

Steps to program your radios

1. This is the guide for programming **VOOPON C56TB** walkie-talkies with Windows 10/11.

Before using the frequency programming software, you must prepare the **software** and the **Programming cable**.

(a) Please download the software from the following website:

www.vooptonradio.com and setup the software:



C56TB-22 Win
Setup 1028



C56TB-22 XP
Setup 1028

(b) Programming Cable



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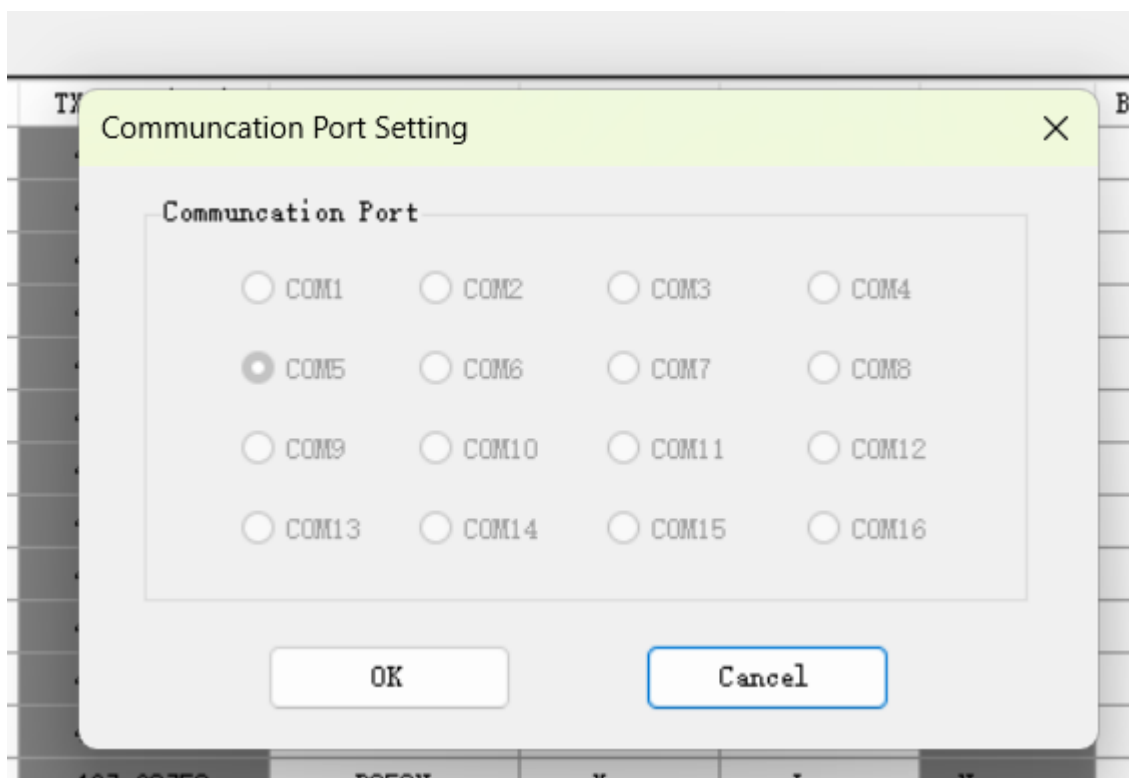
(2) Once the programming cable is ready, turn on your radio to any channel, plug the 2-pin end into the earpiece jack of the radio, the other USB end goes to your computer USB port.

(3) Double click the C56TB-22.exe” in the “V56TB-22” folder to start the program.

CH	RX Freq(MHz)	CTC/DCS DEC	TX Freq(MHz)	CTC/DCS ENC	Scan Add	TX Power	W/N	Busy Lock	Scramble	Spec Code
1	462.56250	69.3	462.56250	69.3	Yes	High	Narrow	OFF	No	OFF
2	462.58750	74.4	462.58750	74.4	Yes	High	Narrow	OFF	No	OFF
3	462.61250	82.5	462.61250	82.5	Yes	High	Narrow	OFF	No	OFF
4	462.63750	88.5	462.63750	88.5	Yes	High	Narrow	OFF	No	OFF
5	462.66250	131.8	462.66250	131.8	Yes	High	Narrow	OFF	No	OFF
6	462.68750	136.5	462.68750	136.5	Yes	High	Narrow	OFF	No	OFF
7	462.71250	141.3	462.71250	141.3	Yes	High	Narrow	OFF	No	OFF
8	467.56250	D023N	467.56250	D023N	Yes	Low	Narrow	OFF	No	OFF
9	467.58750	D243N	467.58750	D243N	Yes	Low	Narrow	OFF	No	OFF
10	467.61250	D032N	467.61250	D032N	Yes	Low	Narrow	OFF	No	OFF
11	467.63750	D047N	467.63750	D047N	Yes	Low	Narrow	OFF	No	OFF
12	467.66250	D051N	467.66250	D051N	Yes	Low	Narrow	OFF	No	OFF
13	467.68750	D053N	467.68750	D053N	Yes	Low	Narrow	OFF	No	OFF
14	467.71250	D065N	467.71250	D065N	Yes	Low	Narrow	OFF	No	OFF
15	462.55000	151.4	462.55000	151.4	Yes	High	Narrow	OFF	No	OFF
16	462.57500	123.0	462.57500	123.0	Yes	High	Narrow	OFF	No	OFF
17	462.60000	D743I	462.60000	D743I	Yes	High	Narrow	OFF	No	OFF
18	462.62500	D332I	462.62500	D332I	Yes	High	Narrow	OFF	No	OFF
19	462.65000	127.3	462.65000	127.3	Yes	High	Narrow	OFF	No	OFF
20	462.67500	D243I	462.67500	D243I	Yes	High	Narrow	OFF	No	OFF
21	462.70000	D606N	462.70000	D606N	Yes	High	Narrow	OFF	No	OFF
22	462.72500	D743I	462.72500	D743I	Yes	High	Narrow	OFF	No	OFF

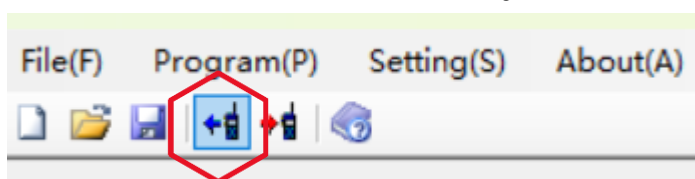
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(4) Once programming cable is properly connected, follow the steps below to select the communication port from the menu:

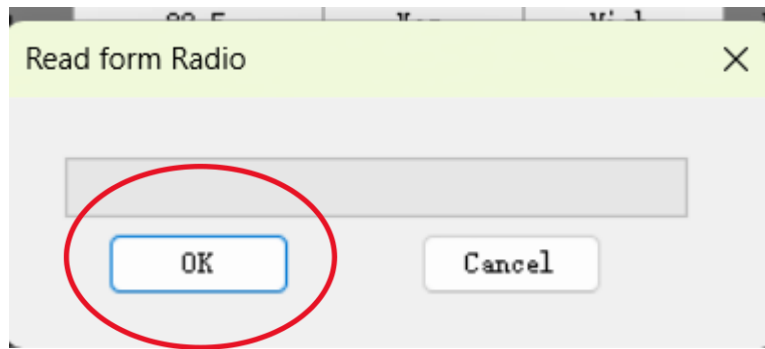


The program will automatically detect the available communication port while in some cases you will need to manually assign it.

(5) After having done the previous steps, check the COM port is available and follow the steps below to Read data from your radios.



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System: Windows 10

6. When transferring data, a list of channels data will show when loading complete

C56TB-22

File(F)Program(P)Setting(S)About(A)

Model Information

Freq Range [400~480MHz]

R/W Password

Change Password

Squelch Level 4

Tine Out Timer[s] 30

Vox Level OFF

Vox Delay Time[s] 0.5

Scan Mode Carrier

Side key 2(Long) Scan

Voice Annunciation English

☒ Battery Save

☒ Beep Tone

CH.	RX Freq(MHz)	CTC/DCS DEC	TX Freq(MHz)	CTC/DCS ENC	Scan Add	TX Power	W/N	Busy Lock	Scramble	Spec Code
1	462.56250	69.3	462.56250	69.3	Yes	High	Narrow	OFF	No	OFF
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11	467.63750	D047N	467.63750	D047N	Yes	Low	Narrow	OFF	No	OFF
12	467.66250	D051N	467.66250	D051N	Yes	Low	Narrow	OFF	No	OFF
13	467.68750	D053N	467.68750	D053N	Yes	Low	Narrow	OFF	No	OFF
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15	462.55000	151.4	462.55000	151.4	Yes	High	Narrow	OFF	No	OFF
16	462.57500	123.0	462.57500	123.0	Yes	High	Narrow	OFF	No	OFF
17	462.60000	D743I	462.60000	D743I	Yes	High	Narrow	OFF	No	OFF
18	462.62500	D332I	462.62500	D332I	Yes	High	Narrow	OFF	No	OFF
19	462.65000	127.3	462.65000	127.3	Yes	High	Narrow	OFF	No	OFF
20	462.67500	D243I	462.67500	D243I	Yes	High	Narrow	OFF	No	OFF
21	462.70000	D606N	462.70000	D606N	Yes	High	Narrow	OFF	No	OFF
22	462.72500	D743I	462.72500	D743I	Yes	High	Narrow	OFF	No	OFF

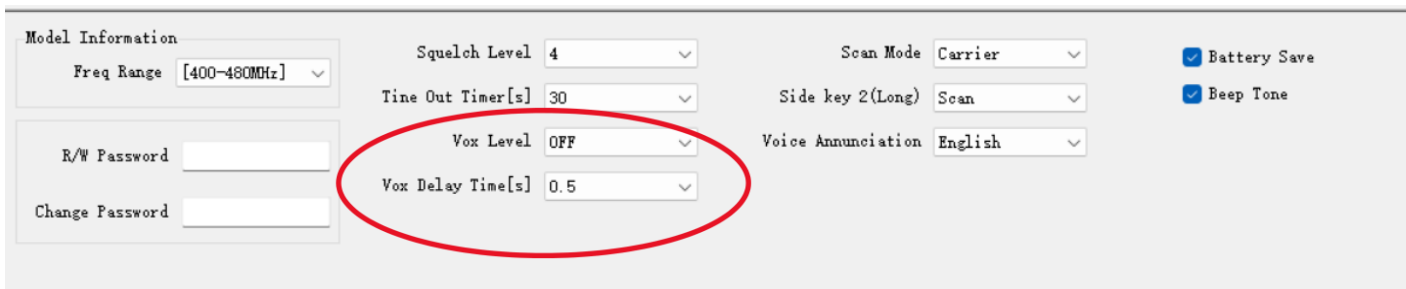
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(Please do not disconnect the cable during the process). Click into any of the cells to edit channel data, please ensure frequency consistency while writing data to different radios in order to make them work together.

To enable **CTC/DCS** function, select built-in codes from the drop-down menu.
Only with the same decoding and encoding will two channels be able to contact.

7. Advanced feature setting interface

You can open VOX Function in the following interface (If you activate the vox function, you can switch vox functions on/off. Please follow the following step in the device . On channel 7, turn off the radio. Then press PPT and CH- button, turn on the device. You will hear vox on or vox off



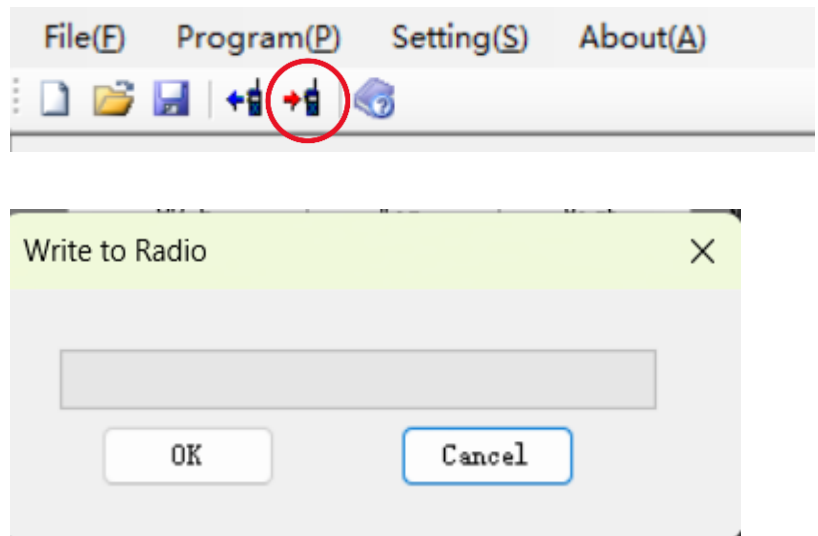
The screenshot shows a web-based configuration interface for a radio. The 'VOX' settings are highlighted with a red circle. The interface includes the following fields and controls:

Model Information		Squelch Level	Scan Mode	Battery Save
Freq Range	[400-480MHz] ▼	4 ▼	Carrier ▼	☒
R/W Password		Time Out Timer[s]	30 ▼	Side key 2(Long)
Change Password		Vox Level	OFF ▼	Scan ▼
		Vox Delay Time[s]	0.5 ▼	Voice Annunciation
			English ▼	☒ Beep Tone

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Finally, when all settings are done, don't forget to write your data into your radios to save all changes.

Select "write to the radio" from Program menu. Click OK button.



Thank you for reading