Manually Programing Your BAOFENG UV5RA Dual band Transceiver

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1. Turn on the radio (knob on the top of the radio).
2. Push orange V/M button to enter Frequency (VFO) mode (no channel number is shown in Frequency Mode mode).
3. Press the A/B key so that the ▲ symbol is to the left of the upper frequency display

SETTING THE REPEATER OFFSET

4. Use the ▼ ▲ up down arrow keys to get to menu item #25 to set plus, minus or none offset.
5. Press the MENU again and use the use ▼ ▲ up down arrow keys to select +, - or none.
6. Press MENU again to lock in your selection If you have voice turned on (Menu item #16) the radio will say confirmed.
7. Use the ▼ ▲ up down arrow keys to get to menu item # 26 to set plus the repeater offset frequency.
8. Press the MENU again and use keyboard to enter the desired offset frequency (for 2 meters this will be 600KHz and for 70 cm it will be5 MHz. For 600 KHz enter 00600 and for 5 MHz enter 05000.
9. Press MENU again to lock in your selection If you have voice turned on (Menu item 16) the radio will say "confirmed".

SETTING TRANSMIT POWER

10. Press the MENU again and use the ▼ ▲ up down arrow keys to get to item #2 Transmit Power
11. Press MENU again and use the ▼ ▲ up down arrow keys to select the desired power level (HIGH or LOW)
12. Press MENU again to lock in your selection If you have voice turned on (Menu item 16) the radio will say "confirmed".

SETTING THE CTCSS TONE

13. Press MENU and use the ▼ ▲ up down arrow keys to get to menu item #13 to set the CTCSS Tone if used.
14. Press the MENU again and use the keypad to enter the desired CTCSS tone (i.e. 100, 123, 141, etc.)
15. Press MENU again to lock in your selection If you have voice turned on(Menu item 16) the radio will say confirmed.

ENTERING A FREQUENCY IN FREQUENCY (VFO) MODE

16. Press the A/B key so that the ▲ symbol is to the left of the upper frequency display
17. Press orange V/M key to enter the frequency mode If you have the voice on (option #16) the radio will announce "Frequency Mode" and there will not be a channel number next to the frequency display.
18. Enter the desired frequency like 147.300 443.400 using the keypad. Note that there is no decimal point key, it will be entered automatically after your first three input digits. The voice mode (Menu option 16) if on will confirm each digit entered.

STORING THE FREQUENCY

19. This procedure will store the frequency entered above along with all the above item settings
20. Press **MENU** and use the ▼ ▲ up down arrow keys to get to menu item # 27 MEM-CH
21. Press **MENU** The voice will announce "Memory Channel".   Use the keyboard to enter an empty channel number location.
22. Press **MENU**

If you are entering additional frequencies go back to step 2
Deleting a memory location

23. Press **MENU** and use the ▼ ▲ up down arrow keys to get to menu item # 28 DEL-CH
24. Press **MENU** The voice will announce "Delete Memory".   Use the keyboard to enter the channel number to be deleted.
25. Press **MENU** the radio will announce "Confirm"

Additional "Menu" choices that may be of interest

All of these modes are accessed by pressing the **MENU** key then using the ▼ ▲ up down arrow keys to get to the menu item then pressing the **MENU** key and the ▼ ▲ up down arrow keys or entering data to make choices.

Menu Item	Function
# 0	**SQL** Set Squelch threshold (0 is no squelch 9 is max squelch))
# 1	**STEP** Tuning step size using the ▼ ▲ up down arrow keys
# 2	**TXP** Set transmit power (High or Low)
# 3	**SAVE** Battery Save Mode (Off or 1,2,3 or 4 Hours)
# 4	**VOX** (ON or OFF and sensitivity)
# 5	**WN** Wide or Narrow Bandwidth (5 KHz or 2½ KHz)
# 6	**ABR**, Display illumination (Off or 1 to 10 Seconds)
# 7	**TDR** Dual watch (on, A or B)
# 8	**BEEP** Tone on key stroke (ON or OFF)
# 9	**TOT** Transmitter On Time, in seconds
# 11	**RCTCS** Receive CTCSS (set tone or off with the ▼ ▲ up down arrow keys)
# 13	**TCTCS** Transmit CTCSS (off or select tone with the ▼ ▲ up down arrow keys)
#14	**VOICE** Select language (English or Chinese)
# 19	**PTT-ID** (Off, BOT, EOT, BOTH)
# 20	**PTT-LT** Delay PTT for coding (0 to 50 ms)
# 23	**BCL** Busy Channel Lockout (on or off)
# 24	**AUTOLK** Automatic Keyboard Lock (on or Off)
# 25	**SFT-D** Repeater Offset (+,-, off)
# 26	**OFFSET** Repeater Offset Frequency
# 27	**MEM-CH** Memory Channel number entry
# 28	**DEL-CH** Delete Channel number entry
#33	**BAND** Band select VHF or UHF (same as BAND button)
# 34	**TDR** Dual watch (on, A or B)
#39	**RODGER** places tone at end of transmission (On or Off)
# 40	**RESET ALL** Restores default settings (use with caution)

#21 MDF-A Set to freq. so both A + B show freq.