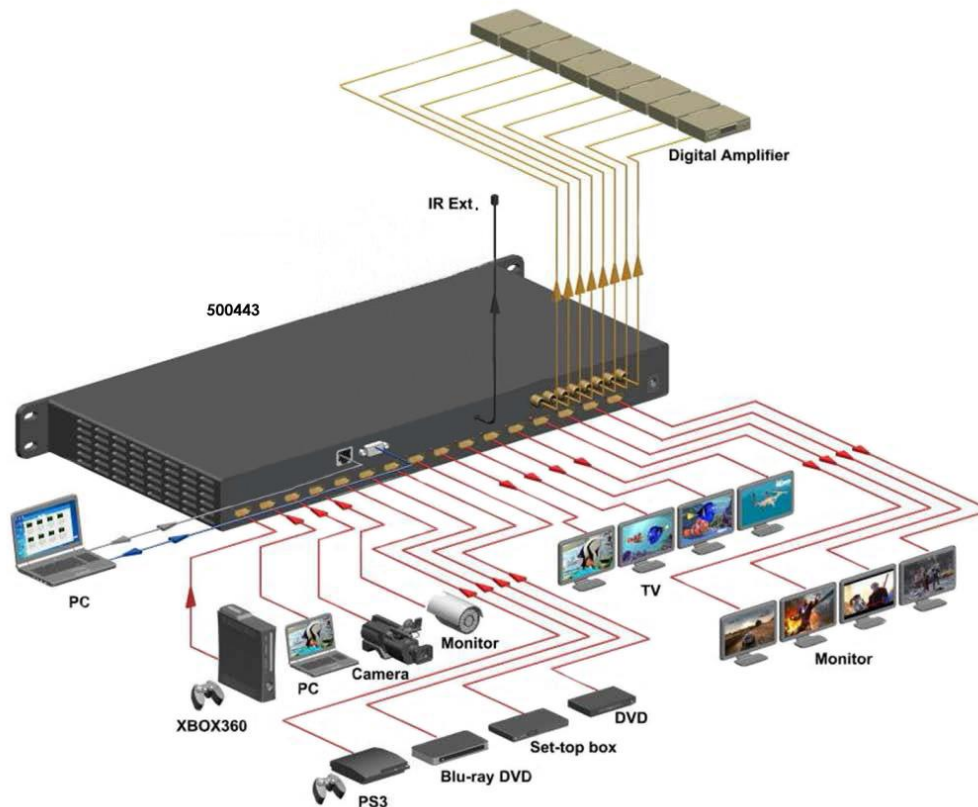
Applications:

- 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)
- HDCP 2.2 compliant
- Full HDR support
- Powerful EDID management
- Supports independent port scaling and displays with different resolutions
- 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 Window's 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	Eight (8) HDMI connectors, for HDMI Input Eight (8) 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 Eight (8) 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	Sixteen (16) 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 *Cables not included.*	10m for HDMI cable
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	500443-US HDMI 8x8 Matrix Switch, 4K/60, US (UPC: 627699014431)
	500443-UK HDMI 8x8 Matrix Switch, 4K/60, UK (UPC: 627699914434)
	500443-EU HDMI 8x8 Matrix Switch, 4K/60, EU (UPC: 627699814437)

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