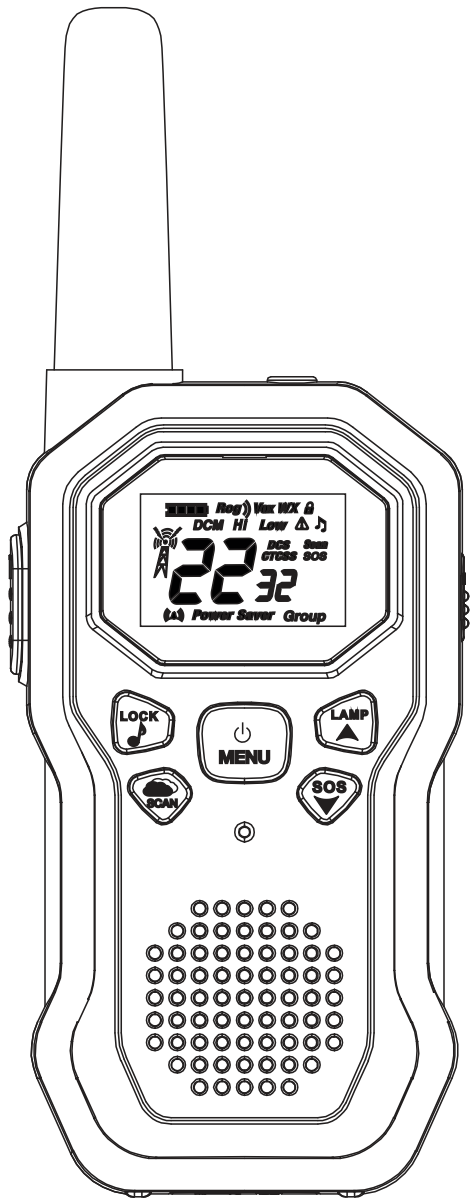
V-10
Walkie Talkie
User Guide



US WARNING:CHOKING HAZARD --
Small parts. Not for children under 3 years.

CAUTION	Read this operating instruction carefully before using your two way radio, including the part on Product Safety and Important Notice.

Easy Pairing

If you don't want to set up your walkie talkies one by one, the following steps are more convenient than the Quick Start Guide.

1.After turn on all devices, pick any of the walkie talkies as the "Leader's walkietalkie", the others are "Members' walkie talkies".

2. Press and hold the Easy Pairing button on the "Members' walkie talkies" until you see "EP" flash, then release the button.

3.Press and hold the PTT button on the "Leader’s walkietalkie" to talk until the "Members' walkie talkies" receive the signal. Setup is complete.

Tip: Press the Easy Pairing button on the "Members' walkie talkies" once can exit the EP mode.

Quick Start

1. Insert the battery: Take off the belt clip, use your finger to open the battery cover and insert the batteries, then close the lid.



For first time use, please fully charge the battery,if using rechargeable batteries

2. Turn on the device: Hold down the power button for 3 seconds to turn the devices on/off, a BEEP sound will be played to confirm.

3. Set main channel and privacy code:
Press the MENU button once, the main channel flashes, then press the up or down button to set a number, then quickly press the MENU button once again, the CTCSS code flashes, then press the up or down button to set a number, then press the PTT button to confirm your setting.

Quick Start

4. Push to talk(PTT): Press and hold the PTT button until you finish speaking into the microphone, then release the PTT button and wait for your partner to reply.

All walkie talkies must be set to the same main channel and privacy code, for example (07,CTCSS 11) can only talk to (07,CTCSS 11), but not (07,DCS 11).

Up and Down Button

They can be used to adjust the volume level.

VOX Hands-free Function

Talk without pressing the PTT button, perfect for when your hands are busy. Press the MENU button 4 times, then use up/down button to turn the function on/off.

Keypad Lock Function

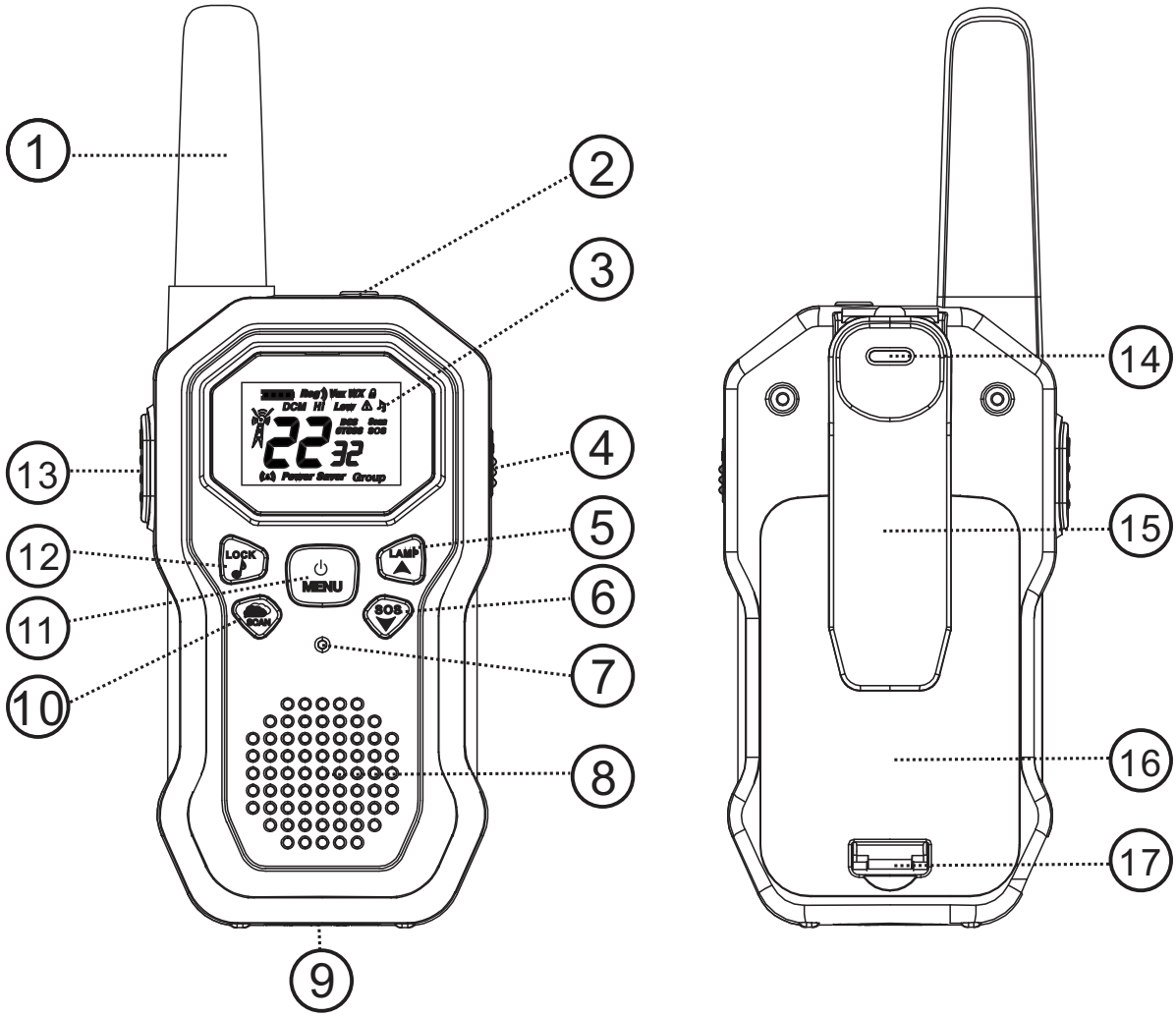
It can prevent people from accidentally modifying the channel or turning off the device. You can long press the Lock button to lock or unlock the MENU button or the Power button.

Reset Guide

1.Remove the battery.
2.Keep pressing the power button and at the same time install the battery to turn on, the channel will be reset to 01.
3.After making sure that the reset is successful, please set to the same main channel and privacy code.

The CTCSS code can not communicate with the DCS code, for example (07, CTCSS 11) can only talk to (07, CTCSS 11), but not (07, DCS 11).

Product Features

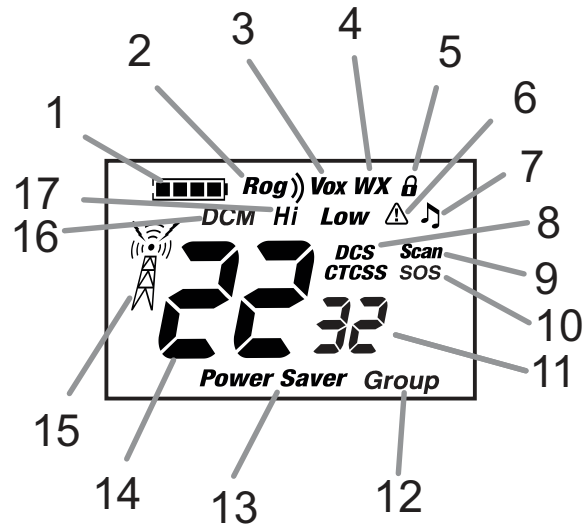


1. Antenna
2. Lamp
3. Backlit LCD Display
4. Easy Pairing Button
5. Up/Lamp Button
6. Down/SOS (Press and hold the “SOS” button to activate the SOS Siren function.) Button
7. Microphone
8. Speaker
9. External Speaker/ Microphone/USB(TAPE C) Charge Jack
10. Scan/NOAA Button
11. Menu/Power Button
12. Call/Lock Button
13. PTT(Pull to talk) Button
14. Wrist Strap Connection
15. Belt Clip
16. Battery Compartment
17. Battery Door Latch

Features

- 22 Channels
- 137 Privacy Codes
(38 CTCSS codes/99 DCS codes)
- Weather Alert
- SOS Siren
- Easy Pairing
- Double channel monitor
- Hands-Free Operation (VOX)
- Scan
Channels,privacy codes
- Backlit LCD Display
- Call Alert
Ten selectable tones
- Button Lock
- Speaker/Microphone/ Jack/Tape C-USB Charge Jack
- Roger Beep
Selectable On/Off
- Battery/Power Saver
- Keystroke Tones
- Battery Level Indicator
- Low Battery Audible Alert
- Auto Squelch
- Belt Clip

Backlit LCD Display



1. Battery Level Indicator
2. Roger Beep Icon
3. VOX Icon
4. Weather Icon
5. Lock Icon
6. Weather Alert Icon
7. Key Tone Icon
8. DCS/CTCSS Icons
9. Scan Icon
10. SOS Icon
11. DCS/CTCSS Privacy Code Numbers
12. Easy Pairing Iron
13. Power Saver Icon
14. Channel Numbers
15. Receive/Transmit Icon
16. Double channel monitor Icon
17. Hi/Low Power Icon

Product Features

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

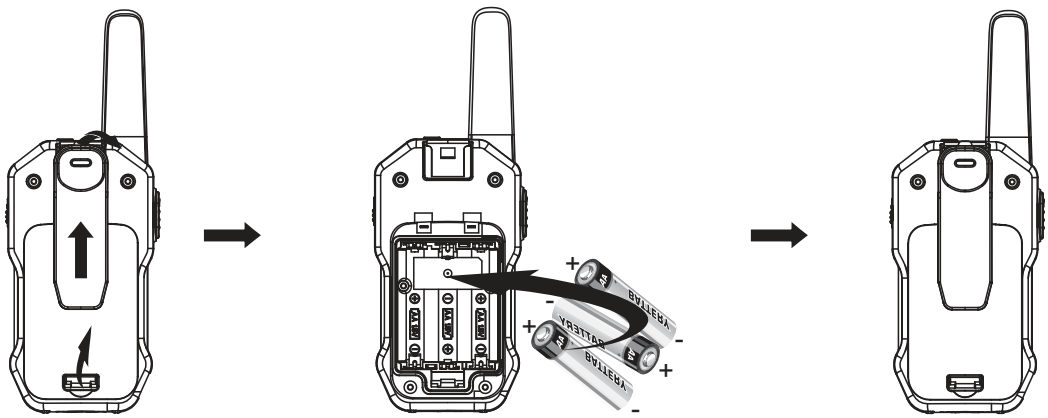
FCC Part 95B Passed

Installing Batteries

To install or replace batteries:

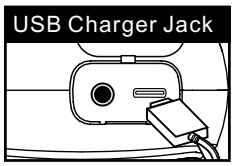
1. Remove the belt clip by pulling the tab and sliding it up.
2. Pull the battery door lock tab up to release the battery cover. Insert 3 "AA" batteries.
3. Put the battery cover back into place. Snap the lock tab and belt clip back into place.

1.Do not attempt to charge alkaline batteries.
2.Do not mix old and new batteries
3.Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.



To charge batteries in walkietalkie:

(Batteries:Just for batteries packaging option)



1.Check to see that the batteries are inserted properly.

2. Plug the cable into Tape-C USB-compatible power port. For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.

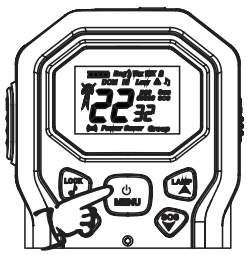
3. Insert the Tape-C USB cable into the charge jack located at the bottom of the walkietalkie.The radio will display flashing battery icon while charging.The battery icon does not flash and charging is complete.

- Your radio be turned off while being charged.
- Use only the supplied rechargeable batteries and charger for recharging your walkietalkie.
- It normally takes about 4 hours to fully charge batteries.

EN: The batteries should only be recharged under adult supervision.
Batteries must be inserted with the correct polarity.
Used batteries must be removed from the walkietalkie.
Do not short-circuit the terminals of a battery.
Remove the batteries if you are not using the walkietalkie for a long period.
Recycle the batteries appropriately.
Do not burn them or dispose of them with household waste. This walkietalkie is not designed for children aged under 3.The walkietalkie should only be used with the recommended transformer.

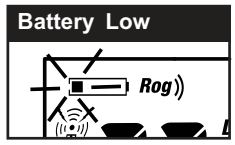
The battery charger used with the walkietalkie should be examined regularly to detect any deterioration in the cable,the mains plug, the casing and any other parts.
If any deterioration is found, it should not be used until it has been repaired.
Non-rechargeable batteries are not to be recharged.
Rechargeable batteries are only to be charged under adult supervision.
Different types of batteries or new and used batteries are not to be mixed.

Turning 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 now in Standby mode, ready to receive transmissions. The radio is always in Standby mode except when the Talk, Call or Menu/Power buttons are pressed.

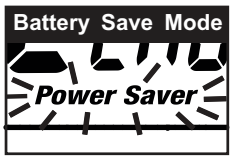
Battery Low



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.

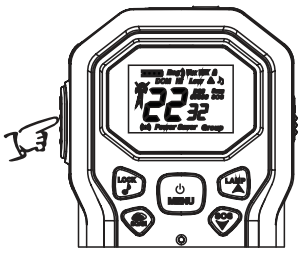
The radio will display flashing battery icon while charging.

Auto Battery Save



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

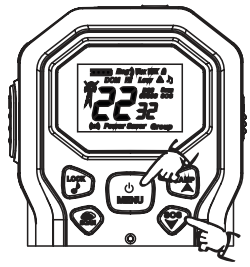
Communicating with Another Person



1. Press and hold the PTT button.
2. With the microphone about two inches (2.5-5 cm) from your mouth, speak in a normal voice.
3. Release the PTT button when you are finished talking and listen for a response. You cannot receive incoming calls while pressing the PTT button.

Both radios must be tuned to the same channel/privacy code to communicate.

SOS Flashlight

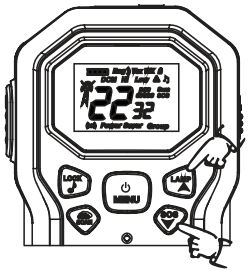


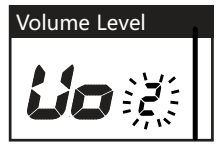
To activate SOS function, press and hold for six seconds the SOS button to turn on. it will send out an SOS signal,The LED light will be activated.Press and hold the MENU button to turn off the SOS function.

Listening for a Response

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

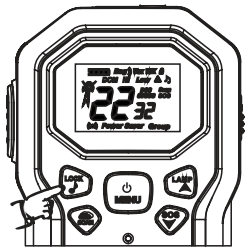
To Adjust Volume





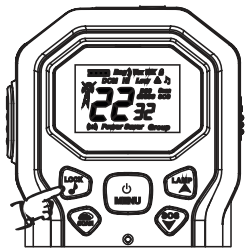
Press the Up ▲ or Down ▼ button at the standby mode.A double beep sound is used to indicate the minimum and maximum volume levels (01 through 08).

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.See page 11 on how to select between ten call tone settings.

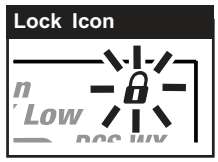
Lock Function



The Lock function locks the Up ▲, Down ▼, Scan and Menu/Power buttons to prevent accidental operation.

To turn the lock on or off:

– Press and hold the Lock button for there seconds.A double beep sound is used to confirm your lock on or off request. When in Lock mode,the Lock icon will be displayed. And the process to turn it off is the same as turning it on, just press and hold “LOCK” button, that’s it.



Radio Range

Your radios are designed to give you maximum range under optimum conditions.



Maximum Range/little to No Sight Obstruction.



Medium Range/Partial Obstruction to line of sight.



Short Range/Major Obstruction to line of Sight.

Optimum Conditions are:

- Over water
- Open rural aeas wthout obstructions
- Flat areas where you can see the other person

To ensure you get maximum range:

- Be sure to use fresh or fully charged batteries -low batteries will cause low power conditions.
- On Channels 8 through 14, your radio automatically switches to low power, which will limit the range the radio can communicate.

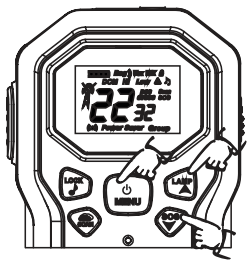
Flashlight



The radio is equipped with flashlight function, which will bring a lot of convenience in the dark.Press and hold“LAMP” button to turn the flashlight on.And the process to turn it off is the same as turning it on, just press and hold “LAMP” button, that’s it.

Scrolling Through the Menu Function

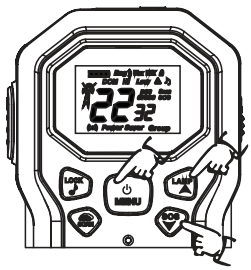
By scrolling through the MENU function, you will be able to select or turn on preferred features of your radio.When scrolling through the Menu function, your radio features will be displayed in the same predetermined order:



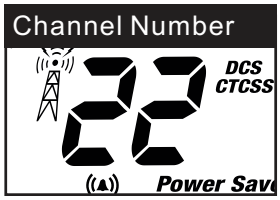


Set Channels
Set CTCSS Privacy Codes
Set DCS Privacy Codes
Set Vox Sensitivity/Off
Set Call Tones 1-10
Set Roger Beep On/Off
Set Key Tones On/Off
Set Double channel monitor

To Select a Channel



With the radio on, select any of the 22 channels by pressing Menu and the Up ▲ or Down ▼ button.Both radios must be tuned to the same channel/privacy code to communicate.



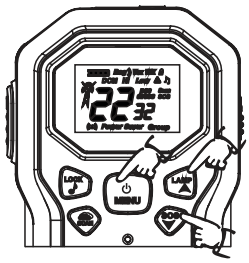
Privacy Codes

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 99 privacy codes. This provides a total of 137 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 0F is not a privacy code, but allows all signals to be heard on a channel that is set to 0F on both the CTCSS and DCS systems.

Set CTCSS Privacy Codes



To select a CTCSS privacy code:

1. After selecting a channel, press the Menu/Power button until the “CTCSS” icon appears and the small numbers next to the channel number flash on the display (01 through 38).

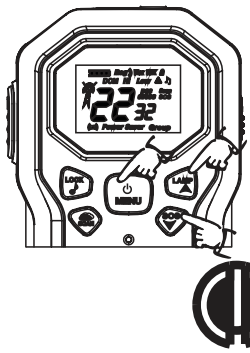
If DCS is turned on at the channel selected,the display will flash the CTCSS icon and “OF” To switch from DCS to CTCSS, press the Up or Down button while the display is flashing “OF” The display will then show the small numbers flashing and you will then be able to proceed to step 2.



2. Press using the Up ▲ or Down ▼ button to select a privacy code,You can hold the Up or Down button for fast advance.

3. When your desired CTCSS privacy code is displayed, press the Menu/Power button to enter the new setting and proceed to other functions, or press PTT button to return to Standby mode.

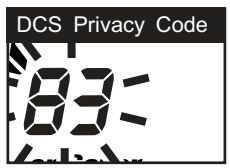
Set DCS Privacy Codes



To select a DCS privacy code:

1. After selecting a channel, press the Menu/Power button until the “DCS” icon appears and the small numbers flash on the display (01 through 99).

If CTCSS is turned on at the channel selected, the display will flash the DCS icon and “OFF.” To switch from CTCSS to DCS, press the Channel Up or Channel Down button while the display is flashing “OFF.” The display will then show the small numbers flashing and you will then be able to proceed to step 2.



2. Press using the Up ▲ or Down ▼ button to select a DCS privacy code. You can hold the Up or Down button for fast advance.

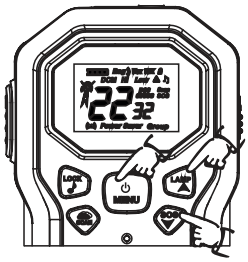
3. When DCS privacy code is displayed,press the Menu/Power button to enter the new setting and proceed to other functions,or press PTT button to return to Standby mode.

Voice Activated Transmit (VOX)

In 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.

To set VOX sensitivity:

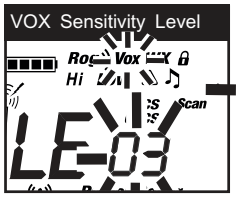
1. Press the Menu/Power button until the “VOX” icon flashes and the current sensitivity level is displayed.



VOX Icon



VOX Sensitivity Level



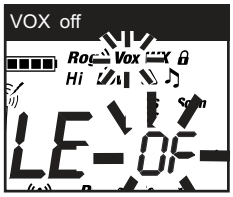
The current VOX sensitivity level is displayed with letters “LE” and a Number 01 through 03,with Number 03 being the most sensitive level and Number 01 being the least sensitive level.

2. Press the Up ▲ or Down ▼ button to change the setting.

3. Press the Menu/Power button to enter the new setting and proceed to other functions, or press PTT button to return to Standby mode.Do not press any buttons for 12 seconds return to Standby mode.

The current VOX sensitivity level is displayed with letters “LE” and a Number 01 through 03, with Number 03 being the most sensitive level and Number 01 being the least sensitive level.

VOX off



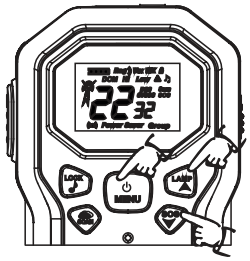
To turn VOX mode off:

1. Press the Menu/Power button until the VOX icon flashes on the display. The current “0X” setting is displayed.

2. Press the Up or Down button to turn VOX Off while the display is flashing “OF” the display.

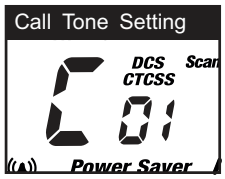
3. Press the Menu/Power button to enter the new setting and proceed to other functions, or press PTT button to return to Standby mode.

Ten Call Tone Settings



You can choose between ten different Call Tone Settings to transmit a call alert.

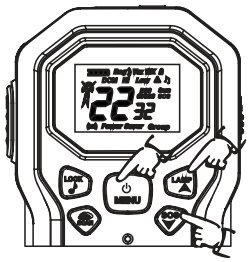
To change a call tone setting:

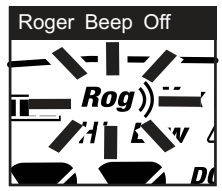


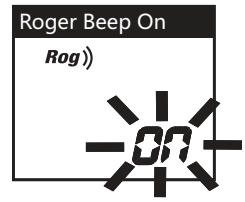
1. Press the Menu/Power button until the letter “C” and the current call tone number (01 through 10) is displayed. The current call tone will sound for three seconds.
2. Press the Up ▲ or ▼ Down button to hear the other call tone settings.
3. Choose one of the following:
a. Press the Menu/Power button to enter the new setting and proceed to other functions.
b. Press PTT button to return to Standby mode.

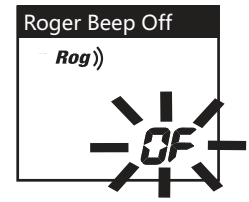
Roger Beep Confirmation Tone

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

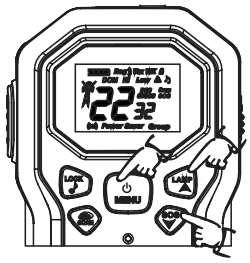








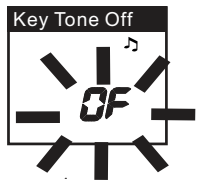
To turn roger beep on or off:
1. Press the Menu/Power button until the Roger Beep icon Rog flashes. The current on or off setting is displayed.
2. Press the Up ▲ or Down ▼ button to select roger beep on or off.
3. Choose one of the following:
a. Press the Menu/Power button to enter the new setting and proceed to other functions.
b. Press PTT button to return to Standby mode.
c. Do not press any buttons for 12 seconds to return to Standby mode.

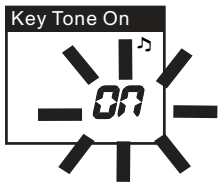


Key Tone On/Off

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

To turn key tone on or off:



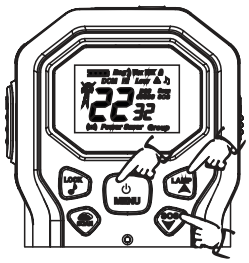


1. Press the Menu/Power button until the Key Tone icon is displayed. The current on or off setting flashes.
2. Press the Up ▲ or Down ▼ button to select key tone on or off.
3. Choose one of the following:

a. Press the Menu/Power button to enter the new setting and proceed to other functions.

b. Press PTT button to return to Standby mode.

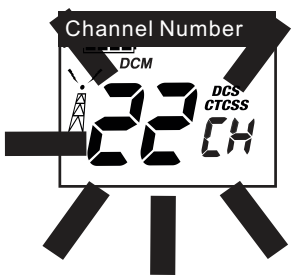
Dual Channel Monitor function.



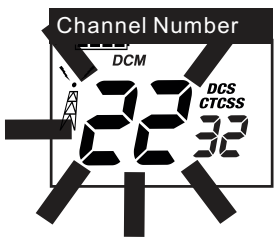
Dual Channel Monitor function

In stand-by, the Radio is set on one channel with CTCSS/DCS code. The Radio will only receive signals transmitted on that channel with the CTCSS/DCS code.

Dual Channel Monitor(DCM) allows you to monitor a second channel.



1. Press the Menu button Eight times until DCM and CH displays, the current channel flashes.
2. Press the UP ▲ or DOWN ▼ button to set the monitor channel.
3. Press the PTT button to save the double channel monitor setting.
4. Then the double channel will flash.

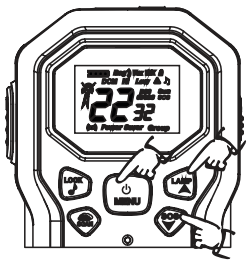


To turn Dual Channel Monitor（DCM）off:

1.Press the Menu button Eight times, the current channel flashes.Press the UP or DOWN button until the channel “OF” displays,Press the PTT button to set the monitor channel to turn off .

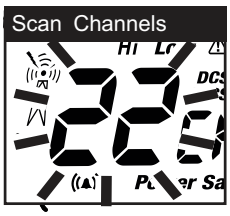
Channel Scan

Your radio can automatically scan channels.



To scan channels:

1. Press and release the Scan button until the Scan icon and the channel numbers appear on the display.
2. Press and hold the Scan button to begin scanning channels.



The radio ignores specific privacy codes 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 10 seconds.

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

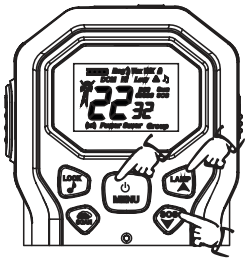
a. Press and hold the PTT button to communicate on that channel.Your radio will remain on that channel and return to Standby mode.

b. Press the Up or Down button to resume scanning channels.

c. Press and hold the Scan button to return to Standby.

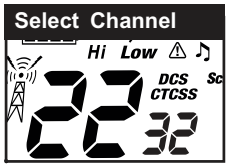
Privacy Code Scan

Your radio can automatically scan the Privacy Codes (either CTCSS 01 through 38 or DCS 01 through 99) within one channel. Only one set of privacy codes (CTCSS or DCS) can be scanned at a time.

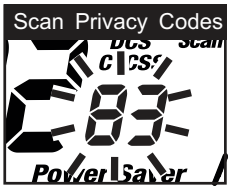


To scan privacy codes:

1. While in Standby mode, press and release the Scan button twice (CTCSS) or three times (DCS)until the CTCSS or DCS icon and numbers are flashing.



2. Press and hold the Scan button to begin scanning privacy codes within the selected channel.The Scan icon will continue to be displayed when privacy code scan is on. Your radio will continue to scan privacy codes and stop as an incoming transmission is detected. Your radio will remain on that channel/privacy code for 10 seconds.



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

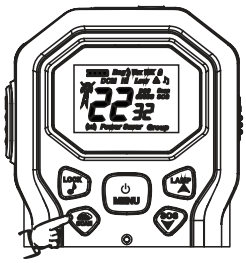
a. Press and hold SCAN button return to Standby mode.

b. Press and hold the PTT button to communicate on that channel/privacy code. Your radio will remain on that channel/privacy code and return to Standby mode.

c. Press the Up or Down button to resume scanning privacy codes.If you do not press any button within 10 seconds, your radio will automatically resume canning privacy codes.

NOAA All Hazards Radio Channels

You can use your radio to listen to NOAA All Hazards Radio channels transmitting in your area.

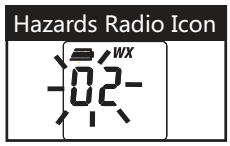


To listen to All Hazards Radio channels:

1. Press and hold the Weather(☁) button until the All Hazards Radio icon and the currently selected All Hazards Radio channel are displayed.



2. Use the Up ▲ or Down ▼ button to change All Hazards Radio channels.



3. The All Hazards Radio icon will continue to be displayed when All Hazards Radio is on.
4. To exit All Hazards Radio, press and hold the Weather button.

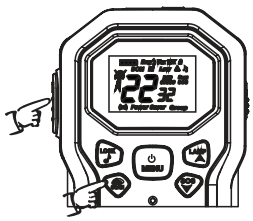
National Oceanographic and Atmospheric Administration Hazards Radio Icon

Weather (WX) Alert Mode

Turning On the Weather Alert function will allow your radio to automatically receive NOAA Hazard Alert radio signals and warnings from designated NOAA broadcast stations. If the radio is turned ON,it will alert to Weather and other emergency alerts broadcast by NOAA.

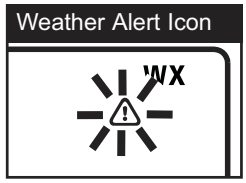
This feature is set to OFF by default.

Make sure the strongest Weather channel is selected for your area using the channel selection in the previous menu.



To turn Weather Alert On:

1. Press and hold the Weather(☁) button until the All Hazards Radio icon and the currently selected All Hazards Radio channel are displayed.



2. Press the MENU/Power button until the Weather Alert icon flashes on the display.
3. Press the Up ▲ and Down ▼ button to turn Weather Alert On.
3. Press the PTT button twice until the Weather Alert icon on the display.

To turn Weather Alert Off:
1. Press and hold the Weather(☁) button until the All Hazards Radio icon and the currently selected All Hazards Radio channel are displayed.
1. Press the MENU/Power button until the Weather Alert icon flashes on the display. The current On setting is displayed.
2. Press the Up and Down button to turn Weather Alert Off until the “OF” icon on the display.
3. Press the PTT button twice until the Weather Alert OFF.

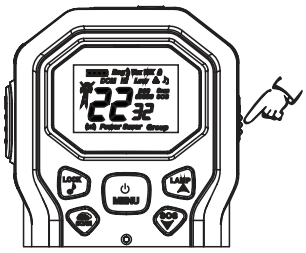
The NOAA Frequency Table

Channel No.	Frequency	Channel No.	Frequency
1	162.550MHZ	6	162.500MHZ
2	162.400MHZ	7	162.525MHZ
3	162.475MHZ	8	161.650MHZ
4	162.425MHZ	9	161.775MHZ
5	162.450MHZ	10	161.750MHZ

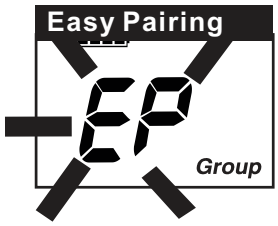
Easy Pairing

This feature allows a group of walkietalkie users to program all their walkie talkies to the same Channel and privacy code settings quickly and simultaneously. Any walkietalkie within the group can be designated as the "Leader’s walkietalkie" and have it’s Channel and privacy code settings transmitted to and copied by all the other walkie talkies in the group called "Members’ walkie talkies".

Note: When the "Leader's walkietalkie" has no privacy code feature,all walkie talkies in the group will have their privacy code set to zero. When the privacy code is set to zero, all transmissions on the selected channel will be heard,regardless of the transmitting radio privacy code setting.



1. Pick any of the walkie talkies as the "Leader's walkietalkie". On this walkietalkie, program the Channel and privacy code to the desired settings. See "Selecting the Channel" and "Selecting the privacy code" sections in this user manual.



2.Press and hold the PTT button on the "Leader's walkietalkie".

3. To copy the channel and privacy code combination to all the other "Members' walkie talkies", waiting for the transmission from the "Leader's walkietalkie".press and hold the " ⁂ " button on the "Members' walkie talkies" until the "EP" icon stop fashing.Release the button " ⁂ "after the beep and the "***Group*** " icon will be displayed.

4.Any walkietalkie within the group can be communication.

5.The process to turn it off is the same as turning it on, just press and release the "⁂" button to return to the Channel and privacy code before Easy Pairing.

6.Press and release the "⁂" button when your desired, "EP" is displayed on the LCD display.

Note:

• You will see the icon " EP" on the display. This confirms that the walkietalkie is in Easy Pairing mode waiting to receive the Channel and privacy code settings from the "Leader's walkietalkie".

• A group with many radios should have all users take this step at the same time, so all radios can be programmed together.

•Reset the Channel and privacy code of the Easy Pairing mode.See “Reset Guide" sections in this user manual.

FCC Statement

This equipment has been tested and found to comply with the limits for 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 to 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.

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 condition that this device does not cause harmful interference.

RF Exposure Warning

This equipment must be installed and operated in accordance with provided instructions and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance. The SAR limit adopted by US is 1.6 W/kg averaged over 1 grams of tissue. The highest SAR value for this device type when properly worn on the body is 0.68 W/kg.

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MA 01887,UNITED STATES

Manufacturer: Shenzhen ChangTaiWei Electronic CO., LTD
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