

## Release notes and update instructions

# EasyIP Mixer AV Switcher

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## Current release

### EasyIP Mixer 2.0.0

December 2, 2024

#### New features

- Added support for multicast streams, allowing EasyIP video to be received by multiple EasyIP endpoints. This enables flexible video routing and content distribution across larger systems.
- Introduced a new CLISH 'info' command to query product and room label information.
- Added support for audio in the EasyIP stream, enabling more versatile audio integration.
- Added a banner on the web UI to alert users of possible HDCP content, enhancing content compliance awareness.
- Added support for passwordless login over Telnet and RS-232, providing easier access for secure environments.
- Added the HDMI Video Input connection state display was added to the EasyIP streaming panel.
- Added support for 256 camera presets via CLISH, allowing users to configure extensive camera settings.

#### Improvement

- Various cosmetic improvements have been made to the web interface, providing a more intuitive and polished user experience.
- General infrastructure updates have been made to enhance system performance and reliability.
- Improved HID control options, separating gain and mute into distinct controls.

## Release history

### EasyIP Mixer 1.5.1

February 15, 2024

#### Improvement

- Improved firmware update experience.

### EasyIP Mixer 1.5.0

February 5, 2024

#### New features

- The non-administrative user interface can now be customized using the tools on the User Interface page. Things to know about building operator page templates:
  - OBS settings are recommended only if you are using OBS Studio.
  - When you create a template, start with the Dock element. It is the container for everything else.
  - Box elements are helpful for organizing the controls you add. For a simple user interface, you might not need them.

#### Improvements

- Camera control is now available for the HDMI-connected (non-EasyIP) camera.
- The system standby command can now be used in macros.

## EasyIP Mixer 1.4.2

November 15, 2023

### Note

- Manufacturing improvements.

## EasyIP Mixer 1.4.1

October 12, 2023

### New Features

- The Streaming page now includes a button to copy the streaming URL to the clipboard.
- You can now control the on-screen IP and MAC address display from the System page of the web interface. The Device Utilities area on the Firmware tab provides a Data Screen button that shows the current state of the display.
- When not using this device for the USB stream's audio, you can now disable the USB Audio Enumeration setting on the Streaming page.
- You can now send Command Line Interface SHell (CLISH) commands using SSH as a secure alternative to Telnet. SSH access is disabled by default, and can be enabled on the device's Security page.
- The web interface now provides six factory audio configurations, and can store up to 16 custom audio configurations.
- The command `audio config {recall {factory <1 - 6> | custom <1 - 16>} | store custom <1 - 16>}` recalls the specified factory or custom audio configuration, or stores a custom audio configuration.
- The command `video pip swap` exchanges the PIP for the main image.
- The command `audio speechlift { on | off | set { input } }` provides the functionality of the Speech Lift control on the Audio page of the web interface, sending the audio from the specified microphone to the room's speakers.
- The command `video mute pattern { get | set { color_bars | black_screen } }` sets the mute pattern or returns the pattern currently selected for the video output.

### Improvements

- Parametric equalizer (PEQ) filter settings are now available on all four Dante audio inputs.
- UVC extensions for pan/tilt/zoom/focus and for color adjustments can now be enabled separately.
- Updating firmware or importing a configuration returned the Chairman Override Input setting to the factory default (Line/Mic 1). This has been fixed.
- Occasionally the device would stop being available to the connected computer. This has been fixed.
- Using UVC controls to move a paired ePTZ camera could produce unexpected results. This has been fixed.
- When importing a configuration file or reinstalling some previous versions of firmware, the setting to enable/disable UVC extensions returned to its default state. This has been fixed.
- After streaming for an extended period, in some cases the device could stop streaming, and the Vaddio Deployment Tool would indicate that authentication was required; attempting to authenticate via the Vaddio Deployment Tool would fail. This has been fixed.

## EasyIP Mixer 1.4.0

February 21, 2023

### New Features

- You can now send Command Line Interface SHell (CLISH) commands using SSH as a secure alternative to Telnet. SSH access is disabled by default, and can be enabled on the device's Security page.
- When not using this device for the USB stream's audio, you can now disable USB Audio Enumeration setting on the Streaming page.

## Improvements

- Parametric equalizer (PEQ) filters are now available on all four Dante audio inputs.
- Using UVC controls to move a paired ePTZ camera could produce unexpected results. This has been fixed.

### **EasyIP Mixer 1.3.0**

September 12, 2022

#### Improvement

- Updating firmware or importing a configuration returned the Chairman Override Input setting to the factory default (Line/Mic 1). This has been fixed.

### **EasyIP Mixer 1.2.2**

June 10, 2022

#### New Features

- The option to automatically go to standby mode is now available in the web interface. (System page, General tab)

#### Improvements

- In some cases, the EasyIP stream became unavailable after quickly switching between cameras many times. This has been fixed.
- In EasyIP systems controlled via third-party devices, sending a sustained sequence of camera or video commands to the EasyIP Mixer could cause individual cameras to become unpaired from the EasyIP Mixer. This has been fixed.
- In some cases, changing the Auto Standby setting while the device was in standby mode could cause the device to get stuck in standby mode. This has been fixed.
- Importing a configuration did not restore audio settings correctly. This has been fixed.
- Various audio settings could revert to factory default values during a firmware update. This has been fixed.
- Improved USB playback quality.

### **EasyIP Mixer 1.2.1**

October 13, 2021

#### Improvements

- The setting to place connected cameras in standby mode when the device enters standby has been moved from the User Interface page and is now on the System page, General tab.
- The device can now process USB audio commands while it is in standby.
- After switching between cameras numerous times, the stream from the EasyIP Mixer could fail. This has been fixed.

### **EasyIP Mixer 1.2.0**

June 21, 2021

#### Improvements

- Far-end (UVC) control of a connected camera did not always work properly if the camera's Image Flip mode was selected. This has been fixed.
- On DHCP-enabled devices, it was possible to have more than one gateway address listed. This has been fixed.
- In some cases, connecting the USB port to an Apple® macOS® device while the EasyIP Mixer was on resulted in audio distortion. This has been fixed.
- At low streaming resolutions and frame rate, video distortion could be present. This has been fixed.

## EasyIP Mixer 1.1.1

November 4, 2020

### Improvements

- Improved USB enumeration behavior.
- Video artifacts could appear when receiving HDMI video from a OneLINK system. This has been fixed.

## EasyIP Mixer 1.1.0

September 4, 2020

### New Features

- We have placed the company's standard privacy notice on this product's Help page. This product does not record or save audio or video files, and it does not store any identifying information other than what you may choose to enter on the Room Labels page of the web interface. However, the device's IP address is considered "personally identifiable information" for the purposes of the privacy notice. This information is stored for display to the user, but not otherwise shared or transmitted.

### Improvements

- Reduced fade duration on EasyIP inputs to 250 msec.
- Improved color accuracy on video outputs.
- Improved video quality for lower-resolution USB streams.
- Improved USB enumeration behavior.
- Under certain circumstances, the video transition type could change unexpectedly. This has been fixed.
- Changing to a different video input could result in USB re-enumeration when UVC extensions are disabled. This has been fixed.
- Occasionally, echo cancellation stopped working after the device was rebooted, and had to be toggled to be restarted. This has been fixed.

## EasyIP Mixer 1.0.0

May 27, 2020

### Notes

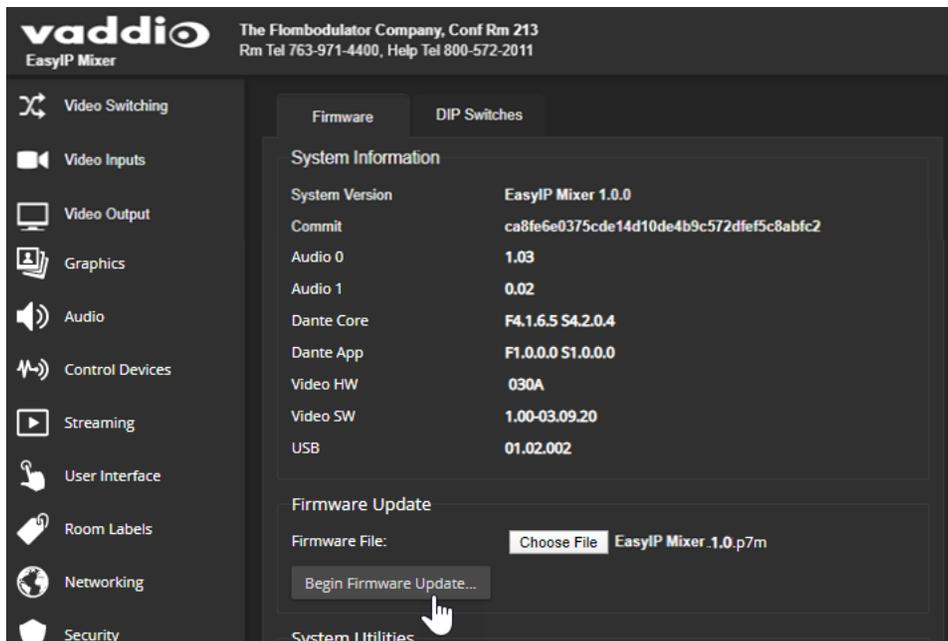
- Initial release.

## Firmware Update Instructions – EasyIP Mixer

The process for updating firmware is the same for virtually all Vaddio products. *Your device's web interface will display different model and firmware information from the screen shot in this procedure.*

**CAUTION:** The device must remain connected to power and to the network during the update. Interrupting the update could make the device unusable. If the update does not run, DO NOT DISCONNECT POWER. Call Vaddio Tech Support immediately: +1 763-971-4400 or 800-572-2011.

1. Download the firmware file if you have not done so already.
2. Access the device's web interface and log in as `admin`.
3. On the System page, select Choose File and select the .p7m file you downloaded. Then select Begin Firmware Update.



4. Read the Confirm dialog box, then select Continue. You will be prompted to log in again when the process is complete.

This update can take up to 5 minutes. While you're waiting, you could try the following:

- Make up your own personality quiz.
- Google the author of the book you liked the best as a child. Wait – don't. Let your heroes remain heroes.
- Think of better names for the months. (February? Really? Nobody can even say it right.)

After the update is complete, the System page will display the new firmware version under System Information. Enjoy that new-firmware smell!

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