



MOTOROLA R5 PORTABLES RADIO FIRMWARE UPGRADE

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Purpose:

The older firmware versions on the earlier releases of the Motorola R5 portable radios do not support long-press activation of the emergency button—a critical feature for streamlined field operations and safety protocols. To enable this functionality, radios must be running firmware version **vR02.25.02.1002** or above, which includes support for long-press emergency activation. Devices already operating on this

Requirements:

- Download latest Motorola MOTOTRBO CPS 2.0 software installed on a Windows PC
- Download latest firmware package for R5 Portables radios (vR02.25.02.1002 or above).
- USB programming cable compatible with R5
- Fully charged radio or connected to stable power.

Upgrade Steps:

1. Connect the Radio

- Power on the R5 radio
- Connect it to the PC using the USB programming cable
- Launch CPS 2.0

2. Load Firmware Package

- Navigate to “Update Device”
- Select the appropriate firmware version from the available package

3. Start Firmware Update

- Click “Start” to begin the update
- Do not disconnect or power off the radio during the process
- Wait for the update to complete (typically 2–5 minutes)

4. Verify Update

- Once complete, confirm the firmware version via CPS or directly on the radio:
- Go to Radio Utilities > Settings > Radio Information > Radio Version

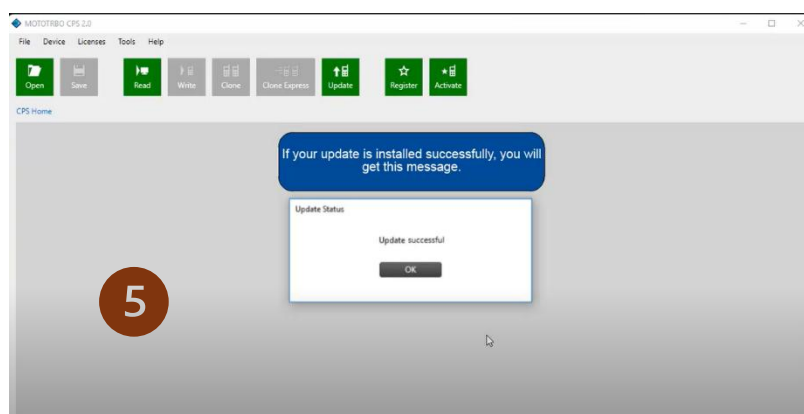
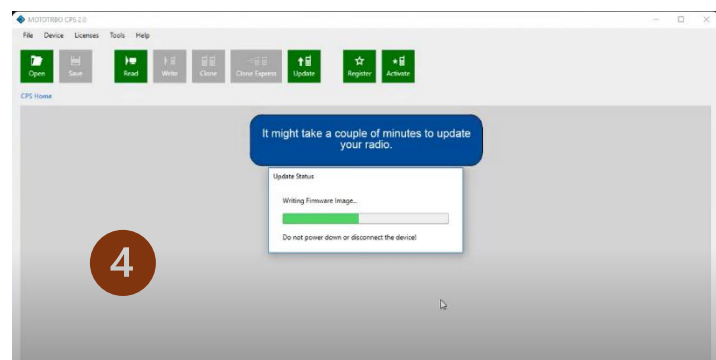
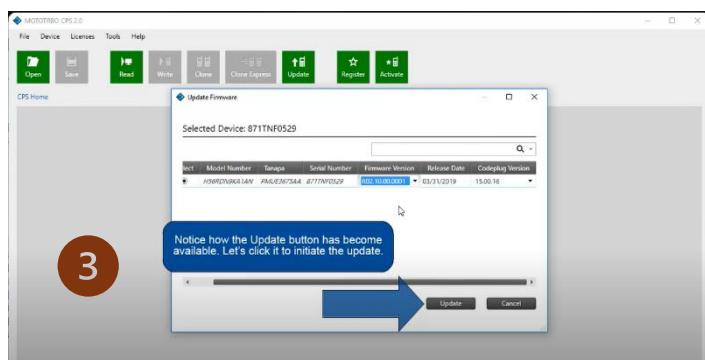
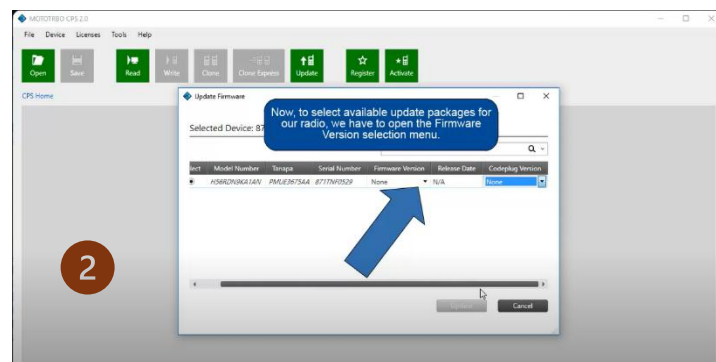
Tips & Notes

- Always back up the codeplug before updating
- Avoid interrupting the process—this may corrupt the firmware
- Use only verified firmware files for your specific R5 model

STEP 1:



STEP 2 & 3:



End