

# EasyIP Mixer

Production Switcher

## ORDERING INFORMATION

999-60320-000 - Worldwide

## OVERVIEW

Ideal for large classrooms and multi-camera applications, the EasyIP Mixer combines Dante audio sources and four Vaddio EasyIP cameras to deliver our easiest production switcher to date. The EasyIP Mixer revolutionizes the complex classroom A/V system, replacing expensive HDMI cable runs with category cables and saving precious time with simple video and audio routing in our intuitive web-based user interface.

Pair the EasyIP Mixer with up to four EasyIP cameras located on the network. The additional HDMI input allows you to connect a PC for simple content sharing on a platform that easily switches between sources and delivers useful picture-in-picture (PIP) layouts. Simultaneous 1080p/60 USB 3.0 and HDMI outputs allow for multipurpose video distribution. Use the EasyIP Mixer to simultaneously record to a local PC and magnify the speaker video through a room projector. Or use the USB 3.0 interface with popular videoconferencing applications – including UVC control of connected cameras.

A 4x4 Dante I/O allows for scalable networked audio to meet the needs of any application. No complicated audio routing - it's easy to pair four EasyIP CeilingMIC D Dante microphones throughout the space. In larger rooms, select from a list of dozens of Dante audio products to select the optimal audio pickup of each event. Install the EasyIP Mixer in your existing classroom by utilizing the 2-channel analog audio I/O.

Connect 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 bring production quality to everyday events.

The system is based around a PoE+ network switch like the EasyIP Switch AMS-1208P or one of Luxul's PoE+ managed switches. This network switch provides the power and control capabilities for the EasyIP Cameras as well as the EasyIP CeilingMIC D microphones. Next, pair the EasyIP Mixer to the same network and pair the desired endpoints with the included web-based user interface. No expensive external processors, no costly management software tools – the whole system can be configured in minutes.

The EasyIP Mixer is the easy-to-use, cost effective device you need for your next AV over IP design.

## FEATURES

- Built-in mixing of up to four EasyIP cameras, four Dante I/O, and two analog I/O.
- UVC PTZ camera control of connected cameras
- HDMI Input for switching between sources
- Outputs simultaneous USB 3.0 and HDMI out with up to 1080p/60 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

## BUTTON & CONNECTOR PANELS



- **Swap button** – Changes the selected input. If the PIP is turned on, this also exchanges the PIP and main image on the HDMI output.
- **PIP button** – Toggles the PIP on or off. Illuminated when the PIP is on.
- **Stream button** – Toggles the HDMI and USB stream on or off. Illuminated when the stream is available.
- **IP button** – Toggles the IP address display. Illuminated when the streams are displaying the IP address instead of video.
- **Reset button and power/status light** – Illuminated when the device has power. Blinks to indicate an error condition. Press the button to reboot the device.



- **Network/PoE+** – Power, control via web interface, and Dante audio.
- **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** – HDMI video (and audio, if available) from a connected camera or other HDMI source.
- **HDMI Out** – Output video (and audio, if available) from the selected input.
- **Audio In Mic/Line In 1 and Mic/Line In 2** – Microphone or other audio inputs. Can be configured to supply phantom power.
- **Audio Out Line Out 1 and Line Out 2** – Far-end audio from conferencing application or as configured in the audio matrix.

## TECHNICAL SPECIFICATIONS

<b>USB Stream</b>	Video and audio; up to 1080p/60 resolution (Full HD)
<b>Video Inputs</b>	HDMI In, up to 1080p/60 resolution (Full HD), Pair with up to 4 EasyIP cameras
<b>HDMI Input</b>	Video and audio; up to 1080p/60 Resolution (Full HD)
<b>HDMI Output</b>	Video and audio; up to 1080p/60 Resolution (Full HD)
<b>Picture in Picture</b>	Top/bottom, side by side, choice of overlay in one of four corners. Available split between EasyIP stream and HDMI source
<b>Audio Inputs</b>	Stereo USB, Stereo HDMI, Two balanced mic/line-level inputs, 4 Dante Input Channels
<b>Audio Outputs</b>	Stereo USB, Stereo HDMI, Two balanced line-level outputs, 4 Dante Output Channels
<b>Control</b>	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
<b>USB Audio (record, playback)</b>	2 channel (UAC), 16-bit resolution, 48 KHz sample rate
<b>Audio Line Out</b>	4-pin Phoenix type terminal block, Impedance: 50 ohms, Frequency response 20Hz - 20KHz, THD + noise < 0.02%, Maximum output level +12 dBu differential audio
<b>Power Requirements</b>	PoE+, 30W allocated, 14W typical use
<b>Phantom Power to Microphones</b>	48 VDC, 10 mA
<b>Height</b>	1.72 in. (4.4 cm)
<b>Width</b>	8.38 in. (21.3 cm)
<b>Depth</b>	6.0 in. (15.2 cm)
<b>Weight</b>	2.65 lb. (1.2 kg)
<b>Operating temperature</b>	32° to 104° F (0° to 40° C)
<b>Storage temperature</b>	23° to 140° F (-5° to 60° C)
<b>Humidity (relative)</b>	Operating and Storage: 20% to 80% non-condensing

Specifications are subject to change without notice.

## WHAT'S INCLUDED

- 1 EasyIP Mixer
- 1 Half-rack mounting kit
- 6 qty. 3-position Phoenix-style connectors
- 1 qty. 3 ft. (0.9m) Cat-5 cable, black
- 1 qty. 6 ft. (1.8m) USB 3.0 Type A to Type B cable
- 1 Quick-Start Guide



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