

BF-F8HP PRO Firmware Update Instructions

For NRF and NRFB hardware versions

STOP - IDENTIFY THE HARDWARE VERSION BEFORE DOWNLOADING OR INSTALLING FIRMWARE

The BF-F8HP PRO is available with NRF and NRFB hardware. The firmware files are not interchangeable. Installing the wrong file may cause the receiver to stop working correctly.

Follow every step below in order. Do not assume the firmware file based on the purchase date, current firmware version, or radio appearance.

Step 1: Identify Whether the Radio Displays NRF or NRFB

- Turn the radio off.
- Press and hold the 8 key.
- While continuing to hold the 8 key, turn the radio on.
- Read the hardware identifier shown on the display. It will say either NRF or NRFB.

Use only the firmware that exactly matches the identifier displayed by the radio:

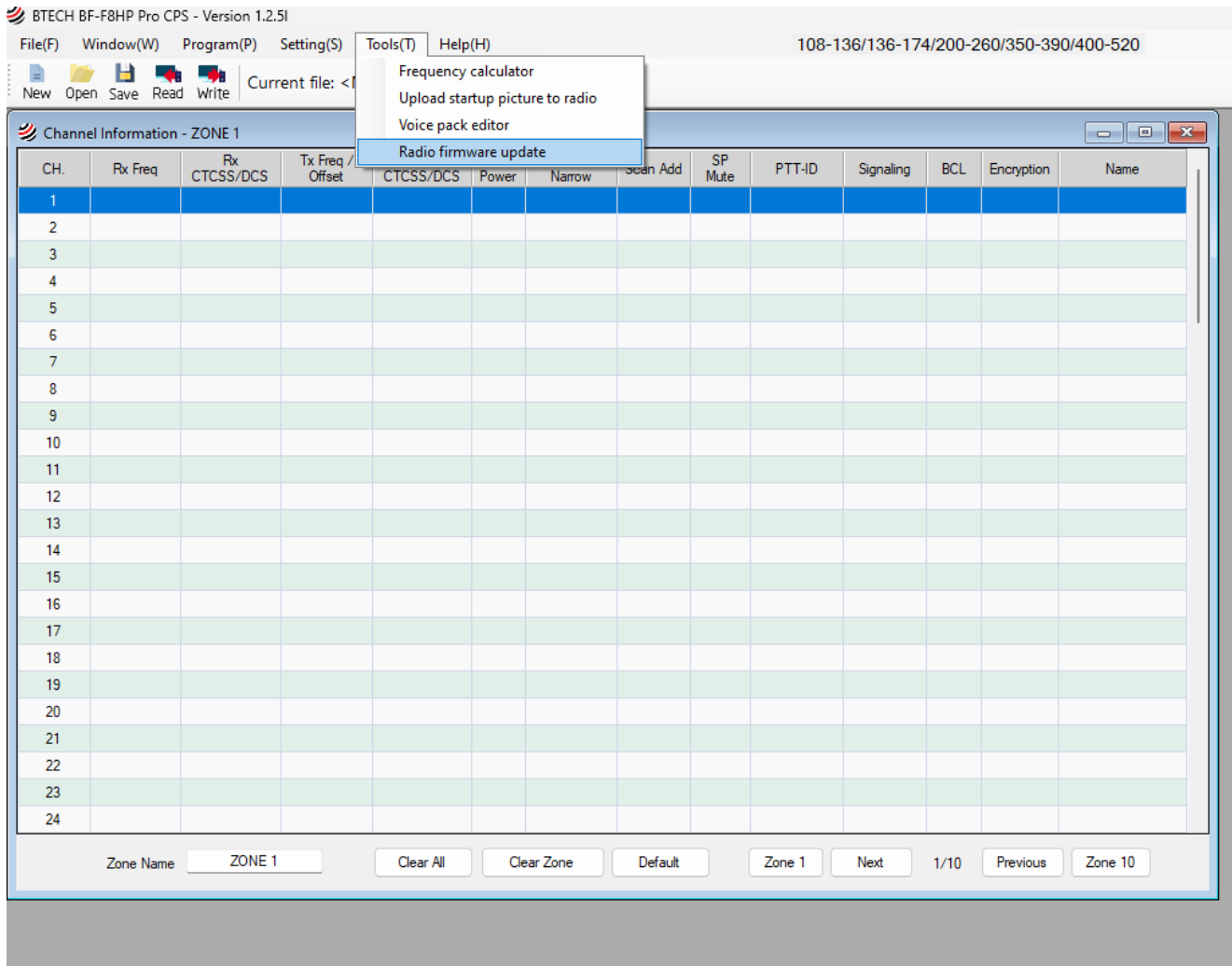
Radio displays	Required firmware
NRF	A file clearly labeled NRF ONLY
NRFB	A file clearly labeled NRFB ONLY

Step 2: Download the Matching Firmware File

- Download only the firmware package for the identifier found in Step 1.
- Confirm that the beginning of the filename says NRF_ONLY or NRFB_ONLY, as applicable.
- If the identifier or correct download is uncertain, stop and contact BTECH Support before continuing.

Step 3: Open the CPS Firmware Update Tool

- Open the BTECH BF-F8HP PRO CPS software on the computer.
- In the top menu bar, select Tools (T).
- Choose Radio firmware update from the dropdown menu.



Open Tools (T) and select Radio firmware update.

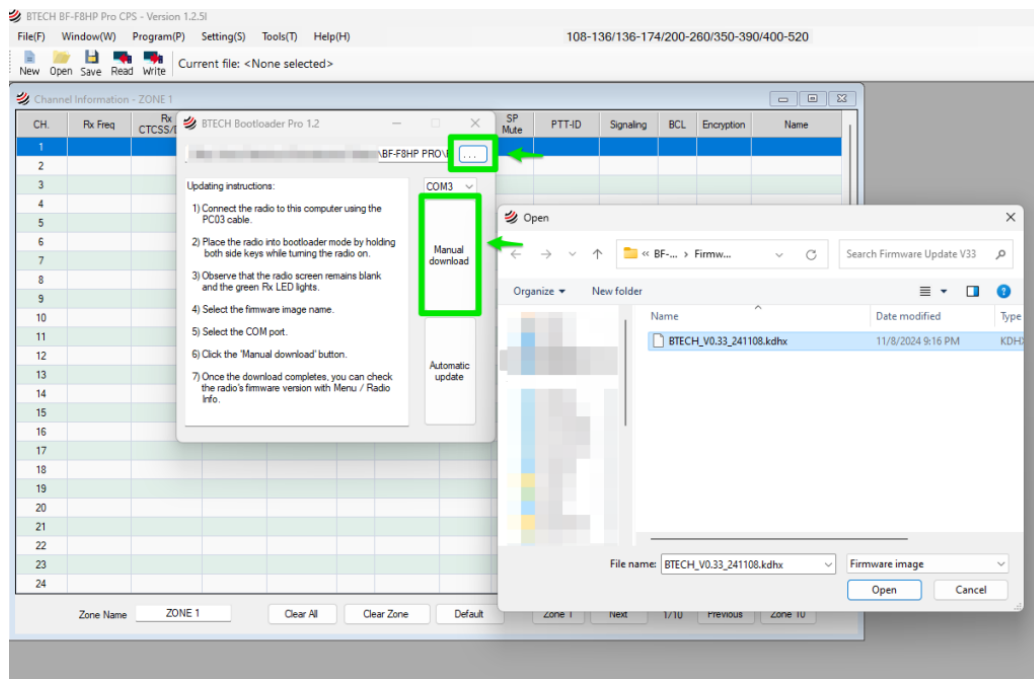
Step 4: Connect the Radio and Enter Bootloader Mode

- Use a BTECH PC03 programming cable to connect the BF-F8HP PRO to the computer.
- Turn the radio off.
- Press and hold both side keys while turning the radio on.
- Confirm that the screen remains blank and the green Rx LED is illuminated. ***This indicates that the radio is in bootloader mode.***

Step 5: Select the Matching Firmware File and COM Port

- In the Bootloader window, click the ... browse button.
- Select the firmware file that exactly matches the NRF or NRFB identifier found in Step 1.
- Select the COM port assigned to the connected PC03 programming cable.

FINAL FILE CHECK: NRF radio = NRF_ONLY file. NRFB radio = NRFB_ONLY file. Do not proceed if they do not match.



Browse to the matching firmware file, then select the correct COM port.

Step 6: Start the Firmware Update

- Confirm once more that the selected file matches the radio hardware identifier.
- Click Manual download to begin the update.
- Do not turn off the radio, disconnect the programming cable, close the software, or interrupt power while the update is in progress.
- Wait until the software confirms that the process is complete.

Step 7: Verify the Update

- After the update finishes, turn the radio off and disconnect the programming cable.
- Turn the radio on normally.
- Open Menu > Radio Info and verify the installed firmware version.
- Confirm that the receiver and normal radio functions operate correctly.

If the Receiver Stops Working After an Update

Turn the radio on while holding the 8 key and note whether it displays NRF or NRFB.
Reinstall only the firmware file that matches that identifier.

Support

Questions or firmware-update problems: support@baofengtech.com | Include the NRF/NRFB identifier, firmware version shown under Menu > Radio Info, and a description of the issue.