Essential Programming Information for the Kenwood TM-V71A

To reset the radio from unusual settings:

1. <u>If you've locked the radio</u> (the KEY indicator is visible on the lower right of the display), press and hold the **"F"** button for one second to unlock it. The KEY indicator disappears.
2. If you the frequency display is <u>only on the left half or right half of the radio</u>, you've disabled half of the radio. **Press in BOTH volume knobs simultaneously** and hold for one second until both sides of the display are active.

To select a VHF frequency (144-148 MHz)

- <u>Momentarily press in the Left volume knob</u> (to select the left side of the display). The PTT and CTRL indicator should move to the left side of the display.
- Press the **MNU** button on the left side of the display to select VFO (Variable Frequency Oscillator) mode. The memory channel number should disappear.
- **Tune** (rotate) the **MNU** knob to the desired receive frequency.
- To speed the tuning and change the Megahertz digit, **press in the MNU knob** and rotate the MNU knob left or right. Notice the Megahertz digit (before the decimal point) changes.

To select a UHF frequency (440-450 MHz)

- **Momentarily press in the Right volume knob** (to select the right side of the display). The PTT indicator should move to the Right.
- Press the **MNU** button on the left side of the display. The memory channel number should disappear.
- **Tune** the MNU knob to the desired receive frequency.
- Same as with the VHF frequency, you can **press in the MNU knob.**

To select the Transmit Power Level

- Press the **LOW** button. The Power level indicator cycles from **H** to **M** to **L**, then back to **H**
- It is suggested you set it to LOW power initially, then adjust as needed to establish contact. In case the antenna is disconnected or not working well, you can damage the radio on high power.

To select the Transmit Offset

- **Tap the "F" key** momentarily (do not hold it in, as that's the Lock function)
- Press the **REV/SHIFT** key to change the transmit offset. Repeat this sequence up to three times to cycle through Simplex (no shift), Plus and Minus. For UHF, you want a Plus offset.

To select the PL tone mode (turn PL/CTCSS/Subaudible encode on)

- Press the **TONE** button once.
- You may need to press TONE more than once to cycle through the choices. (NONE > "T" > "CT" > "DCS") Select "T".

To select the PL tone frequency (Tone Select). Note: You must enable the PL tone above before you can set the PL frequency.

- **Tap the "F" key** momentarily.
- Press **TONE/T.SEL** to select the Tone Select function.
- **Rotate the MNU knob** to select the proper PL tone.
- Tap **TONE/T.SEL** to resume normal operations. To not tap "F" instead, as the change will not happen.

To save the VFO settings into memory

- <u>Make sure you are in VFO mode first</u>, then program the frequency, offset and PL tone.
- **Tap the "F"** button. Notice the number (memory channel) directly above the little triangle (on the right portion on the active side of the display) flashes.
- **Rotate the MNU knob** to select the desired memory channel to save the settings. If there is a little triangle pointing up under the memory channel number, which means that memory channel already has information programmed into it. If you desire, you can overwrite and replace the information on that memory channel, or select a new memory channel does not have existing information.
- Press **M.IN** on the left side of the display to write the VFO settings (Frequency, Offset, PL) to memory.

Optional: To copy the settings from memory channel into the VFO

- Press the **MR** button on the left side of the display to select memory channel mode.
- **Rotate the MNU knob** to select the desired memory channel.
- Press **"F"** button, then the **M.V** button on the left side of the display to write the memory channel settings (Frequency, Offset, PL) to VFO.