JBL SYNTHESIS®
Phone 888-691-4171
Email CSupport@harman.com
Web www.jblsynthesis.com

8500 Balboa Boulevard, Northridge, CA 91325

SMA-8300 /SMA-4750 FIRMWARE RELEASE V4473

OCTOBER 28, 2026

Overview

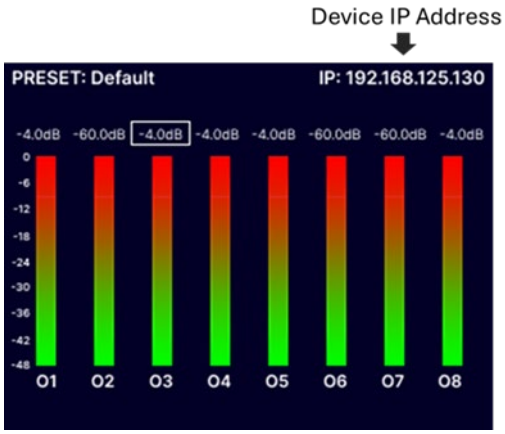
This document describes how to update the SMA amplifier firmware using the PC web client.

Firmware Update Instructions

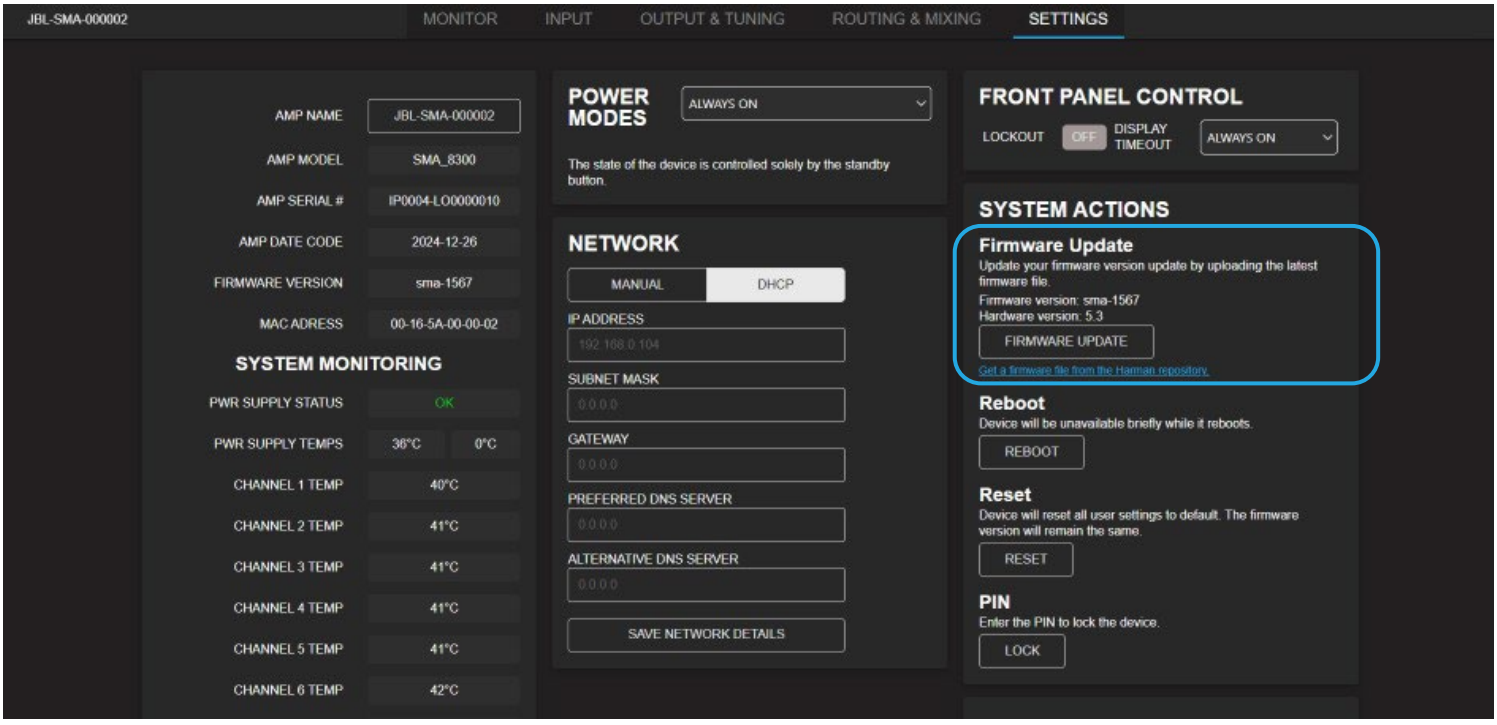
To access the web client, the amplifier must be connected to a TCP\IP network via the rear panel Ethernet port and, in some cases, configured for the network. Additionally, your PC must be connected to the same network as the amplifier.

Access the Web Client:

1. Open a web browser on your PC.
2. Locate the IP address of the unit using the front panel display as shown to the right.
3. Type the IP address of the unit in the browser address bar and press “Enter.”
4. The browser should display the Web user interface.

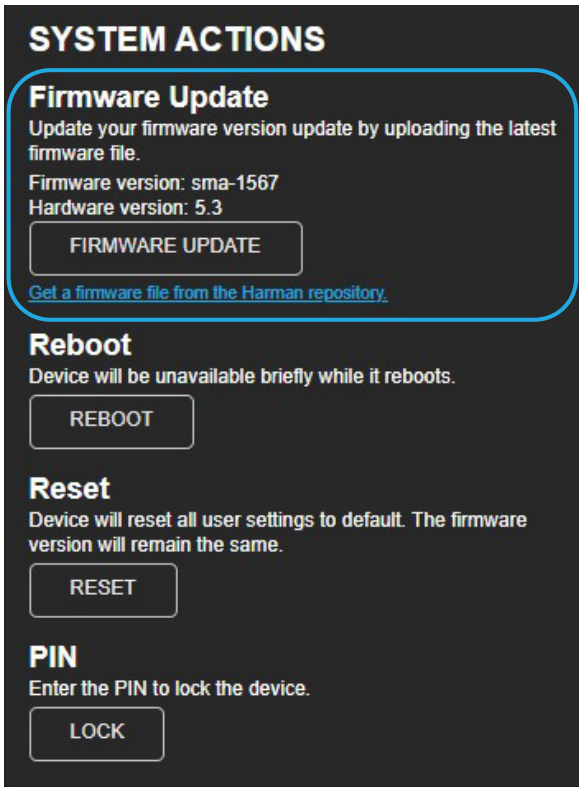


You can perform the update via the “SETTINGS” page of the Web UI under “SYSTEM ACTIONS” as shown below.



To update the firmware for your amplifier:

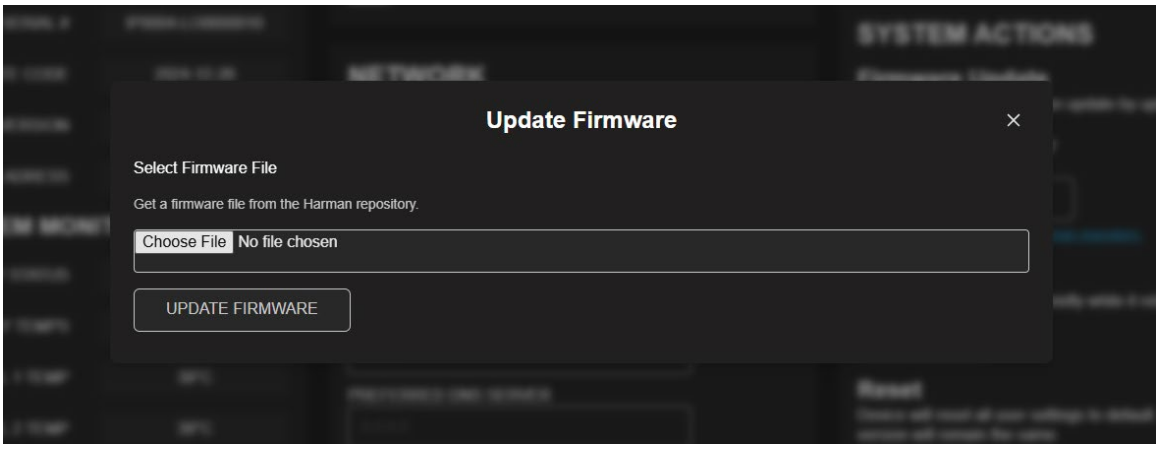
1. Click “Get a firmware file from the Harman repository”
2. Download the latest firmware update file to your computer
3. Click the “FIRMWARE UPDATE” button
4. Click “Choose File”
5. Select the downloaded firmware file (the extension will be “.swu”)
6. Click “UPDATE FIRMWARE” to begin the update process
7. The amplifier’s front panel display will show the firmware update progress bar move from 0% to 100% over a period of 1-2 minutes
8. Allow the amplifier to automatically reboot.
9. Once the process is complete, reconnect to the web client to verify the Firmware version has been updated.



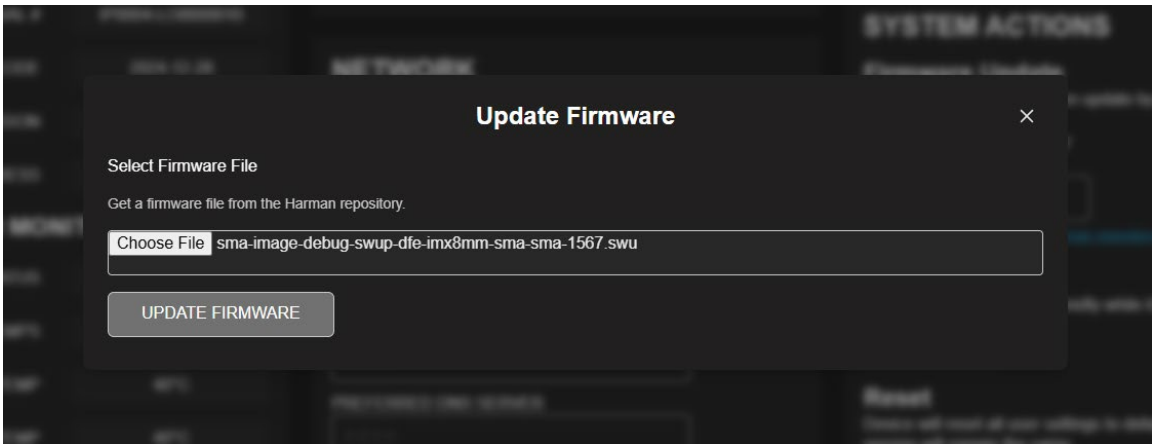
NOTE: It is recommended to clear your browser cache after a successful firmware update.

As viewed from the Web Client user interface

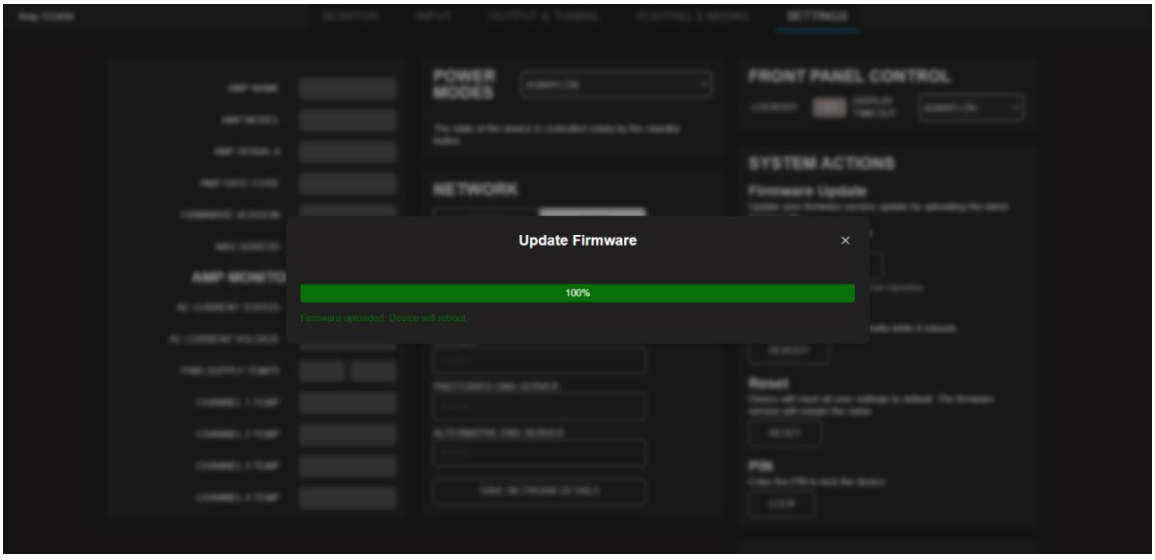
Click to choose a FW update file



Click "UPDATE FIRWMARE" to begin the update



Update Progress bar shows firmware upload is complete



NOTE: The amplifier's front panel display will show the actual firmware update progress. Allow the amplifier to automatically reboot.

Release Notes

v2445

- Initial Production Release

V2735

- Heat management optimization. Change related to the timing when the fans startup after power is applied.

V3871

- Bugfix on firmware upgrade to backup Dante license upon update
- Bugfix on firmware upgrade to avoid failing to restore default configuration because of missing default file after FW upgrade

V4259

- WebUI:
  - Copy output speaker DSP settings across channels
  - Dante status & info to webUI
  - Support Output mode (Hi-70V / Hi-100V / Lo-Z) with additional limiter so that LevelMax is left independent for user control
  - Support LevelMax (v0.1.6.33) and Automatic mode + hook up UI level meters
  - Dante signal presence and device/input/output name link with Dante Controller
  - Update level meter ranges to [-60,0] dB
- Display:
  - Timeout to navigate back to monitor view on display
  - Input max gain to 0dB on display
  - Dante status & info to display
  - Front Panel UI - DSP block should be highlighted when in use
  - Front panel UI - PEQ "Band" selection navigation
  - Update level meter ranges to [-60,0] dB
  - Support LevelMax (v0.1.6.33) and Automatic mode
- Update Speaker Tunings library:
  - SCL-2XL
  - SCL-4XL
  - SCL-6XL
  - SCL-7XL
  - SCL-9
  - SCL-9XL
  - SCL-10
  - SCL-10 2pi
  - SCL-10XL
  - SCL-10XL 2pi

V4473

- Remove support for 44.1 & 88.2 kHz Dante Sample Rate
- Upon FW update, fall back to 48 kHz Dante sample rate in case the device was previously configured to 44.1 or 88.2 kHz

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Known Issues

Dante sample rates: Support for 44.1 and 88.2 kHz has been temporarily removed in this firmware release due to a known issue in the underlying Dante software (DEP). Amplifiers previously configured to either sample rate will automatically switch to 48 kHz when updated. Audinate is aware of the issue and is working on a correction targeted for the next DEP release. Restoration of these sample rates in SMA amplifier firmware is subject to availability and validation of that correction.