Overview:

The 6x1 HDMI 2.0 Multimedia Presentation Switch is a compact scaler switcher with 6 video inputs (3x HDMI, 1x DisplayPort 1.2a, 1x USB Type-C, and 1x VGA) and supports up to a 4K/60 (4:4:4) video resolution @ 8 bits and 1080p/60 3D. The unit supports HDCP 2.2, HDR 10, smart EDID management, and a 2CH Analog Audio extract port, plus 5.1CH Digital Audio extract. The device will pass-through audio signals up to Dolby Atmos and DTS:X. In addition, two of the HDMI ports support MHL for smartphone & tablet connectivity.

The 6x1 HDMI 2.0 Multimedia Presentation Switch scales & switches any video signal to the HDMI output. The inputs may be switched under user control, either locally via push buttons and remotely via IP, RS232 and IR remote control, or it may be controlled automatically via "Auto" mode.
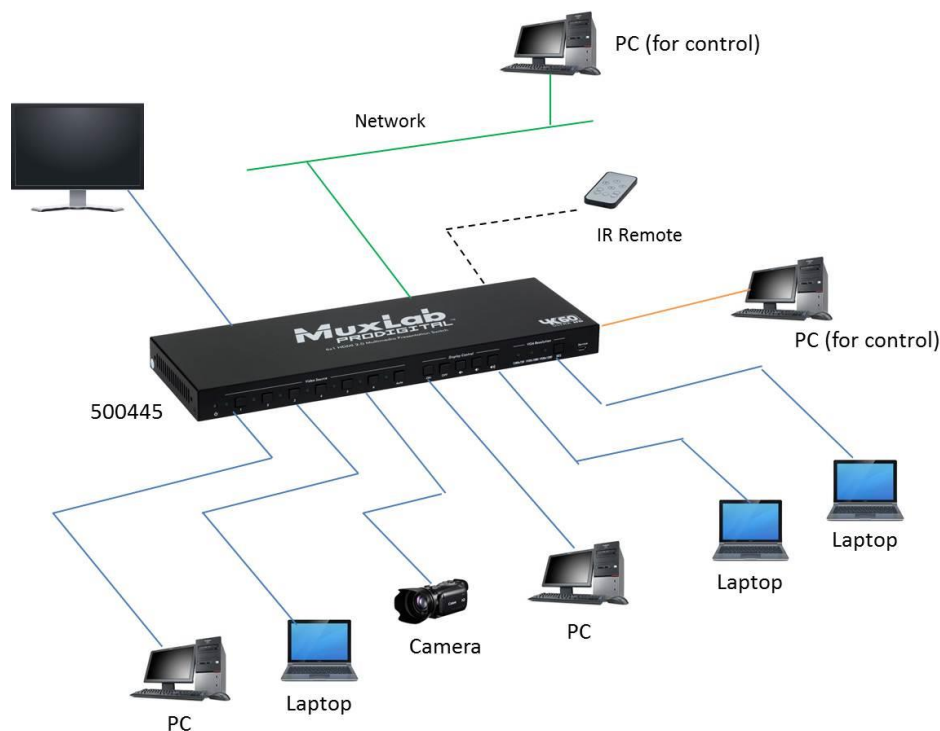
The unit offers CEC control for remote management of end devices.

Applications: computer environments, monitoring, conference room and conference centres, corporate boardrooms, hotels and hospitality rooms, big screen displays, education, command & control centres and smart homes.

Features:

- Supports video source auto-switching function
- Supports 6 inputs, including 3 HDMI, DisplayPort 1.2a, USB Type-C, and VGA inputs
- Supports resolutions up to 4K/60 (4:4:4) 8 bit, 1080p/60 3D, and HDR 10
- Compliant with HDCP 2.2
- Supports audio pass-through up to Dolby Atmos and DTS:X
- Supports 2CH analog audio extract, and 5.1CH Digital (Dolby and DTS) audio extract
- Supports CEC command for remote control of end devices
- Controllable via "Auto" mode, and manually via push button, IP, RS232 and IR
- Firmware may be updated over the LAN port

Typical Application:

Environment	HDMI 2.0, DisplayPort 1.2a, USB Type-C and VGA
Devices	DVD, plasma, projectors, monitors, TV, PC, laptops, and servers.
Transmission	Transparent to the user
Video Bandwidth	Up to 18 Gbps
Video Resolution	HDMI and DisplayPort Input: Up to 4K/60 (4:4:4) 8 bit USB-Type C Input: Up to 4K/30 VGA Input: Up to 1920x1200 @ 50/60 Hz HDMI Output: 4K/60 (4:4:4) 8 bit
Audio Bandwidth	20Hz to 20KHz
Stereo Channel Separation	>70dB @1KHz
Signals	HDMI 2.0, DisplayPort 1.2a, USB Type-C and VGA (1920 x 1200), and HDCP 2.2 compliant
Connectors	Four (4) HDMI connectors; Three (3) Inputs and One (1) Output. One (1) DisplayPort connector (input). One (1) USB Type-C connector (input). One (1) 15 Pin VGA connector (Input). One (1) RJ45S for LAN unit control and firmware updates. One 3-Pin Phoenix connector for RS232 unit control. One (1) IR input jack for unit control. One 3.5mm output jack for 2CH audio-in (for VGA port) One 5 pin Phoenix connector for balanced audio-out One TosLink Optical port for Digital audio extract (5.1CH Dolby and DTS) of selected input One (1) 2.1mm barrel jack for Power. Note: HDMI cables not included.
Power Supply	One (1) 110-240V/12VDC @ 2A power supply with interchangeable blades (locking PSU connector)
Power Consumption	10Watts (Max)
Temperature	Operating: -10° to 55°C Storage: -25° to 70°C Humidity: Up to 90% non-condensing
Enclosure	Metal
Dimensions	13.46" x 4.53" x 1.02"(342mm x 115mm x 26mm)
Weight	1.36lb (0.62kg)
Compliance	Regulatory: FCC, CE, RoHS
Warranty	2 years
Order Information	500445 HDMI 2.0 Multimedia Presentation Switch (UPC: 627699004456)