Baofeng Radio Programming Instructions

Duplex Channel (Receives and Transmits on different frequencies):

Set Up Your Frequencies, Offset and CTCSS Codes:

    1) Your radio will not save an active frequency. Remove your radio's antenna and set it aside.

    2) Ensure your radio is in *Frequency Mode* and you are on the **Upper Line** of the display. The radio will not save information from the Lower Line in the display.

    3) Enter your Receiving Frequency using the keypad.

    4) Press: **MENU, 25, MENU** and press the **Up** or **Down** arrow until your desired Offset Direction is displayed (+ / -). Press **MENU** again and then **EXIT**.

    5) Press: **MENU, 26, MENU** and enter your Offset (this will be your Transmitting Frequency). (600KHz = 000.600, 5MHz = 005.000, etc). Press **MENU** again and then **EXIT**. Press ***** to confirm. *Press * again to ensure the Receiving Frequency is displayed before moving on.*

    6) Press: **MENU, 11, MENU** and enter your Receiving CTCSS code. Press **MENU** again and then **EXIT**. (You may have to push the **Up** or **Down** arrow to change CTCSS from OFF).

    7) Press: **MENU, 13, MENU** and enter your Transmitting CTCSS code. Press **MENU** again and then **EXIT**.

Quick Test:

    Press **MENU, 11**: your radio should display your Receiving CTCSS Code.
    Press the **Up** arrow twice: your radio should display your Transmitting CTCSS Code.
    Enter **25**: Your radio should display your Offset Direction.
    Press the **Up** arrow once: your radio should display your Offset amount.
    Press **EXIT**.
    Press the ***** button: your radio should display your Transmitting Frequency.
        Press the * button again to display your Receiving Frequency!!!

Saving your channel: **You cannot overwrite a saved channel. You must first delete that channel before saving a new one.**

                      Some newer radios came pre-programmed. To reset the radio to factory defaults, Press MENU, 40, MENU. The radio will say "Initialization," Press MENU again to confirm. Press EXIT.

    8) Press **MENU, 27, MENU**: enter your channel number or use the **Up** or **Down** arrow until you find the channel number you want to use. Press **MENU** again. The radio will say *Receiving Frequency*. Press **EXIT**. (An available channel will be one that does *NOT* indicate CH next to the number).

    9) Press the ***** button. Your radio should now display your Offset or Transmitting Frequency.

    10) Press: **MENU, 27, MENU**: enter the channel number you just used (if it's not already showing). Press **MENU** again. The radio will say *Transmitting Frequency*. Press **EXIT**.

    Congratulations, you're done!

Go to Channel Mode.

Enter your new channel number or scroll to it.

Simplex Channel (Receives and Transmits on the SAME frequency):

<u>Set Up Your Frequency:</u>

1) Remove your antenna and set it aside.

2) Ensure your radio is in *Frequency Mode* and you are on the **UPPER LINE** of the display.

3) Enter your Frequency using the keypad.

Omit steps 4, 5, 6 and 7. Ensure that MENU's 11, 13 and 25 are set to OFF and MENU 26 is set to 000.000.

<u>Saving your channel:</u>

8) Press **MENU, 27, MENU**: enter your channel number or use the **Up** or **Down** arrow until you find the channel number you want to use. Press **MENU** again. The radio will say *Receiving Frequency*. Keep pressing MENU until the radio says *Transmitting Frequency*. Press **EXIT**.

<u>Congratulations, you're done!</u>

Baofeng Menu Function and Description Chart		
MENU	Function Description	Fast Keys
0	SQL (Squelch Level)	
1	STEP (Frequency Setup	
2	TXP (Transmit Power) *If so equipped.*	(#) Press and Release
3	Save (Battery Power)	
4	VOX (Voice Operated Trasmissions)	
5	W / N (Wideband / Narrowband)	
6	ABR (*Display Illumination Time Length)	
7	TDR (Dual Watch / Dual Band)	
8	Beep (Keyboard Beep Sound)	
9	TOT (Transmission Timer)	
10	R-DCS (Reception Digital Code Squelch)	
11	R-CTS (Reception Continuous Tone Coded Squelch)	
12	T-DCS (Transmission Digital Code Squelch)	
13	T-CTS (Transmission Continuous Tone Coded Squelch)	
14	Voice (Voice Prompt)	
15	ANT (Automatic Number ID) PC Software Required	
16	DTMFST (DTMF Tone of Transmitting Code)	
17	S-Code (Signal Code) PC Software Required	
18	SC-REV (Scan Resume Method)	
19	PTT-ID (Press or Release the PTT Button to Transmit the Code	
20	PTT-LT (Delay the Signal Code Sending)	
21	MDF-A (In-Channel Mode, Display Channel A) PC Software Required	
22	MDF-B (In-Channel Mode, Display Channel A) PC Software Required	
23	BCL (Busy Channel Lockout)	
24	AUTOLK (Keyboard Locked Automatically)	(#) Press and Hold
25	SFT-D (Direction of Frequency Shift)	
26	OFFSET (Amount of Frequency Shift)	
27	MEMCH (Store a Memory Channel)	
28	DELCH (Delete a Memory Channel)	
29	WT-LED (Display Illumunation Color During Stand-by)	
30	RX-LED (Displauy Illumination Color Duriing Reception)	
31	TX-LED (Display Illumination Color During Transmission)	
32	AL-MOD (Alarm Mode)	
33	Band (Band Selection)	
34	TX-AB (Transmission Selection While in Dual Band Mode)	
35	STE (Tail Tone Elimination)	
36	RP_STE (Tail Tone Elimination in Communication Through Repeater)	
37	RTP_RL (De;ay the Tail Tone of the Repeater)	
38	PONMGS (Boot Display Message)	
39	ROGER (Tone End of Transmission)	
40	RESET (Restore Default Settings)	