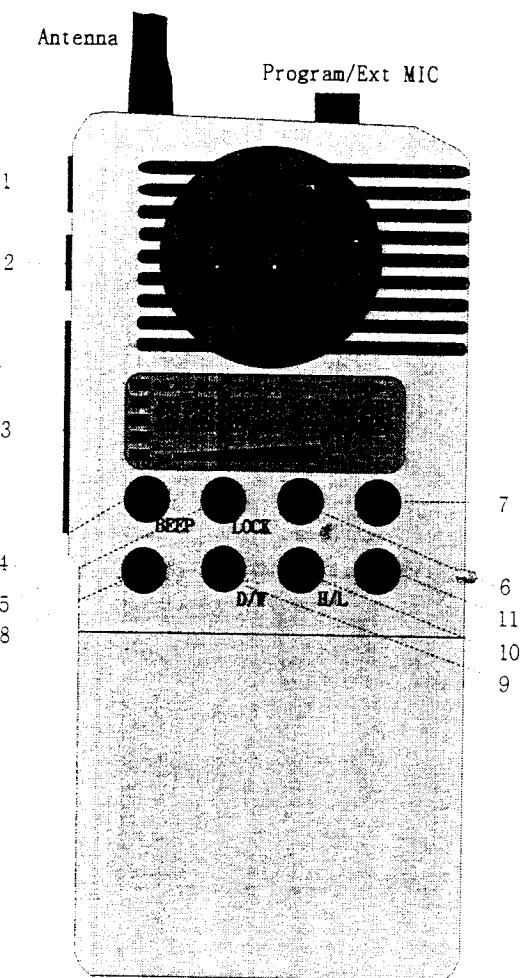


G M D S S
(GMD-150)

OPERATING MANUAL

WOOJIN E & T CO., LTD



1. POWER KEY
2. MONITOR KEY
3. PTT KEY
4. LAMP(BEEP) KEY
5. CH(LOCK) KEY
6. 16 KEY
7. UP KEY
8. FUNCTION KEY
9. SQUELCH(D/W) KEY
10. VOLUME (H/L) KEY
11. DOWN KEY

1-2. Last Used Data Save

When the radio is in "POWER ON" and if you press PWR key for about 1 second, power is turned off after last used data such as channel number, volume level, squelch level is saved. Each channel TX power level, key lock status, & each channel scan status are saved automatically

(**. Please note that Dual Watch & Scan mode are not saved when power is turned off.)

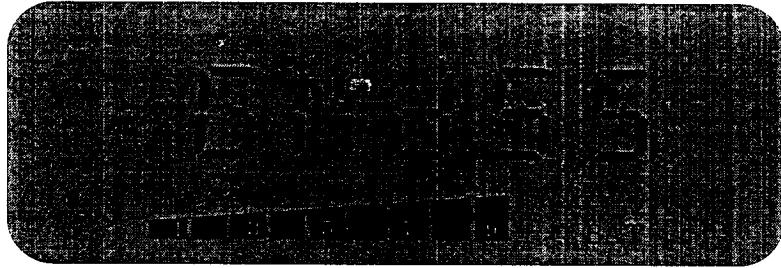
1-1. POWER KEY

If you press PWR key for about 1 second, power is turned on.

While melody tone goes off, battery level will be shown on the LCD display. After displaying the user name programmed on LCD display, the radio unit automatically goes into RX STAND BY state.

When you press PWR key for more than 1 second in the state of power on, power will be turned off with power off beep tone.

*. Power On LCD display



2. TX Operation according to each state happened.

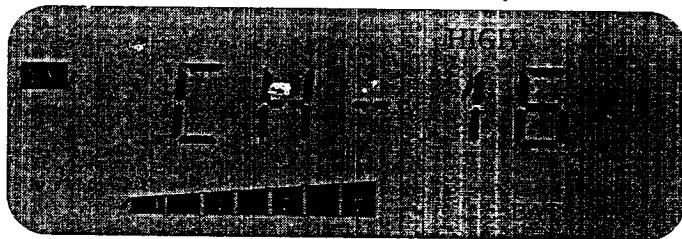
2.1 State of RX or RX-stand by(except scan mode and dual watch mode.)

Pressing PTT key enters TX mode, and otherwise RX OR RX stand-by mode remains.

When transmitted, TX power(HIGH or LOW), & Battery level is displayed on LCD panel.

ex) current Channel : 16, TX Output Power : High

Key Lock status : no, Battery Level : 7

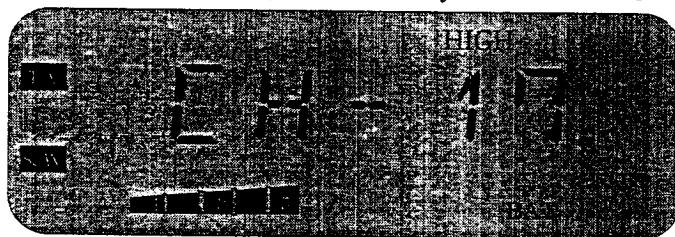


2.2 In Scan mode :

While working on scan mode and scan delay time, pressing PTT key will interrupt the scan mode into a transmission mode. In other cases, the radio can transmit with the channel used before scan starts.

ex) RX Channel : 17, TX Output Power : High

Key Lock status : no, Battery Level : 5



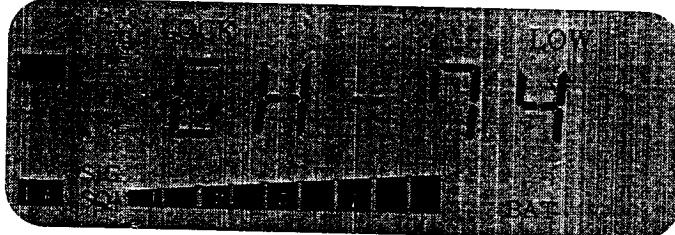
2.3 IN Dual Watch :

When PTT key is pressed in the state of receiving or scan delay time, the transmission occurs on the channel occupied by receiving . Otherwise transmission occurs on the channel having been used before.

In other cases, the current channel(not channel 16)

is taken for transmission.

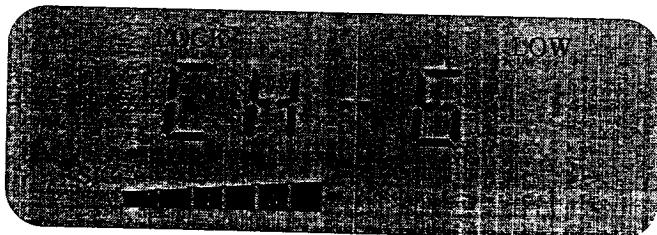
ex) Received Channel : 74, TX Output Power : Low
Key Lock status : Yes, Battery Level : 9



2.4 RX Stand by operation

In case of RX stand-by operation, a current used channel, TX output power status, and current signal level are shown on the LCD display.

ex) current Channel : 6
TX Output Power : Low
Key Lock status : Yes
Signal Level : 6



2.5 RX Busy in operation

During RX busy condition, audio is heard and RX icon, TX output power, key lock status, & signal level is displayed on LCD panel.

3. Channel Change operation

3.1 IN RX or RX STAND BY(except Dual Watch and Scan mode) :

When CH key is pressed, key beep tone is heard with flickering “CH” letter on LCD panel. By then pressing “up” key or “down” key increases or decreases channel no. gradually.

If “up” key or “down” key is pressed and held, the channel is increased or decreased at high speed.

In channel change mode, (in case of flickering “CH” letter on LCD)

* When “CH” key is pressed, channel change mode is escaped.

A current channel(changed channel) will turn to RX stand by.

*When “SQ” key is pressed, turns to Squelch level change mode.

*When “VOL” key is pressed, turns to volume level change mode.

*When “16” key is pressed, turns to RX stand by of channel 16, while generating a key beep tone.

*When “MON” key is pressed, monitoring works without the beep tone.

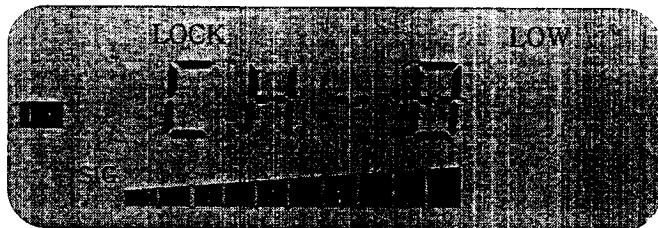
In channel change mode(in case of flickering “CH” letter)

If you don't press any key for 4 seconds, the channel change mode is escaped and the current channel turns to RX stand by.

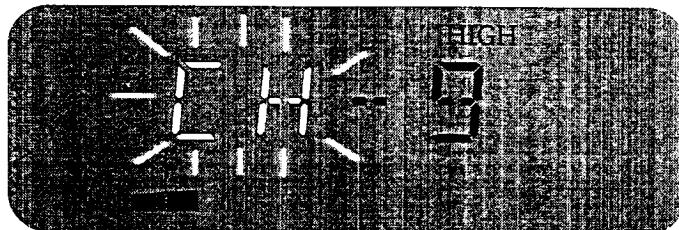
3.2 In Dual Watch/Scan mode :

When the CH key is pressed in dual watch or scan mode, an error tone is heard. A current mode(either dual watch or scan mode) is kept.

ex) Current Channel : 8
TX Output Power : Low
Key Lock status : Yes
Signal Level : 10



Ex) Current Channel : 9 TX Output Power : HIGH
Key Lock status : NO, Signal level : 2



4. Channel option setting

4.1 State of RX or RX stand by (In case of not Dual watch nor scan mode)

When "CH" key is pressed and held about 1 second, a key beep tone is heard. A radio unit comes to be on the channel option setting mode.

(Pressing "up" or "down" key makes the channel scan status on/off.)

In channel option setting mode.

- When "CH" key is pressed, a radio unit turns to RX - STAND BY of a current channel.
- When "SQ" key is pressed, a key beep tone is generated and a radio unit turns to the squelch level change mode.
- When "VOL" key is pressed, a key beep tone is generated and a radio unit turns to the volume level change mode.
- When "16" key is pressed, a key beep tone is generated, the radio unit turns to the RX-STAND BY of the channel 16.
- When "MON" key is pressed, monitoring works without a beep tone.

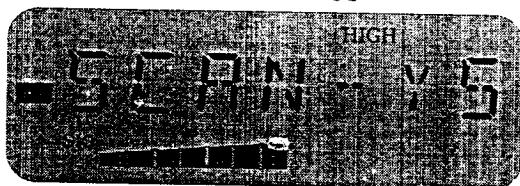
If you don't press any key for 4 seconds, the radio puts to RX-stand by in the channel option setting mode.

In the channel option setting mode, the RX function still works.

4.2 The state of dual watch/scan mode

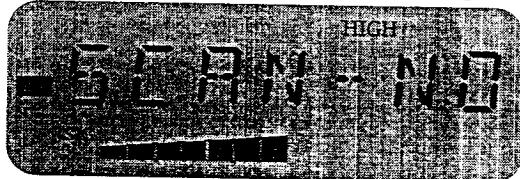
When “CH” key is pressed in dual watch or scan mode, a current mode remains with generating the error tone.

ex) current Channel : 10, TX Output Power : High,
Key Lock status : no, Signal Level : 7
Scan status : Yes



When “UP” or “DOWN” key is pressed on the above condition,

“YES” or “NO” letter on LCD panel is displayed repeatedly.



5. Volume Level Change operation

5.1 The state of RX or RX stand by (Including dual watch & scan mode)

When “VOL” key is pressed, “VOL ICON” is displayed on LCD panel with a key beep tone and the preset volume level is displayed on LCD panel.

Then if you press “UP” key or “DOWN” key, the volume level is increased or decreased without a key beep tone (Total 30 steps, 3 steps/level bar).

In the RX-stand by, when “UP” or “DOWN” key is pressed, the radio unit turns to the volume level change mode.

6. S q u e l c h L e v e l C h a n g e o p e r a t i o n

6.1 The state of RX or RX-stand by

(Including the dual watch & the scan mode)

When “SQ” key is pressed, “SQ” icon is displayed on LCD panel with a key beep tone and the preset squelch level is displayed on LCD. Then if “UP” or “DOWN” key is pressed, the squelch level is increased or decreased with a key beep tone.(Total 10 steps, 1 step/level bar)

When “UP” or “DOWN” key is pressed and held about 1 second, the squelch level is increased or decreased rapidly.

In the squelch level change mode(The state of displaying “SQ” icon on LCD panel)

- When “SQ” key is pressed, the key squelch level change mode is escaped, and the radio unit turns to the RX-stand by of a current channel.
- When “VOL” key is pressed, a key beep tone is heard and the radio unit turns to the volume level change mode.
- When “CH” key is pressed, a key beep tone is heard and the radio unit turns to the squelch level change mode.
- When “16” key is pressed, a key beep tone is heard and the radio unit turns to the RX stand by of channel 16(Emergency channel).
- When “MON” key is pressed, monitoring works without generating a beep tone.

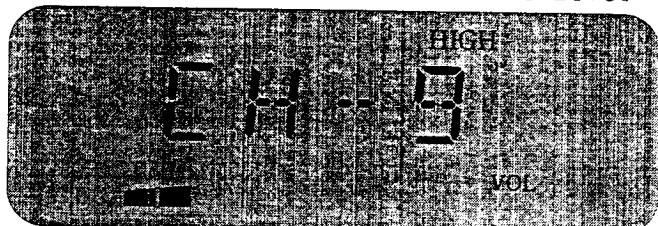
If you press and hold "UP" or "DOWN" about 1 second, the volume level is increased or decreased rapidly.

In the volume level change mode (In the state of displaying "VOL" icon on LCD panel.)

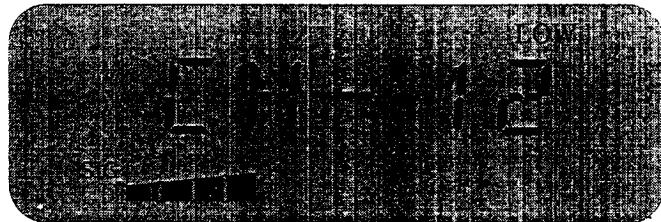
- When "VOL" key is pressed, the volume level change mode is escaped and the radio unit turns to the RX-stand by of a current channel.
- When "SQ" key is pressed, the radio unit turns to the squelch level change mode.
- When "16" key is pressed, the radio unit turns to the RX-stand by of channel 16 (Emergency channel).
- When "MON" key is pressed, monitoring works without a beep tone.

If you don't press any key for 4 seconds, a key beep tone is heard and the radio unit turns to RX-stand by of a current channel. (The volume level change mode goes back to the preset volume level.)

ex) current Channel : 9, TX Output Power : High
Key Lock status : no, Volume Level : 2



“H/L(VOL)” key consecutively, the TX output power will be in low, the “LOW” icon is displayed on LCD panel.



7.2 In Dual Watch/Scan mode :

When you press “FUNC” key and “H/L(VOL) key consecutively, the error tone is heard and a current mode remains.

8. Dual watch

8.1 In RX and RX-stand by

8.1.1. Entering to the dual watch mode :

When you press “FUNC” key and “D/W(SQ) key consecutively, the dual watch mode starts to work(D/W icon is displayed on LCD panel).

8.1.2. In the dual watch mode

When you press “FUNC” key and “D/W(SQ)” key consecutively, the dual watch mode is escaped(D/W icon disappears on LCD display) and the radio unit turns to the RX-stand by of a current channel.

8.1.3. In the scan mode

When “ FUNC” key is pressed and then “D/W” key is pressed, an error beep tone is generated.

8.1.4. In RX or RX-stand by, not in the dual watch/scan mode

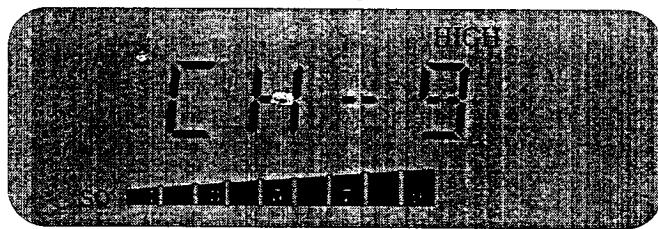
If you press “FUNC” key and “D/W(SQ)” key consecutively, the radio unit turns to the dual watch mode after “D/W” icon is displayed on LCD panel.

8.1.5. Except above setting modes, if you press “ FUNC” key and

In the squelch level change mode(The state of displaying "VOL" icon on LCD panel), if you don't press any key for 4 seconds, the squelch level change mode is expired and the radio unit turns to the RX stand by of a current channel while generating a key beep tone. (The squelch level change mode goes back to the preset volume level.)

ex) current Channel : 9, TX Output Power : High

Key Lock status : no, Squelch Level : 9



7. TX Output Power High / Low control

7.1 In the state of RX or RX-stand by (In case of not dual watch nor scan mode)

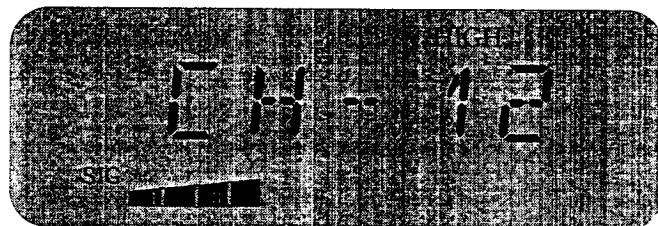
Whenever you press "FUNC" key and "H/L(VOL)" key consecutively, the TX output power of a current channel is displayed on LCD panel and "HIGH/LOW" icon is flipping.

The setting TX output power is adjusted during the transmission.

ex) current Channel : 12, TX Power : High

Key Lock status : no, Signal Level : 4

Busy status : Yes



In the above condition, if you press "FUNC" key and

for a short time and the current channel is monitored. If you release “MON” key, the dual watch mode reverts to dual watch mode.

8.2.5.4. If you press “SQ” key, a key beep tone is generated and the dual watch mode remains. The radio turns to the volume level change mode.

8.2.5.5 If you press “VOL” key, a key beep tone is generated and the dual watch mode remains. The radio unit turns to the volume level change mode.

8.2.5.6. If you press “16” key, a key beep tone is generated and the dual watch mode expires(D/W icon disappears on LCD panel). The radio unit turns to the RX stand by of CH 16(Emergency channel).

8.2.5.7 When “PWR” key is pressed and held about 1 second, power will be off.

8.2.5.8. When “LAMP” key is pressed, the back light is illuminated on LCD.

8.2.5.9. If you press other key except above keys, an error tone is heard and the current condition remains.

** When you do not receive from any channel under the dual watch, the current channel and CH 16 are flipping on LCD panel every 1 second.

ex) Dual Watch mode display

Display Channel : 20

Busy status : not

Current Channel(CH 20) Signal Length : 3

Display Channel TX Output Power : Low

press “D/W(SQ)” key consecutively, the error tone is generated and the current mode remains.

8.2. Dual watch mode operation

8.2.1. In the state of RX-stand by,

The current channel and Ch 16 are alternatively watched under the preset scan speed time.

8.2.2. When the current channel is receiving during the dual watch, as CH 16 is monitored every look back time, a current channel is received simultaneously.

8.2.3. In the case of receiving CH 16 during the dual watch, CH 16 can be received until the receive signal disappears.

8.2.4. When the receive signal on a current channel or CH 16, disappears, the radio on the channel occupied stands by for on-coming signal by the preset scan delay time.

If a signal does not appear before the scan delay time expires, the radio reverts to dual watch reworks.

8.2.5. In operating a dual watch

8.2.5.1. If you press “FUNC” key and “D/W(SQ)” key consecutively, a key beep tone is generated and the dual watch mode is escaped(D/W icon disappears on LCD panel), the radio unit turns to RX stand by of a current channel (D/W icon disappears on LCD panel).

8.2.5.2 If you press “PTT” key during receiving or while in the scan delay time, the received channel transmits, or otherwise the current channel(CH 16) transmits.

8.2.5.3. If you press “MON” key, the dual watch mode stops

(Scan icon disappears on LCD panel). The radio units turns to the RX stand by of the current channel(stopped channel in scan).

- While “DOWN SCAN” is operating, if you press “UP” key, a key beep tone is generated and the scan direction is changed to UP scan.

In RX or RX-stand by(In case of not being in the dual watch/scan mode)

If you press “FUNC” key and “UP” key consecutively, a key beep tone is generated and “SCAN ICON” is displayed on LCD panel and then the radio unit turns to the UP scan mode.

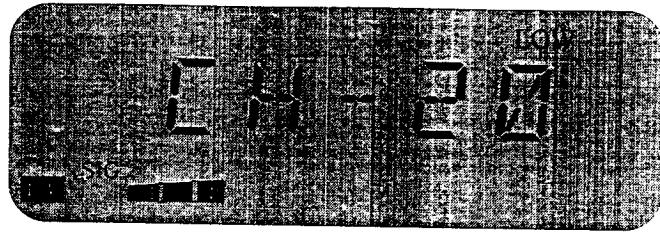
If you press “FUNC” key and “DOWN” key consecutively, a key beep tone is generated and “SCAN ICON” is displayed on LCD panel. And then the radio unit turns to the Down scan mode. (When the preset scan list does not work to enable any channel, “EMPTY” message is displayed on LCD panel and a error tone is generated. The current condition remains.)

9.2 Scan mode operation :

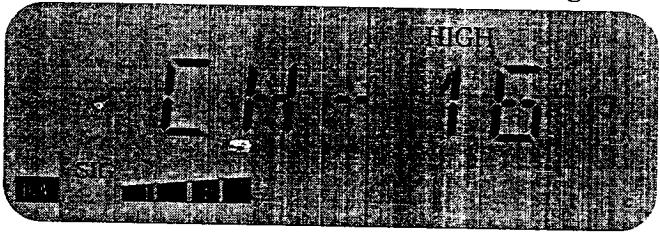
- 9.2.1. In the RX-stand by, the current channel turns to next channel
- 9.2.2. by the preset scan speed time.(The channel enabled in the
- 9.2.3. scan mode can be scanned.)

- 9.2.2. When a signal is received on a certain channel during the
10. scan operation and then the signal disappears,
the radio units stands by on the channel
received during the preset scan delay time.

If a signal does not appears before the scan delay time goes by, the scan repeats.



Display Channel : 16
Busy status : no
Current Channel(CH 16) Signal Length : 4
Display Channel TX Output Power : High



9. Scan

9.1 In the state of RX or RX-stand by :

9.1.1 In case of being in the Dual Watch mode :

If you press "FUNC" key and "UP" key consecutively, an error beep tone is generated.

If you press "FUNC" key and "DOWN" key consecutively, an error beep tone is generated.

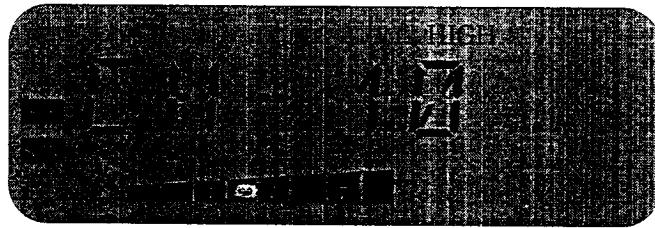
9.1.2 In case of being on the Scan mode :

- While "UP SCAN" works, if you press "UP" key, a key beep tone is generated and the scan mode operating is expires. (Scan icon disappears on LCD panel). The radio unit turns to the RX stand by of the current channel.

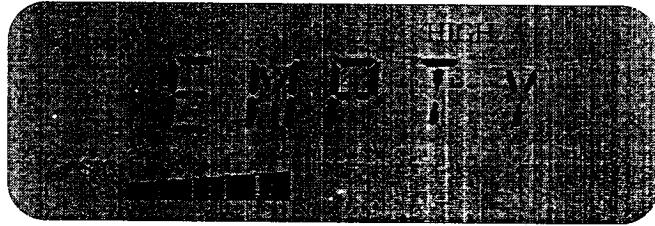
- While "UP SCAN" works, if you press "DOWN" key, a key beep tone is generated and the scan direction is changed to the DOWN scan.

- While "DOWN SCAN" works, if you press "DOWN" key, a key beep tone is generated and the operation of scan mode expires.

EX) Current Channel : 10
Current Channel : 10
Busy status : Yes
Current Channel Signal Length : 8
Current Channel TX Output Power : HIGH



Scan Channel Empty Message



9.2.3 In Scan operation

- When the FUNC and D/W(SQ)Key is consecutively pressed, a error tone is generated.

When the PTT Key is pressed during receiving or Operating Scan Delay time. Audio signal is transmitted on the same channel as employed for receiving. Audio signal is otherwise transmitted on the channel employed before scan is operated.

- When SQ key is pressed, Key Beep tone is generated, and keeping Scan mode on. The radio unit simultaneously turns to squelch level change mode.
- When the VOL Key is pressed, a Key beep tone is generated and Scan mode remains turned to the volume level change mode.
- When the 16 key is pressed, a key beep tone is generated and Scan mode expires(Scan icon disappears). Turns to the RX STAND BY of CH 16 (Emergency CH)
- When the Power key is pressed about 1 second, Power is off.
- When the Lamp Key is pressed, the Back-light is illuminated in LCD.

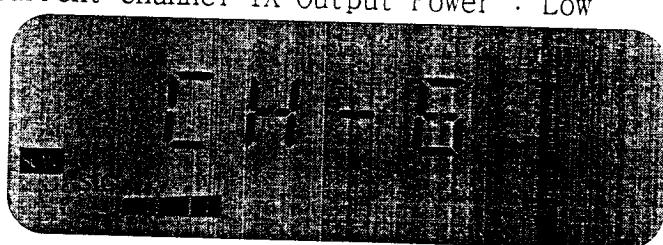
ex) Scan mode display

Current Channel : 6

Busy status : not

Current Channel Signal Length : 3

Current Channel TX Output Power : Low



10. Monitor operation

10.1 In RX or RX-stand by(except Dual Watch/Scan mode) :

When the MON Key is pressed, a Key Beep tone is not heard, and Audio is opened regardless of current channel in Busy condition. (While the MON Key is pressed, the above operating works continuously.)

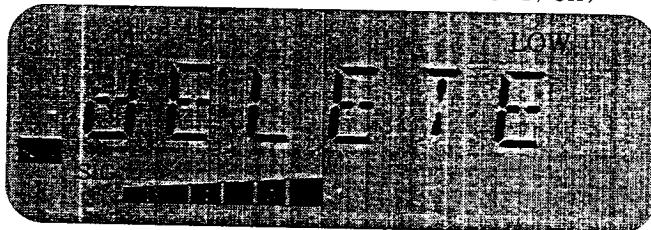
10.2 Dual Watch mode :

When MON Key is pressed, The Dual Watch mode is suspended and in the case of Current Channel (CH16) is monitored.(the above operation is the same as the monitoring in RX or RX STANDBY). If the MON Key is released, The Dual Watch mode returns.

10.3 Scan mode :

While a certain channel is receiving a signal or the radio unit is on RX stand by in operating Scan Delay time. when the MON key is pressed, a Key Beep tone is generated and a current channel is removed on Scan list after displaying "Delete" Message.

(Original Scan List is returned after Power off/on)



While operating Scan without receiving any channel, if the MON Key is pressed, A Key Beep tone is generated and Scan continuously is proceeding.

10.4. Channel change mode :

When the MON Key is pressed, a current channel is monitored.

10.5 channel option setting mode:

When the MON Key is pressed, a current channel is monitored (Monitor operating is the same job in case of RX OR RX STAND BY)

10.6 volume level change mode

When the MON Key is pressed, a current channel is monitored (Monitor operating is the same in case of RX OR RX STAND BY)

10.7 Squelch level change mode

When the MON Key is pressed, a current channel is monitored.(Monitor operation is the same in case of RX OR RX STAND BY)

11. Back - Light control

In case of being in any condition, except TX mode.

When the LAMP key is repeatedly pressed, the Back light will be turned on and off.

After Back light is illuminated, if you don't press any others key (except PTT/MON key) for 4 seconds, the Back light is turned off.

If you press any others key(except PTT/MON/LAMP key) in 4 seconds, the back light is illuminated for 4 seconds.

When you press and hold "LAMP" key more than 1 second, if the back light is already turned on, the back light will be turned off, vice versa.

When the back light is turned on by pressing lamp key more than 1 second, the back light is not off until lamp key is pressed again.

12. Key Lock control

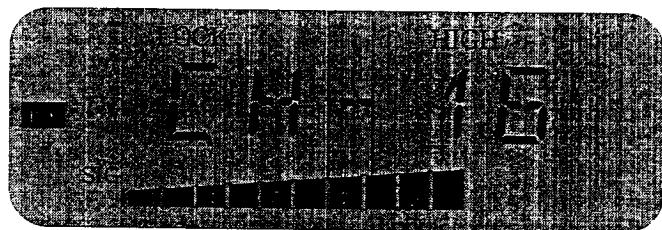
12.1 In the RX or RX - stand by, except the following TX mode, Dual Watch mode, Scan mode, Channel change mode, Volume Level change mode, squelch level change, monitoring and system option setting mode.

If you press "FUNC" key and "LOCK" (CH) key consecutively, a key beep tone is generated. If the key lock is already on the key lock will be off(lock icon disappears on LCK panel).

If the key lock is already off, the key lock will be on.
(Lock icon is displayed on LCD panel.)

12.1.1 In the key lock on

If you press other key except PTT/MON/FUNC & LOCK/PWR KEY, a error tone is generated. There is nothing to work at that time.



13. Beep Tone option control

Whenever you press “FUNC” key and press “BEEP(LAMP)” key consecutively, the beep tone option works or not.

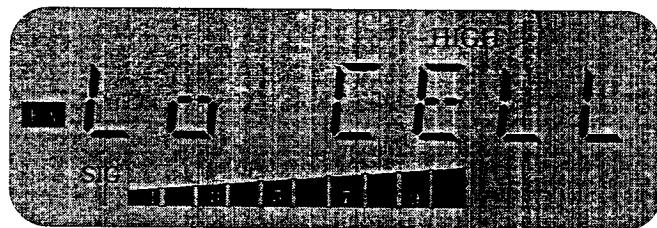
If the beep tone option is disabled, the key tone, error tone and power on/off tone is not generated.

14. Low Battery Detect & Display

14.1 RX mode Low Battery :

The “LO CELL” letter is displayed on LCD panel every 3 seconds under the presence of a low battery condition.

If you press “PTT” key to transmit in “RX mode LOW Cell”, it can be continuously transmitted until the battery is completely drained of power.



14.2. TX Mode Low Battery

While transmitting, if the battery level is in low condition, “LOW CELL” letter is displayed on LCD panel and low cell error tone is heard. And then the transmitting is halted and the radio unit turns to the RX mode.

If you press “PTT” key again to transmit, it can do transmission continuously until the battery is completely drained of power.

15. System option setting mode

If you press “FUNC” & “POWER” key in power off simultaneously, the power will be on. The radio goes to the system option setting mode.

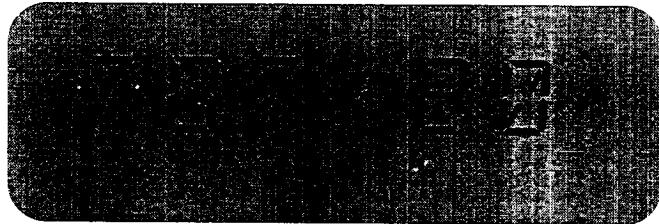
If you want to escape from the system option setting mode, press ‘PTT’ key, and the radio unit turns to self check routine after storing the edit data.

(If you press “PWR” key about 1 second, power will be off without storing the edit data.)

→

15.1 System option setting mode(Time-out-time setting mode)

The preset time of “TIME-OUT-TIMER” is displayed on LCD panel.



The time-out-timer limits the amount of transmission time to a preset length. At the end of this time, automatic transmitting expires and the radio reverts back to receive mode.

Since when transmitting starts, Time-out-timer measures the time. After “PTT” key is released to stop transmission, if you press “PTT” key again to transmit, Time-out-timer measures the time again from the beginning.

Default : off

Range : 10 sec ~ 990 sec

Step : 10 sec

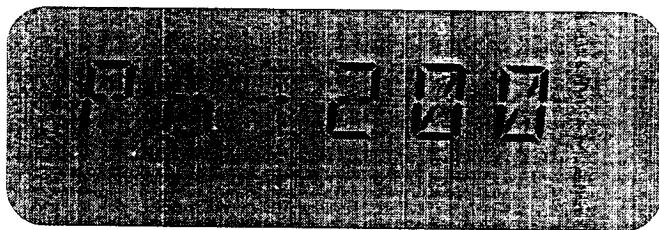
In Time-Out-Timer setting mode,

Whenever you press “UP” key, the time is increased by the step determined.

Whenever you press “DOWN” key, the time is decreased by the step

15-3. Power Save on time setting mode

The preset “POWER SAVE ON TIME” is displayed on LCD panel.



In RX stand by(except Dual watch/Scan mode)

The Power Save On Time has the function that RF board power is off in a preset length for battery save.

Default : off

Range : off, 50 msec ~ 2000 msec

Step : 10 msec

In Power Save on time setting mode

- Whenever you press “UP” key, the time is increased by the step determined.
- Whenever you press “DOWN” key, the time is decreased by the step determined.
- If you press “FUNC” key and “UP” key consecutively, the radio turns to the setting mode of power save off time.
- If you press “FUNC” key and “DOWN” key consecutively, the radio turns to the Busy Lock Setting Mode.

(While press “UP” or “DOWN” key more than 1 second, the time is increased or decreased rapidly)

*** POWER SAVE ON TIME /POWER SAVE OFF TIME

If one or both of the above two modes, the power save will be disabled.

If one or both of the above two operations are estimated, the power save will be enabled.

determined.

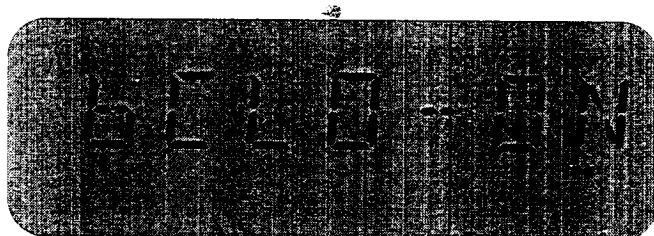
If you press “FUNC” key and “UP” key consecutively, the radio turns to the busy lock option setting mode.

If you press “FUNC” key and “DOWN” key consecutively, the radio turns to the Use channel select mode.

(If you press “UP” OR “DOWN” key more than 1 second, the time is increased or decrease rapidly.)

15.2 Busy Lock setting mode

The preset “BUSY LOCK ON/OFF” is displayed on LCD panel.



If the radio is in the receive mode, the function of busy lock is to prevent transmission. If you press “PTT” key to transmit during the receiving, an error tone is heard and the receive mode remains.

Default : value is off

In busy lock setting mode,

Whenever you press “UP” key, “ON/OFF” is repeated.

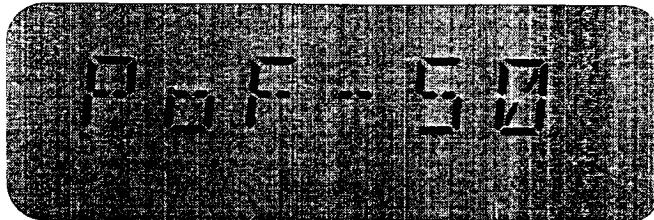
Whenever you press “DOWN” key, “ON/OFF” is repeated.

If you press “FUNC” key and “UP” key consecutively, the radio unit turns to power save on time mode.

If you press “FUNC” key and “DOWN” key consecutively, the radio unit turns to Time-Out-Timer setting mode.

15-4. Power Save off time setting mode

The preset “POWER SAVE OFF TIME” is displayed on LCD panel.



In the RX-stand by(except Dual watch & scan mode), the POWER SAVE OFF TIME” has such a function that RF board power is turned on in a preset length.

Default : off

Range : off, 50 msec ~ 200 msec

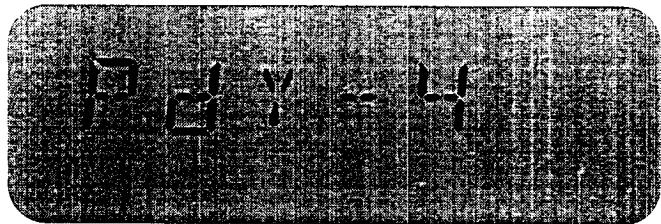
Step : 10 msec

In Power Save off time setting mode,

- Whenever “UP” key is pressed, the time is increased by the step determined.
- _ Whenever “DOWN” key is pressed, the time is decreased by the step determined.
- _ If you press “FUNC” key, the radio turns to POWER SAVE DELAY TIME SET MODE.
- If you press “FUNC” key and then press “DOWN” key, the radio turns to Power Save On Time Setting Mode.
(If you press “UP” or “DOWN” key more than 1 second, the time is increased or decreased rapidly.)

15-5. Power Save Delay time setting mode

The preset “POWER SAVE DELAY TIME” is displayed on LCD panel.



The POWER SAVE DELAY TIME means that the radio unit waits in the RX-stand by without working “POWER SAVE” after receiving or transmitting.

Default : off

Range : off, 1 sec ~ 10 sec

Step : 1 sec

In Power Save delay time setting mode,

-Whenever you press “UP” key, the time is increased by the step determined.

-Whenever you press “DOWN” key, the time is decreased by the step determined.

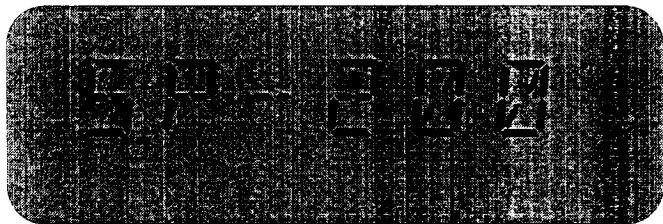
-If you press “FUNC” key and “UP” key consecutively, the radio turns to the SCAN SPEED TIME SET MODE.

-If you press “FUNC” key and “DOWN” key consecutively, the radio turns to the POWER SAVE OFF TIME SETTING MODE.

(If you press “UP” or “DOWN” key more than 1 second, the time is increased or decreased rapidly.)

15-6. Scan Speed time setting mode

The preset "SCAN SPEED TIME" is displayed on LCD panel.



When a signal is not received from any channels and the radio is operating in the Dual Watch or Scan Mode, the scan speed time means the interval of time that it is taken for a current channel swing to and from the other channel.

Default : 100 msec

Range : 50 msec ~ 1000 msec

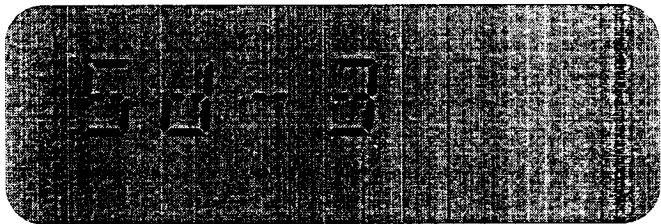
Step : 10 msec

In Scan Speed Time setting mode

- Whenever you press "UP" key, the time is increased by the step determined.
- Whenever you press "DOWN" key, the time is decreased by the step determined.
- If you press "FUNC" key and "UP" key consecutively, the radio turns to SCAN DELAY TIME SETTING MODE.
- If you press "FUNC" key and "DOWN" key consecutively, the radio turns to POWER SAVE ON TIME SETTING MODE.
(If you press "UP" or "DOWN" key more than 1 second, the time is increased or decreased rapidly.)

15-7. Scan Delay Time setting mode

The preset SCAN DELAY TIME is displayed on LCD panel.



In the Scan delay time in the Dual Watch/Scan Mode

If the transmission is done in one channel, the current channel will be in the RX Stand By during the setting mode. At that time, if the signal does not appear until the scan delay time goes by, the scan works again.

Default : 4 sec

Range : 1 sec ~ 10 sec

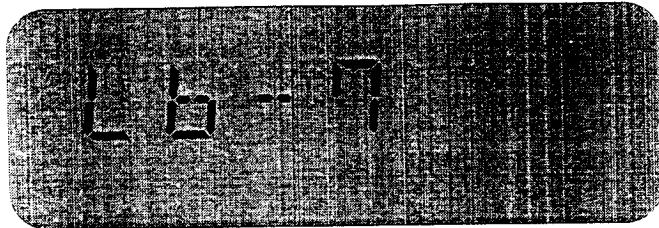
Step : 1 sec

In the Scan Delay Time setting mode

- Whenever "UP" key is pressed, the time is increased by the step determined.
- Whenever "DOWN" key is pressed . the time is decreased by the step determined.
- If you press "FUNC" key and "UP" key consecutively, the radio unit turns to scan delay time setting mode.
- If you press "FUNC" key and "DOWN" key consecutively, the radio unit turns to scan speed time set mode.
(If you press "UP" or "DOWN" key more than 1 second, the time is increased or decreased rapidly.)

15-8 Look Back Time setting mode

The preset "LOOK BACK TIME" is displayed on LCD panel.



Look Back Time:

When the current channel(not CH 16) received a signal under the Dual Watch Mode, CH 16(Emergency ch) is watched every look back time. And at that time, if some signal appears on CH 16, CH 16 receives the signal. If there is no signal on CH 16, the current channel takes back the receiving signal again.

Default : 4 sec

Range : 1 sec ~ 10 sec

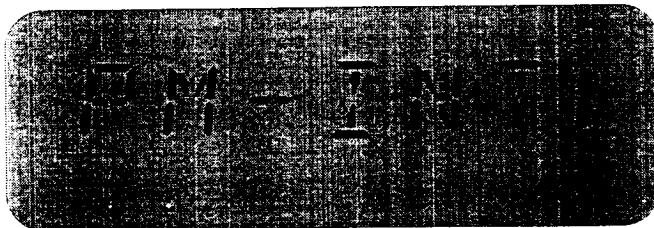
Step : 1 sec

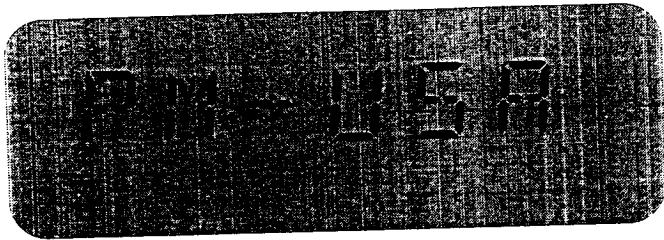
In Look Back Time setting mode

- Whenever "UP" key is pressed, the time is increased by the step determined.
- Whenever "DOWN" key is pressed, the time is decreased by the step determined.
- If you press "FUNC" key and "UP" key consecutively, the radio turns to the RX MODE SETTING MODE.
- If you press "FUNC" key and "DOWN" key consecutively, the radio turns to the SCAN DELAY TIME SET MODE.
(If you press "UP" or "DOWN" key more than 1 second, the time is increased or decreased at high speed.)

15-9. Receive mode setting mode

The preset receive mode is displayed on LCD panel.





You can select in RX MODE that INTERNATIONAL MODE will be used or USA MODE will be used as RX frequency.

Default : International mode

In the receive mode setting mode,

- Whenever “UP” key is pressed, International mode and USA MODE are toggling on LCD panel.
- Whenever “DOWN” key is pressed, International mode and USA MODE are toggling on LCD panel.
- If you press “FUNC” key and “UP” key consecutively, the radio turns to the selection of USA MODE.
- If you press “FUNC” key and “DOWN” key consecutively, the radio turns to LOOK BACK TIME SET MODE.

15-10. Used Channel Select mode

In each preset channel, the condition of USE/NOT USE is displayed with “YES” or “NO” letter on LCD panel.

