

SA-xDSP Firmware Update

Firmware Update – Version 2 Network Hardware

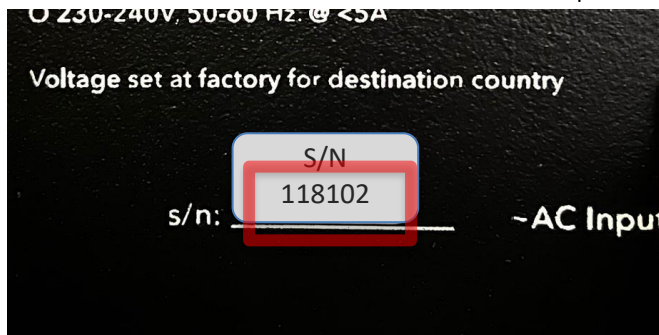
Below are instructions for updating firmware in the SA-x Amplifiers with the new network hardware/controller.

SA-3DSP is shown, but the steps are the same for SA-2DSP, SA8-DSP, SW-1DSP and IA-8DSP.

NOTE: You must identify the version of hardware you have before beginning. These instructions and the firmware are only for the newer hardware. New hardware can be identified in one of three ways.

If *any one* of the below 3 options are true, you have the newer network hardware and can continue to the firmware update process.

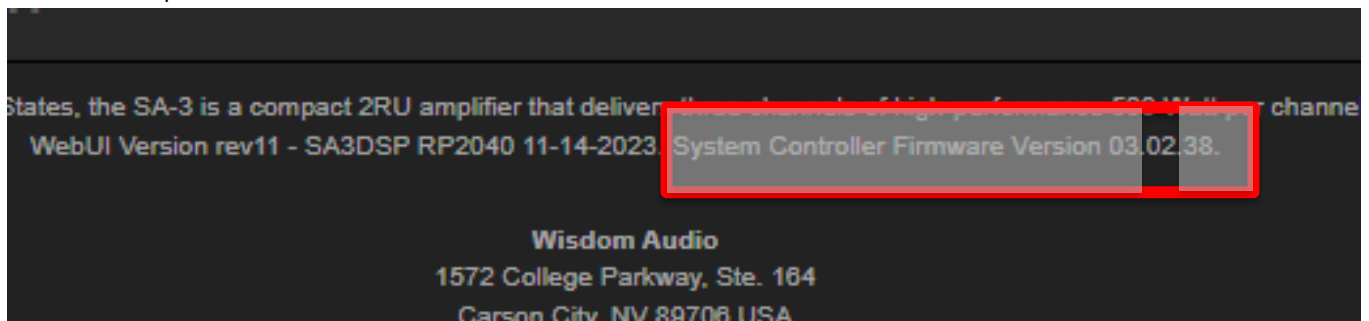
1. Serial # beginning with **SN# 118102** and higher. If your unit has a serial # higher than this, you have the GEN 2 hardware. The serial number sticker will be located on the rear panel either near the A/C inlet or next to the DANTE port:



2. "V2" Sticker on the rear panel with the MAC Address. This is located near the Ethernet Port on the rear panel:



3. Checking the WebUI Audio System home page. The Firmware Version will have xx.02.yy in the number to show it is REV 02 hardware compatible:



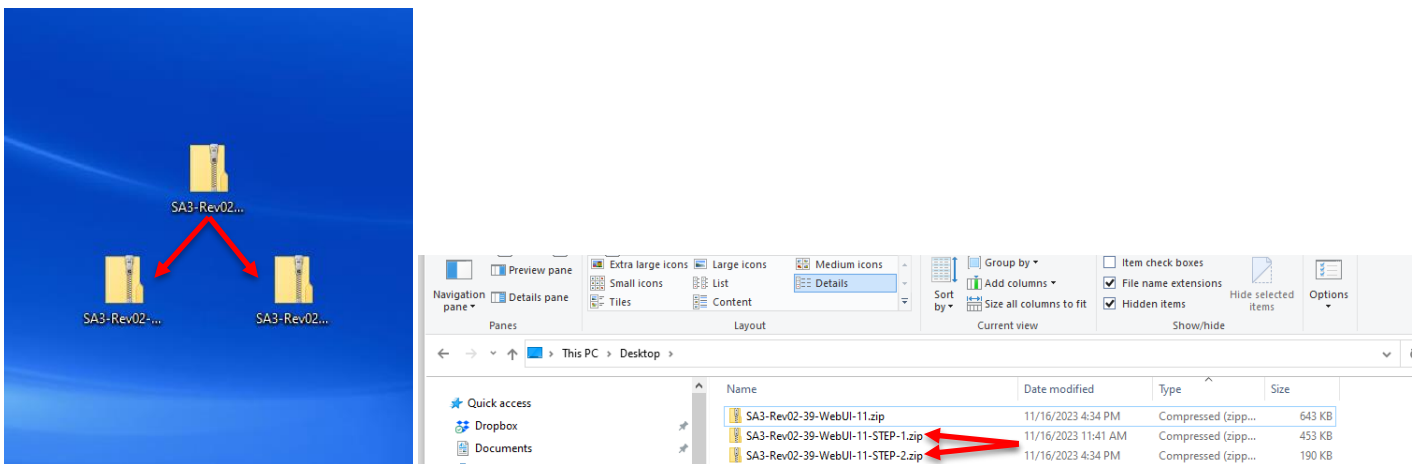
Required tools/setup:

- Ethernet connection to the amplifier
- Firmware Files provided by Wisdom Audio
 - ZIP file Containing all files and instructions including:
 - SA3-Rev02-**xx**-WebUI-**yy**-STEP-1
 - SA3-Rev02-**xx**-WebUI-**yy**-STEP-2
 - The **xx** and **yy** will have the Version Numbers for the System Controller Hardware and Web UI files.

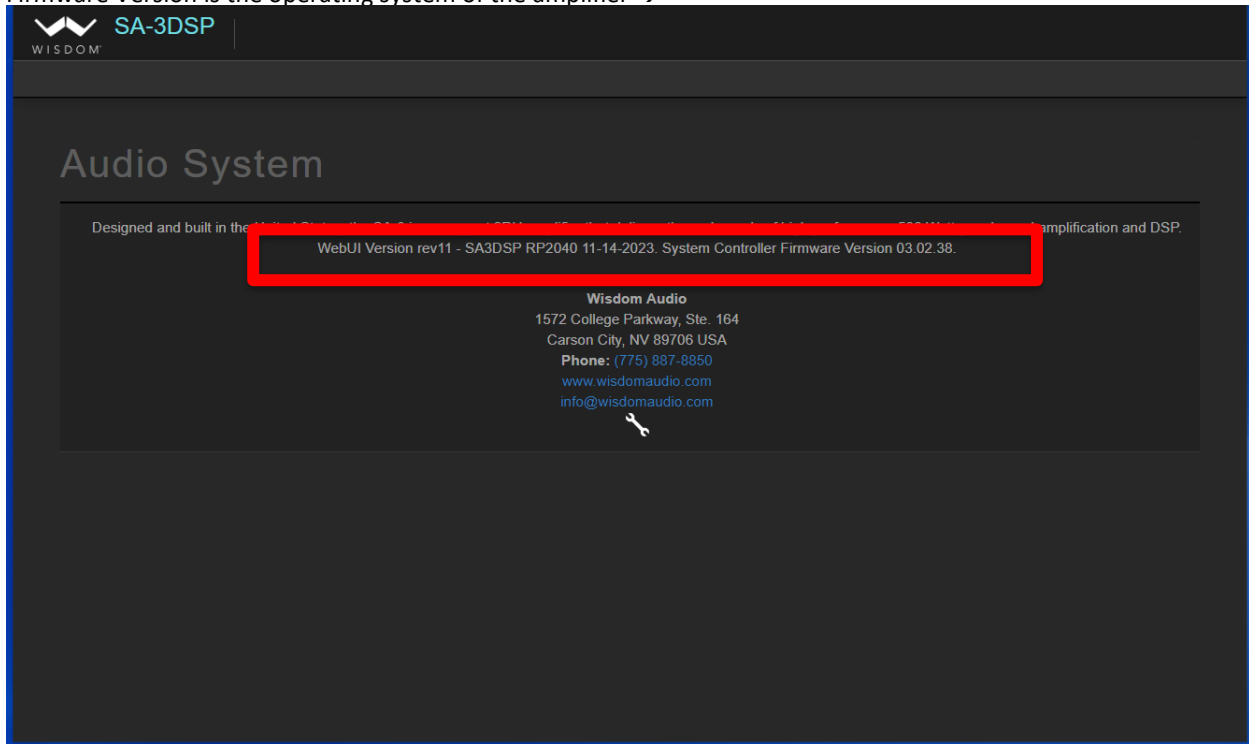
Firmware Update from Web UI over Ethernet

If you have not identified the correct hardware on page 1, go back and make sure you are reading the correct instructions. The firmware will not load into the wrong hardware.

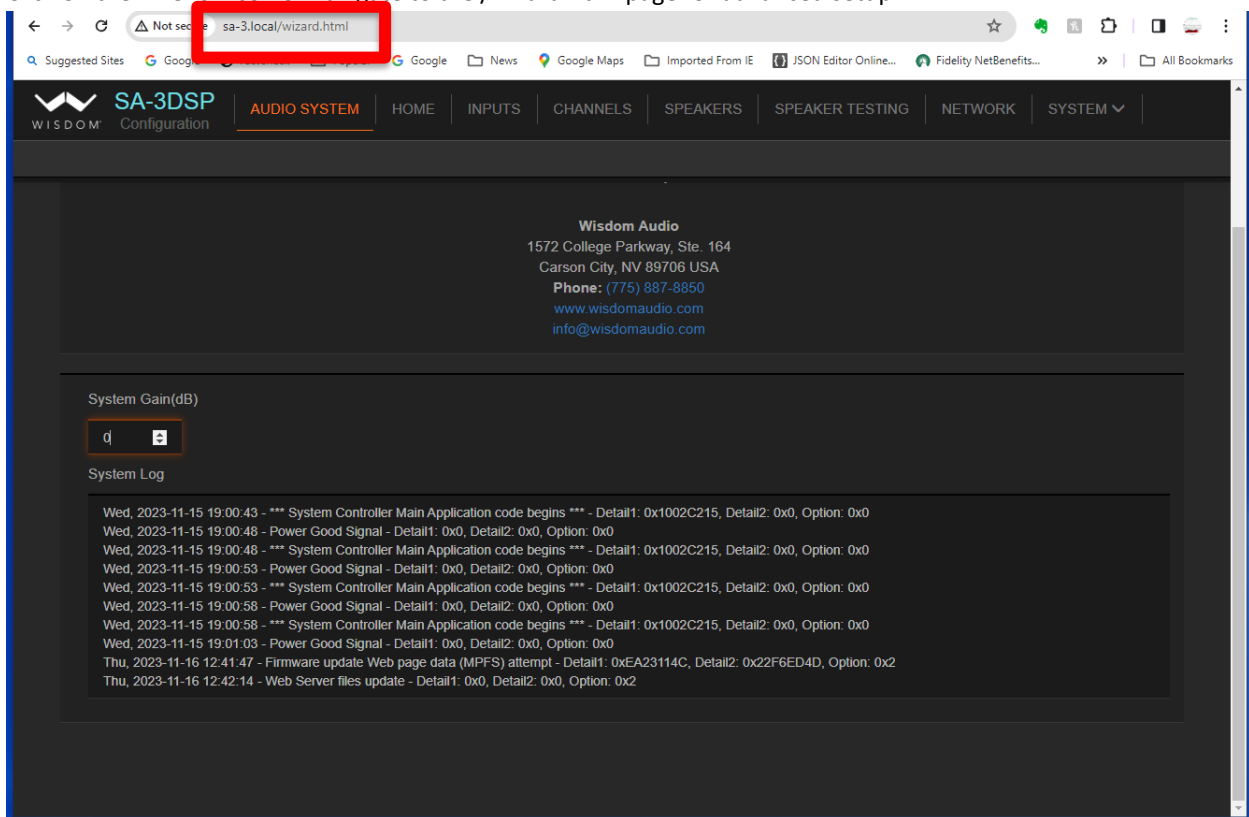
The download from www.WisdomAudio.com will include 2 .zip files labelled STEP 1 and STEP 2. Place the 2 Zip Files on your computer (desktop or other location) but do not unzip them.



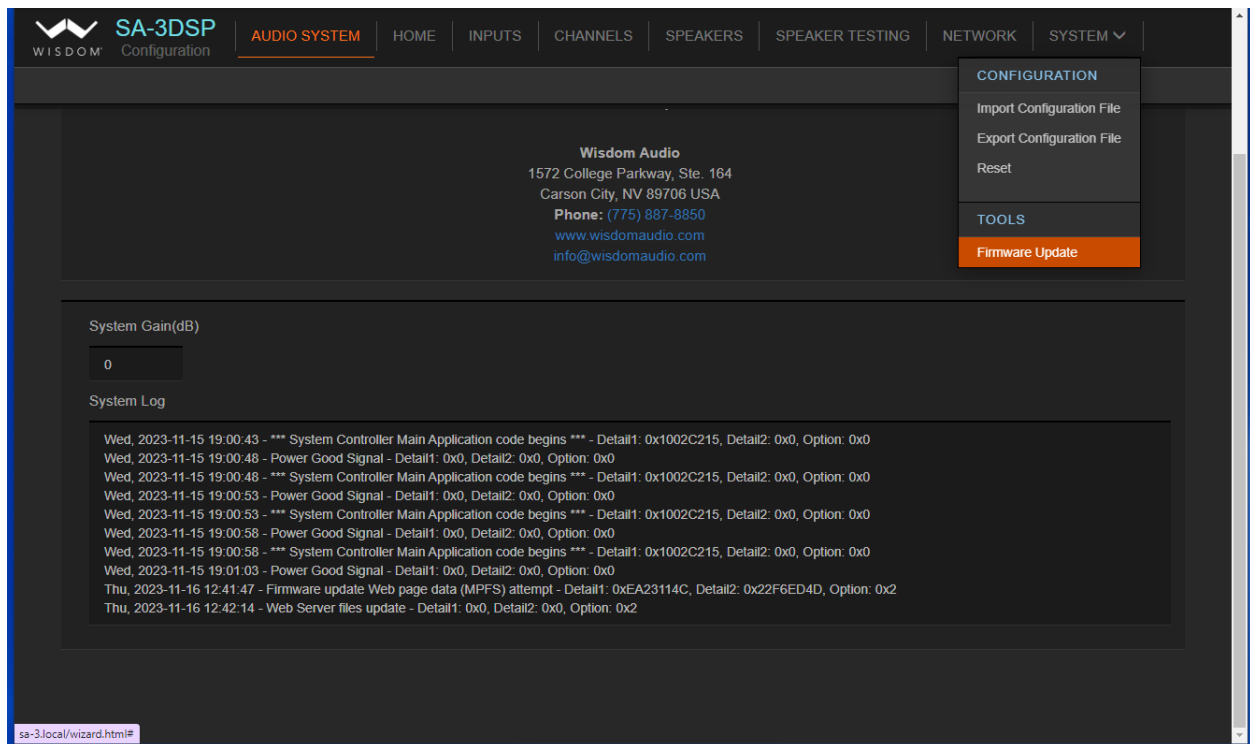
1. Check the current firmware: WebUI Version is the current webpage server files that you see; the System Controller Firmware Version is the operating system of the amplifier →



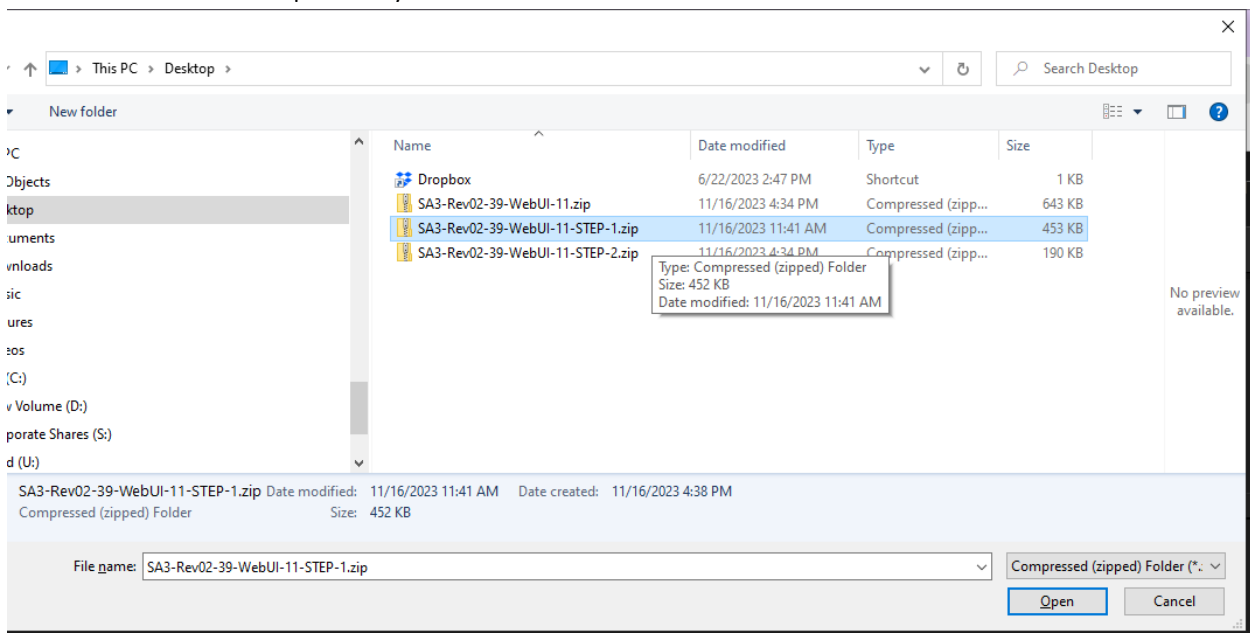
2. Click on the Wrench Icon or navigate to the /wizard.html page for advanced setup:



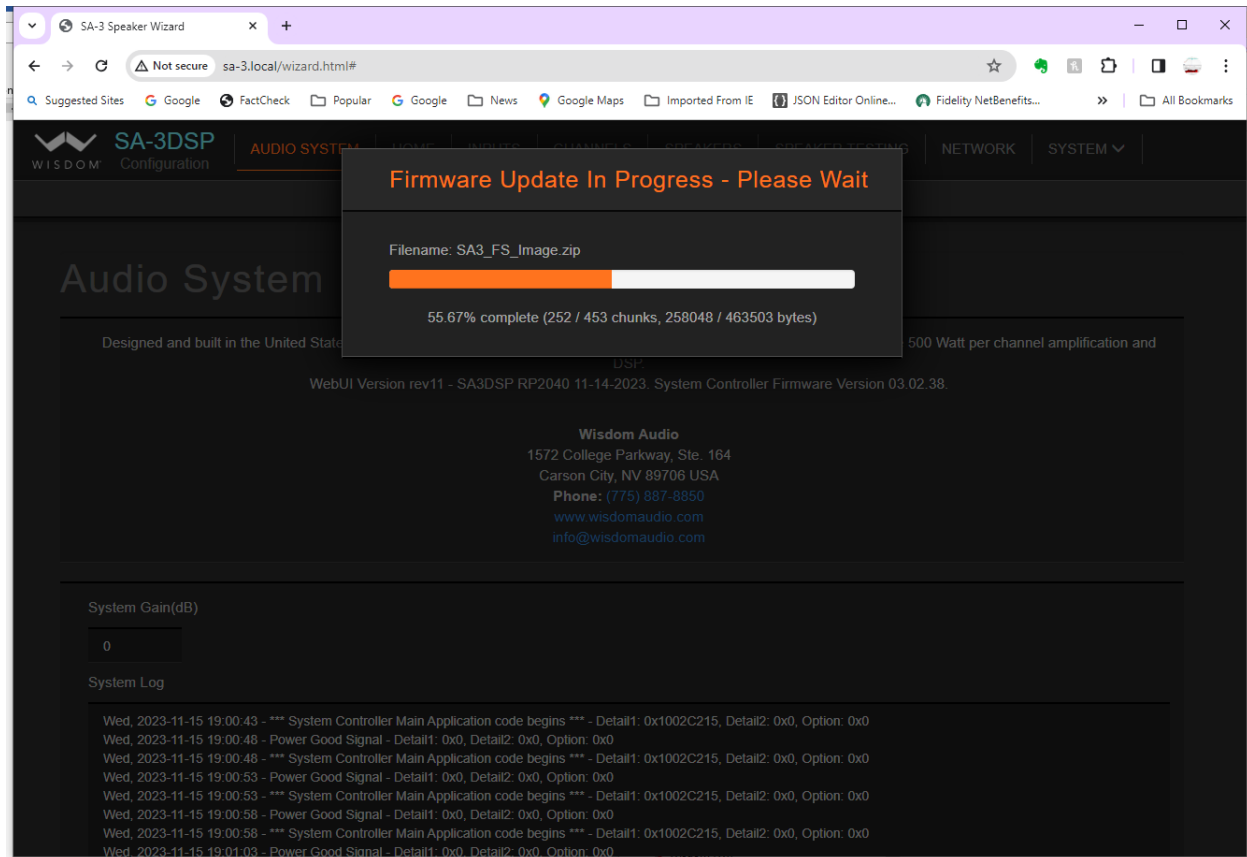
3. SYSTEM→FIRMWARE UPDATE



4. Choose the STEP 1 ZIP file previously downloaded from Wisdom:

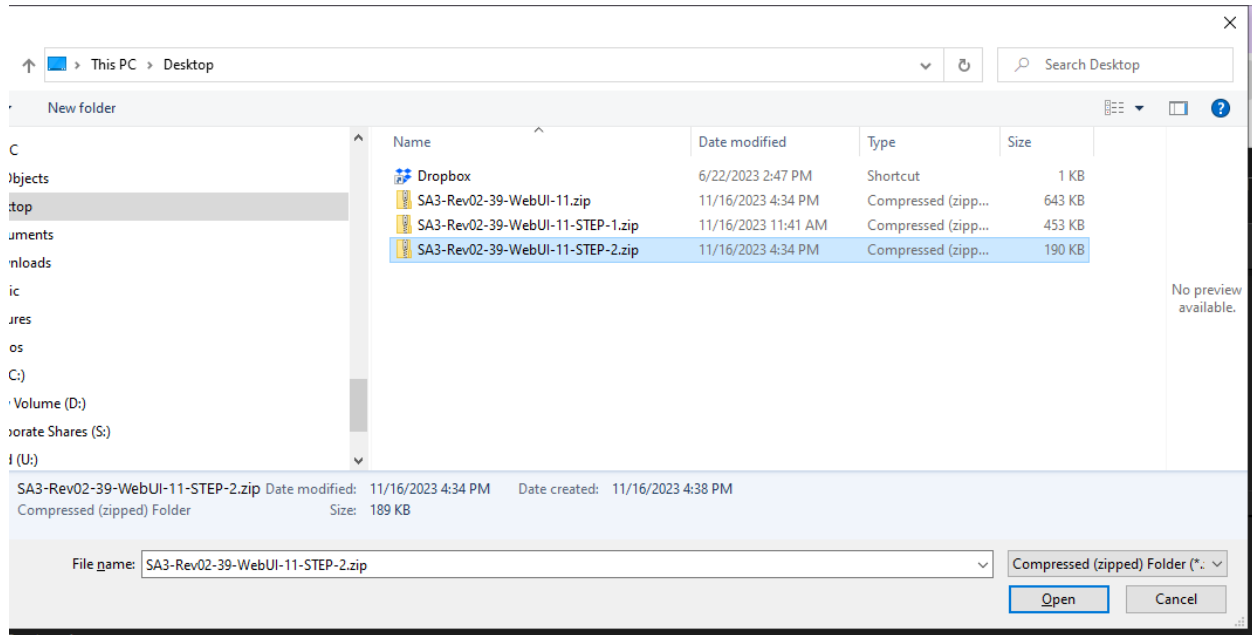


5. Download begins with FS_Image (File System Web UI Files) first→

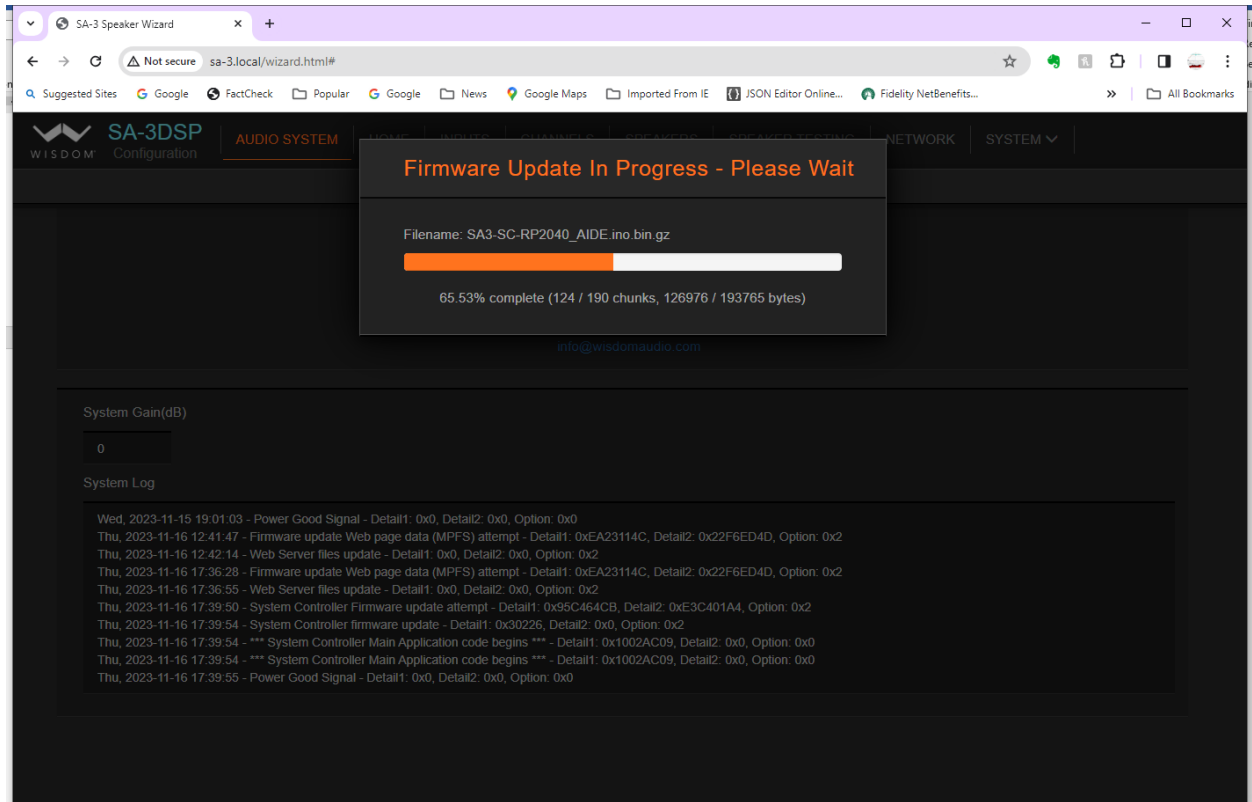


6. The download will complete and after approximately 30 seconds the web page will reload. You are now ready for the second step.

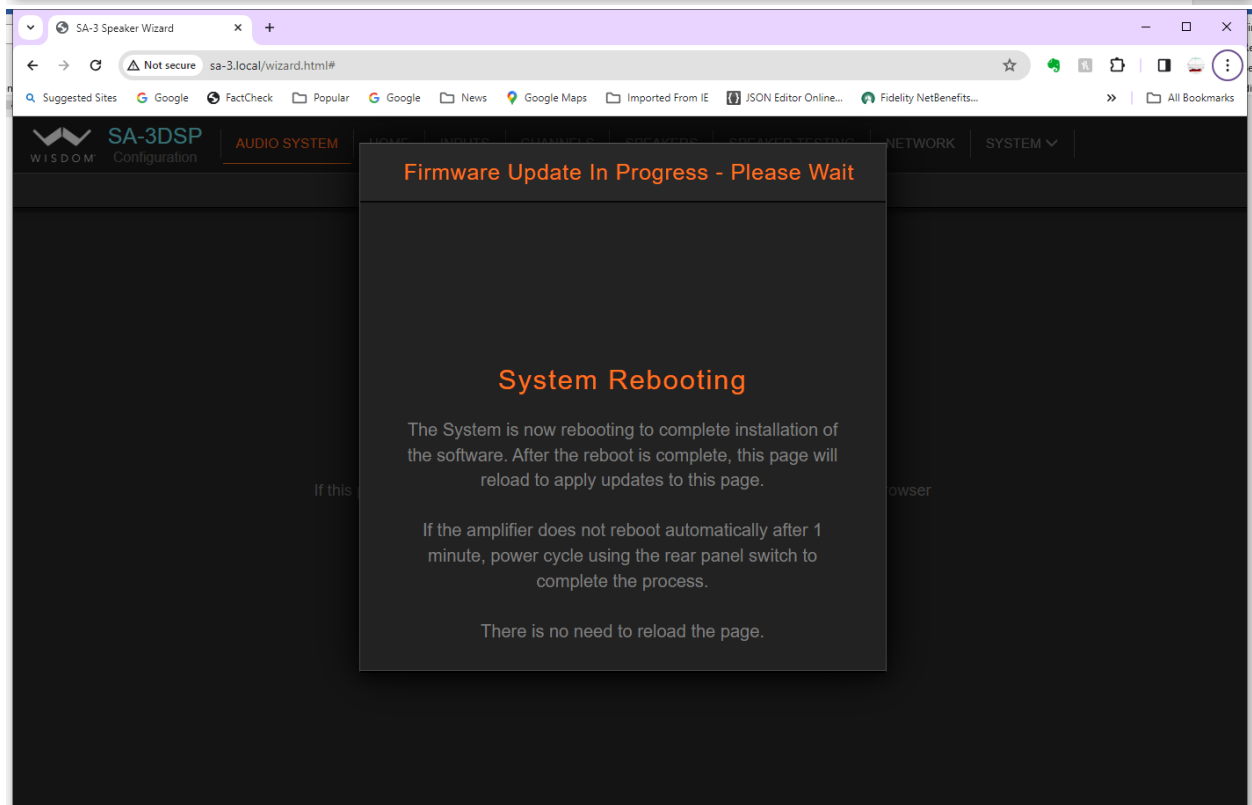
7. SYSTEM→FIRMWARE UPDATE
8. Choose the **STEP 2 ZIP** file previously downloaded from Wisdom:



9. Second download of SAx-SC files (Amplifier System Controller Operating System Files) → The Upload will automatically complete and reboot the system. If the System does not reboot and reload after 1 minute, switch off the amplifier from the rear panel and turn on again to complete the update.

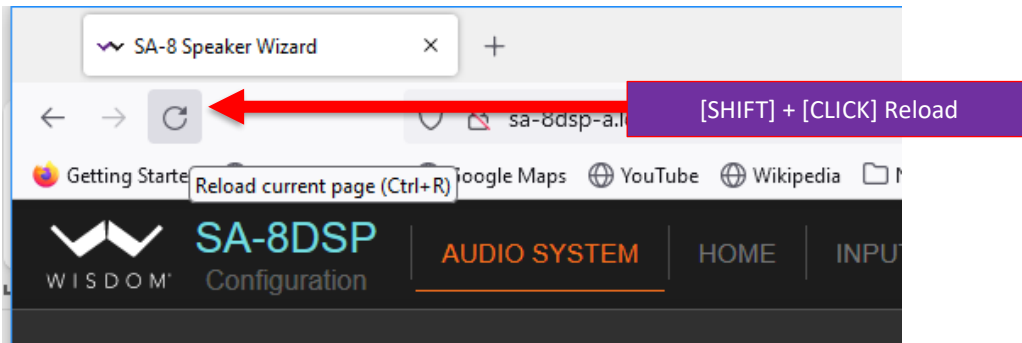


10.



Refresh the Web UI Interface

After the new files have been loaded into the SA-xDSP, it may be necessary to refresh the Web UI to make the new UI elements visible. Once you have opened your web browser and are on the setup pages for the SA-xDSP, hold down the SHIFT key and press the RELOAD:



Check the firmware has successfully completed

Check that the firmware on the main page shows the latest version. Also you can see the firmware and file system update attempts and update completion in the System Log.

