4X2 HDMI 2.0 Quad-View Processor
500446

Overview:

The 4x2 HDMI 2.0 Quad-View Processor allows up to four (4) HDMI 4K/60 sources to be simultaneously presented on one or two displays at 4K/60 as a multi-view arrangement. The user may select from one of five (5) default multi-view layout presets, or from eight (8) custom layout presets (resized and position as required with PIP support) in order to tailor their multi-view setup.

The unit supports transitions including seamless, fade-in & fade-out, wipe, and dissolve when switching in full screen mode. Pass through of all audio formats is supported, including 2CH audio extraction via two RCA jacks. The user may provide a background and logo to be displayed.

The unit may be managed locally via front panel push buttons or remotely via IR (IR Remote is included), RS232 and over an Ethernet network, and comes with rackmount brackets for a 19" rack, and a 12VDC @ 5A Power Supply.

Applications:

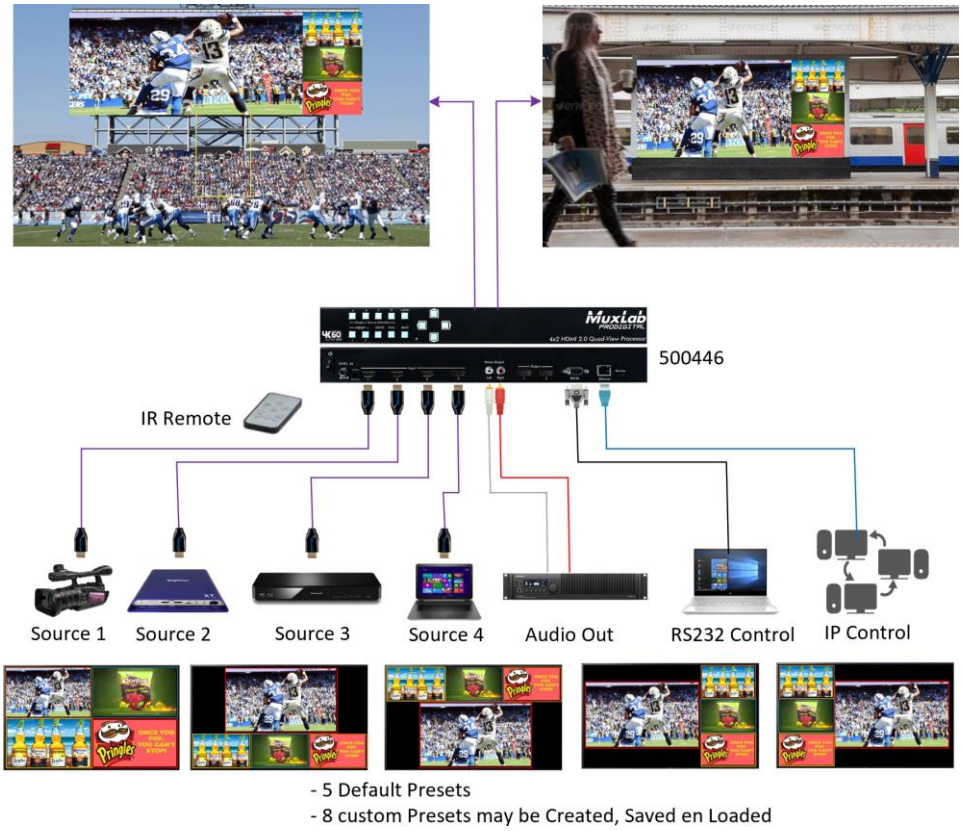
Digital Signage, Security & Surveillance systems, education, conference rooms, presentation halls, and test lab environments.

Key Features:

- Supports 4 HDMI 2.0 inputs and 2 HDMI 2.0 outputs
- Supports resolutions up to 4K/60 (4:4:4)
- HDCP 2.2 compliant
- Send multi-view video from 1 to 4 inputs shown on both output ports simultaneously
- PIP is supported as well as 5 preset multi-view layouts, and up to 8 custom layouts may be created, saved and recalled
- Supports various transitions between views
- Supports audio extraction of 2CH PCM to 2CH analog audio
- Supports pass-through of LPCM 7.1, Dolby® TrueHD, Dolby Digital® Plus, Dolby Atmos, DTS-HD Master Audio™ and DTS:X
- May be managed by local push buttons, and remotely via IR, RS232, and Ethernet
- Includes IR remote

Environment	HDMI 2.0 (4K/60 4:4:4 8 bit)
HDMI Devices	DVD/Blu-Ray/Media Players, Cameras, PCs/Laptops, projectors/monitors/TVs
Transmission	Transparent to the user
Frequency	Up to 594 MHz
Video Signal	HDMI 2.0 protocol and HDCP 1.4 & 2.2
Connectors	Four (6) HDMI connectors for video (four inputs and two outputs) Two (2) RCA jacks for audio extraction One RJ45S connector for Ethernet Management One (1) DB9 connector for RS232 Management One (1) 3.5mm jack for IR Management One (1) Micro USB connector for firmware updates One (1) 2.1mm Jack for power supply
Management	Locally via front panel push buttons, and remotely via IR, RS232 and Ethernet
IR Handheld Remote Control	Included for IR remote unit management (28 keys)
Audio Extraction	From 2CH Digital PCM, to 2CH Analog Audio
Power Supply	12VDC,5A
Power Consumption	22W (max)
Temperature	Operating: 0° to 40°C Storage: -20° to 60°C Humidity: up to 90% non-condensing
Enclosure	Metal enclosure
Unit Dimensions	15.35" x 9.29" x 1.73" (390mm x 236mm x 44mm)
Shipping Weight	7.8 lbs (3.5 Kg)
Compliance	Regulatory: FCC, CE, RoHS
Warranty	2 years
Order Information	500446-US 4X2 HDMI 2.0 Quad-View Processor (UPC: 627699014462) 500446-UK 4X2 HDMI 2.0 Quad-View Processor (UPC: 627699914465) 500446-EU 4X2 HDMI 2.0 Quad-View Processor (UPC: 627699814468)

Typical Applications



MuxLab Inc.
2321 Rue Cohen, Montreal, Quebec, Canada, H4R 2N7
Tel: (514) 905 0588 Fax: (514) 905 0589
Toll Free:1 877 689-5228
E-mail: info@muxlab.com
www.muxlab.com