Basic Operation

Turn the Power ON and OFF

Rotate the PWR/VOL knob out of the click-stop to turn the transceiver ON. The current DC supply voltage will be shown on the display for two seconds. After the two second interval, the display will commence the normal operating frequency indication.

Changing between VFO mode and Memory mode

Press the [V/M] key repeatedly to toggle the frequency control between the VFO mode and the Memory mode. For details on Memory channels, see “Setting the Memory Channels” on the back page.

Selecting the Operating Band

Press the [#BAND] key repeatedly to change the operating frequency between the 144 MHz Band, the 430 MHz Band, and the 95 MHz (FM Radio Broadcast) Band. Frequency ranges are shown in the table.

<table>
<thead>
<tr>
<th>Frequency Range (MHz)</th>
<th>USA version</th>
<th>EU version</th>
<th>Asian version</th>
</tr>
</thead>
<tbody>
<tr>
<td>RX TX RX TX</td>
<td>136-174</td>
<td>136-174</td>
<td>136-174</td>
</tr>
<tr>
<td>RX TX RX TX</td>
<td>144-148</td>
<td>144-146</td>
<td>144-146</td>
</tr>
<tr>
<td>RX TX RX TX</td>
<td>400-480</td>
<td>400-480</td>
<td>400-480</td>
</tr>
<tr>
<td>RX TX RX TX</td>
<td>430-450</td>
<td>430-440</td>
<td>430-440</td>
</tr>
</tbody>
</table>

Frequency Navigation

1. Tuning Frequency

Pressing the [] key tunes the FT-65R/E toward a higher frequency, while pressing the [] key will lower the operating frequency, in steps preprogrammed for the current operating band.

2. Direct Keypad Frequency Entry

The operating frequency may be entered directly from the keypad by pressing the numbered digits on the keypad in the proper sequence.

Example:


*There is a short-cut to enter frequencies ending in zeros - after the last non-zero digit, press and hold the [F] key to enter the remaining zeros.

3. Scanning

Manual VFO Scan:

To manually initiate VFO scanning, press and hold either the [] or [] key to begin upward or downward scanning, respectively.

Programmed Mode VFO Scan:

To begin scanning within a limited sub-band range from the VFO mode, press and hold the [#BAND] key to select the bandwidth for the Programmed Mode (VFO) scanner. Then press the [F] key and the [#BAND] key to start scanning.

Transmission

To transmit, press the PTT switch, and speak into the front panel microphone (located in the lower left-hand corner of the speaker grille) in a normal voice level. The TX/BUSY indicator will glow red during transmission.

Activating the Set Mode

Use the following procedure to activate the Set Mode and configure the transceiver parameters.

1. Press and hold the [F] key to enter the Set mode.
2. Repeatedly press the [▲] or [▼] key to select the Set Mode Item to be adjusted.
3. Press the [F] key momentarily to enable adjustment of the Set Mode Item.
4. Press the [▲] or [▼] key to adjust the level, or choose the parameter, of the selected Set Mode Item.
5. After completing the selection and adjustment, press the PTT switch to save the new setting and exit to normal operation.
Setting the 4 Quick Recall Keys

The four keys (P1, P2, P3 & P4) are user programmable.

1. While operating in the VFO mode or the Memory mode, press the [▲] or [▼] key to enter the memory channel mode.
2. Press the [▲] or [▼] key to select the desired memory channel.
3. Press the [▲] or [▼] key to select the desired menu item.
4. Press the [▲] or [▼] key to lock the keys and switches.

Setting the Memory Channels

1. Memory Storage
   1. Select the desired frequency, while operating in the VFO mode.
   2. Be sure to set the SET RESET or DSSS keys, as well as any desired repeat offset or channel number.
   3. The new memory channel will be displayed automatically.
2. Memory Recall
   1. While operating in the VFO mode, press the [▲] or [▼] key to enter the memory channel mode.
   2. Press the [F1] key to select the desired memory channel number.
   3. Press the [F2] key to store the frequency and settings into the selected memory channel.

Setting the Preferred Operating Mode

The following reset or preferred operating modes may be selected.

1. FI SET RESET
2. F2 MEM RESET
3. F1 SET RESET
4. F4 ALL RESET
5. F8 DUAL DISP
6. F5 MEM ONLY
7. F6 VHF ONLY
8. F7 UHF ONLY
9. F9 CLONE

Changing the Transmit Power Level

1. Press the [F1] key and then press the [PTT] key.
2. Set the power level to the desired output level.
3. Press and hold the [PTT] key to store the selected power output level.

Locking the Keys and Switches

The following locking schemes may be selected.

1. Press and hold the [PTT] key to enter the Set mode.
2. Press the [F1] key to select item "KEY LOCK".
3. Press the [EMERGENCY] key to activate the adjustment of the [EMERGENCY] key.
4. Press the [F1] key to select item "KEY LOCK".
5. Press the [PTT] switch to save the new setting and return to normal operation.

Using the Flash Light / the Emergency Alarm

1. Press the [EMERGENCY] key to turn on the LED Flash Light.
2. Press the [PTT] switch to turn off the LED Flash Light.

The Emergency Alarm

The FT-65R/E keypad may be locked to prevent accidental frequency change or inadvertent transmissions.

Turning the Keylock Feature ON and OFF

Press and hold the [PTT] key to lock the switches.

Change the key locking scheme

The following locking schemes may be selected.