RETEVIS

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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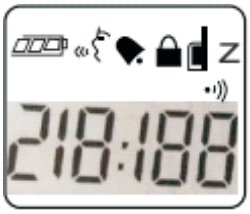
Menu mode LCD instructions



indicator	name	content
218	Channel programming/ clock / volume level	Channel programming / clock / volume level. When the volume level is displayed in the number of standby Press up or down key
188	CTCSS / DCS programming /volume	When the minutes standby, press PPT key to display after the current CTCSS / DCS programming number. Standby display the volume indication Uo press up key or down key.
	Battery power display	Show the number of cells, the more power the more foot: High power 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. When close will not show this icon.
	Scanning instructions	Display when the walkie-talkie under scan function.

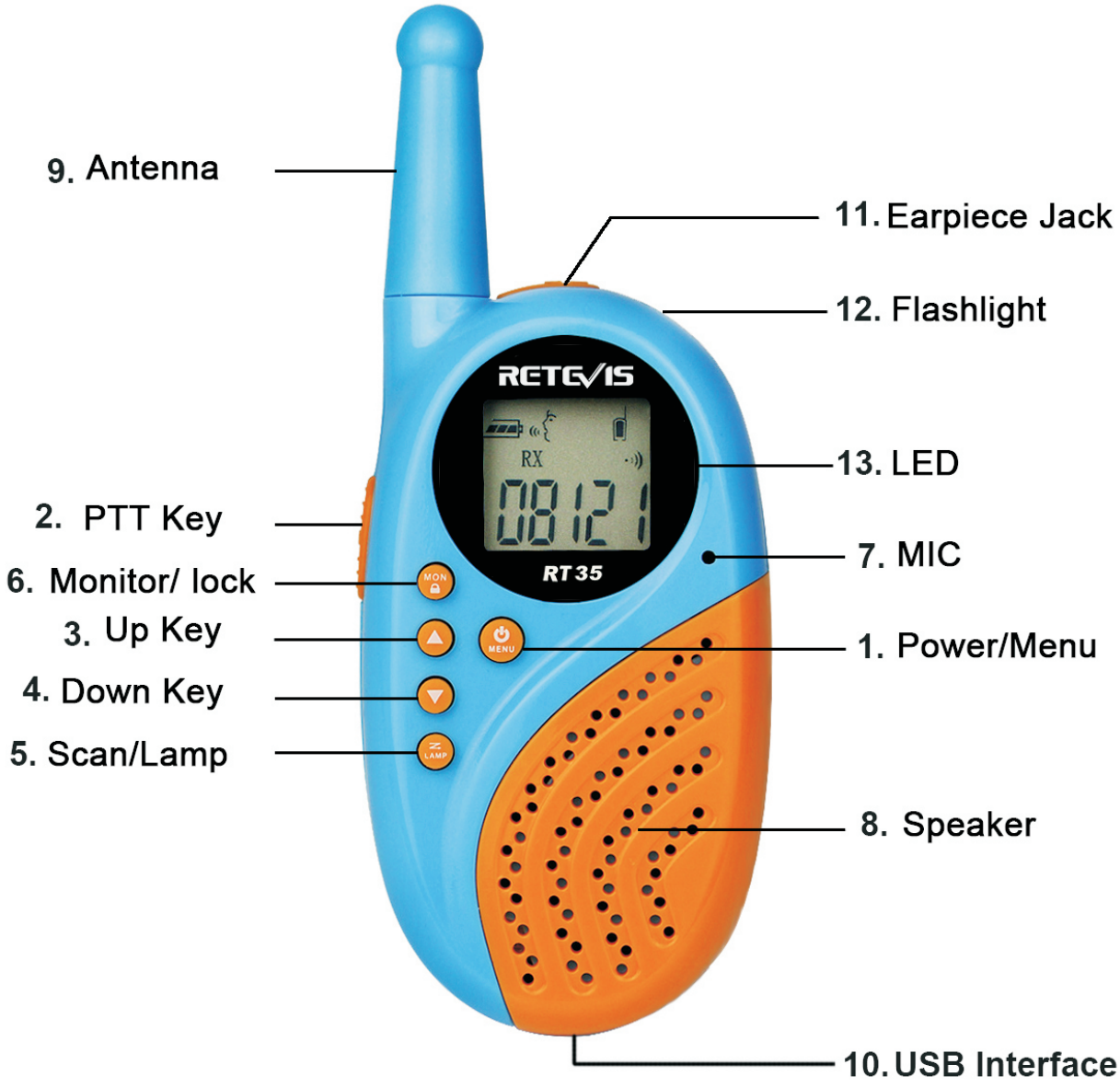
ITEM DESCRIPTION

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 fucntion lets you scan all channels occupancy.

1.When standby, press the Scan button to activate scan function, the machine satarts 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.)

2Press theScan 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 CA 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 frenquency

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	1、The battery may be low. 2、Use the special charger to charge the battery. 3、Battery may be damaged, replacement of the lithium-ion battery.
Received signal Poor	1、Press the up key to increase the volume. 2、The received signal may be weak signal, otherwise out of range. 3、Check the antenna . For getting the best call quality, make the antenna up.
We cannot change the channel	1、When you at channel mode, press the power / menu button until the channel number flashes up on the screen. 2、Press the up or down key to change the channel. 3、The battery may be low.
Reception range limited, sound distortion.	1、The battery may be low. If indicate low battery, recharge the battery. 2、Effective reception range affect by terrain and environmental . 3、Check the antenna . For getting the best call quality, make the antenna up. 4、the reception range of the car will be seriously affected by Shade trees, the plant building.
	6、When transmit a signal, keep 5 cm distance between the mouth and the microphone, speak in a normal voice. 7、When receiving signal, adjust the volume level. 8、The caller should maintain a minimum distance of 3 meters，even father. 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.

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 a 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 abtain 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).

RECYCLED PACKAGING

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