

USER'S MANUAL



UHF Scanning
VOX
TOT
Monitoring
Keyboard Lockout
Busy Channel Lockout
Battery Power Saving
Low Battery Warning
Scrambling Function
Companding Function
Special Signaling
Chinese/English Voice Prompt
Programming Encryption Function
50 CTCSS/208 DCS

Function Operations

1. Long press the power key for 2 seconds to turn on/turn off the radio.
2. CH+/CH-: adjusting the Channel 1~22.
3. Side Key+/Side Key-: adjusting the volume level,the volume has a total of 8 levels.
4. PTT: while pressing the PTT launch button, keeping the microphone 2.5-8cm away from the mouth.

Optional Functions

•Scanning

It is convenient for users to search for calls from other channels. Long press the side key **[-]** for 2 seconds to enter the scan state,operate again to exit(note: if the SCAN ADD less than 2, the radio can not scan,it can be set by programming).

•Keyboard Lockout

Long press the side key **[-]** for 2 seconds to lock the keyboard,operate it again to unlock.

•Monitor

Long press the side key **[+]** to enter the monitor mode,release it to exit.

•VOX

VOX is a function that voice can be launched without pressing the PTT key,it can be set by programming.

•Chinese/English Voice Prompt

The radio has a manual switching function between the Chinese and the English.Switch to channel 16, turn off the radio, and then press the power key and CH+ key at the same time,turn on the radio to switch between the Chinese and English.

•Time Out Timer(TOT)

The purpose of the TOT is to prevent any single person from using a channel for an extended period of time.If the transmission continues beyond the set time,the transceiver will stop transmission and give out alarms.To stop the alarms,please release the PTT switch and the transceiver will resume to the state of standby.

•Busy Channel Lockout

The function can prevent interfering other intercom calls from the same channel,it needs to be set up by the writing frequency software.

•Battery Power Saving

The radio would reduce its power consumption if there is no signal or no operation.When the channel is unoccupied or no operated,the battery power-saving function is activated.When signal is received or with operation,the battery saving function would be off automatically.

•Low Battery Warning

If the battery power falls to the predetermined value during transmission, the radio will send out a voice prompt. Please replace the battery or charge it!

•Scrambling

It is a voice encryption mode which is different from sub audio.

•Companding

It is a function setting which prevents the inter-channel interference.

•CTCSS/DCS

The purpose is to avoid the mutual interference among different users,to avoid hearing the irrelevant calls and the interference signals.The radio has 50 CTCSS and 208 DCS,also non-standard subaudio can be set!

•CDCSS Mode

It is valid only when you set the CDCSS on the channels. This function has two selections: "normal signaling" and "special signaling". Normal Signaling refers to the CDCSS codes on the channels is ordinary codes, we can talk to each other with the same CDCSS; Special Signaling refers to the CDCSS codes on the channels is special processed codes,only with the same CDCSS and while setting a special signaling,then we can talk to each other,it can avoid the signal interference from the radios of the other manufacturers.



Channel No.	(MHz)
1	462.5625
2	462.5875
3	462.6125
4	462.6375
5	462.6625
6	462.6875
7	462.7125
8	467.5625
9	467.5875
10	467.6125
11	467.6375
12	467.6625
13	467.6875
14	467.7125
15	462.5500
16	462.5750
17	462.6000
18	462.6250
19	462.6500
20	462.6750
21	462.7000
22	462.7250

FCC& RSS Warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

SAR tests are conducted using standard operating positions accepted by the FCC/ISED with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. Before a new model is available for sale to the public, it must be tested and certified to the FCC/ISED that it does not exceed the exposure limit established by the FCC/ISED. Tests for each product are performed in positions and locations as required by the FCC/ISED.

For body worn operation, this device has been tested and meets the FCC/ISED RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that Contains no metal.

To maintain compliance with the FCC/ISED's RF exposure guidelines, hold the transmitter and antenna at least 1 inch (2.5 centimeters) from your face and speak in a normal voice, with the antenna pointed up and away from the face.

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment. In order to comply with the FCC/ISED RF exposure requirements, the antenna installation must comply with following:

Users must be fully aware of the hazards of the exposure and able to exercise control over their RF exposure to qualify for the higher exposure limits.

Your wireless hand-held portable transceiver contains a low power transmitter. This product sends out radio frequency (RF) signals when the Push-to-Talk (PTT) button is pressed.
The device is authorized to operate at a duty factor not to exceed 50%.

This device complies with ISED licence-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent areil est conforme aux CNR d'ISED licables aux areils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

(1) l'areil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

ISED exposition aux radiations

Cet équipement est conforme avec ISED les limites d'exposition aux rayonnements définies pour un contrôlé environnement.

Cet émetteur ne doit pas être co-localisés ou fonctionner en conjonction avec une autre antenne ou émetteur.

Cet équipement doit être installé et utilisé avec un minimum de 2.5cm de distance entre le radiateur et votre corps.