

Release Notes and Update Instructions

AV Bridge Mini HD Audio/Video Encoder

Current Release

AV Bridge Mini 1.2.0

October 29, 2021

New Features

- Added the commands `video mute { get | on | off | toggle }` and `system standby { get | on | off | toggle }` to the serial API.
- We have placed a link to the company's standard privacy notice on this product's Help page and on the Initial Device Set-Up 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.
- The device can now process USB audio commands while it is in standby.

Improvements

- On some mobile devices, the "Exit Standby" button was not accessible. This has been fixed.
- In some cases, connecting the USB port to an Apple® macOS® device while the AV Bridge Mini was on resulted in audio distortion. This has been fixed.
- Improved USB enumeration behavior.
- Improved USB interoperability with macOS systems.
- In some cases, the web interface could display the mute state of individual inputs or outputs inaccurately. This has been fixed.
- In some cases, video mute did not work properly after updating from version 1.0.0. This has been fixed.
- After updating firmware, the Telnet enabled/disabled status shown in the web interface could become out of sync with device behavior. This has been fixed.
- On DHCP-enabled devices, it was possible to have more than one gateway address listed. This has been fixed.
- RTMPS streaming has been fixed.
- Improved HDMI stability.
- Enhanced compatibility with the Vaddio Device Controller.

Release History

AV Bridge Mini 1.1.1

October 8, 2021

Improvements

- In some cases, firmware updates could fail. This has been fixed.

AV Bridge Mini 1.1.0

December 20, 2019

New Features

- If you restore factory defaults, the AV Bridge Mini device now requires an initial setup step to make the administrative controls and other functionality available. In this initial step, you must set the admin password. This is also required for initial access to AV Bridge Mini devices that ship with this version of firmware. See [Initial Set-Up Procedure](#). After completing the initial setup, you have the option of enabling features that are now disabled by default. At this time, setting the admin password is the only task in the initial setup procedure.
- Audio delay is now available for far-end audio on the USB stream (USB Record).
- When the AV Bridge Mini is in standby, pressing the IP button now brings it out of standby.
- Added support for long press right-clicking on iOS devices.
- When static IP addressing is selected, the administrator can specify a DNS server.

Improvements

- Security improvements include changes to the default settings for:
 - HTTP access is disabled. To connect using HTTPS, type `https://` followed by the IP address. Because Vaddio uses self-signed certificates, your browser will present warning messages indicating that you are trying to access an unsafe website; however, this is a secure connection to the device and traffic will be encrypted.
 - IP Streaming is disabled.
 - Telnet access is disabled.
 - RS-232 access is disabled.
- Disabled TLS v1.1 protocol. More recent protocols continue to be supported.
- The Telnet command `network settings get` now includes the AV Bridge Mini's hostname in the information it returns.
- Telnet commands to set hostnames and other user-definable strings now accept hyphens.
- In the admin web interface, some settings have moved from the DIP Switches tab to other tabs of the System page.
- Exporting data to an Android device now works properly.
- In some cases, the web interface did not load properly if the computer had recently accessed another Vaddio device at the same IP address. This has been fixed.

AV Bridge Mini 1.0.0

December 18, 2018

Notes

- Initial Release.

Initial Set-Up Procedure

If you are updating from version 1.0.0, you will need to set a password for the `admin` account immediately after completing the update. You may also need to change the security settings, as the default settings have changed.

Refer to the product's manual for specific instructions to discover its IP address and access its web interface.

To access the web interface, type `https://` followed by the IP address.

Before the product is configured, HTTP access is disabled. It can be re-enabled after you set the admin password.

Expect a security warning from your browser. The certificate (the product's website security credential) is self-signed rather than being issued by an external certificate authority.

Different browsers will respond with different messages and options. Your browser will probably present a message indicating one of these things:

- The connection is not private
- The site is not secure
- The site is not trusted
- The site poses a security threat

Despite the security warning, the HTTPS connection is secure and traffic is encrypted.

To proceed to the product's web interface, you will need to make the selections that your browser's security message discourages. The security warning page may present an option to learn more, view details, or go to the "Advanced" page. When you select the applicable option, your browser provides a button or link to continue to the IP address you entered, with a reminder that it may be unsafe. Select this option.

After you have accessed the product's web interface once, your browser may remember its IP address and not present the security message again.

Set the admin password. If there are other tasks on the page (such as reading and accepting policies and agreements), complete them also.

Note: This page includes a link to the company's standard privacy policy. 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 policy.

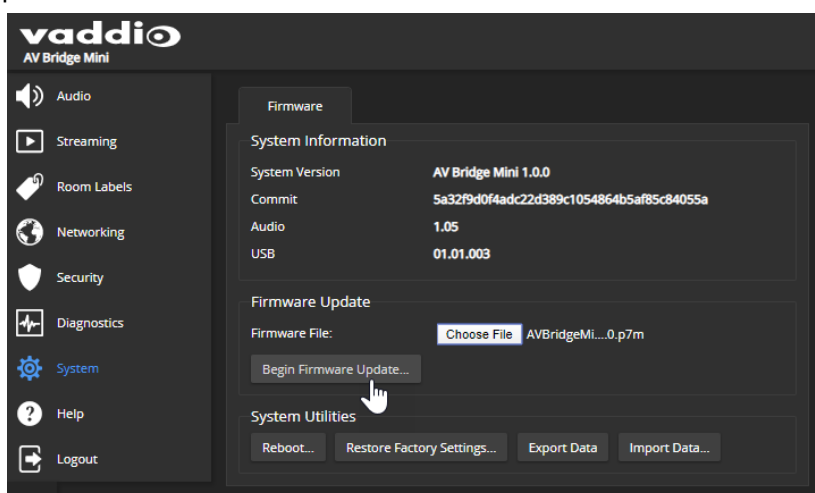
Firmware Update Instructions – AV Bridge Mini

The process for updating firmware is the same for virtually all Vaddio products. *Your device's web interface may display different 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 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 to complete. While you're waiting, you could try the following:

- If you could have one feature or trait from another species, what would it be? (I want fur. Vaddio's facility is in Minnesota, after all.)
- Compose a song for a holiday that doesn't have enough songs, such as Arbor Day.
- Make a list of all the shades of blue you can name.

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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