

FILES AND PROGRAMS NEEDED TO UPDATE THE RADIO

To update the CS7000 M17 to do M17, you need the following files:

1. [openrtx_cs7000_v0.4.0.dfu](#)

or later version of the firmware. Please see application note “**GETTING THE LATEST M17 FIRMWARE**” to find this file.

To load it into the radio, you need the following program:

1. DfuSeDemo V3.0.6

This program can be found at:

https://www.connectsystems.com/amateur-software/CS7000_M17_software.html

To update the CS7000 M17 to do DMR, you need the following files:

1. Bootloader DR7800_B5.01.dfu
2. Firmware DR7800S V8.01.23.bin

And the following programs:

1. DfuSeDemo V3.0.6
2. Factory Tool Common V5.08.01

These files and programs can be found at:

https://www.connectsystems.com/amateur-software/CS7000_M17_software.html

To update the CS7000 M17 PLUS to do M17 and DMR, you need the following files:

1. M17PLUS_Bootloader_B7.06.boot
2. M17_PLUS_HOST_V9.00.26_20250704.bin
3. M17PLUS_String_V2_28_20250507_Version_Full.lang
4. ResetDefault_M17PLUS.rdbx
5. openrtx_cs7000p_v0.4.0.bin

And the following programs:

1. Factory Tool_M17_DMR V1.0

All the files and program can be found at:

https://www.connectsystems.com/amateur-software/CS7000_m17_plus_software.html

Not all the files will be needed every time you need to update the firmware.

To get the latest version of the M17 firmware, please see application note “**GETTING THE LATEST M17 FIRMWARE**” to find this file.

To unbrick the CS7000 M17 PLUS, you need the following file and programs

1. M17PLUS_Bootloader_B7.06.dfu
2. DfuSeDemo V3.0.6
3. STM32CubeProgrammer

The STM32CubeProgrammer is used to clear the microcontroller in the radio when it gets bricked. The DfuSeDemo program is used to load the bootloader in the radio. Those two programs do not seem to coexist on the same computer due to driver conflicts. Please use two computers if you need to unbrick the radio.

It is recommended you download all the programs needed and put them in the same directory to make it easy to find the programs and files when you need them.

The files shown in this application note may not be the latest. Please look at the website to get the latest files when needed.