ABOUT HM-133S (for IC-2100 series)

The supplied microphone HM-133S is redesigned from the HM-98S. The functions of HM-133S are instructed in this sheet. Please refer to following information.

* The number in ( ) indicates the instruction’s page number.

1. KEYPAD
   - Push to accessible the first function of keys.
   - Used for controlling the transceiver, transmitting a DTMF signals, etc. See back page for function details.

2. ACTIVITY INDICATOR
   - Lights red while any key is pushed (except [FUNC] or [DTMF-S]).
   - Lights red while transmitting.
   - Lights green while the one-touch PTT function is in use.

3. UP/DOWN SWITCHES
   - Push either switch to change the operating frequency, memory channel, set mode contents, etc. (pgs. 15, 26)
   - Push either switch for 1 sec. to start scanning. (p. 37)

4. PTT SWITCH
   - Push for 1 sec. to transmit; release to receive.
   - Toggles between transmitting and receiving while the one-touch PTT function is in use. (p. 20)

5. VFO/LOCK SWITCH
   - Push to select VFO mode.
   - Push for 1 sec. to toggle the lock function ON and OFF. (p. 14)

6. MEMORY/CALL SWITCH
   - Push to select memory mode. (p. 26)
   - Push for 1 sec. to select call channel. (p. 32)

7. NULL SWITCH [B]
   - No function.

8. FUNCTION SWITCHES (p. 57)
   - Assign your desired key function from the front panel switches.

9. DTMF MEMORY SELECT SWITCH [DTMF-S]
   - Push to accessible the third function of keys.
   - Turns the DTMF encoder ON and OFF.
   - When DTMF encoder is activated, function indicator lights green.
   - See back page for function details.

10. FUNCTION SWITCH [FUNC]
    - Push to accessible the second function of keys.
    - Push again to cancel it.
    - When accessible the secondary function, function indicator lights orange.
    - See back page for function details.

11. FUNCTION INDICATOR
    - Lights orange while [FUNC] is activated—indicates the second function of switches can be accessed.
    - Lights green when [DTMF-S] is activated—DTMF signals can be transmitted with the keypad.
### Microphone keypad

* The number in ( ) indicates the instruction’s page number.

<table>
<thead>
<tr>
<th>KEY</th>
<th>FUNCTION</th>
<th>SECONDARY FUNCTION ( +key)</th>
<th>OTHER FUNCTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MON1</td>
<td>Toggles between opening and closing the squelch.</td>
<td>No secondary function.</td>
<td>No secondary function.</td>
</tr>
<tr>
<td>SCAN2</td>
<td>Starts and stops scanning. (p. 37)</td>
<td>No secondary function.</td>
<td>Turns the one-touch PTT function ON and OFF. (p. 20)</td>
</tr>
<tr>
<td>PTTM PROG 3</td>
<td>Starts and stops priority watch. (p. 42)</td>
<td>Turns the DTMF memory encoder function ON. (p. 44)</td>
<td>Turns the subaudible tone encoder ON. (p. 21)</td>
</tr>
<tr>
<td>HIGH 4</td>
<td>Selects high output power. (p. 19)</td>
<td>No secondary function.</td>
<td>Turns the pocket beep function ON. (p. 46)</td>
</tr>
<tr>
<td>MID 5</td>
<td>Selects mid output power. (p. 19)</td>
<td>No secondary function.</td>
<td>Turns the tone squelch function ON. (p. 46)</td>
</tr>
<tr>
<td>DTMF LOW 6</td>
<td>Selects low output power. (p. 19)</td>
<td>Turns the DTMF memory encoder function ON. (p. 44)</td>
<td>Turns the subaudible tone encoder ON. (p. 21)</td>
</tr>
<tr>
<td>TONE DUP-7</td>
<td>Selects –duplex. (p. 21)</td>
<td>Turns the subaudible tone encoder ON. (p. 21)</td>
<td>Turns the pocket beep function ON. (p. 46)</td>
</tr>
<tr>
<td>TSLQ会话 9</td>
<td>Selects +duplex. (p. 21)</td>
<td>Turns the pocket beep function ON. (p. 46)</td>
<td>Turns the tone squelch function ON. (p. 46)</td>
</tr>
<tr>
<td>TONE-0</td>
<td>Selects simplex. (p. 21)</td>
<td>Turns the pocket beep function ON. (p. 46)</td>
<td>Turns the tone squelch function ON. (p. 46)</td>
</tr>
<tr>
<td>CLR A</td>
<td>No primary function.</td>
<td>While being pushed, transmits a 1750 Hz tone. (p. 22)</td>
<td>After [CLR] is pushed: Transmit the appropriate DTMF code. (pgs. 22, 45)</td>
</tr>
<tr>
<td>D-SWT SET B</td>
<td>Enters set mode and advances the set mode selection.</td>
<td>DTMF memory OFF.</td>
<td>Push [0] to [9], [A] to [D] to transmit the DTMF memory contents when the DTMF memory encoder is activated. (p. 44)</td>
</tr>
<tr>
<td>T-OFF ENT C</td>
<td>• Sets the keypad for numeral input. (p. 17)</td>
<td>Turns the subaudible tone encoder, pocket beep or tone squelch OFF. (pgs. 21, 46, 47)</td>
<td>[A] to [D] to transmit the DTMF memory (p. 44)</td>
</tr>
<tr>
<td>D</td>
<td>No primary function.</td>
<td>Mutes the audio. (p. 18)</td>
<td>Mute function is released when any operation is performed.</td>
</tr>
<tr>
<td>#</td>
<td>No primary function.</td>
<td>Locks the digit keys on the keypad (including the A–D, # and * keys). (p. 14)</td>
<td>After [D] is pushed: Transmit the appropriate DTMF code. (p. 45)</td>
</tr>
<tr>
<td>*</td>
<td>No primary function.</td>
<td>Sends a 1750 Hz tone signal for 0.5 sec. (p. 22)</td>
<td></td>
</tr>
</tbody>
</table>