DONNER

POCKET FM SYNTHESIZER

Firmware Update and Community Firmware Installation Guide

DONNER periodically releases POCKET FM firmware updates. The official DONNER firmware version covered in this guide is [015]. For future updates, refer to the information published on the official Donner Music website.

POCKET FM hardware can also run official M-VAVE FM-1 firmware, including V16. Before installing community firmware for the FM-1, follow the steps below to update the device to official M-VAVE FM-1 firmware. Compatibility, features and performance may vary between community firmware releases. Read the relevant developer's instructions before installation.

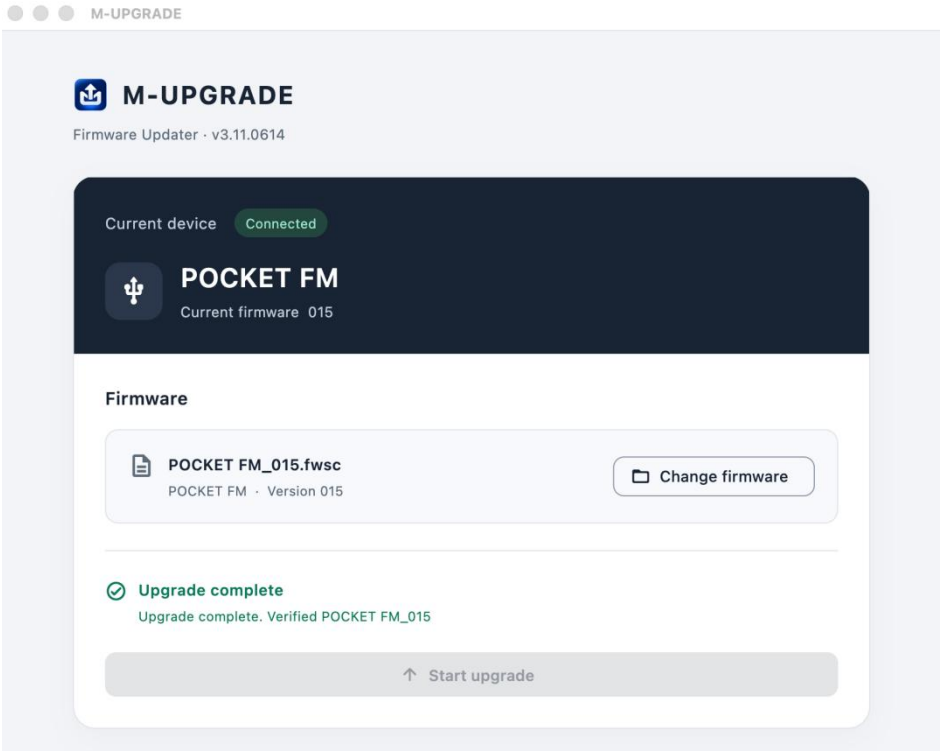
1. Before You Begin

Prepare the following equipment, software and files:

- POCKET FM
- A computer that meets the updater's system requirements, such as a Mac or PC
- A USB cable that supports data transfer
- The latest firmware updater [M-UPGRADE NEW] from the official Donner Music website
- The latest firmware files from the official Donner Music website:
  [FM-1.fwsc]: Installs official M-VAVE FM-1 firmware
  [POCKET FM_015.fwsc]: Updates or restores official DONNER 015 firmware

2. Connect the Device and Update Official DONNER Firmware

1. Connect POCKET FM to your computer using a USB data cable and make sure the device is powered on.
2. Download M-UPGRADE from the official Donner Music website, launch it and confirm that it detects the device.
3. Load the [POCKET FM_015.fwsc] firmware file in the updater.
4. Click “Start upgrade” and follow the on-screen instructions.
5. Once the updater reports a successful update, confirm that the device starts up normally.

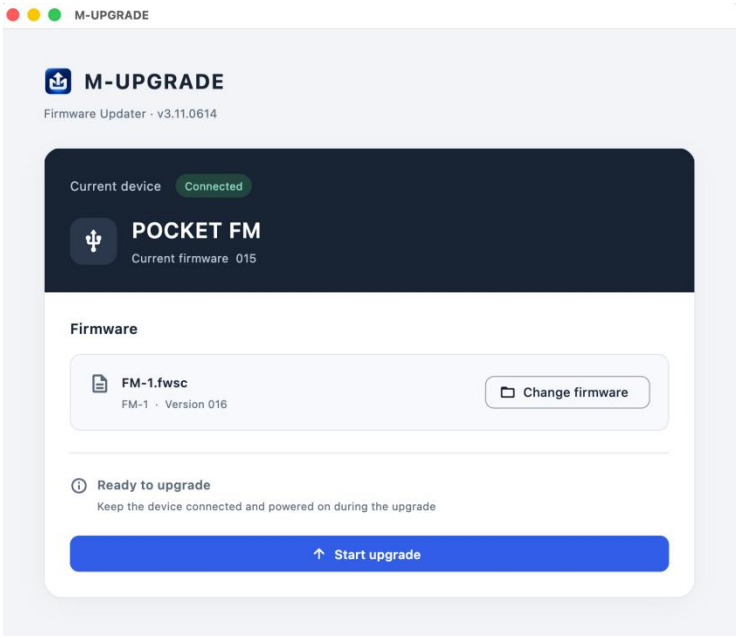


Note: If the device is running community firmware, follow Section 4 of this guide to restore official M-VAVE FM-1 V16 firmware before installing DONNER 015 firmware.

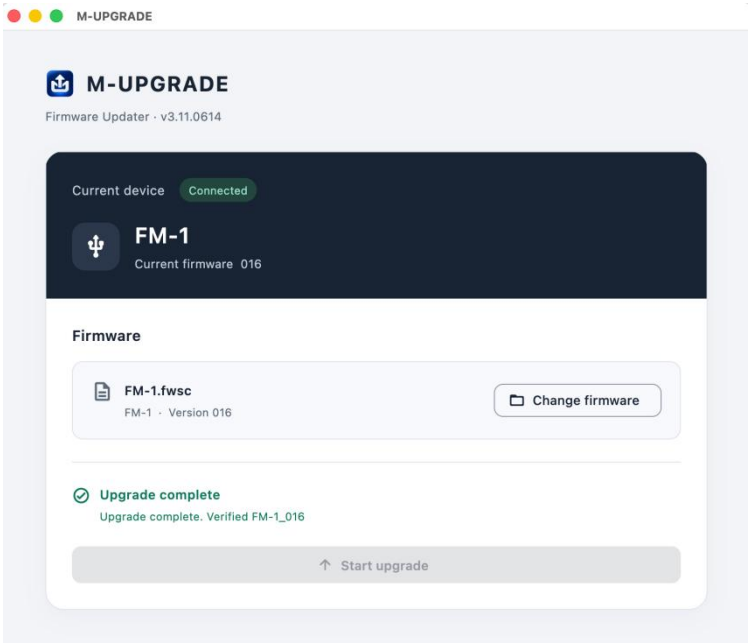
3. Install Community Firmware

Step ①: Install official M-VAVE FM-1 firmware.

1. Download the latest M-UPGRADE and the [FM-1.fwsc] firmware file from the official Donner Music website.
2. Connect POCKET FM to your computer via USB and launch M-UPGRADE.
3. Once the updater detects the device, load [FM-1.fwsc].



4. Click “Start upgrade” and wait for the updater to report a successful update.
5. Confirm that the device starts up normally, then close M-UPGRADE before installing community firmware.



Step ②: Install your chosen community firmware.

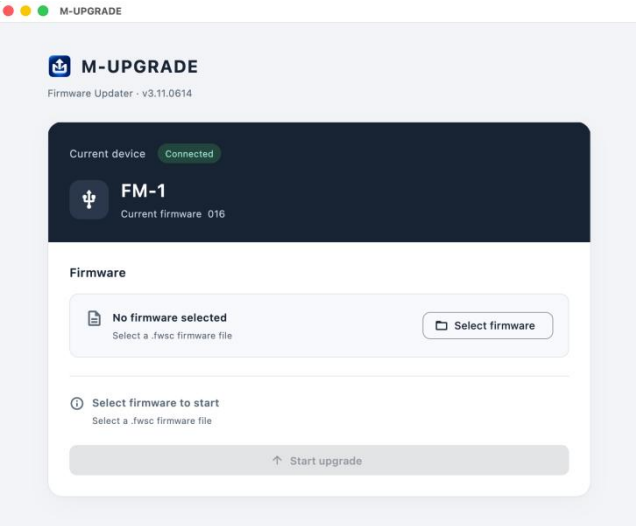
1. Open the developer's installation page for your chosen community firmware.
2. Read the firmware's compatibility notes, installation requirements and recovery procedures.
3. Follow the page's instructions to connect the device and complete the firmware installation.
4. After installation, follow the developer's instructions to verify the firmware version and check that the device is operating correctly.

Note: Installation tools and procedures may vary between community firmware releases. Follow the relevant developer's instructions. Installing official M-VAVE FM-1 firmware does not guarantee that all community firmware will be compatible or work correctly.

4. Restore Official DONNER 015 Firmware from Community Firmware

Restoration requires the following two steps, in order:
Community firmware → Official M-VAVE FM-1 V16 firmware → Official DONNER 015 firmware

1. Connect POCKET FM to your computer via USB.
2. Open the installation or recovery page for the community firmware currently installed. Follow its instructions to install official M-VAVE FM-1 V16 firmware first.
3. Wait for the page to confirm that installation is complete, then check that the device starts up normally.
4. Close the community firmware page and launch M-UPGRADE.



5. Load [POCKET FM_015.fwsc] in M-UPGRADE.

6. Click “Start upgrade” and wait for the updater to report a successful update.

7. Follow any further on-screen instructions and confirm that the device has been restored to DONNER 015 firmware.

Note: If the community firmware page does not explain how to restore FM-1 V16, consult the firmware developer's recovery instructions or contact DONNER Customer Support for assistance.

5. Warranty Information

Installing official M-VAVE firmware or community firmware does not, by itself, void the warranty on your POCKET FM.

If DONNER determines that a fault or damage was caused by third-party firmware or the flashing process, that fault or damage may be excluded from coverage under the applicable warranty terms. Unrelated faults remain subject to the standard warranty terms. Your statutory consumer rights are unaffected.