

**Enter VFO mode – Press the [V/M] or [VFO/MR] button. If your radio doesn't have this button, turn you radio off, then press and hold the [MENU] button while turning your radio on. You're in VFO mode when the numbers to the far right of the frequency disappear.**

**Select the A/top side – Press the [A/B] button until the little triangle is to the left of the frequency on top.**

**Enter the frequency you want to program – Use the keypad to enter the frequency number.**

**Enter the Transmit Tone (if required)**

- Press [MENU]
- Press [1] [3] (i.e. T-CTCS)
- Press [MENU] (enter edit mode)
- Use the Up▲ and Down▼ arrows to select the transmit tone
- Press [MENU] to save or [EXIT] to cancel

**Enter the Receive Tone (Only set this when there is a nearby repeater using the same frequency)**

- Press [MENU] (skip this step if you're already in the Menu)
- Press [1] [1] (i.e. R-CTCS)
- Press [MENU] (enter edit mode)
- Use the Up▲ and Down▼ arrows to select the receive tone
- Press [MENU] to save or [EXIT] to cancel

**Enter the Repeater Offset value (if you're programming a repeater)**

- Press [MENU] (skip this step if you're already in the Menu)
- Press [2] [6] (i.e. OFFSET)
- Press [MENU] (enter edit mode)
- Use the keypad to enter the offset value (i.e. 0 0 0 6 0 0 for 0.600 MHz or 0 0 5 0 0 0 for 5 MHz)
- Press [MENU] to save or [EXIT] to cancel

**Enter the Offset direction (if you're programming a repeater)**

- Press [MENU] (skip this step if you're already in the Menu)
- Press [2] [5] (i.e. SFT-D)
- Press [MENU] (enter edit mode)
- Use the Up▲ and Down▼ arrows to select +, -, or OFF
- Press [MENU] to save or [EXIT] to cancel

Save the frequency in a Memory Channel. The Baofeng requires a few extra steps to save a repeater frequency in memory because it requires you to save both the repeater output and input frequencies.

- Press [MENU] (skip this step if you're already in the Menu)
- Press [2] [7] (i.e. MEM-CH)
- Press [MENU] (enter edit mode)
- Use the Up▲ and Down▼ arrows to select a memory channel that does NOT start with CH-
- Press [MENU] to save or [EXIT] to cancel
  - \*\* Here's where it gets tricky, you now have to switch to the repeater input frequency and save it in the same memory channel \*\*
- Press [EXIT]
- Press the [\*SCAN] key on the keypad to enter reverse mode. Notice that the frequency on the display changes to the repeater input frequency (i.e. the repeater output frequency plus or minus the offset.)
- Press [MENU] (you should now be back at MEM-CH menu option)
- Press [MENU] (enter edit mode)
- Press [MENU] (to save)
- Press [EXIT]
  - \*\* We now have to take the radio out of reverse mode \*\*
- Press the [\*SCAN] key to exit reverse mode
- Press [V/M] or [VFO/MEM] or turn the radio off, then press and hold the [MENU] button while turning your radio on to enter memory mode
- Use the Up▲ and Down▼ arrows to select the new memory channel
- When you press the PTT button the frequency should change from the repeater output frequency (the one you listen on) to the repeater input frequency (the one you talk on)