

Updating the Firmware in an iGR Radio

Date: 9 April 2021

Download New Firmware

You can find firmware updates for the iGR radio at this web location:

https://iggps.com/out/iGR/Firmware/latestversion/index.htm

Download the .ZIP file contained in this folder, then decompress the .ZIP file into a clean temporary folder.

Connect and Power

Connect the radio to your computer using the serial port. You may need to use a USB to Serial Convertor. Connect power to the radio, verify the Serial Baud rate from the front panel. If the radio is receiving data, change the channel from the front panel so that it is neither receiving or transmitting data.

Determine COM Port of your Serial Port

If you don't know the Port number of your convertor, stat the 'Device Manager' then click on the arrow left of 'Ports (COM & LPT):



Perform Update

Start the firmware update tool:



eRadio Update Tool-V001.00.00			- 🗆 X
💥 Options 🛛 🥐 Help			
		O Panel Firmware	Modem Firmware
Serial Port Settings 2	Open File		1
Port: COM1 ~	File Sizes: 192256 Bytes		
Baud Rate: 115200 V			
Data Bit: 8 3 🗸	C:_IMP\HX-DUMU25.00.0TF.dwn		5 Select File
Stop Bit: 1.0 🗸	Update Progress		
Parity Bit: 无 🗸			
4			
Open Port Close Port			6 Start Update
Port State: None			Stop Update

- 1. Select the right-hand target: 'Modem'
- 2. Select the COM port that the radio is connected to. Only valid COM ports will be listed.
- 3. Select the current radio 'Serial Baud' rate.
- 4. Click on the 'Open Port' button.
- 5. Click on the 'Open File' button. Browse for the extracted firmware, it will be a .dwn file, then click on the brose dialog's Open button.
- 6. Click on 'Start Update'.
- 7. The update tool displays: 'Are serial parameters OK?'



Click on 'OK'.

8. Wait for the progress bar to move to the right side:

潊 eRadio Up	odate Tool-V001.00.00		-		×
🌋 Options	(?) Help				
		O Panel Firmware	• N	lodem Firm	ware
Serial Port S	ettings	Open File			
Port:	COM1 ~	File Sizes: 192256 Bytes			
Baud Rate:	115200 ~				
Data Bit:	8 ~	C:_TMP\HX-DUM025.00.01F.dwn			
Stop Bit:	1.0 🗸	Us data Deserver			
Parity Bit:	无 ~	更新中			
Open Port	Close Port		S		e
Serial Port:	Opened		S	itop Update	•

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9. The 'Update firmware Successfully' dialog is shown:



Click on OK.

10. Cycle the power on the radio. The firmware update is complete.