

# Baofeng GT-18 Programming guide

## Preparation before Programming

1. Computer System Requirements  
Windows systems
2. K-plug Programming Cable
3. Programming Software Download & Install

## Programming Steps

1. Turn on the radio, and plug in the programming cable. Then, turn on programming software. Click "Setting" and choose correct "COM" Port, then click the "OK" button.

The screenshot shows the BAOFENG GT18 FRS software interface. The 'Settings' menu is open, and a 'Communication Port' dialog box is displayed over the channel list table. A red circle '1' highlights the 'Settings' menu, and a red circle '2' highlights the 'COM7' selection in the dialog box.

CH.	Rx Freq.	Tx Freq.	Rx CTC/DCS Code	Tx CTC/DCS Code	Tx Power	Bandwidth	ScanAdd	BusyLock	JumpCode
1	462.56250	462.56250	67.0	67.0	HIGH	NARROW	ON	OFF	OFF
2	462.58750	462.58750	118.8	118.8	HIGH	NARROW	ON	OFF	OFF
3	462.61250	462.61250	127.3	127.3				FF	FF
4	462.63750	462.63750	131.8	131.8				FF	FF
5	462.66250	462.66250	136.5	136.5				FF	FF
6	462.68750	462.68750	141.3	141.3				FF	FF
7	462.71250	462.71250	146.2	146.2				FF	FF
8	467.56250	467.56250	D243N	D243				FF	FF
9	467.58750	467.58750	D032N	D032N	LOW	NARROW	ON	OFF	OFF
10	467.61250	467.61250	D047N	D047N	LOW	NARROW	ON	OFF	OFF
11	467.63750	467.63750	D051N	D051N	LOW	NARROW	ON	OFF	OFF
12	467.66250	467.66250	D053N	D053N	LOW	NARROW	ON	OFF	OFF
13	467.68750	467.68750	D065N	D065N	LOW	NARROW	ON	OFF	OFF
14	467.71250	467.71250	D116N	D116N	LOW	NARROW	ON	OFF	OFF
15	462.55000	462.55000	123.0	123.0	HIGH	NARROW	ON	OFF	OFF
16	462.57500	462.57500	D743I	D743I	HIGH	NARROW	ON	OFF	OFF

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

CH.	Rx Freq.	Tx Freq.	Rx CTC/DCS Code	Tx CTC/DCS Code	Tx Power	Bandwidth	ScanAdd	BusyLock	JumpCode
1	462.56250	462.56250	67.0	67.0	HIGH	NARROW	ON	OFF	OFF
2	462.58750	462.58750	118.8	118.8	HIGH	NARROW	ON	OFF	OFF
3	462.61250	462.61250	127.3						OFF
4	462.63750	462.63750	131.8						OFF
5	462.66250	462.66250	136.5						OFF
6	462.68750	462.68750	141.3						OFF
7	462.71250	462.71250	146.2						OFF
8	467.56250	467.56250	D243N						OFF
9	467.58750	467.58750	D032N	D032N	LOW	NARROW	ON	OFF	OFF
10	467.61250	467.61250	D047N	D047N	LOW	NARROW	ON	OFF	OFF
11	467.63750	467.63750	D051N	D051N	LOW	NARROW	ON	OFF	OFF
12	467.66250	467.66250	D053N	D053N	LOW	NARROW	ON	OFF	OFF
13	467.68750	467.68750	D065N	D065N	LOW	NARROW	ON	OFF	OFF
14	467.71250	467.71250	D116N	D116N	LOW	NARROW	ON	OFF	OFF
15	462.55000	462.55000	123.0	123.0	HIGH	NARROW	ON	OFF	OFF
16	462.57500	462.57500	D743I	D743I	HIGH	NARROW	ON	OFF	OFF

3. You will come to the parameter page, and you can adjust the relevant parameter, like CTCSS/DCS.

CH.	Rx Freq.	Tx Freq.	RxC/DCS Code	TxC/DCS Code	Tx Power	Bandwidth	ScanAdd	BusyLock	JumpCode
1	462.56250	462.56250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
2	462.58750	462.58750	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
3	462.61250	462.61250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
4	462.63750	462.63750	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
5	462.66250	462.66250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
6	462.68750	462.68750	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
7	462.71250	462.71250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
8	467.56250	467.56250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
9	467.58750	467.58750	OFF	OFF	LOW	NARROW	ON	OFF	OFF
10	467.61250	467.61250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
11	467.63750	467.63750	OFF	OFF	LOW	NARROW	ON	OFF	OFF
12	467.66250	467.66250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
13	467.68750	467.68750	OFF	OFF	LOW	NARROW	ON	OFF	OFF
14	467.71250	467.71250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
15	462.55000	462.55000	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
16	462.57500	462.57500	OFF	OFF	HIGH	NARROW	ON	OFF	OFF

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4. Click "VOX" to turn on/off and adjust its level to depend on the need.

CH	Rx Freq.	Tx Freq.	Rx CTC/DCS Code	Tx CTC/DCS Code	Tx Power	BandWide	ScanAdd	BusyLock	JumpCode
1	462.56250	462.56250	69.3	69.3	HIGH	NARROW	ON	OFF	OFF
2	462.58750	462.58750	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
3	462.61250	462.61250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
4	462.63750	462.63750	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
5	462.66250	462.66250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
6	462.68750	462.68750	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
7	462.71250	462.71250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
8	467.56250	467.56250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
9	467.58750	467.58750	OFF	OFF	LOW	NARROW	ON	OFF	OFF
10	467.61250	467.61250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
11	467.63750	467.63750	OFF	OFF	LOW	NARROW	ON	OFF	OFF
12	467.66250	467.66250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
13	467.68750	467.68750	OFF	OFF	LOW	NARROW	ON	OFF	OFF
14	467.71250	467.71250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
15	462.55000	462.55000	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
16	462.57500	462.57500	OFF	OFF	HIGH	NARROW	ON	OFF	OFF

5. After setting, click the "Write" button and then click "Start" and be ready to write the data to your radio.

CH	Rx Freq.	Tx Freq.	Rx CTC/DCS Code	Tx CTC/DCS Code	Tx Power	BandWide	ScanAdd	BusyLock	JumpCode
1	462.56250	462.56250	69.3	69.3	HIGH	NARROW	ON	OFF	OFF
2	462.58750	462.58750	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
3	462.61250	462.61250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
4	462.63750	462.63750	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
5	462.66250	462.66250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
6	462.68750	462.68750	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
7	462.71250	462.71250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
8	467.56250	467.56250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
9	467.58750	467.58750	OFF	OFF	LOW	NARROW	ON	OFF	OFF
10	467.61250	467.61250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
11	467.63750	467.63750	OFF	OFF	LOW	NARROW	ON	OFF	OFF
12	467.66250	467.66250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
13	467.68750	467.68750	OFF	OFF	LOW	NARROW	ON	OFF	OFF
14	467.71250	467.71250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
15	462.55000	462.55000	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
16	462.57500	462.57500	OFF	OFF	HIGH	NARROW	ON	OFF	OFF

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6. If you need to apply the same settings to other GT-18s, click the "Save" button to save the setting file (code plug) to your computer.

CH.	Rx Freq.	Tx Freq.	Rx CTC/DCS Code	Tx CTC/DCS Code	Tx Power	BandWide	ScanAdd	BusyLock	JumpCode
1	462.56250	462.56250	69.3	69.3	HIGH	NARROW	ON	OFF	OFF
2	462.58750	462.58750	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
3	462.61250	462.61250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
4	462.63750	462.63750	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
5	462.66250	462.66250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
6	462.68750	462.68750	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
7	462.71250	462.71250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
8	467.56250	467.56250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
9	467.58750	467.58750	OFF	OFF	LOW	NARROW	ON	OFF	OFF
10	467.61250	467.61250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
11	467.63750	467.63750	OFF	OFF	LOW	NARROW	ON	OFF	OFF
12	467.66250	467.66250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
13	467.68750	467.68750	OFF	OFF	LOW	NARROW	ON	OFF	OFF
14	467.71250	467.71250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
15	462.55000	462.55000	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
16	462.57500	462.57500	OFF	OFF	HIGH	NARROW	ON	OFF	OFF

7. Refer to the above steps, connect other GT-18 to the computer, open the setting file (code plug) you saved before in the software, and directly click the "Write" button to import the settings.

CH.	Rx Freq.	Tx Freq.	Rx CTC/DCS Code	Tx CTC/DCS Code	Tx Power	BandWide	ScanAdd	BusyLock	JumpCode
1	462.56250	462.56250	69.3	69.3	HIGH	NARROW	ON	OFF	OFF
2	462.58750	462.58750	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
3	462.61250	462.61250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
4	462.63750	462.63750	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
5	462.66250	462.66250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
6	462.68750	462.68750	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
7	462.71250	462.71250	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
8	467.56250	467.56250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
9	467.58750	467.58750	OFF	OFF	LOW	NARROW	ON	OFF	OFF
10	467.61250	467.61250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
11	467.63750	467.63750	OFF	OFF	LOW	NARROW	ON	OFF	OFF
12	467.66250	467.66250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
13	467.68750	467.68750	OFF	OFF	LOW	NARROW	ON	OFF	OFF
14	467.71250	467.71250	OFF	OFF	LOW	NARROW	ON	OFF	OFF
15	462.55000	462.55000	OFF	OFF	HIGH	NARROW	ON	OFF	OFF
16	462.57500	462.57500	OFF	OFF	HIGH	NARROW	ON	OFF	OFF

## Troubleshooting

1. There is no com port that I can choose after connect to the computer.  
Please ensure that the radio is turned on and kindly check if you have firmly plugged in the programming cable and selected the correct comm port. If you have other programming cables that can help test, please also try to program the radio using another programming cable.
2. It's not possible to program using the cable included in the package.  
Please kindly note that the cable that comes with the radios only supports charging. If you need to program the radio, please use a [K-plug programming cable](#).
3. The GT-18 FRS radio cannot activate the NOAA channels.  
Please [click here](#) to download its new firmware and check if it works.