

# **flickerSong - Updating the firmware**

March 16, 2022

**flickerSong** firmware exists inside of each **flickerSong**, and periodically upgraded versions of the firmware are released. It can be advantageous to upgrade to access more advanced features or eliminate software bugs which despite all efforts can be discovered after firmware release.

The firmware is downloaded from the ScottEfx website at [www.scotteffx.com](http://www.scotteffx.com) to a Macintosh, you must download a firmware version suitable for your **flickerSong** based upon its serial number, older firmware versions can be downloaded if desired. The firmware is signed prior to release, and only signed versions can be used.

The procedure for updating your **flickerSong** firmware is as follows:

**A. Download the flickerSong firmware from the website**

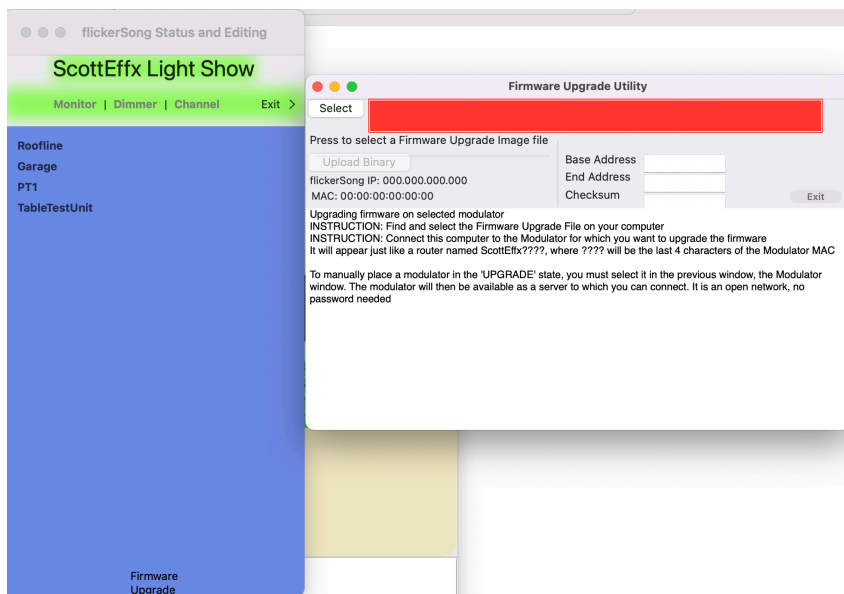
1. Using a web browser, open [www.scotteffx.com](http://www.scotteffx.com)
2. Navigate to the **Downloads** page
3. Select the firmware download compatible with your **flickerSong**
4. Download the firmware to any suitable Macintosh folder, such as 'Downloads'.


**B. Upload the firmware to a flickerSong**

1. Run **ScottEfxShow** on the Mac, on the same WiFi router as the target **flickerSong**
2. Select the **flickerSong** to be upgraded in the **flickerSong** list view, and press and hold the **Firmware Upgrade** button for 5 -10 seconds until the **Firmware Upgrade Utility** window appears. Note: You **MUST** select a **flickerSong** by highlighting it before

pressing the **Firmware Upgrade** button, otherwise the **flickerSong** will not be configured and prepared to receive the firmware update.

**3.** In the **Firmware Upgrade Utility** window press **Select** to navigate to the firmware upgrade file which you just downloaded from the ScottEfx website. The file is checked to verify it is a valid **flickerSong** firmware image file indicated by a green highlight and textual confirmation.



4. DO NOT press the **Upload Binary** button yet, first you need to connect your Mac to the flickerSong's local network as follows:
5. Using either the Mac's header WiFi symbol  or else **Preferences->Network** settings, look for the temporary **flickerSong** WiFi server which will be named **ScottEffxZZZZ** where **ZZZZ** is four lowercase numbers or letters such as **ScottEffxc2ae**. Select the server and give your Mac a moment to connect.
6. Press **Upload Binary** to begin the upload process. Progress is shown in the text box, and will indicate when the upload is complete.
7. Upon completion of the upload, the **flickerSong** is reset, it's connected lights flash, and it is ready for use.