Manually Programming Your BAOFENG UV-5RA Dual Band Transceiver
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- Turn on the radio (knob on the top of the radio)
- Push orange V/M button to enter Frequency (VFO) mode (no channel number is shown in Frequency Mode)
- Press the A/B key so that the ▲ symbol is to the left of the upper frequency display.

ENTERING A FREQUENCY IN FREQUENCY (VFO) MODE

- Make sure you are in Frequency Mode as described above.
- Enter the desired frequency (ex. 147.300, 443.400, etc.) using the keypad. Note 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.

SETTING THE REPEATER OFFSET

- Press the MENU button
- Use the ▲▼ arrow keys to get to Menu item #25 to set plus, minus, or none offset.
- Press MENU again and use the ▲▼ arrow keys to get to Menu item #26 to set the repeater offset frequency.
- Press MENU again and use the keyboard to enter the desired offset frequency (2 meters this will be 600 KHz, for 70 cm if will be 5 MHZ. For 600 KHz enter 00600 and for 5 MHZ enter 05000.
- 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

- Press the MENU button and use the ▲▼ arrow keys to get to Menu item #23 to set the CTCSS tone.
- Press MENU again and use the keyboard to enter the desired CTCSS tone (i.e., 100, 123, 141, etc.)
- 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

- Press the MENU button and use the ▲▼ arrow keys to get to Menu item #2, Transmit Power.
- Press MENU again and use the ▲▼ arrow keys to select the desired power level (**High** or **Low**).
- Press MENU again to lock in your selection. If you have voice turned on (Menu item #16), the radio will say "confirmed."

STORING THE FREQUENCY

- This procedure will store the frequency entered above along with all the above settings.
- Press the MENU button and use the ▲▼ arrow keys to get to Menu item #27, MEM-CH.
- Press MENU, the voice, if on, will announce "Memory Channel." Use the keyboard to enter the channel number location to be deleted.
- Press MENU again to lock in your selection. If you have voice turned on (Menu item #16), the radio will say "confirmed."

DELETING A MEMORY LOCATION

- Press the MENU button and use the ▲▼ arrow keys to get to Menu item #28, DEL-CH.
- Press MENU, the voice, if on, will announce "Delete Memory." Use the keyboard to enter the desired channel number location. The channel will be overwritten if not empty.
- Press MENU again to lock in your selection. If you have voice turned on (Menu item #16), the radio will say "confirmed."

ADDITIONAL "MENU" CHOICES THAT MAY BE OF INTEREST

All these choices are accessed by pressing the MENU button and use the ▲▼ arrow keys to get to Menu item number, then pressing MENU again and the ▲▼ arrow keys or using the keyboard to enter data. Press MENU again to lock in your selection. If you have voice turned on (Menu item #16), the radio will say "confirmed."

Menu Item	Function
#0	**SQL** - Set Squelch threshold (0 is no squelch, 9 is maximum squelch)
#1	**STEP** – Tuning step size using the ▲▼ 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) (Don't use this!)
#5	**WN** – Wide or Narrow Bandwidth (5 KHz or 2 ½ 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 ▲▼ arrow keys
#13	**TCTCS** – Transmit CTCSS (Set tone or off with the ▲▼ 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)
#21	**MDF-A** – Set to frequency so both A & B show frequency
#23	**BCL** – Busy Channel Lockout (ON or OFF)
#24	**AUTOLK** – Automatic Keyboard Lockout (ON or OFF)
#25	**SFT-D** – Repeater Offset (+, - or 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) (Usually OFF)
#40	**RESET ALL** – Restores default settings (Use with caution)