Upgrading the Firmware in each QRX series unit

> **NOTE:** Version TRX-6.26A or greater is required in the TRX9xx (the "Programming Transmitter") to perform this process.

Perform the following:

1) Format a media card in the Programming Transmitter.
2) Delete the "DELETE.ME" file on the card.
3) Download the QRX software and load it into the card's root folder.
4) Insert the card into the Programming Transmitter.
5) Turn 'ON' the Programming Transmitter and all QRXs.
6) At each QRX unit:
   a. Verify the *Receiver Mode page* is set to **SINGLE**.
   b. Set the *UHF Frequency Select page* to the same frequency as the Programming Transmitter.
   c. If the receiver has a good connection, the LEDS for the **A** and **B Status Indicators** will be green. If they are Red, check that the Programming Transmitter has zeros in the *Encryption Code page*, and the *UHF Signal Format pages* in all units agree.
   d. Go to the *Software Update page* and press the *INC* key 5 times.
   e. The screen will display **Waiting for Program**. This indicates the receiver is ready to download the new version. Be sure to do this to all of your units, so they will be updated at the same time.
   f. Place each QRX within 10' and line-of-sight of the Programming Transmitter. All of the units should remain TOTALLY motionless to insure they receive a strong and undisturbed signal, and minimize the possibility of something going awry.
7) At the Programming Transmitter:
   a. With it turned 'OFF', press and hold the *MENU* key while starting it.
   b. It will boot up into the *Extended Menu*.
   c. Verify the *Allow IFB Remote Control page* is set to **OFF**.
   d. Go to the *Send QRX Program page*.
   e. Press the *INC* key.
   f. It will indicate that it found the program on the card and has started sending it.

> **NOTE:** This process will continue until manually stopped.

> **NOTE:** A programming cycle takes less than 2 minutes.

8) Look at each QRX's screen. It should indicate it is receiving the program.
9) After 1 or 2 cycles, all of the receivers should be re-programmed. If there is a reception error, the affected receiver automatically restarts the process with the start of the next download cycle.
10) For those receivers that have been reprogrammed, the screen will display **SUCCESS**.
11) On the Programming Transmitter:
    a. Press the *MENU* key to stop the download process.
    b. If appropriate, change the *Allow IFB Remote Control page* back to **ON**.
    c. Cycle its power.
12) At each QRX unit:
    a. Cycle the power
    b. Verify the new firmware version number is displayed
    c. As necessary, set the *Receiver Mode page* to **DUAL**.

> **WARNING:** After each QRX unit has received its entire program, it will erase and burn its firmware into the ROM (see the Yellow screens on the next page). During this process, which only takes a few seconds, you **MUST NOT** turn 'OFF' the unit.
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> If the program is never fully received, it is safe to cycle the power. In this case, turn 'OFF' the Programming Transmitter before power cycling the QRX unit.