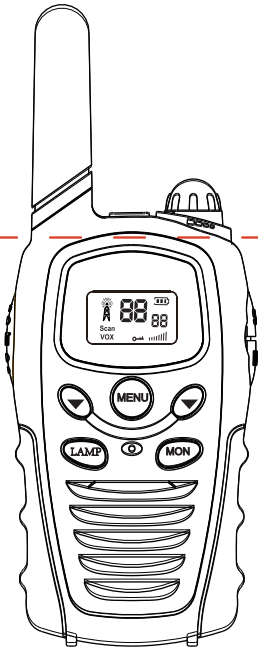


# USER'S MANUAL

Model: H - 628



## WARNING

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.

## IMPORTANT NOTE:

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 disconnected
- Consult the dealer or an experienced radio/TV technician for help

## SAFETY INFORMATION

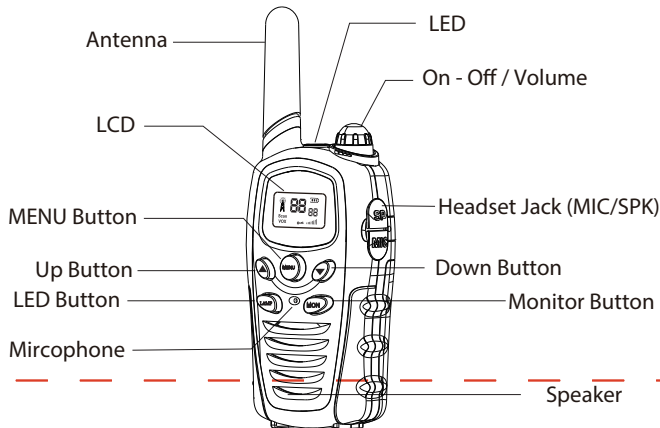
Your wireless hand-held portable transceiver contains a low power transmitter. This product sends out radio frequency (RF) signals when the Push-to-Talk (PTT) button is pressed. The device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless devices. To control your exposure and ensure compliance with the general population or uncontrolled environment exposure limits, transmit no more than 50% of the time.

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.

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

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

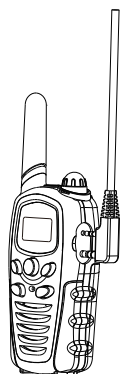
## Radio Controls



## Installing the Earpiece

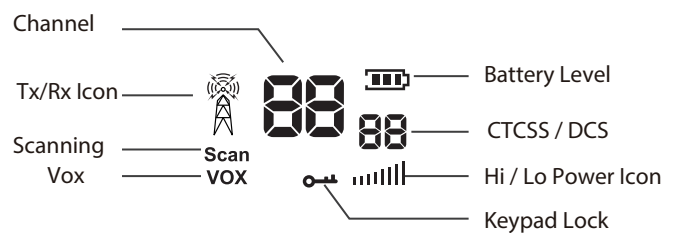
### Note:

Open the cover of the earpiece jack align the connector and push fully in. (figure 2)



( Figure 2 )


## Display



### Note:

- ◆ When Transmitting LCD display Icon.
- When Receiving LCD display Icon.
- No Transmitting , Receiving LCD display Icon .
- ◆ When you selection high power , the appears on the display .
- When you selection low power , the appears on the display .
- ◆ No high and low power switching function when the machine is in channel CH8~CH14.

## Radio Battery Meter

The number of bars (  ) on the radio battery icon shown indicates the charge remaining in the battery when the radio battery meter shows 0 segments, the radio chirps periodically (Low Battery Alert). When the battery power falls below 3V, the intercom will shut down. Note: Remove the battery from the radio for storage purposes.

## Turning your radio ON and OFF



1. To Power on your radio, turn rotary knob clockwise
2. To Power off your radio, turn rotary knob counterclockwise

## Setting the Volume

1. To increase volume, turn the rotary knob clockwise
2. To decrease volume, turn the rotary knob counterclockwise

## Talking and Listening

All radios in group must be set to the same channel and Sub-code in order to communicate.

1. Hold your radio 2 to 3 inches from your mouth
2. Press and hold PTT button while speaking. The transmit icon appears on the display 
3. Release PTT button to receive incoming calls. The radio displays receive  icon.

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## Monitor Button


Press and hold Scan/Mon 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 Time-out Timer

To prevent accidental transmissions and save battery life, the radio will stop transmitting if you press the PTT button for 180 seconds continuously.


## Selecting the Channel

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

1. Press the Menu/Lock button until the channel number starts to flash
2. Press  to change the channel
3. Press the PTT button to exit menu or menu to continue setup.

## Setting the Sub-Code

Sub-codes help minimize interference by blocking transmission from unknown sources. Your radio has 99 sub-codes. To set the code for a channel:

1. Press Menu for 2 times until the code starts to flash.
2. Press  to select code. Your radio can transmit different call tones to other radios in your group.
3. Press the PTT button to exit menu or menu to continue setup.

## Setting and Transmitting Call Tones


1. Press Menu until call tone '1' appears. The current call tone setting flashes.
2. Press A/V to change and listen to the call tone. To set a call tone.
3. Press the PTT button to exit menu or menu to continue setup.

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## Setting and Transmitting Call Tones


When you press and hold "LAMP" button for 3 seconds, your radio can transmit call tones to other radios in group.

To set a call tone:

1. Press Menu until call tone '1' appears. The current call tone setting flashes.
2. Press  to change and listen to the call tone. To set a call tone.
3. Press the PTT button to exit menu or menu to continue setup.


## Voice Operated Transmission (VOX)

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

1. Press "MENU" for 3 times to enter the VOX function selection.
2. Sensitivity level. Press menu until VOX icon appears on the display. Press  to select sensitivity. (1-Low sensitivity, 2-Medium sensitivity, 3-High Sensitivity)
3. Press the PTT button to exit menu or menu to continue setup.


## Dual Channel Monitor

Enable you to scan current channel and another channel alternately.

1. Press "MENU" for 6 times until 'ch' appears on the display.
2. Press  to select channels.
3. Press the PTT button to exit menu or menu to continue setup.


## Keypad Tones

You may enable or disable the keypad tones. You will hear the key tone each time a button is pushed.

1. To disable/enable keypad tones, power OFF your radio. Press  button, power ON radio at the same time until you see the display.

## Roger Tone

You can set your radio to transmit a unique tone when you finish transmitting.

1. To disable/enable roger tone, Press "MENU" for 7 times, enter the Roger Tone selection, Press  to ON or OFF.

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## Factory Reset


You may reset your radio to factory setting.

1. To factory reset your radio, power OFF your radio. Press MENU button, power ON radio at the same time until you see the display.

## LED Lamp





Your radio has a built-in LED lamp.

PRESS 'LAMP' button once to ON the lamp, press again to OFF the lamp. Setting High/Low Power.

1. Press Menu until 'pr' appears on the display.
2. Press  to select HI or LO (hi-high Power, LO- Low Power)
3. Press the PTT button to exit menu or menu to continue setup.

## Keypad Lock

To avoid accidentally changing your radio settings.

1. To lock the radio, press and hold MENU/  button until the key lock indicator  icon on display appears.
2. To unlock the radio, press and hold MENU/  button until key lock indicator  icon on display.

## Scanning Channels

Use the scan function to search all channels for transmission from unknown sources; find someone in your group who has accidentally changed channels or find unused channels quickly for own usage.

1. Press the Scan/Mon button briefly to turn on the scan function.

## Technical specifications

Channels	22
Sub-code	CTCSS:1-38 DCS:39-99
Frequency	FRS:462.5500-467.7125 MHz
Range	Up to 3 Km ( Open field )
Battery	3XAA
Transmission Power	HI:20.7dBm LO:13.7dBm
ERP Modulation Type	FM - F3E
Channel spacing	12.5 KHZ

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