

Essential Programming Information for the Kenwood TM-V71A

To reset the radio from unusual settings:

1. If you've locked the radio (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 only on the left half or right half of the radio. 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)

- Momentarily press in the left volume knob (to select the left side of the display). The PIT and CTRI 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 PIT 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.
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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 PI tone mode (turn PI/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.SEI to select the Tone Select function.
- Rotate the MNU knob to select the proper PL tone.
- Tap TONE/T.SEI to resume normal operations. Do not tap "F" instead, as the change will not happen.

To save the VFO settings into memory

- Make sure you are in VFO mode first. 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, PI) to VFO.

Basic operation of the Kenwood TM-V71

The Kenwood TM-V71 is a dual receive radio that allows you to monitor two frequencies at a time.

(Bold print items indicate a button to press); (*Italic* print items indicate an on-screen item)

There are two band select buttons on the right-hand side of the radio. These are referred to as [BAND SEL] in this document. The large button on the left-hand side of the radio is referred to as [TUNING] in this document.

Toggling the dual receive function:

1. Press and hold desired [BAND SEL] button.
2. If it's in single mode, one band will appear on the screen.
3. If it's in dual mode, both bands will appear on the screen ..

Note: "*CTRL*" indicates which band you are operating. "*PIT*" indicates which band you will transmit on. To switch sides, push the desired [BAND SEL] button.

Changing bands:

1. Press [F] and [BAND SEL]. Continue pressing until desired band is available.

Entering a frequency:

1. Enter VFO mode by pressing [VFO].
2. Rotate the [TUNING] dial until the desired frequency is displayed.

Setting duplex (+/-):

Press [F] [REV] to cycle (+)/(-)/off.

(off for simplex)

Entering PL tone:

1. Press [TONE] button.
2. Keep pushing [TONE] to cycle through the options:
 - o "T"=TONE
 - o "*CT*" = CTCSS
 - o "*DeS*" = DCS
 - o None = No Tone

Saving frequency (and settings) to memory channel:

1. Press [VFO], enter frequency and set parameters as described above.
2. Press [F]. A memory channel number flashes at the top right of the band screen.
3. Rotate [TUNING] to select the desired channel number.
4. Press [MR] to store the data in the selected memory channel.

Naming memory channel:

1. Press [MR] button to enter Memory Recall mode.
2. Rotate the [TUNING] button to select the desired memory channel.
3. Press [F] [TUNING] to enter menu mode.

4. Rotate the [TUNING] dial until "200" is flashing. Then push [TUNING] to select the value.
5. Rotate the [TUNING] dial to the desired character, then push [TUNING] to select it. The cursor will advance to the next digit.
6. Repeat step 5 to enter the remaining characters. To move the cursor back or forward, press [REV] (+-) or [LOW] (-+). To delete the selected character, press [PFI] (CLR).
7. When finished entering characters, press [F] to save and exit.

Switching memory name and frequency display:

You can switch the display between the memory name and the stored frequency to confirm its settings.

1. Press [MR].
2. Push [TUNING] to toggle the memory name and stored frequency.

Changing power level:

1. Press [LOW] to toggle low (*L*), medium (*M*), and (*H*) power.
Note: power setting is not stored in memory channels.