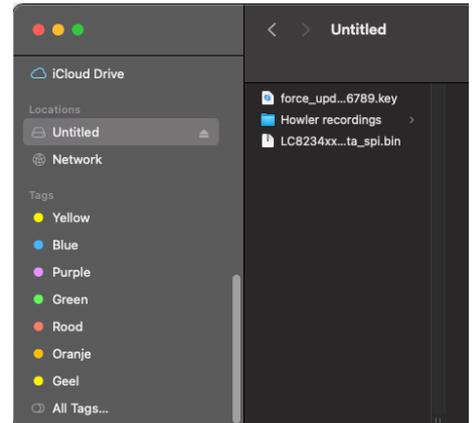


For list of fixes in this update see bottom of page

## How to install the firmware update on your Howler

In [this shared folder](#) you can find 2 files: a **.key** and a **.bin** file.

1. Do a test recording with Howler to check if the sd card in Howler is still working correctly to be sure!
2. Put **both .key and .bin** files onto this sd card you just test recorded with. (Not inside the Howler recordings folder.) See screenshot ->
3. Safely remove sd-card before ejecting from device.
4. Turn off Howler.
5. Put Howler on wav mode (with the slide switch at the front).
6. Put SD card in Howler.
7. Connect Howler to a charger and make sure Howler is charging.
8. Turn on Howler.
9. Wait for a while (max 40 sec) until the REC button LED has turned on red.
10. Now the new firmware is installed!



### Howler firmware 1.2 update:

#### iPhone fix

It occurred that Howler could not connect with some iPhones. With this firmware update you will be able to connect Howler to your iPhone again as an audio interface (for streaming) and storage device (transferring files from Howler to your phone)\*.

**\*iPhone pack / iPhone "camera adapter" is needed** to connect Howler to iPhones.

#### Out of battery alarm

Howler now shows an alarm when the battery is almost empty.

- **Battery LED blinks blue & red:** When the battery has around 1 hour left of recording the battery LED starts blinking red (slow blinks) through its blue color. It will continue recording in this state, though you won't be able to start any new recordings

So, if you see the battery LED blinking, connect a charger!

#### Automatic saving

Howler now automatically saves the recording just before the battery is depleted.

- **Battery LED blinks red:** Just before the battery is totally depleted Howler automatically stops the recording and saves it onto the SD card. In this state, the battery LED gives fast red blinks.