



## G-066ST USER MANUAL

### FAILURE AND SOLUTION

Failure	Solutions
No Power	<ul style="list-style-type: none"> <li>• Check cells to confirm whether cells are properly installed;</li> <li>• The cell volume may be insufficient;</li> <li>• Cells may have been damaged. Change into new battery.</li> </ul>
Poor receiving signals	<ul style="list-style-type: none"> <li>• Press Up key to increase Volume ;</li> <li>• The receiving signals may become weak or go beyond receiving range;</li> <li>• Hold the watch walkie to higher position, In order to have the ideal effect,</li> </ul>
Unable to change channels	<ul style="list-style-type: none"> <li>• In changing channels, press Menu key until the channel numbers flash on the display screen;</li> <li>• Press Up key or Down key to change channels;</li> <li>• Cell volume may be insufficient.</li> </ul>
Limited receiving range	<ul style="list-style-type: none"> <li>• Cell volume may be insufficient;</li> <li>• In the case of any indication of insufficient cell volume, please charge the rechargeable battery or replace new battery;</li> <li>• The effective receiving range is affected by terrain or environment;</li> <li>• The receiving range may be the greatest if it is in the open space. tured buildings, or the corners of streets, or factory buildings, or in cars, the receiving range will be seriously affected;</li> <li>• Check the position of the antenna. In order to have the ideal effect, please place the antenna upwards.</li> </ul>
Distortion of sound	<ul style="list-style-type: none"> <li>• In sending messages, your mouth must be 5cm away from the microphone and talk in a normal voice;</li> <li>• In receiving signals, please regulate volume to an appropriate level;</li> <li>• Both talkers must keep apart by 2 meters at least or even farther;</li> <li>• The both sides may be too far away, or there is an obstacle that hinders the sending of signals. If there is no obstacle between the two sides, the talk range is up to 7 kilometers but no guarantte.</li> </ul>

FCC & CE1313 & ROSH

### Welcome to Use G-066ST/USB or G-066ST/A3

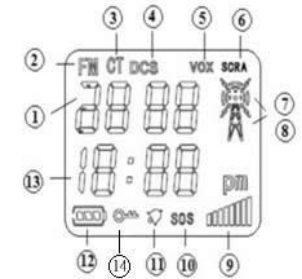
Please read carefully this User Manual in order to have a better understand of all functions of two way watch talkers.

### Principal Characteristics of this Unit

- Watch type with adjustable watch band;
- This radio was made in TXCO control and one-to-more radios communication;
- FM Radio from 87.50MHz to 108MHz ;
- With effective communicative distance up to 7 kilometers in open apace but no guarantee;
- CTCSS and DCS 1-99 sub-channel encode & decode;
- Voice scrambler get more privacy;
- VOX, voice activate PTT with 1-3 level selection;
- Clock alarm & SOS emergency alarm ;
- 12-hour/pm display.
- Stop Watch and Keypad Lock Function
- USB charging with battery protection circuit .
- using 3.7V lithium battery in G-066ST/USB
- using 3×AAA size battery in G-066ST/A3

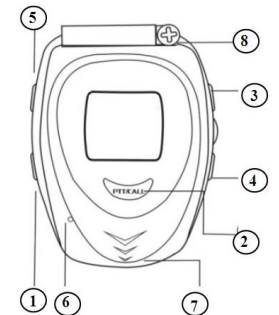
### Liquid Crystal Display Screen

1. Channel numbers (00) : Display the current channel
2. FM : FM Radio from 87.50MHz to 108MHz
3. CT : 1-38 CTCSS sub-channel
4. DCS : 39-99 DCS sub-channel
5. VOX : Voice activate PTT
6. SCRA : Voice scrambler
7. Transmission indicator : Indicator at the moment of transmission signal;
8. Receiving indicator : indicator at the moment of receiving signal;
9. Volume level bar : Display the current volume setup;
10. SOS : Emergency alarm call
11. Clock alarm ;
12. Battery capacity display
13. 12 hour/pm time display
14. Keypad Lock Function



### Description of Structure

1. POWER/MENU Key (Continue Press this key to select "Key Lock" & "POWER On/Off") : When you press this key shortly, it give short music sound to start the menu list; and press this key again to go th next different "Menu Mode"
2. PTT key (Press To Talk / Call alert) : Keep pressing this key continue to send voice message. If shortly press the key twice to activate "Call Alert" and send alert tone to another user;
3. UP key : Adjust volume (in the default state),Adjust channels and time in the menu state;
4. DOWN key : Adjust volume (in the default state),Adjust channels and; time in the menu state
5. SCAN key : Press this key to enter the channel scanning;
6. MIC : Built-in microphone;
7. Speaker : Built-in speaker;
8. Antenna : For TX/RX



## Points for Attention

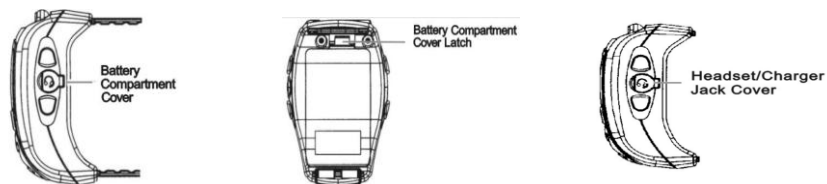
This unit is in compliance with the communication control standards, so the following rules and regulations must be observed:

1. While you use the unit, we do not guarantee that secrets will not be disclosed in communication ;
2. There must not be any harmful interference to be caused when you use this unit.  
This unit must accept interference ;
3. Any unauthorized changes in or adjustment of the built-in setup such as changing frequency, launching power, or extending antennas, etc beyond the specified range are illegal acts, or even lead to a breach of telecommunication management and control;
4. Do not use this unit where there is danger, including gas stations, hospitals, airports or any other gas or electric places without shield protection;
5. Do not use any detergent or thinner to wipe or clean this unit. Only use dry, alkaline-free or well-distributed soft cloth to clean batteries, etc;
6. You can have an ideal talking effect. Please put the antenna upward during the communication and keep it 5cm distance from your face with talking normal voice; and
7. Although this radio has battery cell protection circuit, if you do not use it for long time, please take out the battery cells. Also, if you use rechargeable battery, you must use indicated USB cable to charge the rechargeable battery become fully charge before using again.

## Battery Installation

Battery (attached with the unit) is applied to this talker. The installation and replacement of cells are described as follows:

1. Press down the fixed button on the side of the battery cover of this unit to open the battery cc
2. In the time of installing the new battery, please place the batteries cell into the cell compartment. In installation, please note the polarity within the compartment and the cell itself; and
3. Put the cell compartment where it is and lock tightly the fixed button for the cell cover.



## ! Special Caution: Never inserting USB charging if this unit is not installed with indicated rechargeable battery !!!

This radio has (Option) USB charging cable, please see the charging procedure as the following :

1. Lift up the earphone /charger jack cover on the side of this unit;
2. Connect (Option) USB cable into charging device such as computer or USB AC adaptor.
3. Connect (Option) USB cable to the earphone/charger plug, In the charging process, the battery icon become flashed when charging. After fully charge, the battery icon become constant.

Note: For the first time charging, please charge the rechargeable battery for as long as 12 hours. After completion charging, you must take out the USB cable to leave from the radio, it avoid radio become damaged.

## Low Battery Operation

When the battery is detected as low voltage, the battery icon bar will reduce and until empty battery bar.

When you heard low voltage alert tone, the battery must be charged otherwise it will work not properly.

When you still not charge the battery for certain time, the radio will auto-off (become time mode only)

It will quit from walkie talkie mode & please charge the battery at least 6 hours before you use it again.

## Menu Setting

POWER/MENU Key (Short Cut Setting) :

When you press this key shortly, it give short music sound to start the menu list:

the 1st Press will go to Channel mode and 2nd Prss will go to CTCSS/DCS model:

Please see the short cut introduction of different menu list at the below :

1st Press CHANNEL mode : Press Up/Down key to select your desired channel;

2nd Press CTCSS/DCS mode : 1-99 Tone Selection, press Up/Down key to select your sub-channel;

3rd Press VOX mode : Voice activate PTT, press Up/Down key to select ON/OFF with 1-3 VOX level selection

4th Press Hour Setting : 12 Hour/PM selection, "Blank" is am morning time mode & "pm" is afternoon mode

5th Press Minute Setting : 00-60 minute selection, "Blank" is am morning time mode & "pm" is afternoon mode

6th Press Clock Alarm : Press Up/Down key to select your clock alarm ON-OFF. If you select ON please continue press Menu button & go to set the clock alarm time.

7th Press Call alert : Press Up/Down key to select your call allert tone with 9 selection.

8th Press Voice Scrambler : Press Up/Down key to select voice scrambler ON-OFF.

8th Press Voice Scrambler : Press Up/Down key to select voice scrambler ON-OFF.

9th Press Stop Watch : Press Up/Down key to start the time counting & press any key to stop the counting.

10th Press SOS mode : Press Up/Down key to select SOS emergency alarm ON-OFF with 3-5, 5-5

10-5 alarm time selection. If you select ON with desired alarm time, then you see SOS icon constant. When SOS mode is ON, press "DOWN" key 3 second until SOS icon become flash to activate SOS alarm tone. When you need stop SOS alarm tone, press "DOWN" key 3 second until SOS icon become constant, the alarm tone will be stopped.

## Special Key Setting

- POWER/MENU Key :

Press POWER/MENU Key : Continue press this key approx. 3 second, "Key Lock" will be activate.

Press this key approx. 5 second, the walkie will switch in turn ON or turn OFF. (Turn OFF is go to Time Mode only)

- FM RADIO mode :

Continue press UP key approx. 3 second, "FM Radio" will be activate, please press Up/ Down key to select the radio channels from 87.50t ~ 108.00MHz. Whe press UP button approx. 3 second again will QUIT from FM Radio.

## Using Earphone

- Lift up the earphone/charger jack cover on the side of the unit;
- Insert the earphone plug into the earphone/charger jack and adjust the location of your earphone;
- Set the talker into the VOX mode. When the VOX function is set to ON, you do not have to keep pressing the earphone/talk key for any talks. When the VOX function is set to OFF, keep pressing the earphone talk key for talks; and
- When you use your earphone to hear the other side talk, press Up key or Down key to adjust volume to an appropriate level.

## Technical Specifications

License free country: Europe/Hongkong/Japan/USA for your option

Channels available: 8/20/21/22 channels for your option

Operating frequency: 446/409/422/462MHz

Power: 3.7V lithium battery

Output power: 0.5W maximum

Service life of cells: On the basis of services

Receiving range: up to 7km (in open space but no guarantee)

USB charging: ~ 5V DC

TX power current: ~ 300 mA

RX power current: ~ 100 mA

Standby current: ~ 50 mA

Time mode current: ~ 5mA