

## Six Steps for Programming your IC-T81A

1. Put your radio in VFO mode by pressing and releasing the “A” key. You MUST be in the VFO mode to begin programming your radio.
2. Set the frequency you want to use by pressing and releasing the corresponding number on the keypad. You must enter **six** digits to complete the frequency setting.
3. To set your offset or duplex (dup), toggle between “simplex”, “-Dup” and “Dup” (which is the positive dup) by press and releasing the center point of the programming dial. If “T” appears on the right side of display, press and release the UP arrow one time which should bring the “D” up on the right side of display. Push and release the right or left arrow until you have “-Dup” or “Dup” appearing in the upper portion of the display, or neither showing if needing “simplex”. Push and release PTT pad one time to exit programming mode.

**Note: If you have selected a simplex frequency or a repeater frequency that does not require a sub audible tone to access, please proceed to Step #6.**

4. If the repeater requires a sub audible tone, set the tone in the SET mode. Push and hold the center point of the programming dial until radio enters the set mode (about 1-2 seconds). Press and release UP or DOWN arrow on programming dial until “rT” appears. Use the right or left arrow on the programming dial to scroll to the correct tone the repeater requires. Press and release the PTT pad one time to exit the set mode.
5. Even though you have told the radio what tone to use in step 4, you still have to turn on the tone. Press and release the center point of the programming dial. If “D” appears on the right side of display, press and release the down arrow on programming dial until “T” appears on the right side of display. Push and release the right or left arrow until “T” appears on upper portion of the display. Push and release PTT pad one time to exit programming mode.
6. Now that you have the frequency, offset and tone (if required) selected, you are now ready to save your settings in a memory channel. Press and hold the “MR” key (1 to 2 seconds). The memory channel indicator should be flashing. Rotate the tuning knob to scroll to the memory channel number you want to store this setting in. (A blank screen will indicate an open memory channel. If you choose a memory where a frequency is displayed, you will over write it). Push and hold the “MR” key for 1-2 seconds to store programmed information (you should hear a two short beeps to indicate it has been stored).

If you have additional memories to program, start again at Step #2. If you have completed your programming, press and release the “MR” key to operate from Memory mode.

If at any time you start to program your radio and words start to move across your screen, do not worry. This is Icom’s “HELP” function that explains what you have selected. To exit the “HELP” function, just push any key and you can proceed.

That's it! Using the above steps you should have no trouble entering either simplex or repeater frequencies and saving them.

**Enjoy your hobby! Clint Bradford, K6LCS [www.k6lcs.com](http://www.k6lcs.com)**