FIRMWARE VERSION 2.40A UPDATE TUTORIAL

RGO ONE TRANSCEIVER

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Make sure the radio is off and no cable is yet connected.

Create a new directory in your computer's Local Disk (C:) called RGO ONE UPDATES.

Go to: www.lz2jr.com/blog/

Click on DOWNLOADS (at the top).

Click on FIRMWARE UPDATES.

Scroll down to **FW_2.40A** (or the latest version) in green ink and click on it.

Be sure "FW_2.40A.rar" is in the File Name box and RGO ONE UPDATES is the intended target, and then click on SAVE.

Go back to DOWNLOADS.

Click on FIRMWARE UPDATES and click on "**FLASH program and instructions**" in green ink.

Click on the green colored "**AVRDUDESS 2.8 and RGO ONE preset file**."

Be sure that "SW-update-files.zip" is in the File Name box and RGO ONE UPDATES is the intended target, and then click on SAVE.

Using an extraction (unzipping) program of your choice (I use WinRAR), go to your RGO ONE UPDATES directory and double click on "FW_2.40A.rar" and extract all files to the RGO ONE UPDATES directory (you'll have to tell it that that is where you want the files extracted).

Close your extraction program (so you don't get confused by all the open windows).
In the RGO ONE UPDATE directory, double-click on "SW-update-files.zip" and extract all files to the RGO ONE UPDATE directory.

Close your extraction program.

In the RGO ONE DIRECTORY, click on "setup-AVRDUDESS-2.8.exe" and run the setup wizard.

Launch AVRDUDESS and click on the "Manager" bar on the right side of the screen

Now . . .

    1) If "rgo one" and "RGO BASE" appear in the Preset Manager window, you're home free. DO NOT DELETE THEM.

    2) If "rgo one" and "RGO BASE" DO NOT appear in the Preset Manager window, delete all extraneous files (if there are any) except "default." Click on the "Import" button, find "presets.xml" in your RGO ONE UPDATE directory, and double click it.

    3) If successful, "rgo one" and "RGO BASE" will appear in the Preset box (right   side of screen above MANAGER).

Click the down arrow in the "Presets" box and select "rgo one."

Click the "Flash" down-box immediately to the left (square box with 4 dots).

In the RGO ONE UDATES directory, double click the "FP_FW2.40A.hex"file.

With radio still off, connect the USB cable between PC and radio.

Turn radio on, "PC" appears in upper right of radio's display if the connection is good.

In AVRDUDESS, click the down-arrow on Com Port (upper left side of screen above Flash) and select an appropriate com port (whichever one works).

Turn radio off.

While holding ENCODER 3, turn on radio.

Display will be dark but the red TX/ALC will glow.

In AVRDUDESS, click "Program!" (bottom left of screen).

The first of the two updating modules will proceed with all the action visible in the black screen at the bottom; radio will restart after 85 seconds.

DON'T MESS WITH ANY COMPUTER OR RADIO CONTROLS DURING UPDATING AND DON'T SQUIRM IN YOUR CHAIR TO GENERATE STATIC ELECTRICITY

If successful, radio will restart and turn on automatically.

At the radio, go to Menu 38 and turn the main dial to "YES."

Exit the menu.

Cycle radio off, then on; ENCODER 3 LED will blink.

In AVRDUDESS, click on "Presets" down arrow (right side of screen) and select "RGO BASE."

Click the "Flash" field down-box (square with 4 dots) immediately to the left of the PRESETS box.

In the RGO ONE UDATES directory, double click the "MB_FW2.40A.hex" file.

In AVRDUDESS, click down arrow on Com Port (left side of screen above Flash), select an appropriate com port (probably the same one).

Click "Program!" (bottom left of screen).

The second of the two updating modules will proceed, radio will restart after 85 seconds.

Go to Menu 38, turn Main Dial to "NO."

Turn radio off.

Remove cable.

Turn radio back on.

Go to MENU 37 and confirm firmware version is 2.40A (or whatever version you were trying to install).

Done!