ADDING A FREQUENCY TO MEMORY
By AD6AT Jay Center

FT-90R (180 memory channels)

1. Push **DISP** button to change to Control Mode V.
2. Push **VFO/MR** button on the mic to change to VFO mode.
3. Enter the frequency on the mic keypad.
4. Push the **>** button to select either **ARS** (for repeater) or **OFF** for simplex.
5. For a repeater, push **P1** button to select **ENC/DEC** or **ENC** then press either the **UP** or **DWN** to select the appropriate CTCSS tone.
6. Push the **P2** button to select the desired power level.
7. Press and hold the **VFO/MR** button for one second.
8. Within five seconds use the **UP** or **DWN** buttons or the **MAIN DIAL** to select a memory channel that does not already have a frequency assigned to it.
9. Press the **VFO/MR** button to store the frequency into memory.

NAMING THE MEMORY
10. Recall the memory to be named.
11. Press and hold the **SET** button for one second, the rotate the **MAIN DIAL** to select 02ALPHC.
12. Press either the **<** or **>** button to select the character for the first blinking position.
13. Press **SET** to enter that character and move to the next position.
14. Repeat these last two steps until the entire name is completed.
15. Press **SET** for 1.5 seconds to save the name and return to normal operation.
16. Press **SET** for one second then rotate **MAIN DIAL** to select 01ALPH.
17. Press the **>** key to change the display to ON.
18. Press **SET** for 1.5 seconds to display the name.

FT-530 (38 memory channels per band)

1. Press **VFO.**
2. Key in the frequency.
3. Press **FM – TONE** to set the CTCSS mode.
4. Press **FM – RPT** to set the repeater shift (or off for simplex).
5. Press **FM – T SET** to set the tone.
6. Press **FM** for one second. A memory channel number will flash.
7. Turn the **DIAL** to select the new memory channel.
8. Press **FM** to store the frequency into memory.
9. Press **MR** to search my memory channel.

ADDING A FREQUENCY TO MEMORY
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<u>**FT-7900**</u> (1,000 memory channels)

1. Press the **V/M MW** button to switch to VFO mode. (Other modes are "Memory" and "H" [Home].)
2. Press the **BAND SET** button to select the desired band.
3. Using the keypad on the mic, enter the frequency.
4. Press the **TONE HM/RV** button to enter the desired CTCSS mode.
5. Press and hold in the **BAND SET** button for ½ second to enter the set mode, then rotate the **DIAL** knob to select "Menu #44 (TN FRQ)".
6. Press the **BAND SET** button to display a CTCSS frequency.
7. Rotate the **DIAL** knob to select the desired CTCSS tone frequency.
8. Press the **BAND SET** button briefly to save the new setting.
9. Press and hold in the **BAND SET** button for ½ second to exit to normal operation.
10. Press the **LOW ACC** button several times to select the desired power level.
11. Press and hold in the **V/M MW** button for ½ second. A memory number will appear blinking on the display.
12. Within 10 seconds, use the **DIAL** knob or the mic's **UP** or **DOWN** buttons to select the desired memory channel.

NAMING THE MEMORY
13. Press and hold in the **V/M MW** button for ½ second. "MEM-IN" will appear.
14. Rotate the **DIAL** knob to select the first character of the desired name.
15. Press **BAND SET** to move to the next character.
16. Repeat steps 14 and 15.
17. If a mistake is made, press the mic's **DOWN** button to go back to the previous character, then repeat steps 14 and 15.
18. Channel names can contain up to six characters.
19. When the complete name has been entered, press and hold in the **BAND SET** button for ½ second to save the name and exit to normal operation.
20. Press the **V/M MW** button to return to the memory mode.

ADDING A FREQUENCY TO MEMORY
By AD6AT Jay Center

FT-60R (1,000 memory channels)

1. Press the **V/M** key to enter the VFO (not Memory) mode.
2. Press the **BAND** key to select the desired band.
3. Enter the desired six-digit frequency using the keypad.
4. To select the desired power level, press the **F/W** key, then press the **3(TX PO)** key. Rotate the **DIAL** to select the desired power level: (LOW 0.5 W, MID 2.0 W, HIGH 5.0 W). Press the **PTT** switch to set the power level.
5. Set the CTCSS tone mode. (If CTCSS is not required, as for simplex for example, go to step 10.)
6. Press the **F/W** key, then press the **1(SQ TYP)** key. Turn the **DIAL** to the desired tone mode: OFF for simplex; TONE for tone only; TSQL for tone and squelch; REV TN for mute on match; DCS for digital code squelch. Press the **PTT** switch to save the setting.
7. Press the **F/W** key, then press the **2(CODE)** key. Turn the **DIAL** to select the desired CTCSS tone frequency. Press the **F/W** key to save the setting.
8. Set the desired repeater shift direction. **Automatic Repeater Shift (ARS) is the default setting.** If ARS has been turned off, to turn it back on press the **F/W** key, then press the **0(SET)** key. Turn the **DIAL** to select Set Mode Item 4: ARS. Press the **F/W** key to enable adjustment. Turn the **DIAL** to select ARS ON. Press the **PTT** switch to save the setting.
9. If you need to set the repeater shift direction to something different than provided by the ARS, press the **F/W** key, then press the **4(RPT)** key. Turn the **DIAL** to the desired setting: RPT.OFF; RPT. --; RPT. +. Press the **PTT** switch to save the setting.
10. To store these setting into Memory, press and hold the **F/W** key for **one second** or longer. Within five seconds of releasing the **F/W** key, turn the **DIAL** to the desired memory channel. You may press the **BAND** key repeatedly to advance the memory channel by 100. Once you have located the desired memory channel, press the **F/W** key to store the frequency into memory.
11. At this point you are still in the VFO mode. You may now enter additional frequencies into memory, or you may push the **V/M** key to change to the Memory mode.

NAMING THE MEMORY

12. Press the **V/M** key to activate the Memory mode.
13. Turn the **DIAL** to select the desired memory channel.
14. Press the **F/W** key, then press the **0(SET)** key to enter the Set mode.
15. Turn the **DIAL** to select Set Mode Item 28: NM WRT.
16. Press the **F/W** key twice to clear any previous name.
17. Turn the **DIAL** to select the first character of the name. Press the **F/W** key to move to the next character position.
18. If you make a mistake, press the **V(down arrow)(MHz)** key to move back one character space.
19. Repeat step 17 to complete the label. If the label is less than six characters, press and hold the **F/W** key for one second to confirm the label.
20. Press the **PTT** switch to save the label and exit.