

BAOFENG UV-5R+ MEMORY PROGRAMMING TIP SHEET

If you own one of these radios, you might want to print this and keep a copy in your go-kit, your glove-compartment of your car or in your smart-phone, tablet or computer. These simple steps are easy to memorize, but if we don't use it often, having a tip sheet will help.

Simple steps to program the Baofeng UV-5R+ (note this is the "plus" model, different than the UV-5R)

Check your software by holding down the "3" key while turning on radio. My software version is BFB297. If yours is different these steps might not work. However, since you are manually programming, you cannot do too much damage to the radio from keypad entries. Good Luck!

First, it is not all that hard, all you have to remember is the Baofeng takes the memory channel properties in two separate sequences, receiving frequency and associated properties first, then transmitting frequency along with associated properties next.

However, before we start, here are some tips about the menu system. Read and understand them before you begin and this will help you tremendously.

You can numerically select any menu item by first pressing the MENU key then entering the desired menu from the numerical keypad. For instance, Menu #27, can be selected by pressing the MENU key, then the numbers "2" then "7".

Once the menu is selected, the sub-menu is entered by pressing the MENU key again.

After using the UP or DOWN arrow keys to make the appropriate selection, press the MENU key again, then the EXIT key to accept the data entered.

NOW HERE ARE THE STEPS TO ENTERING MEMORY CHANNELS IN THE UV-5R+

FIRST, MAKING A CHANNEL AVAILABLE FOR PROGRAMMING

Press the MENU key to enter menu system.

Use the UP or DOWN arrow keys to locate the "DEL-CH" menu (menu #28).

Press the MENU key again to enter the sub-menu of menu #28.

Use the UP or DOWN arrow to select whatever memory channel you want to program.

After selecting the channel, press the MENU key again to exit the sub-menu.

Press the EXIT key to exit the MENU system.

Note: What you have done is cleared (erased) all the data in that particular channel to allow it to be programmed with new information.

SECOND, ENTERING THE RECIEVING FREQUENCY DATA FIRST

Place the radio in the FREQUENCY mode by pressing the VFO/MR button. FREQUENCY MODE can be confirmed by the absence of a channel number on the right side of the display.

Enter receive frequency data directly into the VFO with the numerical keypad. In this example we will enter the receive frequency of 147.060

Press the MENU key to enter menu system.

Scroll through whatever menus you wish to modify using the UP or DOWN arrow keys.

If you desire RECIEVE tone, go to MENU 11.

Press the MENU key again to enter the sub-menu.

USE the UP or DOWN arrow keys to select whatever receive PL tone you desire. In this example we will select 141.3.

After selecting the tone, press the MENU key again to exit the sub-menu. Then press the EXIT key to exit the MENU system.

THIRD, ENTER THE RECEIVE DATA INTO THE MEMORY CHANNEL

This will enter the current VFO data into the MEMORY Channel we previously cleared.

Press the VFO/MR key to place the radio in the CHANNEL (memory mode). A channel number will appear on the right side of the display.

Press the MENU key to select the menu system. Use the UP or DOWN arrow keys to scroll to MENU #27 or the "MEM-CH" menu.

Press the MENU key again to enter the sub-menu.

Press the UP or DOWN arrows to select the channel you previously cleared in the steps above or an empty channel.

Tip: On the bottom line of the display, if the channel is empty, or not used, the "CH" will not appear, conversely if the "CH" appears this channel is already in use.

Once you have located the desired memory channel press the MENU key again to enter the RECIEVE data only into the memory.

Note: if the radio's voice prompt system is on, the radio will tell you the receiving data has been entered.

Congratulations, you have one half of it done!

NEXT, ENTERING THE TRANSMITTING DATA

Return to the VFO mode by pressing the VFO/MR button.

Following the same method above, first enter the desired transmit frequency of 146.460 mhz.

Then use the MENU key to scroll through and setup the desired transmit frequency parameters next.

This is where you have to pay attention. The transmit frequency is independent of the receive frequency for MEMORY Channel programming purposes, so get this right and you will save yourself some "Excedrin" moments.

The transmit frequency is 146.660 mhz.

There is no shift (menu 25), no offset (menu 26). All you want is a transmit frequency of 146.460 mhz. Leave the shift set to "off" and the offset set at "0.000".

You will need a TRANSMIT tone. Using the MENU key locate and select MENU 13 which is the "T-CTCS" menu.

Press the menu key again to enter the sub-menu.

Then press the UP or DOWN arrow keys to select the PL tone of 141.3.

Then press the MENU key again to accept the sub-menu selection of 141.3.

Press Exit and this completes adding a transmit tone to this frequency.

LAST STEP, I PROMISE!

You are ready to put this frequency along with it's PL data into the memory channel you previously entered the receive data in.

Press the VFO/MR key to place the radio in the CHANNEL (memory) mode.

Press the MENU key to enter the menu system.

Use the UP or DOWN arrow keys to locate the "MEM-CH" menu (menu #27).

Press the MENU key to enter the sub-menu.

Use the UP or DOWN arrow to select the memory channel you previously enter the receive data in.

After selecting the correct channel, press the MENU key again to exit the sub-menu.

Then press the EXIT button to complete the programming.

Note: As above, if the voice prompt system is on, the radio will now announce the "Transmitting" data is entered for this memory channel.

This completes the programming of the selected memory channel.

Hope this helps, feel free to edit this as needed and as always, I would appreciate any comments, suggestions, tips and/or improvements you discover while using your radio.

73's Kenny / KC4OJS