



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 of available

The minimum memory: 64M

2. Programming Cable

A. USB programming cable - The driver needs to be installed before writing any frequencies.

https://radioddity-ga2s.s3.amazonaws.com/Engilsh-GA-2S%20Programming%20Guideline_201809.zip

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

B. If you are using a serial 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 computer, check if your computer system meets the requirements.

2) Download the programming software on radioddity.com

https://radioddity-ga2s.s3.amazonaws.com/Engilsh-GA-2S%20Programming%20Guideline_201809.zip

3) Install the programming software

4. Connect your Walkie Talkie with Computer

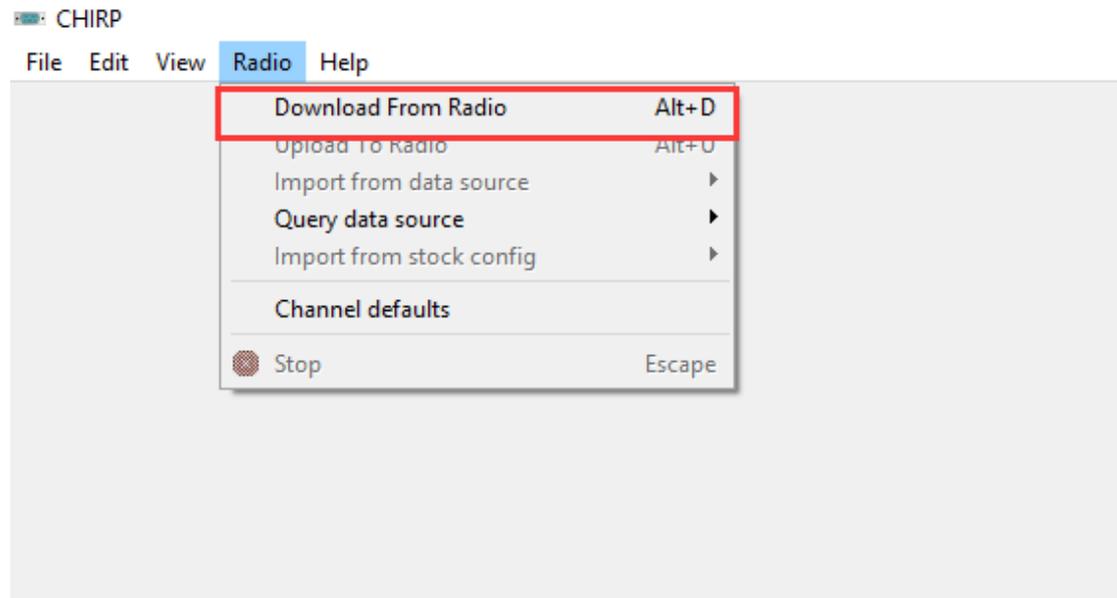
1) USB (or serial) programming cable connects with the computer end.

2) Connect the other end of the cable with your walkie talkie.

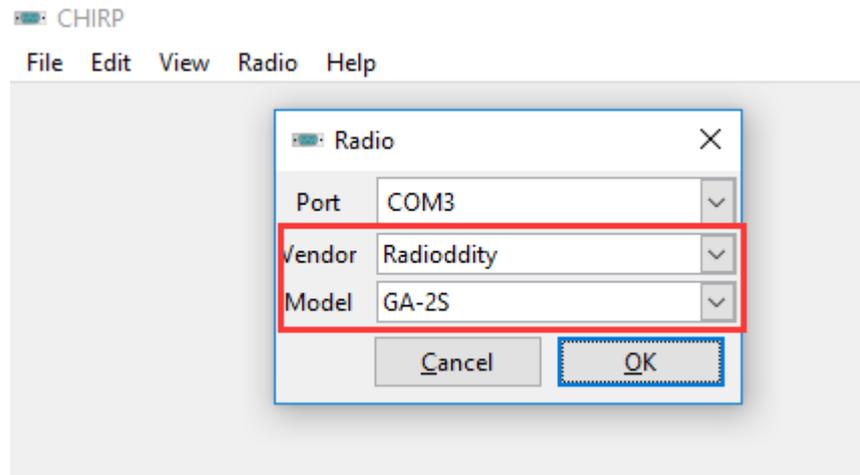
3) When the both ends have been connected, turn on your radio. Make sure it has enough power during the programming procedure.

GA-2S Chirp Software Programming Process

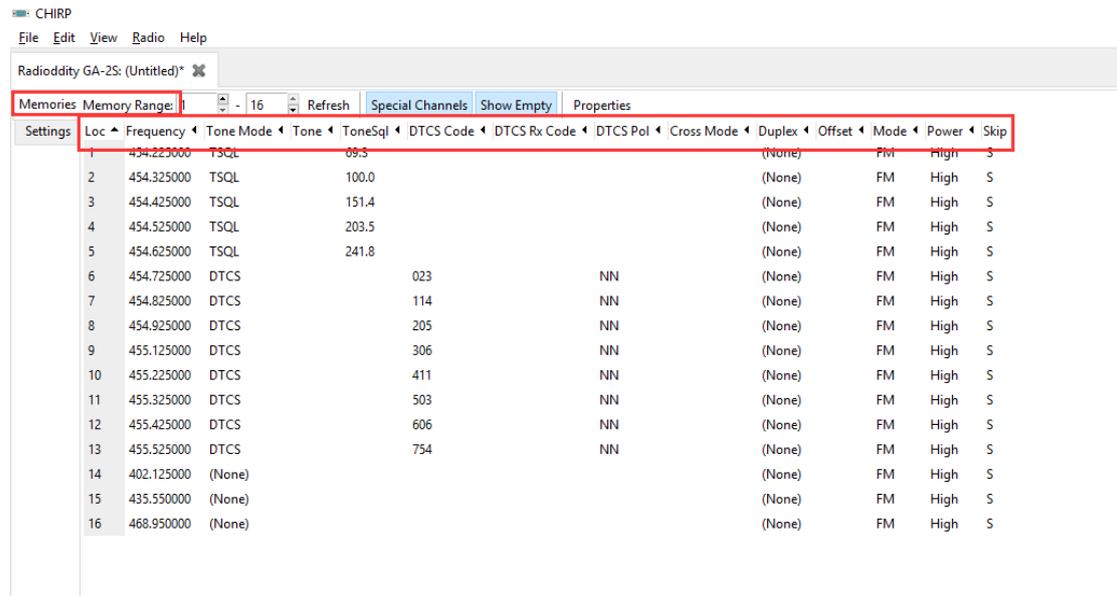
- 1) Open the CHIRP software (Newest Version), click “Download From radio” under “Radio”



- 2) Select the corresponding cable driver port, and select Model “GA-2S” under Vendor “Radioddity”, 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).



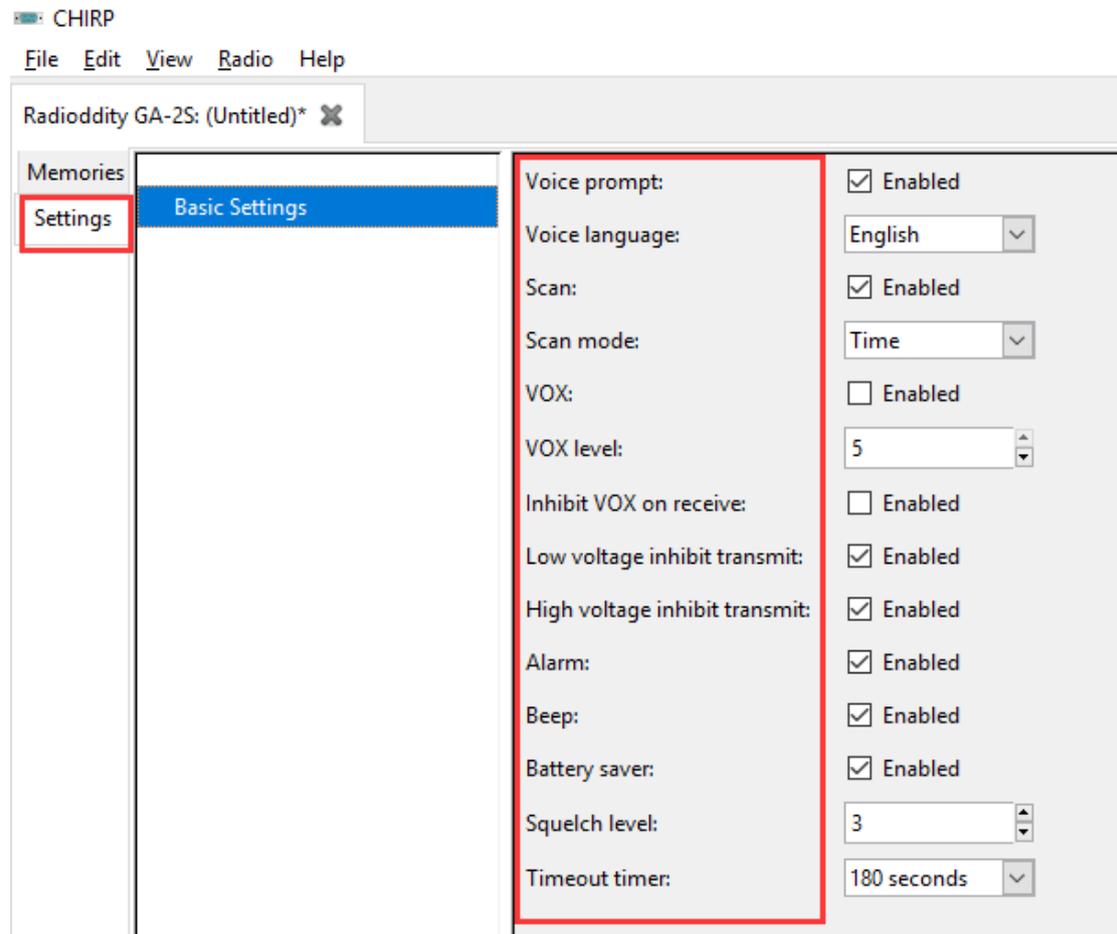
CHIRP
File Edit View Radio Help

Radioddity GA-2S: (Untitled)*

Memories Memory Range: 1 - 16 Refresh Special Channels Show Empty Properties

Settings	Loc	Frequency	Tone Mode	Tone	ToneSql	DTCS Code	DTCS Rx Code	DTCS Pol	Cross Mode	Duplex	Offset	Mode	Power	Skip
1		434.223000	TSQ		09.5					(None)		FM	High	S
2		454.325000	TSQ		100.0					(None)		FM	High	S
3		454.425000	TSQ		151.4					(None)		FM	High	S
4		454.525000	TSQ		203.5					(None)		FM	High	S
5		454.625000	TSQ		241.8					(None)		FM	High	S
6		454.725000	DTCS			023		NN		(None)		FM	High	S
7		454.825000	DTCS			114		NN		(None)		FM	High	S
8		454.925000	DTCS			205		NN		(None)		FM	High	S
9		455.125000	DTCS			306		NN		(None)		FM	High	S
10		455.225000	DTCS			411		NN		(None)		FM	High	S
11		455.325000	DTCS			503		NN		(None)		FM	High	S
12		455.425000	DTCS			606		NN		(None)		FM	High	S
13		455.525000	DTCS			754		NN		(None)		FM	High	S
14		402.125000	(None)							(None)		FM	High	S
15		435.550000	(None)							(None)		FM	High	S
16		468.950000	(None)							(None)		FM	High	S

- 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).



CHIRP
File Edit View Radio Help

Radioddity GA-2S: (Untitled)*

Memories Settings Basic Settings

Voice prompt: Enabled

Voice language: English

Scan: Enabled

Scan mode: Time

VOX: Enabled

VOX level: 5

Inhibit VOX on receive: Enabled

Low voltage inhibit transmit: Enabled

High voltage inhibit transmit: Enabled

Alarm: Enabled

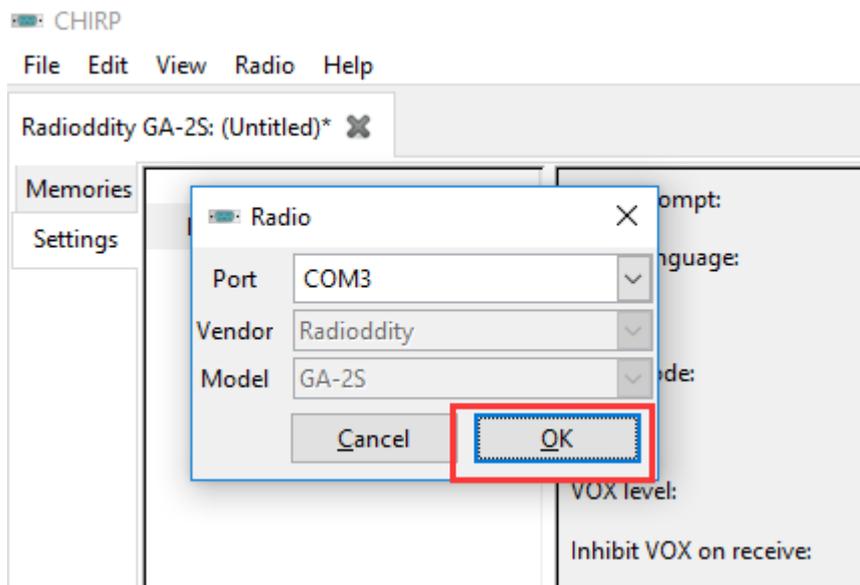
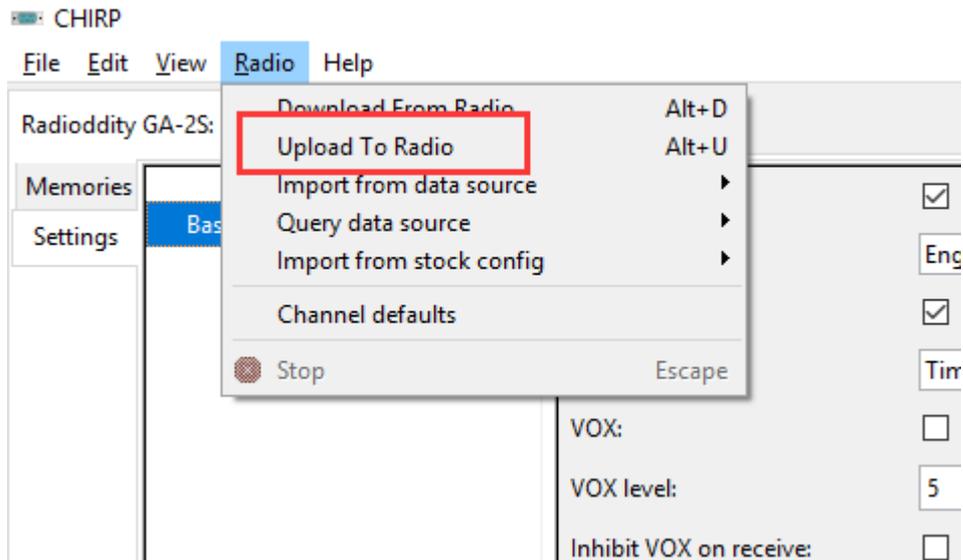
Beep: Enabled

Battery saver: Enabled

Squelch level: 3

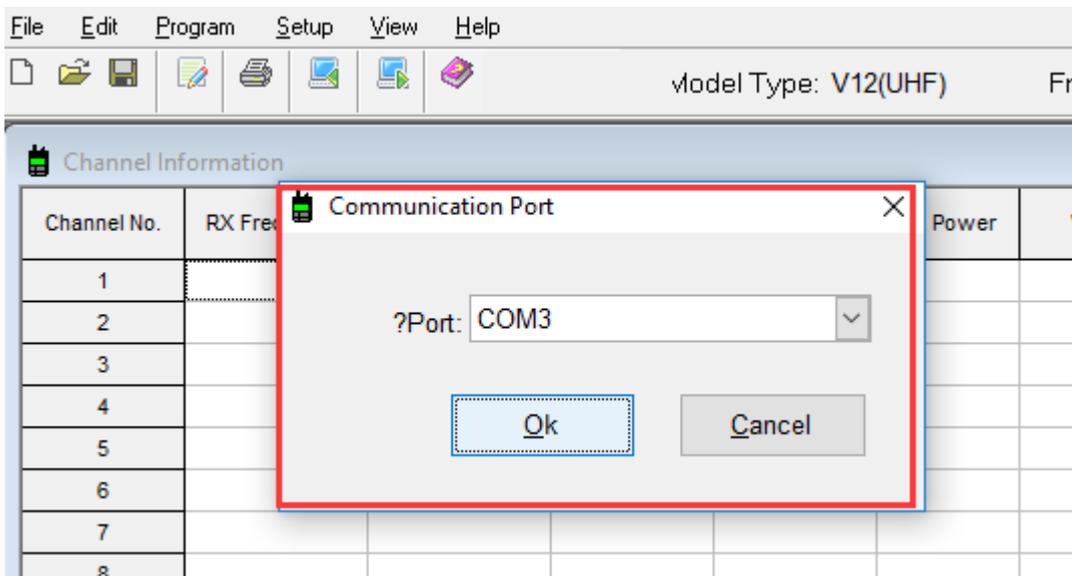
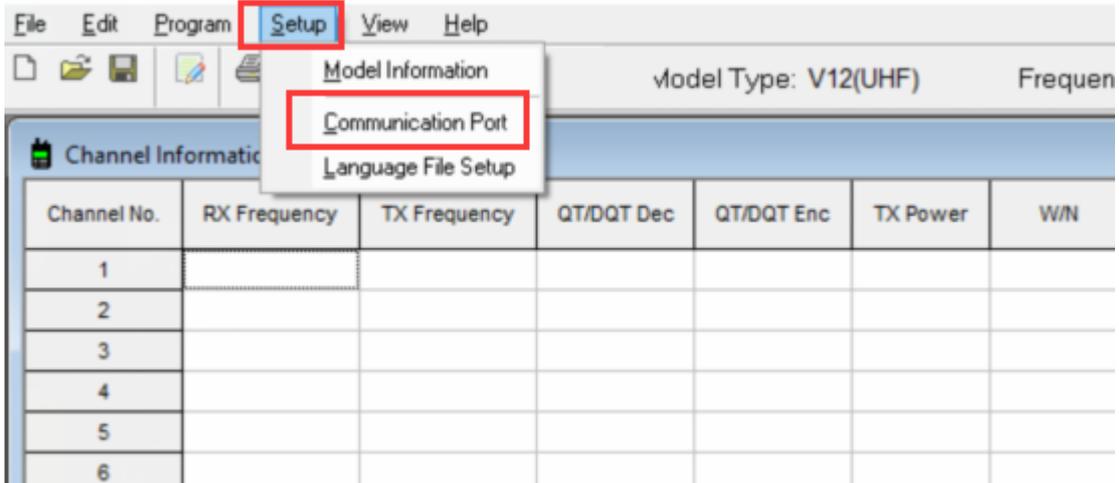
Timeout timer: 180 seconds

- 5) All the modification will be saved by clicking “Upload To Radio” under “Radio”. Then you can check the setting you modified after turn off and turn on the radio.

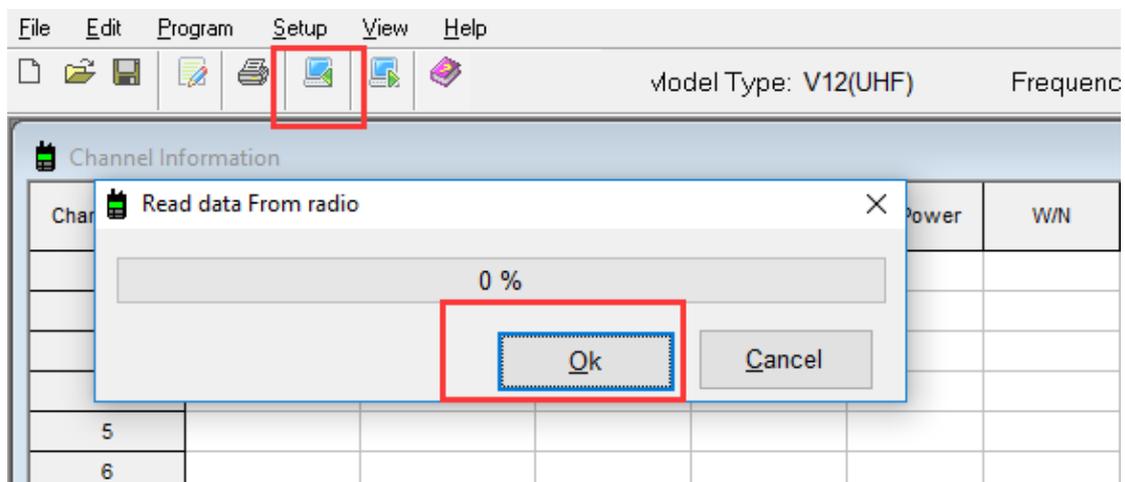


GA-2S Manufacture Software Programming Process

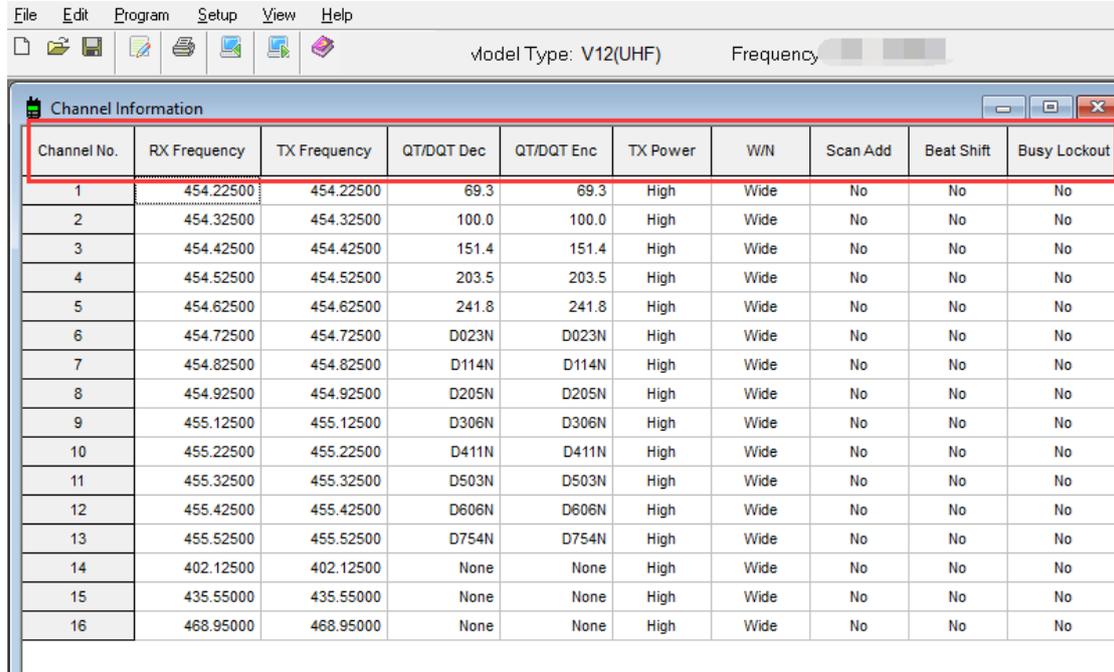
- 1) Download and then open the manufacture software. Click “Setup” and choose “COM3” Port, then click “OK” button.



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

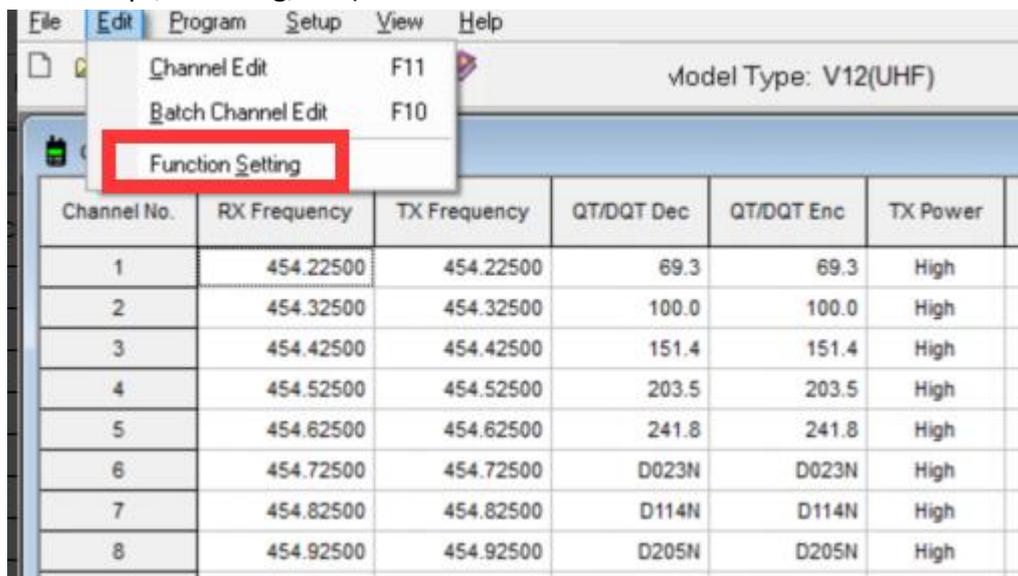


- 3) You will come to the parameter page, you can adjust the limited parameters (Channel, TX Frequency, RX Frequency, CTCSS/DCS, High/Low Power, and Wide/Narrow Band, etc).

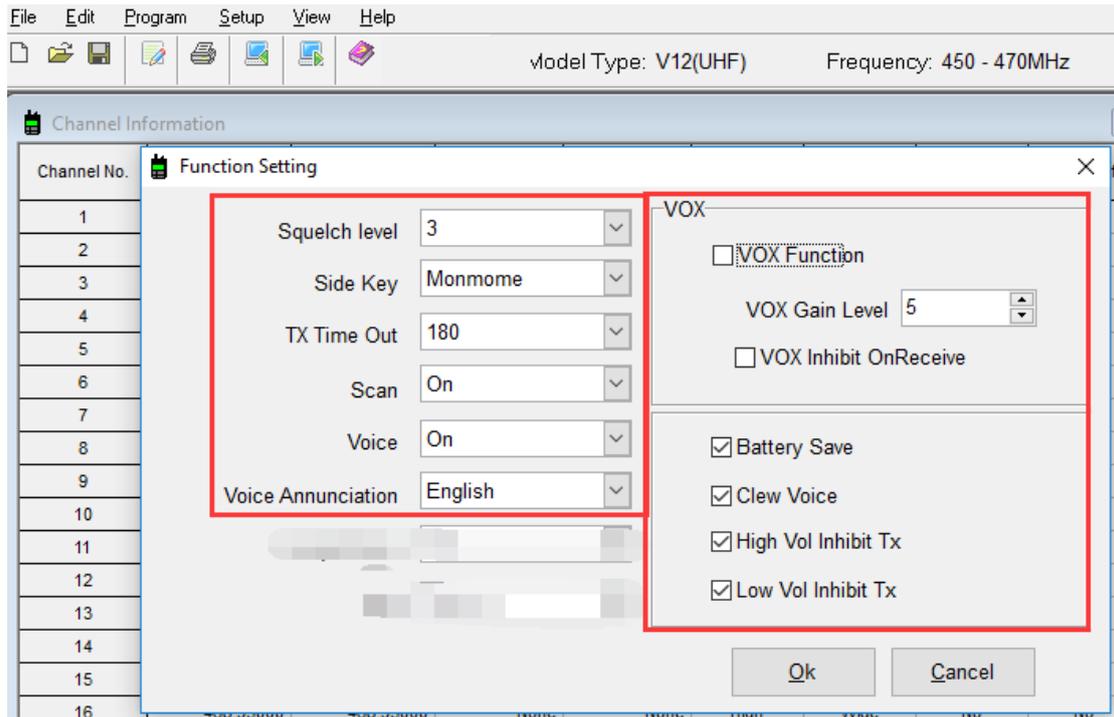


Channel No.	RX Frequency	TX Frequency	QT/DQT Dec	QT/DQT Enc	TX Power	W/N	Scan Add	Beat Shift	Busy Lockout
1	454.22500	454.22500	69.3	69.3	High	Wide	No	No	No
2	454.32500	454.32500	100.0	100.0	High	Wide	No	No	No
3	454.42500	454.42500	151.4	151.4	High	Wide	No	No	No
4	454.52500	454.52500	203.5	203.5	High	Wide	No	No	No
5	454.62500	454.62500	241.8	241.8	High	Wide	No	No	No
6	454.72500	454.72500	D023N	D023N	High	Wide	No	No	No
7	454.82500	454.82500	D114N	D114N	High	Wide	No	No	No
8	454.92500	454.92500	D205N	D205N	High	Wide	No	No	No
9	455.12500	455.12500	D306N	D306N	High	Wide	No	No	No
10	455.22500	455.22500	D411N	D411N	High	Wide	No	No	No
11	455.32500	455.32500	D503N	D503N	High	Wide	No	No	No
12	455.42500	455.42500	D606N	D606N	High	Wide	No	No	No
13	455.52500	455.52500	D754N	D754N	High	Wide	No	No	No
14	402.12500	402.12500	None	None	High	Wide	No	No	No
15	435.55000	435.55000	None	None	High	Wide	No	No	No
16	468.95000	468.95000	None	None	High	Wide	No	No	No

- 4) Click “Function Setting” under “Edit”, then will pop up the page of “Optional Features”, you can adjust the limited parameters (VOX Function, Squelch, Voice Prompt, Scanning, etc.)



Channel No.	RX Frequency	TX Frequency	QT/DQT Dec	QT/DQT Enc	TX Power
1	454.22500	454.22500	69.3	69.3	High
2	454.32500	454.32500	100.0	100.0	High
3	454.42500	454.42500	151.4	151.4	High
4	454.52500	454.52500	203.5	203.5	High
5	454.62500	454.62500	241.8	241.8	High
6	454.72500	454.72500	D023N	D023N	High
7	454.82500	454.82500	D114N	D114N	High
8	454.92500	454.92500	D205N	D205N	High



- 5) Finally, all the modification will be saved by clicking “Write” button, then clicking the “OK” button on the popup.
And you can check the setting you modified after turn off and turn on the radio.

