

Baofeng GT-3, BF-F8/BF-F8+, BF-F9, UV-5R+/UV-5R+Plus, UV-5RA/UV-5RA+/UV-5RAX+, UV-5RAX (2M/1.25M), UV-5RE/UV-5RE Plus, etc.

Preparation before Programming

1. Computer System Requirements

Operating System: Windows 98, Windows Me. Windows XP, Windows 7, Windows 8 and Windows 10

Hard Disk Space: at least 50MB available

Minimum memory: 64M

2. Programming Cable

A. USB programming cable - The driver should be installed before programming.

- 1) Find the corresponding driver of the system.
- 2) Click install and wait for the installation.

B. If you use an FTDI cable, it does not need to be installed with a driver. You can just plug in and use directly.

3. Software Download & Install

- 1) Turn on the computer, check if your computer system meets the requirements.
- 2) Download the manufacture programming software on baofengradio.co.uk or CHIRP programming software.
- 3) Install the programming software.

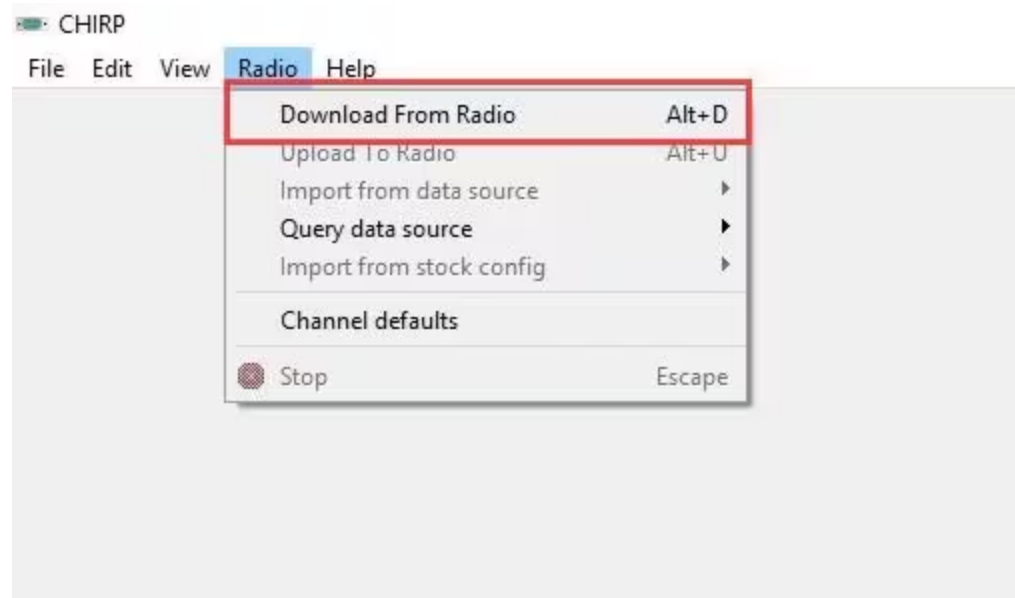
4. Connect your Walkie Talkie with Computer

- 1) USB programming cable connects with the computer end.
- 2) Connect the other end of the cable with your walkie talkie.
- 3) When both ends have been connected, turn on your radio. Make sure it has enough power during the programming procedure.

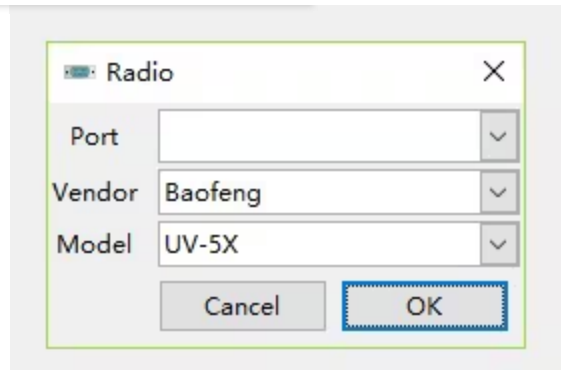
Baofeng UV-5R Chirp Software Programming Process

Step-by-Step Guide to Setup

- 1) Open the **CHIRP software (Latest Version)**, click "Download From Radio" under "Radio"



- 2) Select the corresponding cable driver port, and select Model "UV-5RX" under Vendor "Baofeng", then click "OK" to read the radio.



3) And you will come to the page of Memories, in which you can adjust the limited parameters (Channel, TX Frequency, RX Frequency, CTCSS/DCS, High/Low Power, and Wide/Narrow Band, etc).

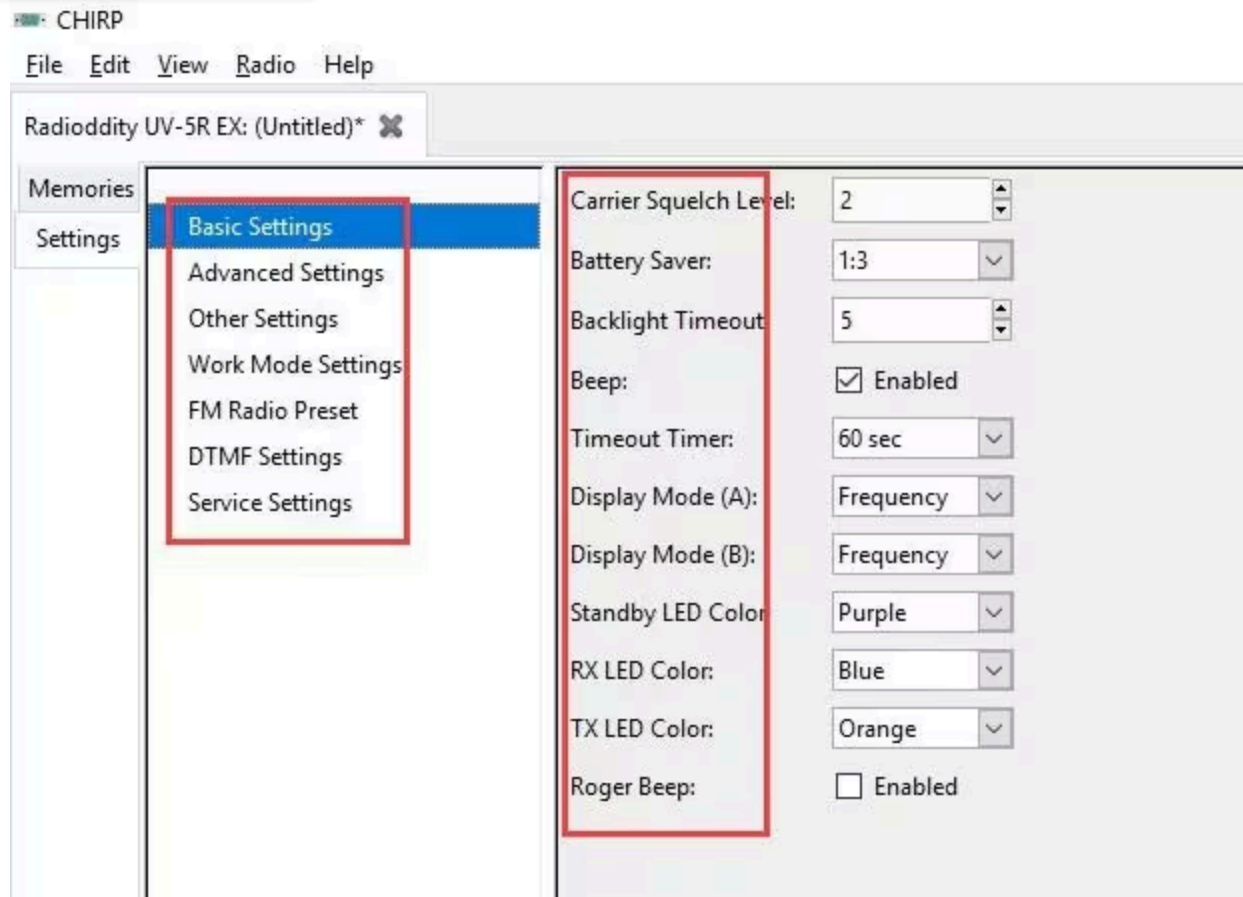
CHIRP

File Edit View Radio Help

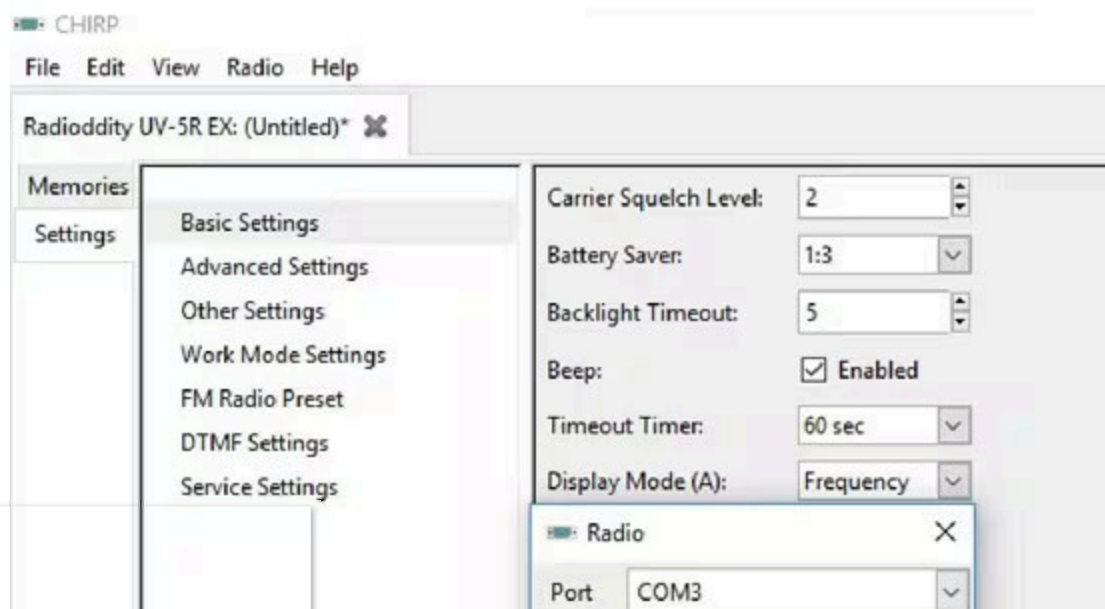
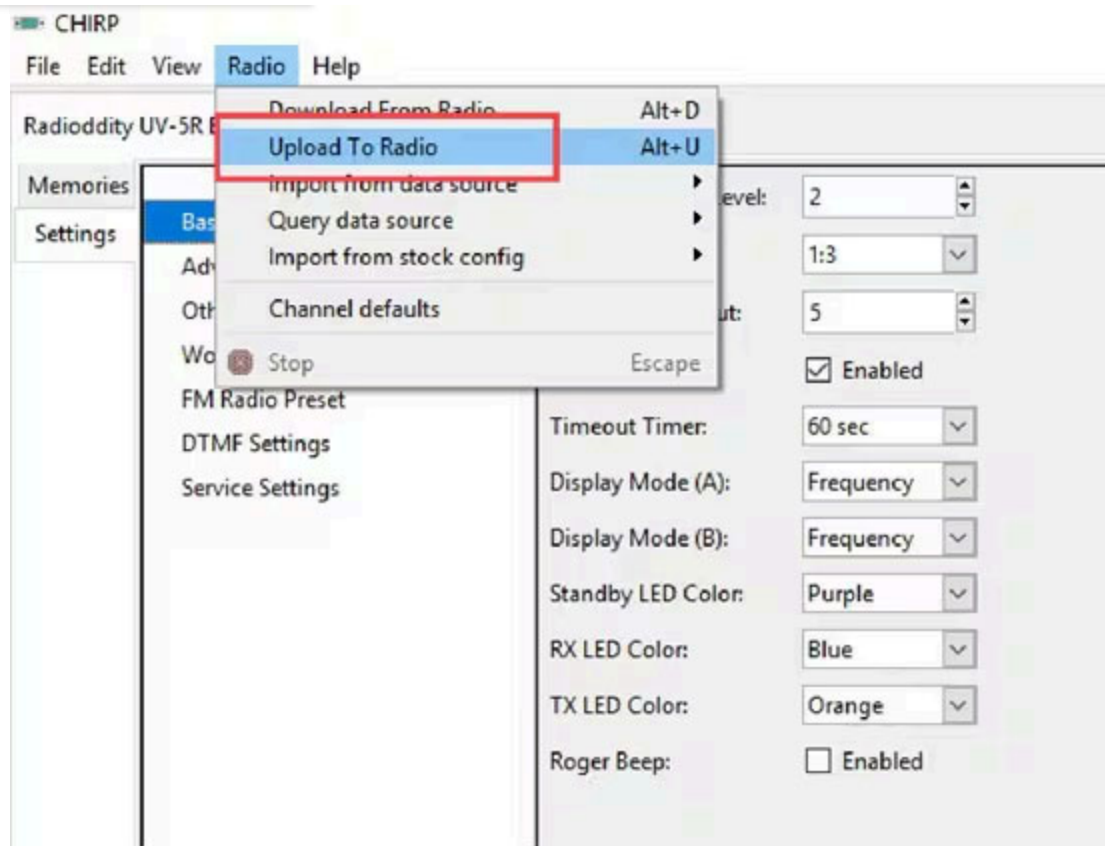
Radioddity UV-5R EX: (Untitled)*

Memories	Memory Range: 0 - 127		Refresh	Special Channels	Show Empty	Properties									
Settings	Loc	Frequency	Name	Tone Mode	Tone	ToneSql	DTCS Code	DTCS Rx Code	DTCS Pol	Cross Mode	Duplex	Offset	Mode	Power	Skip
	0	0.000000		(None)							(None)		FM		
	1	136.000000		TSQL		69.3					(None)		NFM	Low	
	2	144.450000		(None)							+	5.550000	FM	Low	S
	3	420.000000		TSQL		146.2					(None)		FM	High	
	4	519.955000		(None)							(None)		FM	High	
	5	456.525000		(None)							(None)		FM	High	
	6	457.625000		TSQL		241.8					(None)		FM	High	
	7	458.725000		DTCS			025		NN		(None)		FM	High	
	8	459.825000		DTCS			134		NN		(None)		FM	High	
	9	461.925000		DTCS			274		NN		(None)		FM	High	
	10	462.225000		DTCS			346		NN		(None)		FM	High	
	11	463.325000		DTCS			503		NN		(None)		FM	High	
	12	464.425000		DTCS			073		RR		(None)		FM	High	
	13	465.525000		DTCS			703		RR		(None)		FM	High	
	14	402.225000		(None)							(None)		FM	High	
	15	437.425000		(None)							(None)		FM	High	
	16	479.975000		(None)							(None)		FM	High	
	17	138.550000		(None)							(None)		FM	High	
	18	157.650000		(None)							(None)		FM	High	

4) Then if you switch to the page of Settings, you can adjust the limited parameters (VOX Function, Squelch, Backlit, DTMF, FM Radio, Voice Prompt, Scanning, VFO Mode, etc).



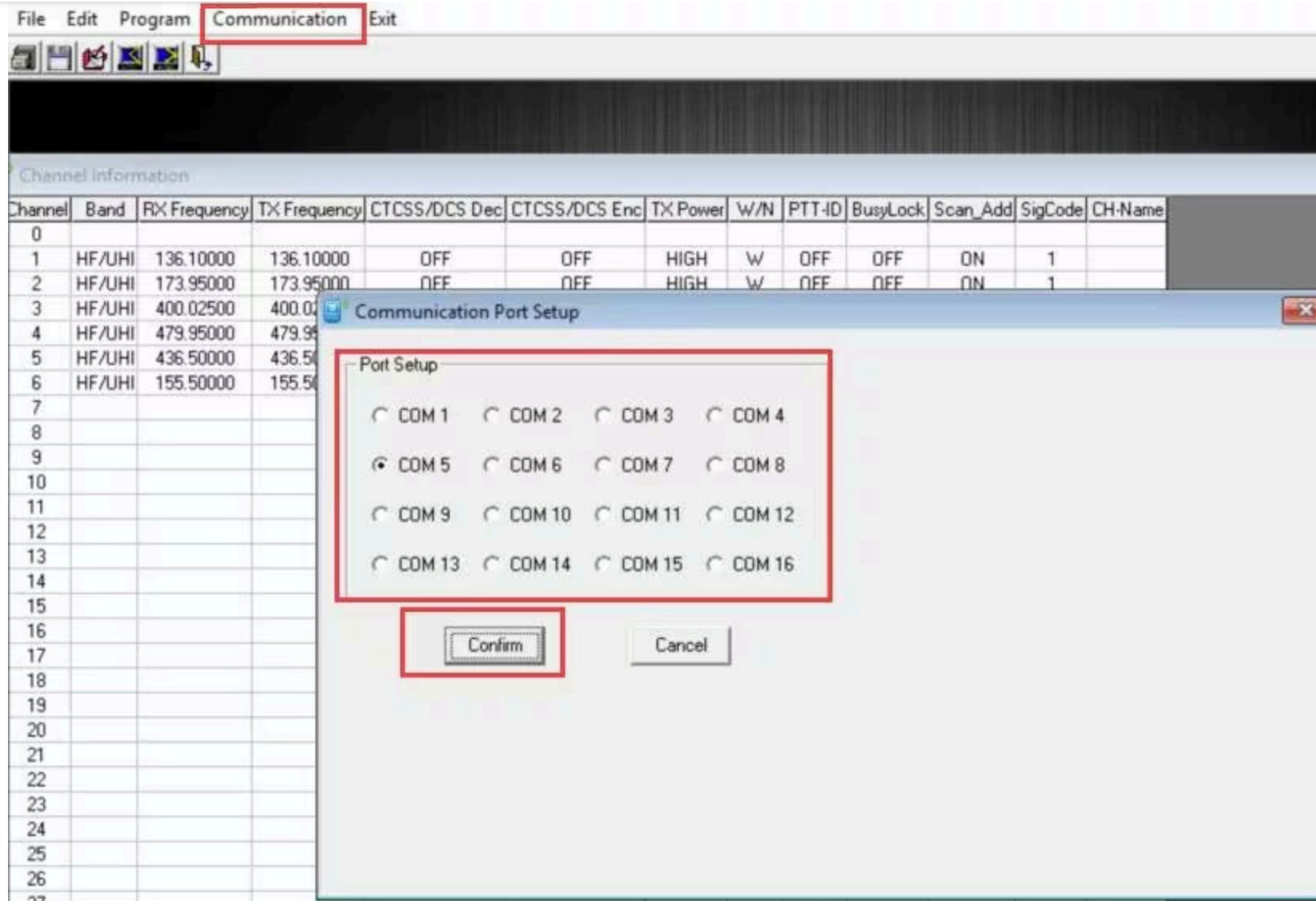
5) All the modification will be saved by clicking "Upload To Radio" under "Radio".
Then you can check the settings you modified after reboot the radio.



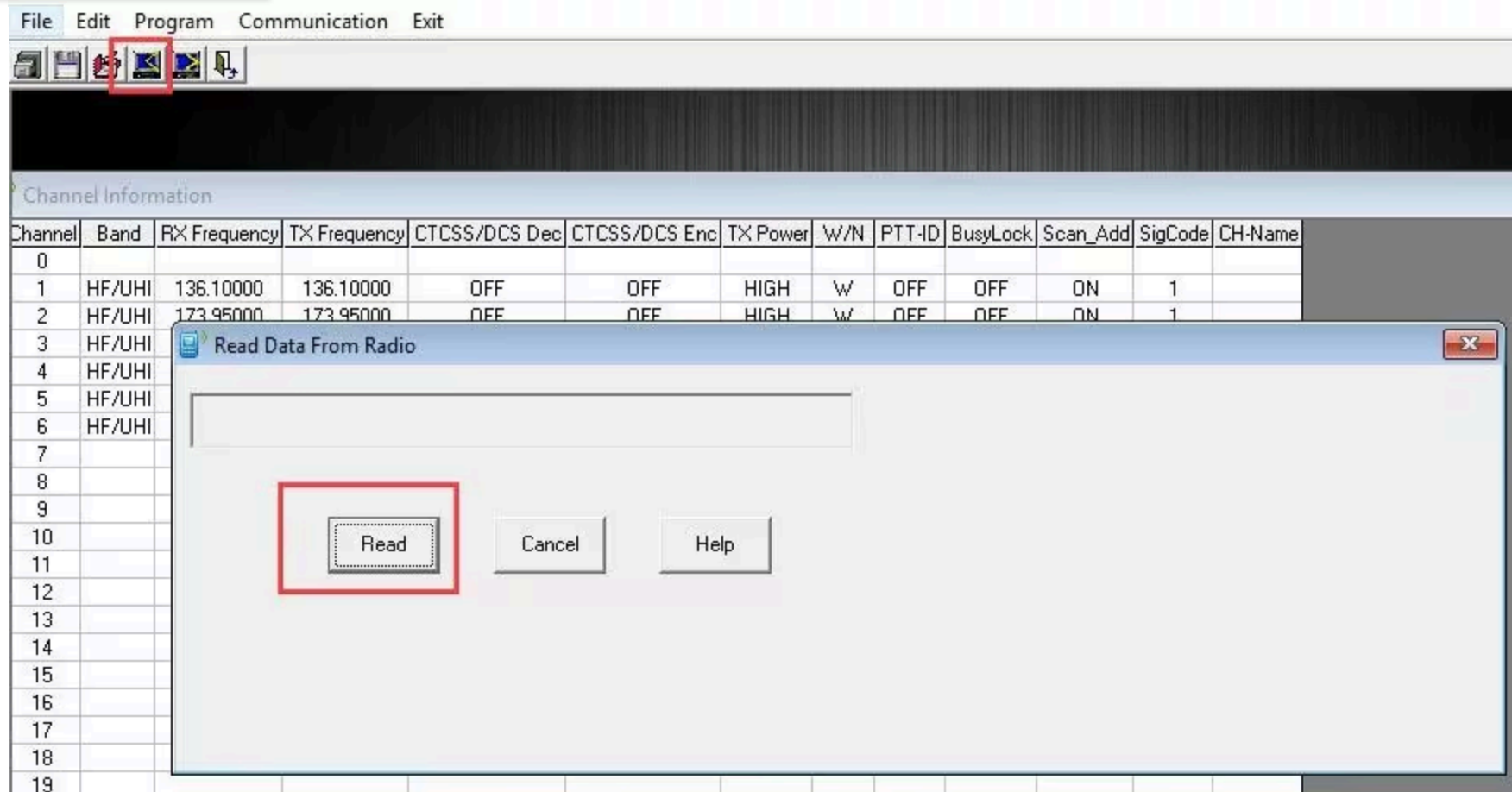


UV-5R Manufacture Software Programming Process

1) Download and open the manufacture software. Click "communication" and choose "COM" Port, then click the "Confirm" button.



2) Click the "Read" button, then click "Read" and ready to read the data from your radio.



3) You will come to the parameter page and adjust the limited parameters (Channel, TX Frequency, RX Frequency, CTCSS/DCS, High/Low Power, and Wide/Narrow Band, etc).

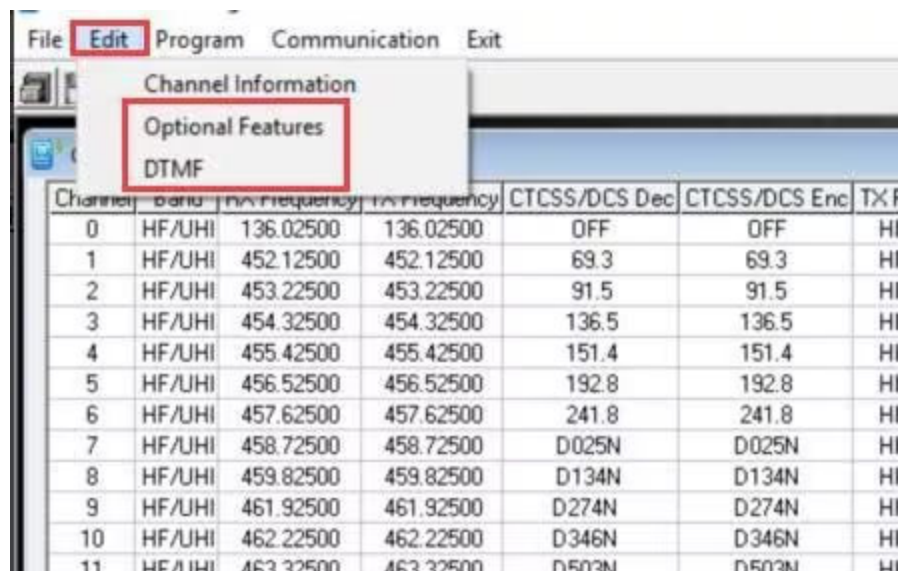
File Edit Program Communication Exit

Channel Information

Channel	Band	RX Frequency	TX Frequency	CTCSS/DCS Dec	CTCSS/DCS Enc	TX Power	W/N	PTT-ID	BusyLock	Scan_Add	SigCode	CH-Name
0	HF/UHF	136.02500	136.02500	OFF	OFF	HIGH	W	OFF	OFF	ON	1	
1	HF/UHF	452.12500	452.12500	69.3	69.3	HIGH	W	OFF	OFF	ON	1	
2	HF/UHF	453.22500	453.22500	91.5	91.5	HIGH	W	OFF	OFF	ON	2	
3	HF/UHF	454.32500	454.32500	136.5	136.5	HIGH	W	OFF	OFF	ON	3	
4	HF/UHF	455.42500	455.42500	151.4	151.4	HIGH	W	OFF	OFF	ON	4	
5	HF/UHF	456.52500	456.52500	192.8	192.8	HIGH	W	OFF	OFF	ON	5	
6	HF/UHF	457.62500	457.62500	241.8	241.8	HIGH	W	OFF	OFF	ON	6	
7	HF/UHF	458.72500	458.72500	D025N	D025N	HIGH	W	OFF	OFF	ON	7	
8	HF/UHF	459.82500	459.82500	D134N	D134N	HIGH	W	OFF	OFF	ON	8	
9	HF/UHF	461.92500	461.92500	D274N	D274N	HIGH	W	OFF	OFF	ON	9	
10	HF/UHF	462.22500	462.22500	D346N	D346N	HIGH	W	OFF	OFF	ON	10	
11	HF/UHF	463.32500	463.32500	D503N	D503N	HIGH	W	OFF	OFF	ON	11	
12	HF/UHF	464.42500	464.42500	D073I	D073I	HIGH	W	OFF	OFF	ON	12	
13	HF/UHF	465.52500	465.52500	D703I	D703I	HIGH	W	OFF	OFF	ON	13	
14	HF/UHF	402.22500	402.22500	OFF	OFF	HIGH	W	OFF	OFF	ON	14	
15	HF/UHF	437.42500	437.42500	OFF	OFF	HIGH	W	OFF	OFF	ON	15	
16	HF/UHF	479.97500	479.97500	OFF	OFF	HIGH	W	OFF	OFF	ON	1	
17	HF/UHF	138.55000	138.55000	OFF	OFF	HIGH	W	OFF	OFF	ON	1	
18	HF/UHF	157.65000	157.65000	OFF	OFF	HIGH	W	OFF	OFF	ON	1	
19	HF/UHF	172.75000	172.75000	OFF	OFF	HIGH	W	OFF	OFF	ON	1	
20	HF/UHF	438.50000	438.50000	OFF	OFF	HIGH	W	OFF	OFF	ON	1	
21	HF/UHF	155.70000	155.70000	OFF	OFF	HIGH	W	OFF	OFF	ON	1	
22												
23												
24												
25												
26												
27												
28												

Default Clear Close

4) Click "Optional Features" under "Edit", a page of "Optional Features" will pop up, you can adjust the limited parameters (VOX Function, Squelch, Backlit, DTMF, FM Radio, Voice Prompt, Scanning, VFO Mode, etc.).



File Edit Program Communication Exit



Optional Features

Time Out Timer(TOT)[S] 60

Squelch Level 3

VOX OFF

Voice Annunciation English

ABR 5

Work Mode

☐ Frequency ☒ Channel CHT 128

Channel Mode

☒ Menu ☒ Reset

A Channel Disp Way Channel+Frequency

B Channel Disp Way Channel+Frequency

DTMF-ST KB DTMFST + Send ANI DTM

Save 1:3

Scan_Rev TO

PTT_ID OFF

PTT_Delay 5

☐ K_Lock☐ Auto Lock☐ BCL☒ Beep

A Band Frequency Mode

Frequency 155.50000 MHZ

Band VHF

Freq Range 130 - 176.99750

TX Power HIGH

RX QT/DQT OFF

TX QT/DQT OFF

W/N WIDE

Step Frequency 25.00 KHZ

SFT_D OFF

Offset 00.000 MHZ

Signal Code 1

Work Band

Wait Back Light Orange

RX Back Light Purple

TX Back Light Blue

Tail noise Clear ON

Pass Report noise 500

Pass Report noise(ms) OFF

Power On Disp MSG

B Band Frequency Mode

Frequency 405.05000 MHZ

Band UHF

Freq Range 400 - 520.99750

TX Power HIGH

RX QT/DQT OFF

TX QT/DQT OFF

W/N WIDE

Step Frequency 25.00 KHZ

SFT_D OFF

Offset 00.000 MHZ

Signal Code 1

☒ FM Radio Enabled☒ Alarm Sound

Alarm Mode SITE

Roger OFF

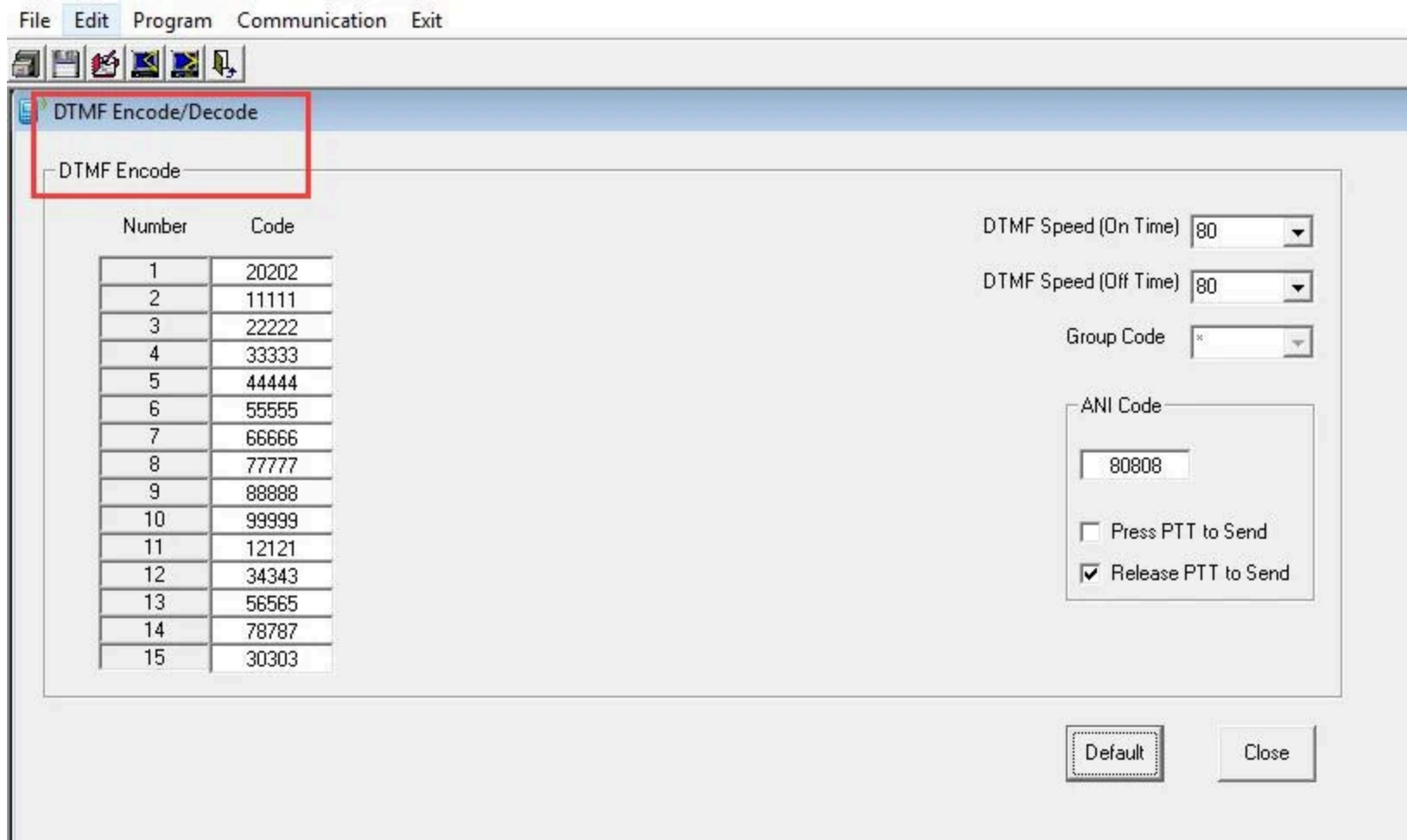
TX Under TDR Star A Band

☐ TDR

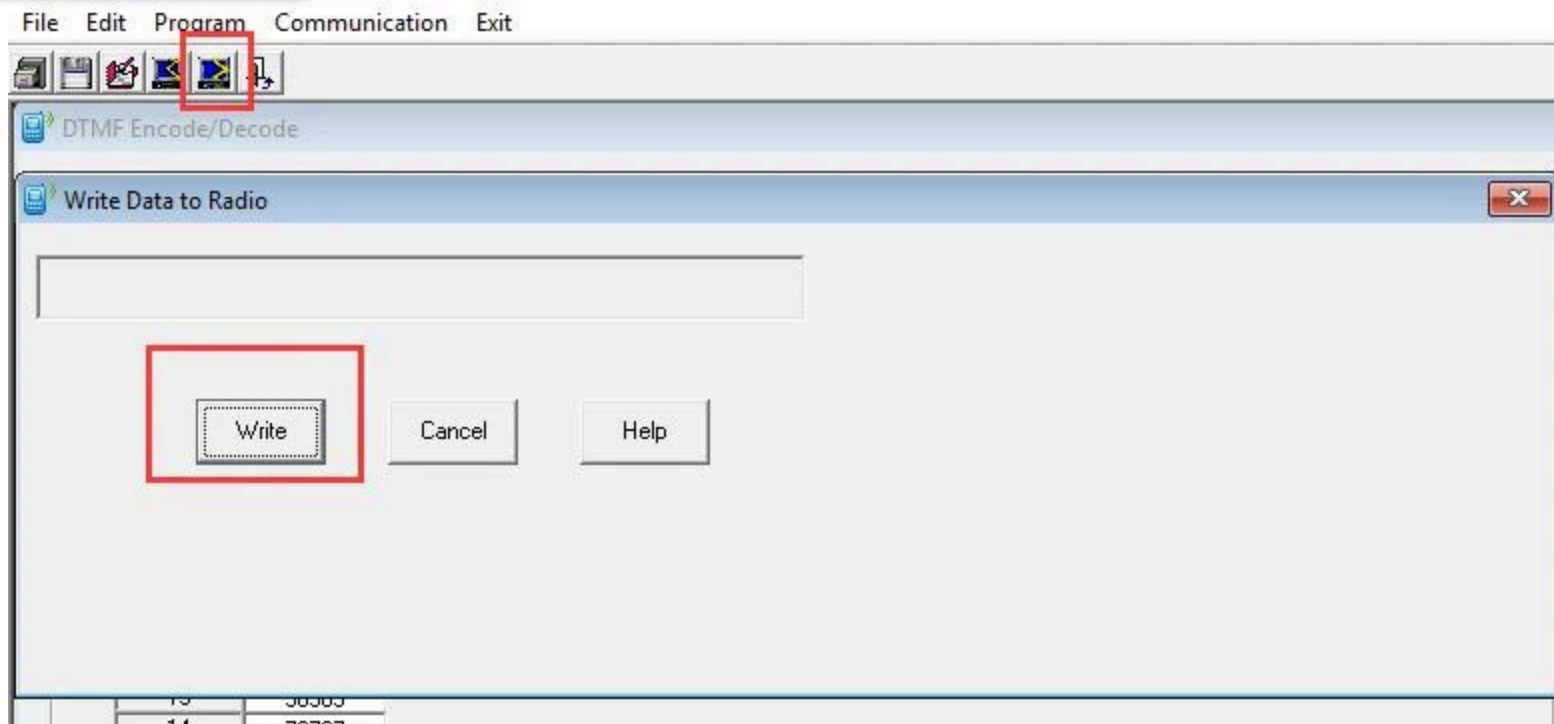
Default

Close

5) If you want to modify the DTMF function, you can get into the DTMF page by clicking "DTMF" under "Edit".



6) Finally, all the modification will be saved by clicking the "Write" button, then clicking the "Write" button on the popup. And you can check the setting you modified after reboot the radio.



Frequently Asked Questions

What is the best software to program Baofeng?

Can the Baofeng be programmed?