

# Walkie Talkies User Manual

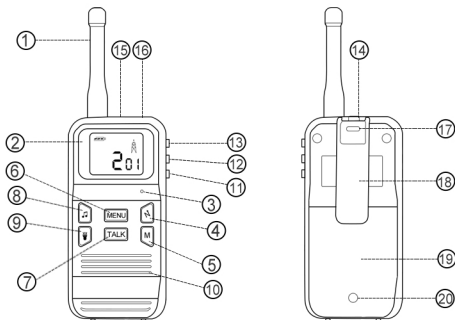
Model NO: WTK100





## CAUTION

Please read this instruction carefully before using your two way radio, including the part of Product Safety and Important Notice.



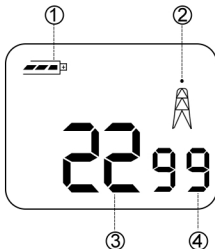
1. Antenna
2. Backlit LCD Display
3. Microphone
4. Scan Button
5. Monitor Continued Reception
6. MENU Button
7. TALK Button
8. Call button
9. Lamp Button
10. Speaker

11. Power Button
12. Down Button
13. Up Button
14. Battery Door Latch
15. Microphone Jack
16. Lamp
17. Connection Hole
18. Belt Clip
19. Battery Compartment Cover
20. Small Screw

## Features

- ▶ 99 Privacy Codes  
(38 CTCSS codes/ 61 DCS codes)
- ▶ Hands-free Operation (VOX)
- ▶ Scan (Channels)
- ▶ Backlit LCD Display
- ▶ Call Alter (Ten selectable tones)
- ▶ Roger Beep (Selectable On/ Off)
- ▶ Battery Saver
- ▶ Battery Level Indicator
- ▶ Keystroke Tones
- ▶ With Belt Clip

## Backlit LCD Display



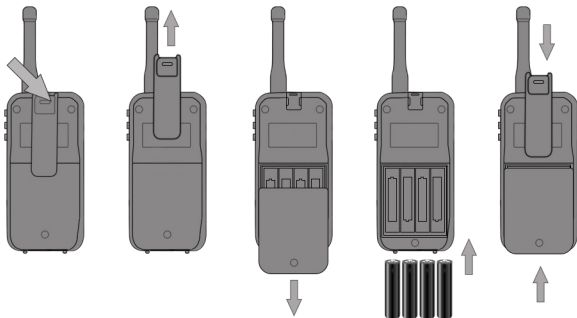
1. Battery Level Indicator
2. Receive/ Transmit Icon
3. Channel Numbers
4. CTCSS/ DCS Privacy Codes Numbers

**NOTE:** Maximum range may vary and is based on unobstructed line-of-sight communication under ideal conditions.

## Installing or Replacing Batteries

1. Remove the belt clip and screw of cover by pulling the tab and sliding it up;
2. Slide and lift the battery compartment cover, insert 4"AAA" batteries(Not Included in the Package) with correct polarity into per radio;
3. Put the battery cover and tighten the screw, then snap the lock tab and belt clip back into place.

**NOTE:** Please remove the batteries if the units are not used for a long time

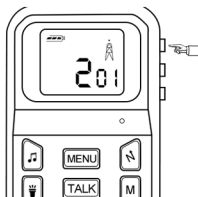


## **Quick Start Your Walkie Talkies**

1. Press and hold the Power Button to turn on your radio;
2. Press the MENU Button, press the Down or Up Button to select a channel  
(Both radios must be tuned to the same channel and privacy codes before communicating);
3. Press and hold the TALK Button while speaking into the microphone;
4. When finished speaking, release the TALK Button and listen for a response.

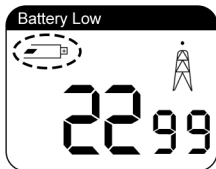
## **To Turn on Your Radio**

Press and hold the Power button until you hear a series of audible tones indicating the radio is on. Your radio is in Standby mode now, ready to receive transmissions. The radio is always in Standby mode except when the TALK, Call or Menu buttons are pressed.



## **Battery Low**

When battery power is low, the final bar in the Battery Low icon will blink and an audible tone will sound twice before the radio shuts off. Your batteries should be replaced or recharged, if using rechargeable batteries.



## **Auto Battery Save**

If there are no transmissions within 3-6 seconds, the radio will automatically switch to Battery Save mode and the Power Saver icon will displayed. This will not affect the radio's ability to receive incoming transmissions.

## **To Scroll Through the Menu Function**

By scrolling through the MENU function, you will be able to selector turn on preferred features of your radio. When scrolling through the Menu function, your radio features will be displayed in the same predetermined order:

Set Channels

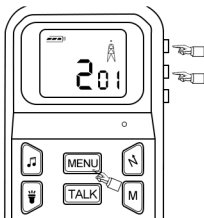
Set CTCSS Privacy Codes/DCS Privacy Codes

Set VOX Sensitivity/Off

Set Call Tones 1-10

Set Key Tones On/Off

Set Roger Beep On/Off



## To Communicate with Another Person

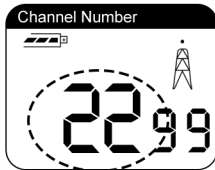
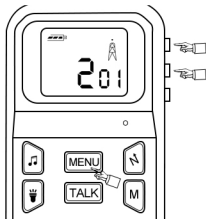
1. Press and hold the TALK button;
2. With the microphone about two inches (2.5-5 cm) from your mouth, speak in a normal voice;
3. Release the TALK button when you are finished talking and listen for a response.

**NOTE:** You cannot receive incoming calls while pressing the TALK button if there are different channels or privacy codes. Both radios must be tuned to the same channel/privacy code before communicating.



## To Select a Channel

With the radio on, select any of the channels by pressing Menu and the Up or Down button. Both radios must be tuned to the same channel to communicate.



## Privacy Codes

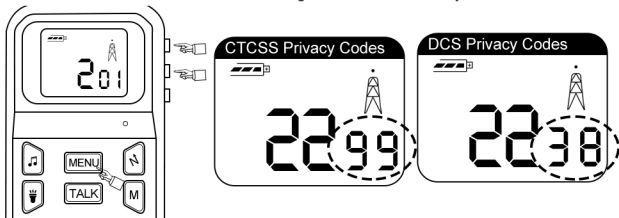
Your radio incorporates two advanced coded squelch systems that can help to reduce interference from other users on any given channel. CTCSS (Continuous Tone Coded Squelch System) provides 38 privacy codes and DCS (Digitally Coded Squelch) provides 61 privacy codes. This provides a total of 99 Privacy Codes. Either system can be used on all channels, but both systems cannot be used on the same channel at the same time.

To successfully communicate using a privacy code, both the sending and receiving radios must be tuned to the same channel and to the same privacy code system (CTCSS or DCS) and privacy code number. Each channel will remember the last privacy code system and number you select.

The privacy code 00 is not a privacy code, but allows all signals to be heard on a channel that is set to "OF" on both the CTCSS and DCS systems.

### To Set CTCSS/DCS Privacy Codes

1. After selecting a channel, press the Menu button until the numbers of the CTCSS/DCS flash on the display (CTCSS:01 through 38,DCS:39 through 99).
2. Press using the Up or Down button for fast advance to select a privacy code.
3. When your desired CTCSS is displayed, choose one of the following:
  - a. Press the Menu button to enter the new setting and proceed to other functions.
  - b. Press TALK button enter the new setting and return to Standby mode.



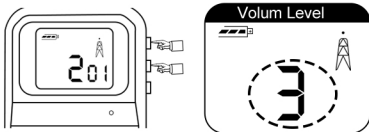
## To Listen form Another Response

Release the TALK button to receive incoming transmissions. Your radio is always in Standby mode while the TALK or Call buttons are not pressed.



## To Adjust Volume

Press the Up or Down button at the standby mode. A double beep sound is used to indicate. And you can always find the volume level numbers in the screen when press the Up or Down button.

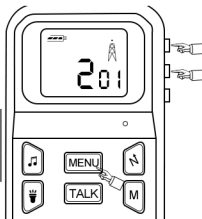


## Voice Activated Transmit (VOX)

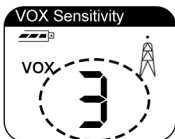
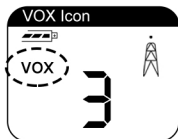
In the VOX mode, your radio can be used "hands-free," automatically transmitting when you speak. You can set the VOX sensitivity level to fit the volume of your voice and avoid transmissions triggered by background noise.

**NOTE:** VOX operation is not recommended if you plan to use your radio in a noisy or windy environment.

1. Press the MENU button, until the current flashes "VOX" on the display;
2. Press using the Up or Down button for fast advance to set the VOX sensitivity level between 1 - 3 (level 3 is the most sensitive level), or turn off the VOX when the current flashes "OFF" on the display;



3. When your desired VOX is displayed, choose one of the following:
  - a. Press the Menu button to enter the new setting and proceed to other functions;
  - b. Press TALK button enter the new setting and return to Standby mode.

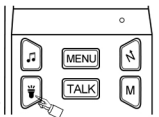


**NOTE:** VOX mode will be overridden when you press the TALK button.

## Flashlight

The radio is equipped with flashlight function, which will bring a lot of convenience in the dark.

Press "LAMP" button to turn the flashlight on. And the process to turn it off is the same as turning it on, just press "LAMP" button, that's it.

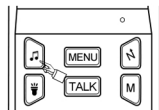


## Call Button

Press and release the Call button.

The other person will hear a two second call tone.

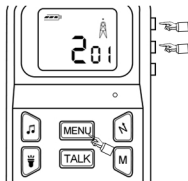
This tone is used only to establish voice communications.



## Call Tone Setting

You can choose between ten different call tone settings to transmit a call alert. To change a call tone setting:

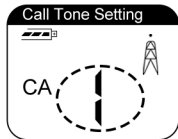
1. Press the Menu button until the letter "CA" and the current call tone number ( 1 through 10) is displayed. The current call tone will sound for two seconds;
2. Press the Up or Down button to hear the other call tone settings;



3. Choose one of the following:

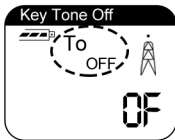
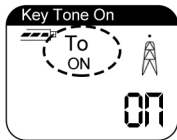
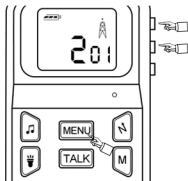
- a. Press the Menu/Lock button to enter the new setting and proceed to other functions.
- b. Press TALK button to enter the new setting and return to Standby mode.

## **Key Tone On/Off**



When Key Tone is On, an audible tone will sound each time a button is pressed.

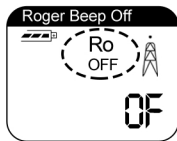
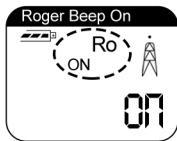
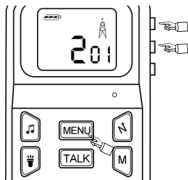
1. Press the Menu button until the "To" icon is displayed. The current on or off setting flashes;
2. Press the Up or Down button to select key tone on or off;
3. Choose one of the following:
  - a. Press the Menu button to enter the new setting and proceed to other functions;
  - b. Press TALK button to enter the new setting and return to Standby mode.



## **Roger Beep Confirmation Tone**

Your listener will hear an audible tone when you release the TALK button. This alerts the other party that you are finished talking and it is OK for them to speak.

1. Press the Menu button until the "Ro" icon is displayed. The current on or off setting flashes;
2. Press the Up or Down button to select roger beep on or off;
3. Choose one of the following:
  - a. Press the Menu/Lock button to enter the new setting and proceed to other functions;
  - b. Press TALK button to enter the new setting and return to Standby mode.



## Channel Scan

Your radio can automatically scan channels.

1. Press and release the Scan button until the Scan icon and the channel numbers appear on the display;
2. while scanning channels. The Scan icon will continue to be displayed when scan is on. Your radio will continue to scan all channels and stop if an incoming transmission is detected. Your radio will remain on that channel for 8 seconds.



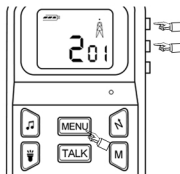
During scanning (while receiving an incoming transmission), you can choose from the following:

- a. Press and hold the TALK button to communicate on that channel. Your radio will remain on that channel and return to Standby mode;
- b. Press the Up or Down button to resumes scanning channels;
- c. Press and release the Scan button to return to Standby.



## Monitor

To receive weak signals from other radios in your group, all you need to do is press M button. If you want to continue the monitoring, please press and hold M button.



## **Safety and General Information**

Important Information on Safe and Efficient Operation Read. This information Before Using Your Radio The information safety provided in this document supersedes the general information contained in user guides published prior to July 2000.

### **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 tooperate 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.

## **ISED Warning**

This device complies with Innovation, Science, and Economic Development Canada 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 appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada 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.

## ISED 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 accessoire ne contenant pas de métal et dont la distance minimale de la face est de 25 mm.

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

Your wireless handheld portable transceiver contains a low power transmitter. When the talkbutton 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%.



MADE IN CHINA