



Biopod PCBv2 Mediatek Firmware Upgrade

1. Reset your Biopod PCB by holding down the reset button for exactly 12 seconds, **it is extremely important that you count the seconds correctly! Holding down the reset button for too long or too short will not work!** Wait for the boot process to finish. When the boot process is finished, your PCB will be flashing green only. **Please be patient as the boot process can take several minutes.**
2. Connect to your Biopod PCB WiFi using a Wi-Fi enabled computer (it should be called **Biopod_XXXXXXX** – where the X's are your Biopod serial number – if prompted for a password, enter: **biopod123**)
3. Open up a internet browser and go to **192.168.100.1**
4. Login with username **root** , password is **biopod123**
5. On this page, scroll down to “Software information” and click **Upgrade Firmware**, as shown below:

Software information

Boot loader version

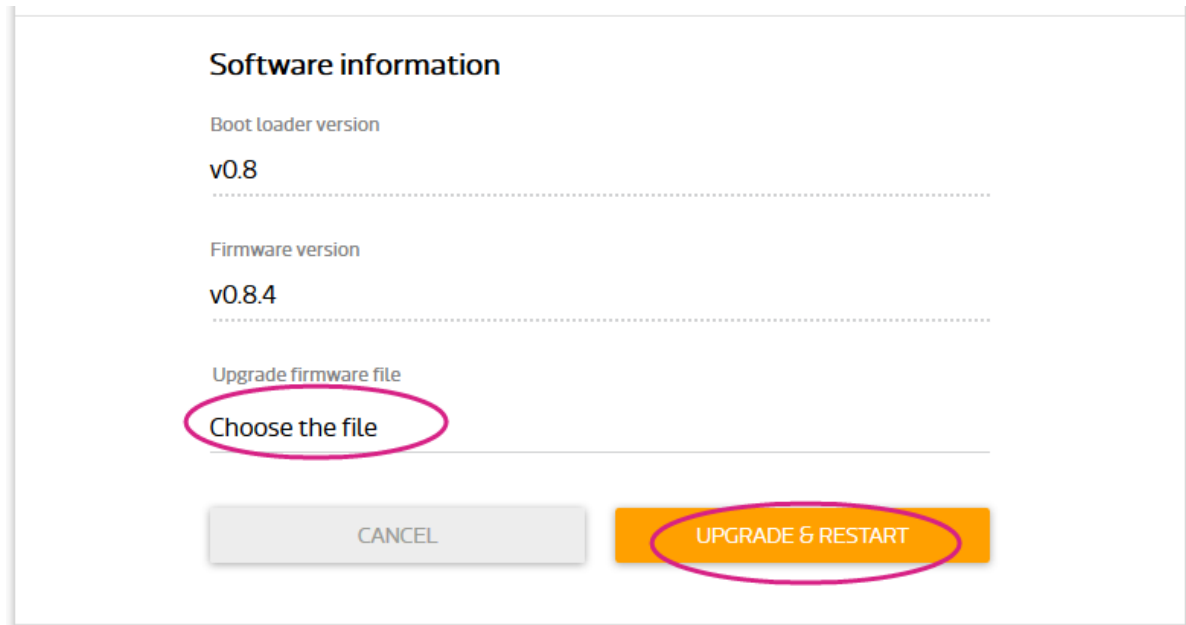
v0.8

Firmware version

v0.8.4

UPGRADE FIRMWARE

6. Click **Choose the file** and select the firmware file (it may be called **lks7688.img** or it may have another name with the firmware version on it), then click **Upgrade & Restart**, as shown below.



7. You will get a message saying “Upgrading firmware” and shortly after a message saying “The Firmware is uploaded and flashing”.

Do not touch the PCB or press any buttons on the PCB during this process and make sure the PCB stays connected to power and does not lose power. The upgrade process can take between 5 – 10 minutes, please be patient.

8. When the firmware upgrade is fully completed, you will only see a green light flashing on the PCB and you will see the PCB broadcasting it’s serial number in this format: “Biopod_XXXXXXX”. The PCB has now been upgraded and is ready to be connected to WiFi using the Biopod App. If more than 10 minutes have passed but the green light is not flashing and if the PCB is not broadcasting a WiFi signal, unplug and re-plug the unit and wait until it reboots. Then try to connect it to WiFi and confirm if the upgrade worked.