

## How to update the RX12 firmware

### Updating the QRX-212 receiver module software

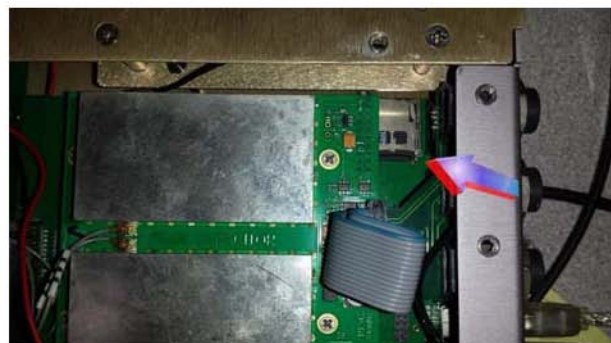
Warning: If you are burning the QRX-212 module with version QPL-388 or higher (for the first time) you need to start with QPL-39D.BIN first so the module can recognize the new, larger program files. Once you have QPL-390 or higher then you don't need to do this intermediate step.

To program the QRX-212 plug in modules, place the QPL-\*\*\*.BIN file on an SD card, insert it into a transmitter and power it on. Set the transmitter to MONO or STEREO, turn of IFB TX mode and IFBRX-to TX mode and the RX pulse timer so the IFB is OFF or in RX mode. Make sure the RX12 is receiving the transmitter's signal properly. In the RX12 go to the SETTINGS :: QRX-PROGRAM menu and observe the current running software in each module. Press the \* key to tell the receiver modules to start listening for a program. In the TRX transmitter go to the menu labeled "PRESS UP TO SEND QRX PROGRAM". Press UP in this menu to start sending the program. The RX12 should say "FILLING" after about 15 seconds. Once the program is transmitted, the RX12 will say "BURNING". During this time DO NOT TURN OFF THE RX12. Once the RX12 says SUCCESS you may power cycle the RX12.

### Updating the main GUI RX12 software

The RX12 firmware is updated using a micro SD card. Format the SD card in a PC or a MAC and copy the RX12Progfile\_v1.00.bin file to the card. The card must be freshly formatted for the RX12 to be able to find this file. Take the cover off of the RX12 noting which screws are short and which are long.

To insert the SD card us tweezers to hold the card and insert the left corner of the card first as seen here. Then insert the left corner and slide the card fully into the slot. If you insert the right corner first it will be difficult to get the other corner to lift over the card slot.



Once the card is inserted, power on the RX12 while holding the STAR key. If the screen goes blank shortly after powering up,, cycle power again while holding the STAR key until the screen displays PREPARING TO BURN ROM....

After about 1 minute for the bottom of the screen will say POWER DOWN NOW.

Cycle power and check the ABOUT SCREEN to insure the RX12 is running the correct version of firmware.

Be sure the RX12 is functioning properly before removing the SD card and replacing the cover.