Quick Start Guide for Yaesu FT-60 HT by NG1I

Programming the Yaesu FT-60

To Enter Frequencies:

1. Look in repeater book for frequency and any tones.

2. Turn unit on and make sure you are in VFO mode by use of the V/M button lower left.
If you see a small number on the upper left of the screen then you are in Memory mode and can't directly enterfrequencies...so press the V/M key again and the small memory number will disappear but the same frequency you had in will be there.

3. Use the keypad to input the frequency you want. Make sure it has 6 digits in it. This also verifies you are in the VFO mode.

4. Press the PTT button to keep it on screen. Press the F/W button for a second and you will see tiny 3 digit number on the display....they represent memory slots. Turn the large dial to the memory number you want it stored in. Press the F/W again for 1/2 second and it will go into that memory bank. All set there. This is called an open repeater.

5. If a tone is needed to access a repeater, repeat steps 1 and 2. Then press the F/W key followed by pressing keypad #1. Rotate the dial to Tone but keep rotating dial to TSQL.

6. Press the F/W key and press keypad #2. Turn the dial and select the tone number associated with the repeater.

7. Press the F/W key to save tone and frequency.

8. To place this toned repeater in memory, repeat step 4.

Power Output adjustment:

To extend life of the battery before another charge, you may be close enough to the repeater to use a lower power setting. This can be done by pressing the F/W key and key#3 and turn the dial to choose HIGH, MED, LOW (5W, 2W, .05W).

 NOTE: Even though you may have programmed a frequency in memory mode and wish to use it, you can still use the above feature to adjust your power output BUT it will not reset your original power output stored in memory. The TX PO on orange over key #3 means transmission output.

Repeaters that I have put in my base rig that I can reach 100%. You may want to put them in memory of your HT: All of these frequencies have been tested and are up and running in the Metro West Boston area.

1.   **146.520 This is the simplex frequency that people use throughout the nation to get off a repeater if the two or more or pick a simplex frequency when stations are closer enough to hear each other. It is also known as the National Calling Frequency**

2.   **146.620 Marlboro   Tone 146.2**

3.   **147.030 Wellesley   No tone (open repeater)**

4.   **448.125 Framingham   Tone 88.5**

5.   **146.820 Weston   Tone 146.2**

6.   **449.075   Waltham   No Tone (open repeater)**

7.   **146.640   Waltham   No Tone (open repeater)**

The FT 60, when programmed correctly (I advise to save them in memory) should, at some power level, be accessible to you provided you are not in a building built with so much steel, it could be a prison.

Memory Scan:

You can scan all your memories if you like. The scanning will stop momentarily if there's a signal. It will stay on the signal for 5 seconds before scanning continues. If you hear a frequency you want to use, press the PPT button & you will stay on that frequency until you press the scan feature again.

How to Scan Memory:

1.   **Make sure you are in the memory mode**

2.   **Press either the up arrow MHZ button or the down MHZ button. It does NOT matter which one**

3.   **To stop all scanning, just press the PPT button at anytime**

To adjust power level:

You can change your power level from the default high of 5 watts to Medium 2W or LOW 0.5 watt.

1. Press the F/W key

2. Press the #3 keypad

3. Rotate the top larger dial and select the power level you want. If your "memorized" frequency is set to high you can still set it to a lower power to save battery life if you can reach the repeater with lower power. However, as soon as you change frequencies or turn off the walkie, your temporary power setting defaults back to what you entered.

WHEN ALL ELSE FAILS: DO A COMPLETE RESET BY TURNING OFF THE RIG, THEN PRESSING THE FIRST BUTTON UNDER THE PTT SWITCH AND TURN IT ON AND DIAL THE DIAL TO F4 AND PRESS THE PTT AND IF SUCCESSFULL YOU WILL SEE 430.000 THE DEFAULT SETTING FOR A REBOOT SO ONE CAN START AGAIN.

It does take practice and reading of the manual as the HT as many, many features, some of which I and others aren't aware of yet.

If you find any errors in this "cheat sheet" please let me know what they are as I will print this out for myself and other owners of this popular rig.

1. Battery Life: Do NOT recharge battery until you see the half empty battery icon on your display. Failure to do so will create a short memory and cause several unnecessary charging until battery is useless. (page 10)

2. Quick Charge: Be aware that the desktop 1 hour quick charge will also shorten the FT-60's battery life as a quick jolt of power is good for emergency use but NOT for daily use.

3. Frequency Labeling: This is a personal choice. I can not remember frequencies by name so I have chosen to label each frequency so the name of the repeater is displayed and NOT the frequency. (page 30)

     a.   make a list beforehand of the frequencies you have and the name of that repeater. This will make your work in labeling frequencies much easier.

     b.   choose the frequency in memory you want to label

     c.   press the F/W key then press the 0 Set key

d.   rotate dial to menu #28 "NM WRT"

d.   press F/W key until you see the small word "see" in then upper left of
        the display

e.   rotate dial to select first digit…there are capitals, prosigns, and
        letters….just keep dialing. After placing the digit, press the F/W key

f.   if you make a mistake, just press the "Down MHZ" key and place
        will move back one space.

g.   You do NOT need to fill all six digit placements. Press the F/W once,
         then again and the word "see" will disappear and that label/freq
         stored on a memory channel.

h.   when finished repeat all steps from step b.

**NEXT CHEAT SHEET ADDITIONDS COMING SOON: How to auto conserve
TX/RX power while rig remain on and in sleep mode and will awaken if signal
present. Also turning off display light to only turn on when selecting freq. or
transmitting. BIG power saver.**

Frank NG1I
"Never Give 1 Inch"