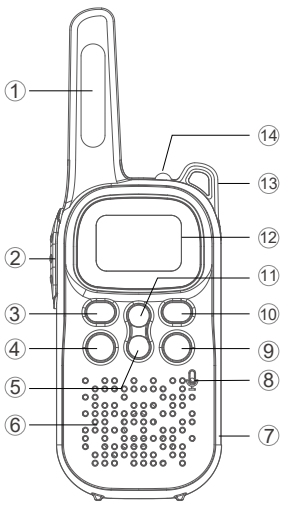
# Walkie-Talkie

## OPERATING INSTRUCTION

**Note:**
**Please read the operating instructions carefully before using the device.**

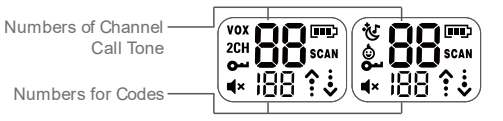
## KEY FUNCTIONS




① Antenna
② Push To Talk (PTT)
③ Flashlight / Keypad Lock Button
④ Call Tone/Monitor Button Lullaby/Monitor Button [For lullaby model only]
⑤ [▼] Button
⑥ Speaker
⑦ Micro-USB Charging Jack
⑧ Microphone
⑨ VOX/Scan Button Kids Monitor/Scan Button [For lullaby model only]
⑩ Menu / Power On, Off Button
⑪ [▲] Button
⑫ Display
⑬ Lanyard Hole
⑭ Flashlight



## DISPLAY SCREEN GUIDE

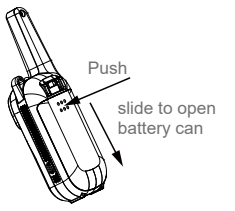



| | | | |
|---|---|---|---|
| 2CH | Dual Watch | | Status (Transmit/Receive) |
| SCAN | Scan | | Volume Mute |
| VOX | VOX | | Lock |
| | Battery Meter | | Kids Monitor |
| | Lullaby | | |

## GETTING STARTED

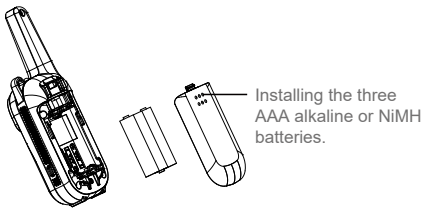
### Installing the three AAA alkaline or NiMH rechargeable batteries

1. Take the belt clip off.
2. With the back of the radio facing you, push and slide down to remove the cover.

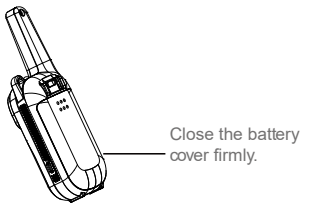





3. Installing the three AAA alkaline or NiMH battery with + and – polarity as shown inside.




4. Close the battery cover firmly.




### Radio Battery Meter

Battery full bars indicates battery high. When battery meter shows 1 bar, device is on low battery mode and will indicate low battery alert in the forms of alert tone and blinking bar display.



Note:
- Remove the battery from radio for storage purposes.
- Be careful when removing the batteries. Do not use sharp or conductive tools to remove either of these batteries.
- Remove the batteries before storing your radio for extended periods of time. Batteries corrode over time and may cause permanent damage to your radio.
- Do not mix old and new batteries and Do not mix alkaline, standard (carbon-zinc) or rechargeable (ni-cad, ni-mh, etc.) batteries.

### Battery Capacity Maintenance(Applicable to NiMH rechargeable batteries only)

1. Charge the NiMH batteries once every 3 months when not in use.
2. Before placing the radio in storage, remove the battery.
3. Store the NiMH batteries in temperature between -20 °C to 35 °C and in low humidity. Avoid damp conditions and corrosive materials.

### Using the Micro-USB Charger(Applicable to NiMH rechargeable batteries only)

The micro-USB charger is a handy port that allows you to conveniently charge your NiMH battery. Use certified adaptor(5V, ≥1A). Do not attempt to charge alkaline batteries.

1. Make sure your radio is turned OFF.
2. Plug the micro-USB cable into the micro-USB charging port on your radio. Connect the other end of the micro- USB charger to wall power outlet.
3. The battery meter on LCD will move to indicate the battery is charging.



Note:
- It is recommended to power OFF your radio while charging.
- When moving between hot and cold temperatures, do not charge the NiMH batteries until the battery temperature acclimates (usually about 20 minutes).
- For optimal battery life, remove the radio from the charger within 16 hours. Do not store the radio while connected to the charger.

### Turning your Radio On and Off

1. Press and hold on the【MENU/POWER】button to turn your radio ON/OFF. In the ON position, the radio chirps and briefly shows all feature icons available on the radio.
2. The display screen then shows the current channel, code and all features that are enabled. The radio is in Two-Way mode.

### Setting the Volume

1. First press either【▲】or【▼】to trigger volume change. You will see current volume level on screen.
2. Press【▲】to increase the volume. Press【▼】to decrease the volume.
3. When the volume reached level 0 the mute icon appears permanently on screen.

Do not hold the radio close to your ear. If the volume is set to an uncomfortable level, it could hurt your ear.



## RECEIVING AND TRANSMITTING

To communicate, all radios in your group must be set to the same channel and sub code.

1. To talk, press and hold the PTT button. When transmitting, the icon is shown. Release the PTT button when you are finished talking. Do not use the radios closer than five feet apart.
2. When receiving, the icon is shown.

For maximum clarity, hold the radio 2 to 3 centimeters away from your mouth and speak directly into the microphone. Do not cover the microphone while talking.

### Talk Range

Your radio is designed to maximize performance and improve transmission range. Do not use the radios closer than five feet apart.

### Monitor Button

Press and hold【CALL/MON】or【MUSIC/MON】button for 3 seconds to enter monitor mode and listen for weak signals on the current channel.
You can also listen to the volume level of the radio when you are not receiving. This allows you to adjust the volume, if necessary.

### Push-to-Talk Timeout Timer

To prevent accidental transmissions and save battery life, radio will stop transmitting if you press PTT button for 60 seconds continuously.



## FEATURES

### Setting the Channel

The channel is the frequency of the radio uses to transmit.

1. Press the【MENU/POWER】button until the channel number starts to flash.
2. Press【▲】or【▼】button to change the channel number.
3. Press the PTT button to exit menu or【MENU/POWER】button to continue setup.

### Channels and Frequences

| CH | Frequency (MHz) | Max Power Output | CH | Frequency (MHz) | Max Power Output |
|---|---|---|---|---|---|
| 1 | 462.5625 | 0.5W | 12 | 467.6625 | 0.5W |
| 2 | 462.5875 | 0.5W | 13 | 467.6875 | 0.5W |
| 3 | 462.6125 | 0.5W | 14 | 467.7125 | 0.5W |
| 4 | 462.6375 | 0.5W | 15 | 462.5500 | 0.5W |
| 5 | 462.6625 | 0.5W | 16 | 462.5750 | 0.5W |
| 6 | 462.6875 | 0.5W | 17 | 462.6000 | 0.5W |
| 7 | 462.7125 | 0.5W | 18 | 462.6250 | 0.5W |
| 8 | 467.5625 | 0.5W | 19 | 462.6500 | 0.5W |
| 9 | 467.5875 | 0.5W | 20 | 462.6750 | 0.5W |
| 10 | 467.6125 | 0.5W | 21 | 462.7000 | 0.5W |
| 11 | 467.6375 | 0.5W | 22 | 462.7250 | 0.5W |



### Selecting the Interference Eliminator Code

Sub-Codes help minimize interference by blocking transmission from unknown sources. Your radio has 121 Sub-Codes. To set the code for a channel:

1. Press the【MENU/POWER】button until the code number starts to flash.
2. Press【▲】or【▼】button to select code number.
3. Press the PTT button to exit menu or【MENU/POWER】button to continue setup.

### Setting and Transmitting Call Tones(Not applicable for lullaby model)

Your radio can transmit different call tones to other radios in your group when you pressed【CALL/MON】button. The radio has 5 call tones.To set a call tone:

1. Press【MENU/POWER】button until 'CA' appears. The current call tone setting flash.
2. Press【▲】or【▼】button to change and listen to the call tone.
3. Press the PTT button to exit menu or【MENU/POWER】button to continue setup.

### Lullaby selection (For lullaby model only)

1. Your radio has 6 lullaby options. To select lullaby, Press menu button until 'IC' appears. The current lullaby setting flashes.
2. Press【▲/▼】to change and listen to the lullaby.
3. Press the PTT button to exit menu or menu button to continue setup.
4. Press【 /MON】button to enter lullaby playing mode. Press any buttons to exit mode(except【▲/▼】).



### Voice Activated Transmission (VOX)

Transmission is initiated by speaking into the microphone of the radio instead of pushing the PTT button.

1. Briefly press the【VOX/SCAN】or【 /SCAN】button briefly to enter VOX mode. Press the button again to exit.
2. Press menu button until"VOX or "appears on display level(1-3 setting). Press【▲】or【▼】button to select the sensitivity to change【VOX/SCAN】or【 /SCAN】sensitivity.
3. Press the PTT button to exit menu.
   L3=High Sensitivity / L2=Medium Sensitivity / L1=Low Sensitivity

### Dual Channel Monitor

To set another channel and start Dual Watch.enable you to scan current channel and another channel alternately.

1. Press【MENU/POWER】button until '2CH' appears on the display. The current setting (OF, 1-22) will flash.
2. Press or to select channels.
3. Press the PTT button to exit menu or【MENU/POWER】button to continue setup.
4. Press the PTT button or wait until the time out menu to activate Dual Watch. The screen will alternate between Home Channel and Dual Watch Channel.

To end Dual Watch mode, re-enter Dual Watch menu to select the OFF setting.
Note: If you set the same channel and code as current channel, Dual Watch does not work.

### Keypad Tones

Your radio emits a beep each time one of the buttons is pressed (except the PTT and CALL button).



Press and hold the【▼】button while turning the radio ON to switch the keypad tone ON/OFF.

### Roger Tone

You can set your radio to transmit a unique tone when you finish transmitting.Press and hold the【▲】button while turning the radio ON to turn the Roger Beep ON. Repeat the step to turn Roger Beep OFF .

### Keypad Lock

To avoid accidentally changing your radio settings:

1. To lock the radio, press and hold【LAMP/LOCK】button until the key lock indicator icon on display appear.
2. To unlock the radio, press and hold【LAMP/LOCK】button until key lock indicator icon on display disappear.

### Scanning Channels

Use scan to search all channels for transmissions from unknown parties, to find someone in your group who has accidentally changed channels or to quickly find unused channels for your own use.To Start Scanning:

1. Press and hold the【VOX/SCAN】or【 /SCAN】button for 3 seconds to enter scan mode. The SCAN icon will appear in the display and the radio will begin to scroll through the channel and code combinations.
2. When the radio detects channel activity matching the channel and code combination, it stops scrolling and you can hear the transmission.
3. To respond and talk to the person transmitting, press the PTT button within 5 seconds after the end of the transmission.



4. The radio will resume scrolling through the channels five seconds after the end of any received activity.
5. To stop scanning, briefly press the【VOX/SCAN】button.

### Scanning Notes

1. If you press the PTT button while the radio is scrolling through inactive channels, the transmission will be on the" home channel". Scanning will resume 5 seconds after the end of your transmis-sion. You may press the【VOX/SCAN】button to stop scanning at any time.
2. If the radio stops on an undesired transmission, you may immediately resume the scan by briefly pressing【▲】or【▼】button.
3. If the radio repeatedly stops on an undesired transmission, you may temporarily remove that channel from the scan list by pressing and holding【▲】or【▼】for 3 seconds. You may remove more than one channel in this way.
4. To restore the removed channel(s) to the scan list, turn the radio off and then turn back on, or exit and re-enter the scanning mode by pressing【VOX/SCAN】button.
5. You cannot remove the home channel from the scan list.

### LED Lamp

Your radio has a built-in-LED Lamp.
Briefly press the【LAMP/LOCK】button once to ON the lamp, press again to OFF the lamp.

### Automatic Power Save

For better battery life, your radio is designed to switch to Power Save mode when it has been no transmissions after 5 seconds. The radio can receive transmissions in this mode.



## SAFETY & GENERAL INFORMATION

### FCC Warning

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.



— Consult the dealer or an experienced radio/TV technician for help.

### Safety Information for Radios

Your wireless handheld portable transceiver contains a low power transmitter. When the talk button is pushed, it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless devices.

### Important

FCC RF Exposure Requirements: For body-worn operation, this radio has been tested and meets the FCC RF exposure guidelines when used with accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. Use only the supplied antenna. Unauthorized antennas, modifications or attachments could damage the transmitter and may violate FCC regulations.

### Normal Position

Hold the transmitter approximately 25 mm from your face and speak in a normal voice, with the antenna pointed up and away.

### ISEDC Warning

This product meets the applicable Industry Canada technical specifications. / Le présent matériel est conforme aux specifications techniques applicables d'Industrie Canada.



This device complies with ISEDC license-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 appareil est conforme aux CNR d'ISEDC applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil 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.

### ISEDC Radiation Exposure Statement

For body worn operation, this model device has been tested and meets the ISED RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that Contains no metal and that positions of the face up minimum distance is 25 mm.
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Pour le corps, ce modèle d'appareil a été testé et adapté à la RF renforcée Lignes directrices relatives à l'exposition lorsqu'elles sont utilisées avec un accessoire pour ce produit ou lorsqu'elles sont utilisées avec celui-ci Un acces-soire ne contenant pas de métal et dont la distance minimale de la face est de 25 mm.



Tout changement ou modiÿcation non expressément approuvé par la partie responsable de la conformité l'équipement.

Your wireless handheld portable transceiver contains a low power transmitter. When the talk button is pushed, it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%.

Votre émetteur-récepteur portable sans fil contient un émetteur de faible puissance. Lorsque le bouton de conversation est enfoncé, il envoie des signaux de radiofréquence (RF). L'appareil est autorisé à fonctionner avec un facteur d'utilisation ne dépassant pas 50%.