

# USER'S MANUAL



This set included 2 walkie-talkie units: there are communication devices which operate on mobile radio frequencies. They come with 22 channels as well as back-lit LCD screen, enabling you to communicate free-of-charge up to 5 mile in open field.

**Note:** Please read these user instructions carefully before using the equipment and retain for future consultation!

## Specific Recommendations

- To avoid the risk of burns, do not use the device if the aerial is damage in any way.
- Do not use the device in a potentially explosive setting (e.g. Around pumps, on the lower deck of a boat or around a fuel storage installation or chemical products)
- If traveling in a car or by bike, stop before using the device.
- Switch off the device if on an airplane or in a hospital.
- Never use the device in close proximity to a radio that avoid to interference.
- Remove the batteries if the device is not use for an extended period of time. Never mix used with new batteries.
- Position the transmitter and antenna at least 5cm from your face. Direct the antenna upwards and speak normally.
- Clean the device with a damp cloth. Avoid the use of cleaning agents and solvents.
- Do not modify the device in any way. In the event of damage occurring, ensure that the device us checked by a qualified professional.
- The device cannot be used to contact the emergency services.

## Key Functions



### Before Use the device

#### Removing the belt clip


Before insert batteries into the device, first pull up the belt clip latch away from the device.


#### Installing the Batteries

- 1, Remove the battery compartment cover.
- 2, Insert 3 AAA batteries each with correct polarity as indicated in the battery compartment.
- 3, Reattach the battery compartment cover making sure it is attached securely.



### Using the device

#### 1, Turning the Device on/off

Switch on the device: Press and hold on  2 seconds then you will hear a beep sound.

Switch off the device: Press and hold  3 seconds then you will hear a beep sound.

#### 2, Adjusting the volume

To increase the volume, press the Up  button. and press the Down  button to decrease the volume.

#### 3, Low Battery Indication

The device can detect the low battery level when the battery voltage goes low. When battery voltage is low, the battery icon will flash and a beep will be heard to indicate that the batteries need to be replaced.

#### **4,Receiving/transmitting communications:**

The devices are in "standby" mode when it is turned on and no transmitting. When a signal is received on the current channel, the LCD will display receiving icon in "reception" mode. When you press the PTT (push to talk) button, the devices switches to "Transmission" mode. Hold the device in a vertical position with the Mic 3-5cm away from your mouth. While holding the PTT button, speak into the microphone in a normal tone of voice.

Release the PTT button when you have finished transmitting.

For others to receive your transmission, they must be on the same channel with you.

#### **Note:**

1, The talking range will depend on your surroundings and environment. It will be affected by obstructions such as hills or buildings.

2, Don't try to use two devices which are less Than 1.5m (5 feets) apart. Otherwise, you may experience interference.

#### **5, Changing Channels**

Press the MENU button one time, The channel number will flash on the display.

Press the up▲/down▼ button to change the channel.

Press the PTT button to confirm and return stand-by mode.

**Note:** if no button is pressed within 6 seconds during setting, the device will return to stand-by mode.

#### **6, CTCSS and DCS Sub Codes**

Press the MENU button twice, the current sub code will flash on the display. Press the up ▲/down▼ button to change the 99 available codes.

Press the TALK button to confirm and return to stand-by mode. License free radio' s operating on the 400-470MHZ frequency band, the device has 22 radio channels. If there are many device users near you, there is a chance that some of the users are operating on the same radio channel.

You are free to choose one of the 99 available sub-channels. Due to filtering, these sub-channels will generally not be audible so they will not disturb the communication.

#### **7, VOX (Hands free function)**

Press the MENU button three times, the current VOX setting will flash on the display and the VOXicon will display.

Press UP▲ button to set the VOX sensitivity level between 1~3 level (level 3 is the high sensitive level). Press down▼ button until "OF" appears on the display to turn VOX off.

Press the PTT button to confirm and return to stand-by mode. In VOX mode, the radio will transmit a signal when it is activated by your voice or other sound around you. VOX operation is not recommended if you plan to use your device in a noisy or windy environment.

**Note:** VOX mode will be over ride when you press the PTT button.

## **8, Scanning for an Active Radio Channel**

Press and hold the UP▲ button 2 seconds: The "SCAN" function indicator will appear on the display and the channel will scan continuously from 1 to 22 (option).

Once an active channel is found, the scanning will stop and you can listen to the transmission.

When the transmission is on the found channel stop, the scanning will resume automatically.

**Note:** If you press PTT button while listening to a found channel, the device will go back to stand-by mode on the found channel.

## **9, Monitor**

Press and hold the DOWN▼ button about 3 seconds to active monitor.

Release the DOWN▼ button return to stand-by mode.

## **10, Setting the Call tones**

The device has 10 call tones. Press the MENU button 4 times, "CA" is displayed and on the current call-tone.

Press the UP▲/Down▼ button to change another call tones.

Press the PTT button to confirm and return to stand-by mode.

## **11, Sending a call tone**

Press the PTT button one time quickly, the call tone will be transmitted on the setting channel.

## **12, Key Tone On/Off**

Press the MENU button 5 times, "TO" will be displayed.

Press the UP▲/Down▼ button disable the Key Tone ON/OFF.

Press the PTT button to confirm your selection and return to the stand-by mode.

## **13, Roger Beep On/Off**

After the PTT button us released, the device will send out a roger beep to confirm that have stopped talking.

Press the MENU button 6 times, "RO" will be displayed.

Press the UP▲/Down▼ button disable the roger beep ON/OFF.

Press the PTT button to confirm your selection and return to the stand-by mode.

## **13, Backlit display**

Press any button except for the MENU button to activate the back light of the LCD display. The back light will light on about 5 seconds.

## **14, Power saving function**

When the device has not been used for 6 seconds, the economy mode is automatically activated. This does not affect the reception of transmission and the stand-by mode is automatically re-activated as soon as a signal is detected.

## 15, Built-in Flash light

Your device has a built-in flash light that can be used in sending light signals or for our lighting needs.

## 16, Lock & Unlock the device

Press and hold MENU button for 3 seconds to lock the device.

Press and hold MENU button for 3 seconds to unlock the device.

## 17, Technical specifications

Channel number 22 channels

Sub-code 99 CTCSS+DCS

Range Up to 5 mile in open field

## 18, How to reset the device?

When you didn't know what channel and sub-channel you are or the walkie talkies cannot communication each, you can reset the devices to Channel NO.1 and try to communication.

1, Power off the device.

2, Press & hold on the Power button and PTT button together 3 seconds, the device will be reset in Channel NO.1

## 19, Channel and Frequency (MHz)

### USA(22CH)

Ch.	Frequency	Ch.	Frequency	Ch.	Frequency	Ch.	Frequency
1	462.5625	7	462.7125	13	467.6875	19	462.6500
2	462.5875	8	467.5625	14	467.7125	20	462.6750
3	462.6125	9	467.5875	15	462.5500	21	462.7000
4	462.6375	10	467.6125	16	462.5750	22	462.7250
5	462.6625	11	467.6375	17	462.6000		
6	462.6875	12	467.6625	18	462.6250		

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.

#### 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.

#### Normal Position

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

Transmit no more than the rated duty factor of 50% of the time. To transmit (talk), push the Push-To-Talk (PTT) button. To receive calls, release the PTT button. Transmitting 50 % of the time, or less, is important because this radio generates measurable RF energy exposure only when transmitting (in terms of measuring for standards compliance).