

Tech Spec

AV Bridge MatrixMIX

Multipurpose AV Switcher

Optimized for Soft Conferencing Clients

North America: 999-5660-000 Europe and UK: 999-5660-001

Australia and New Zealand: 999-5660-009



Features

Operator-friendly:

- IP connectivity to cameras and controllers for virtualized control across the network
- Intuitive, visually consistent interfaces front panel, web interface, or connected TeleTouch Multiviewer
- Separate outputs for program, preview, and multiview

Versatile connectivity:

- RS-232 ports for 6 cameras
- HDMI inputs with embedded audio support video from 6 cameras and 2 additional video sources
- Audio: 2 microphone/line inputs and 2 line outputs
- USB 3.0 port for uncompressed AV streaming, USB 2.0 ports for graphics and touch-panel control
- Network connection for IP H.264 streaming and virtualized control from anywhere

Professional results:

- PIP functions; graphics functions including keys, bugs, and banners
- Automatic echo cancellation and speech lift for crystal-clear audio
- Simultaneous USB and IP streaming outputs

Connector Panel



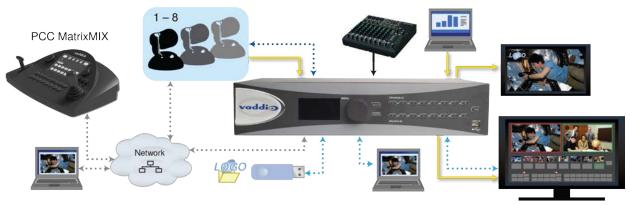
Connections, left to right, by row:

- External Control: RS-232 port for external control device; trigger inputs for up to 10 presenter-controlled devices
- RS-232 Ports (Camera 1 Camera 6): Camera control connections
- Audio I/O: Connections for 2 microphones or other line inputs and 2 line outputs
- 12 VDC 5.0 Amp: Power connection
- Network: Control, IP streaming, graphics
- USB 3.0: Uncompressed audio and video stream
- USB 2.0 (2 ports): TeleTouch control and graphics files
- HDMI Inputs: Video from connected cameras and other video sources
- HDMI Outputs: Program, preview, and multiview; audio and HDCP support on program and preview

What's Included

- AV Bridge MatrixMIX multipurpose AV switcher
- 12 VDC, 5 A power supply
- AC power cord set(s)

Basic Connections



TeleTouch 27

Specifications

Camera and Video HDMI Inputs		Program, Preview, and Multiview HDMI Outputs	
Color Space Resolution (Inputs 1-6) Resolution (Inputs 7, 8)	YCbCr or sRGB 720p/50 to 1080p/60 720p/50 to 2048x1152/60	Color Space Resolution HDCP Support	YCbCr or sRGB 720p/50 to 1080p/60 Program and Preview
IP Streaming		USB Streaming	
Channels Format Encoding Resolutions	1 video+audio RTSP H.264 360p/15 to 1080p/30	Channels Drivers Resolution	1 video, 2 audio UVC, UAC 180p/15 to 1080p/30, autonegotiated
Audio Line Inputs (Balanced)		Audio Line Outputs (Balanced)	
Frequency Response Dynamic Range THD + Noise Impedance	20Hz to 20 KHz >90 dB < 0.1% (Mic Level) 10 Kohm	Frequency Response Dynamic Range THD + Noise Impedance	20Hz to 20 KHz >90 dB < 0.2% < 50 ohms
HDMI Audio		IP and USB Streaming Audio	
Channels Sample Rate Resolution	Stereo 48 KHz 16 bit	Channels Sample Rate Resolution	Stereo 48 KHz 16 bit

Power, Physical and Environmental

Input Power	12 VDC, 5 A	Audio line in phantom power	48 VDC at 10 mA	
Height	2 RU; 3.47 in. (8.8 cm)			
Width	16.7 in. (42.5 cm); 18.9 in (48.1 cm) with rack-mount ears			
Depth	8 in. (20.3 cm)			
Weight	9.15 lb (4.15 kg)			
Temperature Humidity	Operating: 32° to 104° F (0° to 40° C); Storage: 23° to 140° F (-5° to 60° C) Operating and Storage: 15% to 80% RH non-condensing			

Specifications are subject to change without notice.