

NOTE!

Before you install OpenGD77 save your codeplug using the factory (original) CPS, and be sure that you have factory firmware available as it is needed if you choose to revert back to original firmware and codeplug.

Original config in radio will not work in OpenGD77 so you need to recreate a codeplug manually

The CPS file format in OpenGD77 (g77) is not compatible with the factory format (rdt)

Q: You are running original Baofeng firmware in the radio now ?

1. Power off radio
2. Start Device Manager in computer.
3. Connect cable between radio and computer.
4. Press and hold PTT and the button above PTT and power on radio.
5. Does the LED blink red and green ?
6. Do you see "STM Device in DFU Mode" in the Device Manager ?



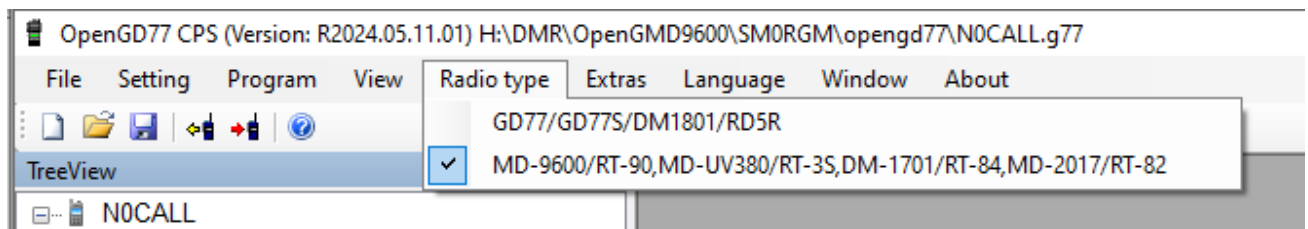
This indicates that you should be able to load OpenGD77 as everything seems to connect as it should.

Then:

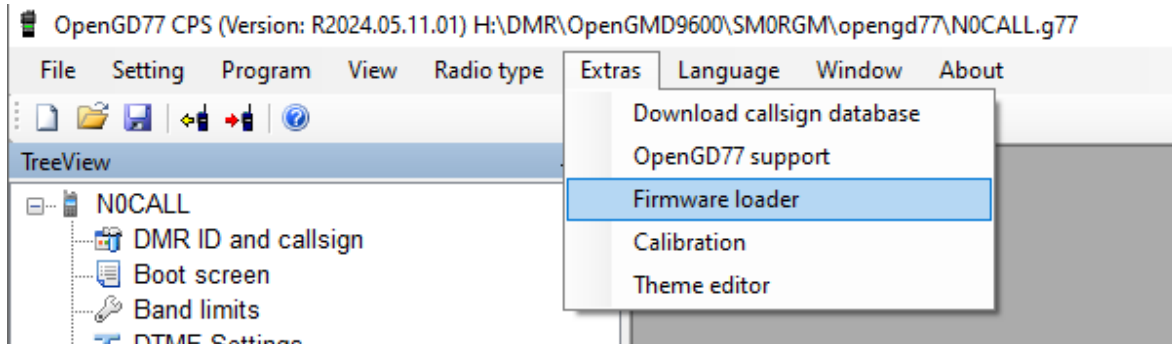
1. Have you loaded and installed latest OpenGD77 CPS from https://www.opengd77.com/downloads/PC_CPS/Latest/
2. Have you downloaded the donor software from https://www.passion-radio.com/index.php?controller=attachment&id_attachment=760 and extracted the file "MD9600-CSV(2571V5)-V26.45.bin" from the donor software
3. Have downloaded latest OpenGD77 file for DM-1701 from https://www.opengd77.com/downloads/MDUV380_DM1701/Firmware/Latest

Then you have all the files needed for flashing:

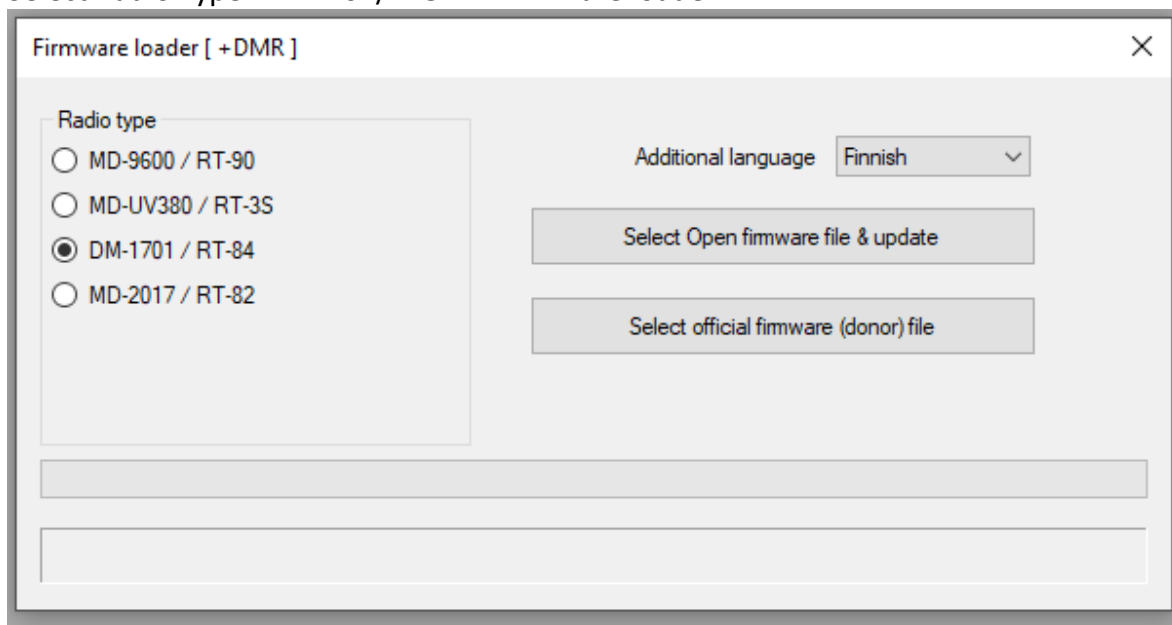
1. Connect the powered off radio to computer as before
2. Start the OpenGD77 CPS program
3. Start radio in DFU mode as before, led on radio should blink red/green.
4. Select the correct radio type in OpenGD77 CPS



5. Start the "Firmware Loader"



6. Select Radio Type DM-1701/RT84 in Firmware loader



7. Click on "Select official firmware (donor) file and find the "MD9600-CSV(2571V5)-V26.45.bin" that you extracted from the donor file.

You will see that it now says [+DMR] in top left of the Firmware loader window as in the picture.

If it says [FM] you will only get FM and no DMR functions.

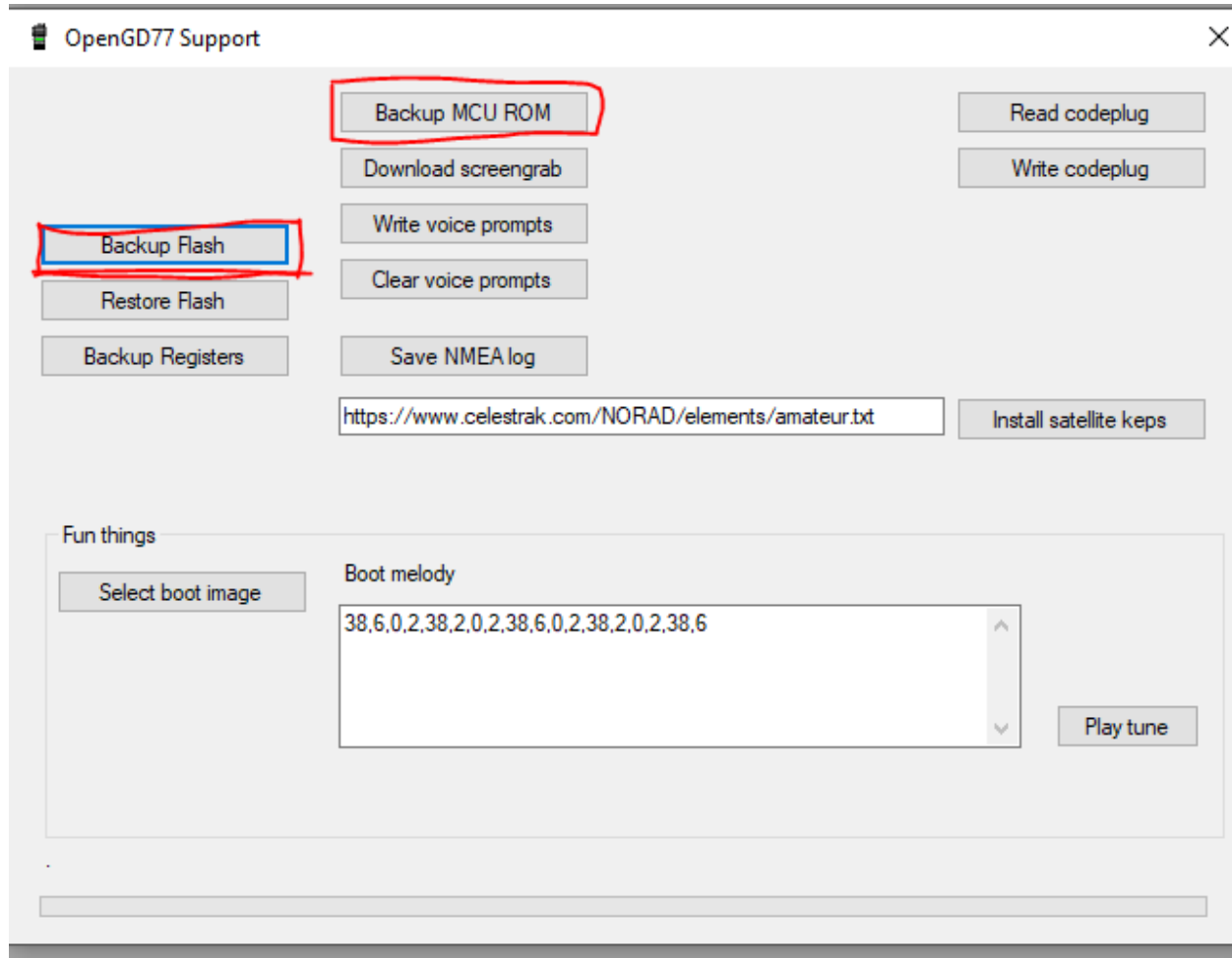
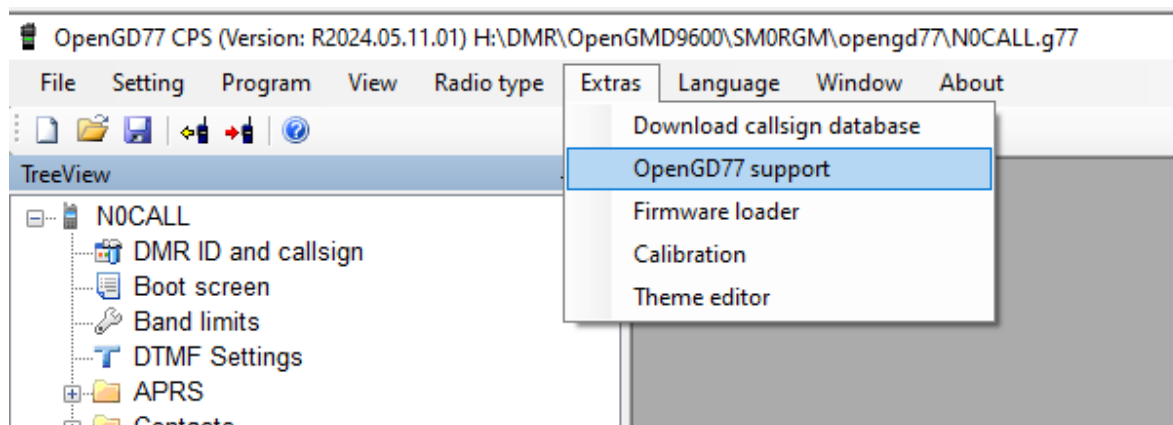
8. Click on "Select Open firmware file & update"

Go to the directory where you put the "OpenDM1701.zip" file and select it and click on Open in the file window.

9. CPS should start the load of the OpenDM1701.zip flash

10. Radio will restart with the loaded OpenGD77 firmware.

Radio is now running OpenGD77 but most of the config still contains Baofeng data so the first step is to backup the old flash and MCU ROM from "OpenGD77 support"



When the backup of flash and mcu rom is done you can write a OpenGD77 codeplug to clear the config areas.

You can start with the default plug in OpenGD77 CPS.