

# RETCVIS

## Rt35

### Kids walkie talkies



## User's manual

# Model RT 35

## Precautions

This unit conforms to telecommunications management standards, please observe the following rules when using.

1. When Using this machine, you should not cause harmful interference and must accept any received signal.
2. Any operation without permission is illegal, and maybe violet the telecommunications management standards. Such as: change the frequency, change the transmit power, extend the antenna, and so on.
3. This machine cannot be used in a hazardous environment, because it may cause an explosion or fire. The hazardous environment include: gas stations, hospitals, airports, the place without electrical shielding and so on.
4. Do not use soft cloth with detergent or solvent to wipe or clean the machine, use the dry, acid-free soft cloth only.
5. In order to ensure the best voice quality, please keep 5cm distance between your mouth and the machine and use your normal voice intensity. To get a better voice quality, please turn the antenna upward.
6. The battery of this machine has an internal protect function.

## Battery Usage

The mini walkie-talkie built-in lithium ion battery. The fittings include USB charger that can charge the lithium battery, the charging method is as follows:

- 1.The charging jack is at the right side of the machine.
- 2.Connect the USB charger to a standard power socket.
- 3.Then connect the USB charger to the charging jack or headphone jack. During charging, the battery indicator will be cycle moving. And when charging complete, the cycle moving will be stopped.









## Preface

Welcome to use this mini walkie-talkie, please read this user manual carefully in order to understand all the operating function.

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| Walkie talkie             | 2 |
| Battery                   | 2 |
| Clip                      | 2 |
| Double connector USB line | 1 |
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## Menu mode LCD instructions



| indicator   | name   | content   |
|---|--|---|
| 218   | Channel programming/<br>clock / volume level | Channel programming / clock / volume level.<br>When the volume level is displayed in the number of standby Press up or down key   |
| 188   | CTCSS / DCS programming<br>/volume           | When the minutes standby, press PPT key to display after the current CTCSS / DCS programming number.<br>Standby display the volume indication  press up key or down key. |
|  | Battery power display                        | Show the number of cells, the more power the more foot: High power <br>low battery    |
|  | Hands - free instructions                    | Display when the unit is in the VOX mode of operation.  |
|  | Alarm indication                             | Display when the unit is in the alarm mode of operation.  |
|  | Open the intercom function indication        | Display when the unit is in the open mode.<br>When close will not show this icon.   |
|  | Scanning instructions                        | Display when the walkie-talkie under scan function.   |

## ITEM DESCRIPTION

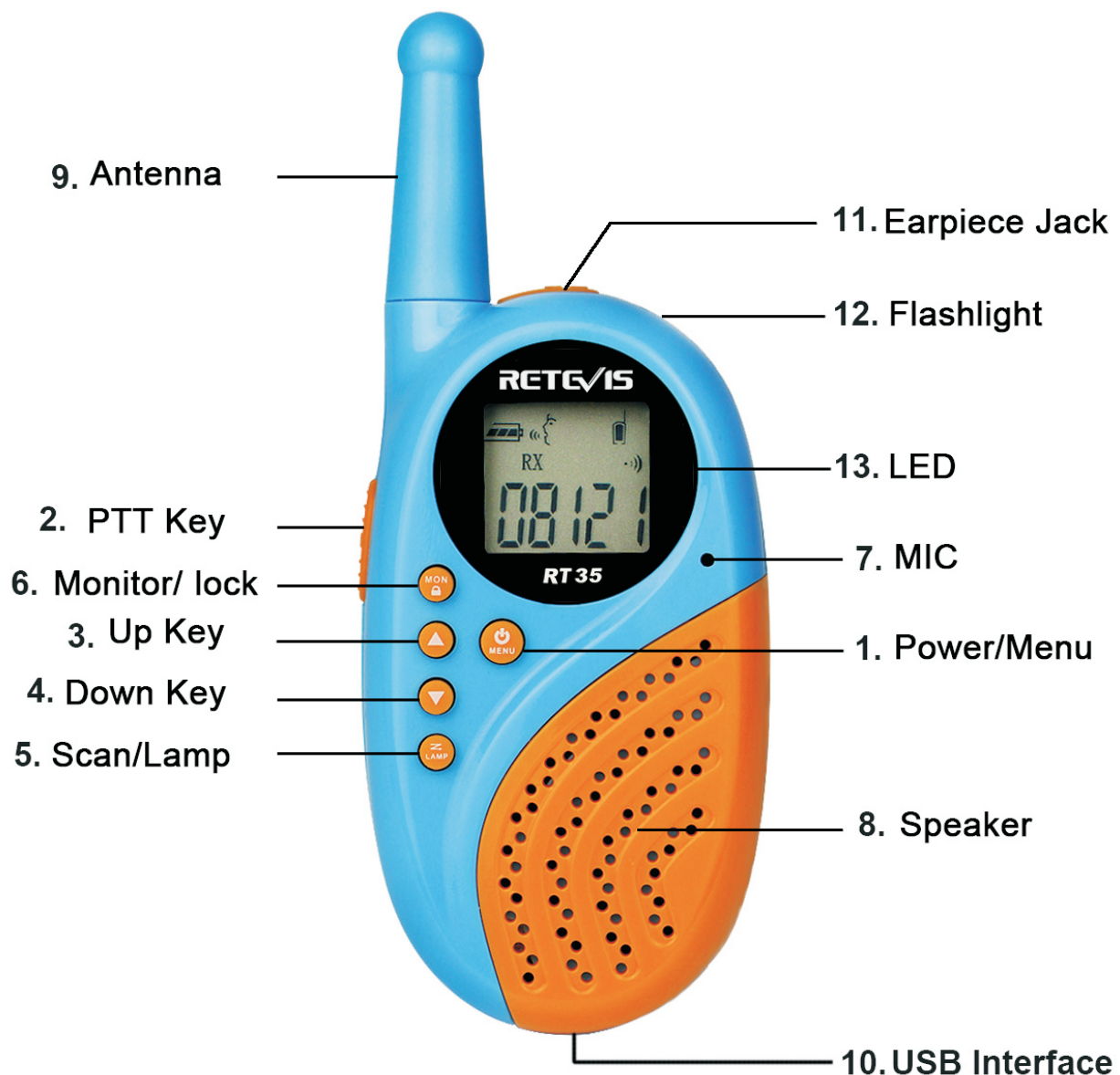
| Number | Name                 | Description   |
|--------|----------------------|---|
| 1      | Power/Menu Button    | Long press this button can open / close radio; short press to enter the radio function setting. |
| 2      | PTT key              | Press and hold this button to transmit information quickly press twice to send calling sound.   |
| 3      | Up key               | Use this button to adjust volume or function setting choosing.                                  |
| 4      | Down key             | Use this button to adjust volume or function setting choosing.                                  |
| 5      | Scan/ Lampe          | Long press to enter the scanning channel, short press to enter the illumination.                |
| 6      | Monitor/ Lock button | Long press to enter the inter-lock, short press enter monitor function.                         |
| 7      | MIC                  | Built-in microphone.  |
| 8      | Speaker              | Built-in speaker.   |
| 9      | Antenna              | Enhanced signal reception and emission.   |
| 10     | USB Interface        | It is a walkie-talkie charging interface.   |
| 11     | Earpiece Jack        | It is a walkie-talkie headset jack.   |
| 12     | Flashlight           | It is a walkie-talkie lights.   |
| 13     | LED                  | It is a walkie-talkie LED.  |

### Notice:

This radio come with a dedicated charger, To avoid damage your radio and lithium ion batteries, please do not use other chargers. Please do not transmit when charging.

The new battery should be charger around 12hours when use it first time..







## The main features of walkie-talkie

1. A plurality of selectable channels.
2. Automatic squelch.
3. Auto save power.
4. It has an internal voice intercom (speakerphone) function.
5. Having a channel scan function.
6. 24-hour time display.
7. Alarm reminders appear.
8. Backlit display.
9. Use BL-5B lithium batteries

## Battery low power tips

When the unit is low battery in the talk mode and standby mode, power indication  start Flashes. Remind you to recharge.

## Using the walkie-talkies

1. Press and hold the Power / Menu button about 3 seconds, the unit will power on to speak mode, The display shows the icon  under intercom mode.
2. Press the Power / Menu button to access the function settings. Activated icon will begin blinking.  
Press repeatedly this button, explore other menu functions until back to the intercom mode. Every time you press the Power / Menu button, the function or icon will show on the screen.
3. After activate a function icon, press the up or down key to select menu options.
4. Press PTT-button to save and back to standby.

## Select channel

1. When the radio is Standby, press the Power / Menu button again until the current channel starts flashing on the LCD screen, you can change the Channel.
2. Press the up or down key to select the channel number.
3. Press the Power / Menu button to save the settings and return to the receiving status.
4. Press the PTT-button to save and return to the receiving status.

## **CTCSS/DCS**

Select CTCSS/DCS which allows you to receive calls from members of the same group (same mute code) issued, avoiding the same frequency interference from other users.

Note: CTCSS / DCS cannot make your talking content keep secret, it can only make you unable to receive calls from other CTCSS / DCS users.

1. When standby, press the Power / Menu button twice, until the mute code of current channel starts flashing, thus you can reset status of CTCSS/DCS.

Press the up key or down key to select the privacy code.

Long press the up key or down key to select the privacy code quickly.

2. Press the PTT / CALL to save the settings. Or press the power / menu button to enter next function option.

## **Channel scan**

Scan function lets you scan all channels occupancy.

1. When standby, press the Scan button to activate scan function, the machine starts to scan all channel activities), when there are voices in scanned channel, it will stay 4~5s in this channel, then continue to scan next channel.)

2. Press the Scan button to exit the channel scan.

## **Transmission and reception**

1. On receiving status once power on.



2. Press the PTT key, and use the normal voice to speak, there should be 5 cm between mouth and microphone.

3. After speaking, release the speaking PTT key, the machine is in the receiving status.


## **Adjust the volume**

This machine has eight adjustable volume. Press the up or down key to adjust the volume when the walkie talkie is under standby.

## **Call Tone**

This machine has 10 call alerts sound available.

## **Call Tone Setting**

1. When Standby, repeatedly press the Power / Menu key to call setting  on the LCD screen.

2. Press the up or down key to select a call tone.

3. Press the Power / Menu button to save the settings and then enter other function setting, or press PTT key to save and return to standby.


## **Send call alerts sound**


1. When you need to send call alerts, press the PTT key twice quickly, Call alarm will be send automatically.

2. When call alerts sound transmit complete, you can hear a short confirmation sound, the unit will be back to radio standby status.

## Hands-free function

The machine is equipped with hands-free function, no need to press PTT key , it can automatically send voice.

1.When Standby, repeatedly press the Power / Menu button until the LCD hands-free function label  appears.

2.Press the up or down key to switch hands-free on / off function, alternately shows "0,1,2,3", Appears on the display Hands-free indicator  .

(0: close hands-free function; 1: noisy environments; 2: Under normal circumstances use: 3: quiet environments)

## Use earplugs (optional)

1.The walkie-talkie is set to non-hands-free mode.

2.Open the headset/charger jack on the side of the machine. Insert the headset.adjust the microphone position.

## Automatic power saving feature

The machine is equipped with a unique circuit that can extend battery life, If you do not receive any signal transmission within 5 seconds, it will automatically switch to energy-saving mode, in this mode, you can still receive the signal)

## **Automatic squelch**

The machine has automatic squelch function, provide high-quality voice effects, you can hear more clearly.

## **Backlit display**


Press any key, the LCD backlight is automatically displayed for five seconds.

## **Set the time**

The unit has a 24-hour clock function set as follows:

1. Standby, press the Power / Menu button eight times until the hour digits displayed.
2. Press the up or down key to increase or decrease hour digits, time can be set from 0 to 24 hours.
3. Press the power / menu button until the minute digits displayed.
4. Press the up or down key to increase or decrease the minute digits.
5. Press the power / menu button to enter other feature settings or press PTT key to save.

## **Set the alarm**

1. Standby, repeatedly press the Power / Menu button until the alarm symbol  appears on the LCD screen. Press the up or down key to select turn off or turn on the alarm function.
2. Press the Power / Menu button to enter the set alarm hour time setting. Hours start flashing, press the up key or down key to set alarm hours. Press the Power / Menu button starts blinking minutes, Press up key or down key to set alarm minutes.
3. Press PTT key to save.

## Key tone

1.Standby, press the Power / Menu button seven times press up key or down key to select turn on or turn off the key tone..

2.Press PTT key to save.

## Channel frequency

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

| EU channel Frequency |           |           |           |           |
|----------------------|-----------|-----------|-----------|-----------|
| Channel              | 1         | 2         | 3         | 4         |
| Frequency            | 446.00625 | 446.01875 | 446.03125 | 446.04375 |
| Channel              | 5         | 6         | 7         | 8         |
| Frequency            | 446.05625 | 446.06875 | 446.08125 | 446.09375 |

## Malfunction and troubleshooting

| Malfunction                                | Troubleshooting  |
|--|--|
| No power supply                            | <ol style="list-style-type: none"> <li>1、 The battery may be low.</li> <li>2、 Use the special charger to charge the battery.</li> <li>3、 Battery may be damaged, replacement of the lithium-ion battery.</li> </ol>  |
| Received signal Poor                       | <ol style="list-style-type: none"> <li>1、 Press the up key to increase the volume.</li> <li>2、 The received signal may be weak signal, otherwise out of range.</li> <li>3、 Check the antenna . For getting the best call quality, make the antenna up.</li> </ol>  |
| We cannot change the channel               | <ol style="list-style-type: none"> <li>1、 When you at channel mode, press the power / menu button until the channel number flashes up on the screen.</li> <li>2、 Press the up or down key to change the channel.</li> <li>3、 The battery may be low.</li> </ol>  |
| Reception range limited, sound distortion. | <ol style="list-style-type: none"> <li>1、 The battery may be low. If indicate low battery, recharge the battery.</li> <li>2、 Effective reception range affect by terrain and environmental .</li> <li>3、 Check the antenna . For getting the best call quality, make the antenna up.</li> <li>4、 the reception range of the car will be seriously affected by Shade trees, the plant building.</li> </ol>  |
|  | <ol style="list-style-type: none"> <li>6、 When transmit a signal, keep 5 cm distance between the mouth and the microphone, speak in a normal voice.</li> <li>7、 When receiving signal, adjust the volume level.</li> <li>8、 The caller should maintain a minimum distance of 3 meters, even father.</li> <li>9、 If far away between caller and respondent, obstacle will be affect the signal transmission. If there no obstacle ,communicate range can reach to 3km.</li> </ol> |

## **Warning**

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

SAR tests are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. Before a new model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each product are performed in positions and locations as required by the FCC.

For body worn operation, this device has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal.

To maintain compliance with the FCC's RF exposure guidelines, hold the transmitter and antenna at least 1 inch (2.5 centimeters) from your face and speak in a normal voice, with the antenna pointed up and away from the face.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to comply with the FCC RF exposure requirements, the antenna installation must comply with following:

Users must be fully aware of the hazards of the exposure and able to exercise control over their RF exposure to qualify for the higher exposure limits.

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%.

## **FCC Licensing Information**

This device operates on GMRS frequencies which require a license from the Federal Communications Commission (FCC) for business, personal, education and recreational use. To obtain forms, call the FCC forms hotline at: 1-800-418-3676 or go to <http://www.fcc.gov>.

For questions concerning GMRS licensing contact the FCC at 1-888-CALL-FCC (1-888-225-5322).





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