AV Bridge™ MATRIX PRO

A/V Room Solution for USB/IP Applications

ORDERING INFORMATION

999-8230-000 (North America)

999-8230-001 (Europe/UK)

999-8230-009 (Australia/New Zealand)

OVERVIEW

Ideal for video conferencing and lecture capture applications, AV Bridge MATRIX PRO combines audio and video mixing functionality into a single device, allowing you to add multiple cameras, microphones and other AV devices into a traditional AV room design.

CONNECTIONS

Top row (L to R):

Serial RS-232 control port input; trigger inputs for macros and presentation automation; EasyMic ports for Vaddio table or ceiling MicPODS; mic or line inputs; line outputs.

Bottom row (L to R):

Power connector; network IP port; USB 2.0 port; 3 sets of Serial RS-232 control ports and EZ Power video ports with alternate HDMI video source inputs; RGBHV input; HDMI input; HSDS output for use with any Quick-Connect™ interface; HDMI output.

WHAT'S INCLUDED

- AV Bridge MATRIX PRO
- Quick-start guide
- 24V 3.75A power supply with AC cord set(s)
- Two rack ears
- Eight 3-position phoenix-style connectors
- 12-position phoenix-style connector
- 6' USB type A to B cable

FEATURES

- AV encoder with simultaneous IP and USB 2.0 streaming
- High-definition image quality – 1080p/30
- Four-input HD video switcher
- Built-In Quick-Connect™ Technology
- 9x5 cross-point audio matrix mixer/switcher
- Four EasyMic audio ports with built-in AEC
- Easy, intuitive web-based user interface for system configuration and settings
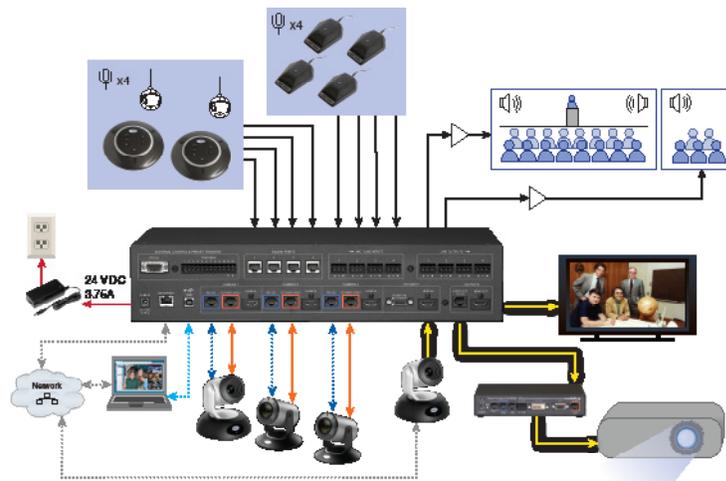- Remote IP control of up to four Vaddio Cameras

TECHNICAL SPECIFICATIONS

A/V Encoding	**IP resolutions:** (H.264 & AAC Audio) up to 1080p/30 **USB 2.0 resolutions:** (MJPEG & PCM Audio) up to 1080p/30 (limits of USB 2.0)
Media Players	Quick-Time, RealPlayer and VLC Media Player (for IP Streaming), and more
Supported Input Resolutions	**HDMI & YPbPr:** 1080p/60/59.94/50/30/25 frames/s, 720p/60/59.94/50 frames/s, 1080i/59.94/50 fields/sec **RGBHV** (VESA): 1280 x 720@60Hz (16:9), 1280x768@60Hz (15:9)m, 1280x800@60Hz (16:10), 1360 x 768@60Hz (16:9), 1024 x 768@60Hz (4:3 centered in 16:9 frame) **DVI** (on HDMI connector using sRGB color space): 1080p/60/59.94/50/frames/s, 720p/60/59.94/50Hz frames/s 1080i/59.94/50Hz, fields/s, 1440 x 900@60Hz, 1360 x 768@60Hz, 1280 x 800@60 Hz, 1280 x 768@60Hz, 1280 x 720@60Hz **EDID Supported Resolutions:** 1080p/60/59.94/50/frames/s, 720p/60/59.94/50Hz frames/s, 1440 x 900@60Hz, 1360x768@60Hz, 1280x800@60 Hz
Video/Audio DSP	**Video:** Auto-scaling, Noise Filter and Deinterlacing **Audio:** Compressor, Equalizer and Filters
Audio I/O	Four EasyMic Ports; four Mic/Line Inputs (with 4-AECs and phantom power for mics); four line outputs (9x5 matrix mixer) and HDMI
Control	**Browser-based user interface** for configuration and administration **Front Panel Controls** for viewing configurations and A/V muting **Telnet** on the Network RJ-45 Port **RS-232 Port** for support of legacy control products
USB and Network	**USB:** Type-B USB 2.0 Compliant Connector, Network: Shielded RJ-45 10/100 Base-T
IP Streaming	RTSP or HLS (Apple's HTTP Live Streaming)
Weight	5.6 lb (2.5 kg)
Height	3.47 in (8.8 cm)
Width	18.93 in (48 cm) (with rack ears)
Depth	8 in (20.3 cm)

Specifications are subject to change without notice.

BASIC CONNECTION

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