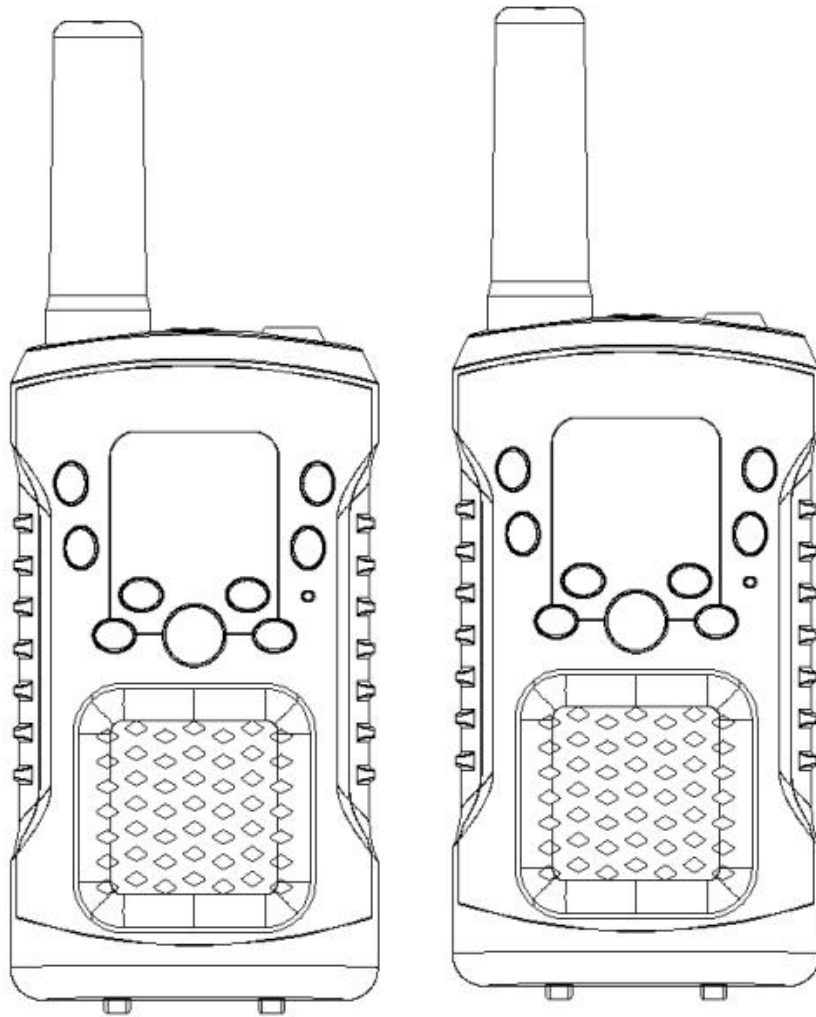


# User Manual

Handheld Walkie Talkies model T78



**ENGLISH INSTRUCTION**

# 1 Instruction For Use

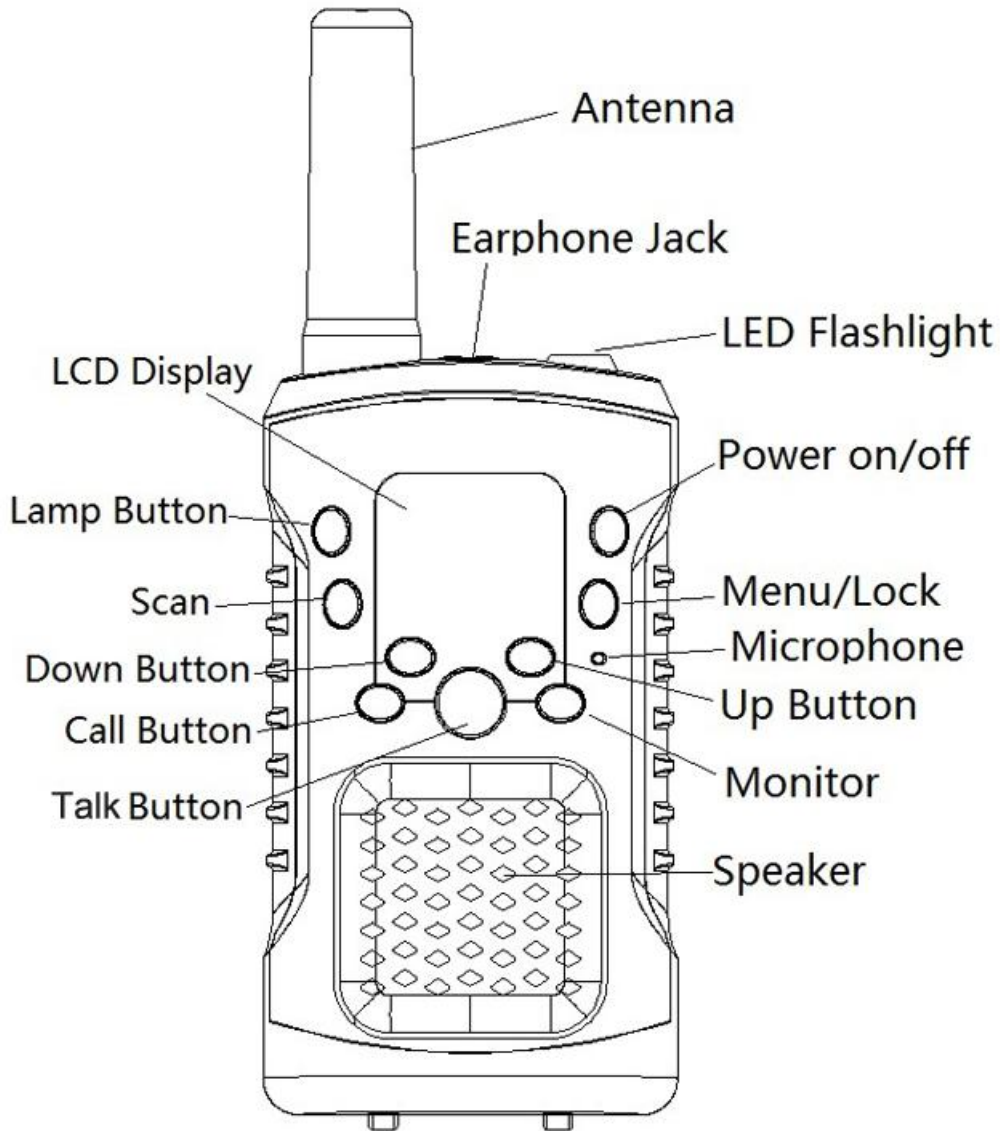
These walkie talkies are communication devices which operate on 462 MHz. They come with 22 channels as well as back-lit LCD screen, enabling you to communicate over several kilometers free-of-charge (up to 6Km) in open fields.

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

## **Specific Recommendations**

- If you carry any kind of personal medical device, please consult a doctor before use.
- To avoid the risk of burns, do not use the device if the aerial is damaged 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).
- Switch off the device if on an airplane or in a hospital.
- Remove the batteries if the device is not used for an extended period of time. Never mix used and new batteries.
- Position the transmitter and antenna at least 5cm from your face. Direct the antenna upwards and speak normally.
- These devices are not waterproof, please keep the devices dry.
- Do not modify the device in any way. In the event of damage occurring, ensure that the device is checked by a qualified professional.
- The device cannot be used to contact emergency services.

## 2 Key Functions



## 3 Before Use the device

### 3.1 Removing the belt clip


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


### 3.2 Installing the Batteries

- 1, Slid down the battery compartment cover.
- 2, Insert 4\* AAA Alkaline each walkie talkie(Not included)
- 3, Position the batteries according to the polarity making on the battery compartment.
- 4, After placing batteries into correct positions, replace the battery cover.



## **4 Using the device**

### **4.1 Turning the device on/off**

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

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

### **4.2 Adjusting the volume**

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

**Note:** The volume level is display on the screen.

### **4.3 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.

### **4.4 Receiving/transmitting communications:**

The devices are in "Reception" mode when it is turned ON and no transmitting. When a signal is received on the current channel, the LCD will display in reception.

When you press the TALK (push to talk) button, the devices switches to "Transmission" mode.

Hold the device in a vertical position with the microphone 3-5cm away from your mouth. While holding the TALK button, speak into the microphone in a normal tone of voice. Release the TALK 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 feet) apart. Otherwise, you may experience interference.

#### **4.5 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 TALK button to confirm and return to stand-by mode.

**Note:** if no button is pressed within 10 seconds during setting, the device will return to stand-by mode.

#### **4.6 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.

#### **4.7 VOX (Hands free function)**

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

Press UP▲ button to set the VOX sensitivity level between 1 and 3 level(level 3 is the high sensitive level).

Press down▼ button until "OF" appears on the display to turn VOX OFF.

Press the TALK 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 TALK button.

#### **4.8 Scanning for an active radio channel**

Press the **Z** Scan button: The "SCAN" function indicator will appear on the display and the channel will scan continuously. 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 TALK button while listening to a found channel, the device will go back to stand-by mode on the found channel.

#### **4.9 Monitor**

Press the MON button about 3 seconds to active monitor. Release the MON button return to stand by mode.

#### **4.10 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 these 10 call tones one by one.

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

#### **4.11 Sending a call tone**

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

#### **4.12 Key Tone On/Off**

You can on/off the key tone when press the buttons.

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

Press the UP▲/Down▼ button disable the key tone ON/OFF.

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

#### **4.13 Roger Beep On/Off**

After the TALK button released, the device will send out 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 TALK button to confirm your selection and return to the stand-by mode.

#### **4.14 Backlit display**

Press any button except for the light button to activate the display back light. The back light will light on 10 seconds.

#### **4.15 Earpiece connection**

The device can be used with earpiece (If there is earpiece packed together with the device).

The connector is located on the top of the device.

Insert the earpiece plug into the connector (2.5mm jack).

There is a "TALK" button on the earpiece that has the same function as the TALK button on the device.

When you use the TALK button from the earpiece, you must also use the microphone from the earpiece to talk.

Note: Do not connect other earpieces, it may damage your device.

#### **4.16 Battery saving function**

When the device in stand-by mode 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.

#### **4.17 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.

#### **4.18 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.

## 5 Technical specifications

Frequency	462 MHZ
Channel number	22 channels
Sub-codes	99
Transmission Power	≤0.5Watts
Modulation type	FM-F3E
Battery Type	AAA Alkaline
Range	①In the City: 500~ 1 Km ② Neighborhoods: 2~3 Km ③Open Filed : 6 Km

## 6 FCC compliance statement

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

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 SAR statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body.

## 7 Channel and Frequency (MHz)

### USA/CANADA (22CHS)

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		