

UNBRICKING A CS7000 M17 PLUS

Unbricking a CS7000 M17 PLUS is easy if you can successfully install the DfuSeDemo program and the STM32CubeProgrammer program on two different computers.

The reason for two different computers is because the two programs seem to have conflicts with the drivers when you try to install them on the same computer.

The second problem you have is to know the programs are actually installed correctly.

Once you get the bootloader installed, you then go to the normal way of installing programs and you should have no problems.

After you get the bootloader installed, you should install the following programs in the order shown below.

1. ResetDefault_M17PLUS.rdbx
2. M17_PLUS_HOST_V9.00.26_20250704.bin
3. M17PLUS_String_V2_28_20250507_Version_Full.lang
4. openrtx_cs7000p_v0.4.0.bin

If the radio is not bricked, you normally only have to load the latest firmware for the DMR or the latest firmware for the M17. That is item 2 and 4 in the above list. These programs are the latest as of July 8, 2025 and may change at any time.

The general procedure to unbrick a radio is as follows:

1. Clear the radio using the STM32CubeProgrammer program. See the Application note: "How to Clear the Radio"

2. Load Bootloader M17PLUS_Bootloader_B7.06.dfu using the DfuSeDemo program. See the Application note: “Using The DfuSe Demo Program on a bricked radio”.
3. Load the ResetDefault_M17PLUS.rdbx file using the Factory Tool_M17_DMR V1.0 program. See the Application note: “How to use the Factory Tool M17 PLUS DMR”.
4. Load the M17_PLUS_HOST_V9.00.26_20250704.bin file using the Factory Tool_M17_DMR V1.0 program. See the Application note: “How to use the Factory Tool M17 PLUS DMR”.
5. Load the M17PLUS_String_V2_28_20250507_Version_Full.lang file using the Factory Tool_M17_DMR V1.0 program. See the Application note: “How to use the Factory Tool M17 PLUS DMR”.
6. Load the openrtx_cs7000p_v0.4.0.bin file using the Factory Tool_M17_DMR V1.0 program. See the Application note: “How to use the Factory Tool M17 PLUS DMR”. Also, see the Application note: “Getting the Latest M17 Firmware”. Our website might not have the latest firmware.