

AV Bridge 2x1

Presentation Switcher

ORDERING INFORMATION

999-8250-000 - North America

999-8250-001 - Europe/UK

999-8250-009 - Australia/New Zealand

OVERVIEW

Ideal for lecture capture, conference rooms and video conferencing installations, the AV Bridge 2x1 makes it simple to encode, capture and stream high-quality networked Dante audio, analog audio, and two HD video sources. Two HDMI inputs allow you to connect either two cameras or a camera and PC display on a platform that easily switches between sources and delivers useful picture-in-picture (PIP) video streams. Concurrent 1080p USB 3.0, HDMI, and IP streaming allow for flexible video distribution. Use the AV Bridge 2x1 to simultaneously record to a local PC, magnify the speaker video through a room projector, and stream the lecture to popular online platforms – without the need for special drivers or additional applications.

Experience automation features built into the AV Bridge 2x1 by connecting Vaddio trigger devices like the StepVIEW Mat to recall a library of macros built into the web-based user interface. Control PIP settings, video sources, camera position presets and more with intuitive API integration for third party applications and control hardware. Store graphic overlays such as a company logo or speaker name to add production quality. Switch between a view of the room and the action at the whiteboard without missing a beat. Participate with clear audio through built-in echo cancellation, ensuring both sides of the conversation are heard without feedback issues.

The AV Bridge 2x1 includes all the features that integrators love about our AV Bridge family of products now with increased flexibility, networked Dante audio, automation triggers and more – all in a convenient, smaller half-rack unit size.

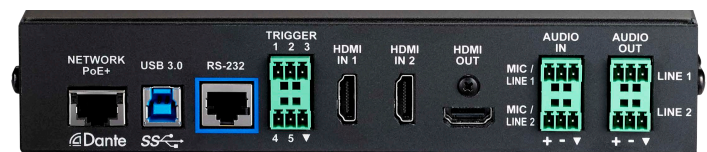
WHAT'S INCLUDED

- 1 AV Bridge 2x1
- 1 Quick-Start Guide
- 1 PoE+ power injector with AC cord set(s)
- 1 Half-rack mounting kit
- 4 qty. 3-position Phoenix-style connectors
- 1 qty. 3 ft. (0.9m) Cat-5 cable
- 1 qty. 6 ft. (1.8m) USB 3.0 Type A to Type B cable



FEATURES

- Integrates pro AV sources or systems into soft client or live streaming applications
- UVC PTZ camera control of selected camera input enabled exclusively with Vaddio RoboSHOT cameras.
- 2 HDMI Inputs for switching between sources
- Outputs simultaneous USB 3.0 and IP streaming with up to 1080p quality
- 4x4 Dante I/O for scalable networked audio and 2-channel analog audio I/O
- Built-in automation features allows trigger devices to control camera presets, source and more
- PIP layouts include side by side, top and bottom, and overlaid in one of four corners
- Store graphic overlays like a company logo or presenter name to add production value



CONNECTOR PANEL

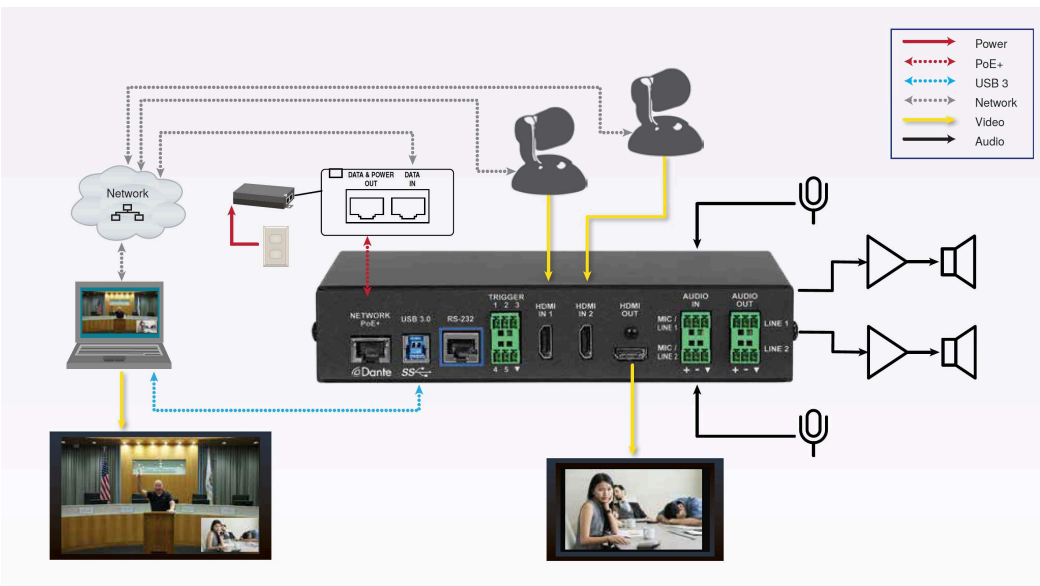
- **Network/PoE+** – Power, control via web interface, Dante audio, and IP streaming.
- **USB 3.0** – Uncompressed video output with PCM audio for conferencing applications.
- **RS-232** – Connect to an optional third-party control system.
- **Trigger** – Connect up to five trigger devices.
- **HDMI In 1 and HDMI In 2** – HDMI video (and audio, if available) from the connected camera or other HDMI source.
- **HDMI Out** – Output video (and audio, if available) from the selected input.
- **Audio In Mic/Line 1 and Mic/Line 2** – Microphone or other audio inputs. Can be configured to supply phantom power.
- **Audio Out Line 1 and Line 2** – Far-end audio from conferencing application or as configured in the audio matrix.

TECHNICAL SPECIFICATIONS

USB Stream	Video and audio; up to 1080p/60 resolution (Full HD)
IP Stream	RTSP or RTMP video and audio; up to 1080p/30 resolution
HDMI Inputs	Two HDMI inputs, video and audio; up to 1080p/60 Resolution (Full HD)
HDMI Output	Video and audio; up to 1080p/60 Resolution (Full HD)
Audio Inputs	Stereo USB, Stereo HDMI, Two balanced mic/line-level inputs, 4 Dante Input Channels
Audio Outputs	Stereo USB, AAC IP audio stream, Two balanced line-level outputs, 4 Dante Output Channels
Control	Browser-based user interface for configuration and administration; front panel controls for IP address toggle, power reset, and factory reset; Telnet and RS-232 for external control
Input Power	PoE+
Phantom Power to Microphones	48 VDC, 10 mA
Height	1.72 in. (4.4 cm)
Width	8.38 in. (21.3 cm)
Depth	6.0 in. (15.2 cm)
Weight	2.65 lb. (1.2 kg)
Temperature	Operating and Storage: 32° to 104° F (0° to 40° C)
Humidity	Operating and Storage: 20% to 80% RH non-condensing

Specifications are subject to change without notice.

BASIC CONNECTION



vaddio

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COMMERCIAL BRANDS
 Chief | Da-Lite | Middle Atlantic | Projecta | Vaddio