Retevis

User manual

Handheld walkie-talkie

RT-35

PRECAUTION

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:
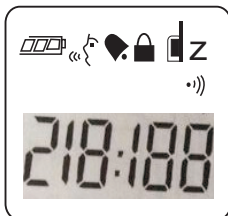
1. The charging jack is at the right side of the machine

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 Fig 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.

Radio Unit	Two
Headset	Two
Switching power supply double	One
User's Manual :	One
Strap	Two

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 /Minute/volume U O instructions	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" ▭ "
₍₍ʃ	Hand-free instructions	Display when the unit is in the alarm 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.
Z	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	Talk/Call 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/LED key illumination	Long press to enter the scanning channel, short press to enter the illumination.
6	Lock/Monitor button	Long press to enter the inter-lock, 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

THE MAIN FEATURES OF WALKIE-TALKIE

- A plurality of selectable channels.
- Effective intercom distance of 3 kilometers.
- Automatic squelch.
- Auto save power.
- It has an internal voice intercom (speaker phone) function.
- Channel scan and monitor.
- 24-hour time display.
- Alarm reminders appear.
- Flashlight and backlight.

Antenna

Earpiece Jack

Flashlight

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LED

PTT Key

MIC

Mon Monitor/key lock

Up Key

Power/Menu

Down Key

S Scan/Lamp

Speaker
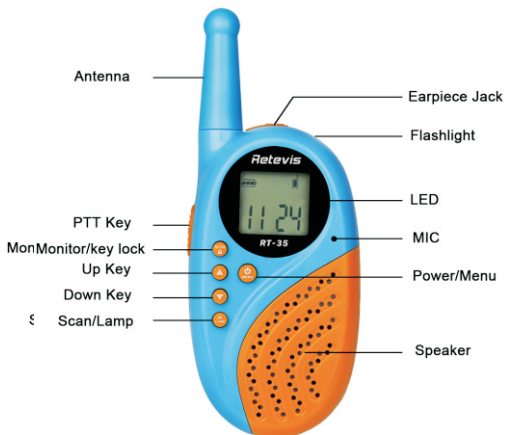
status. **BATTERY LOW POWER TIPS**

When the unit detects a low battery in the talk mode and standby mode, Power indication" ⬜ " start Flashes. Remind you to recharge.

USING THE WALKIE-TALKIE

This unit can set the functions in the intercom mode.

1、Press and hold the power / menu button about 3 seconds, the unit will automatically power on to speak mode, The display shows the icon,″ 📱 ″ under intercom mode.

• Exit intercom mode, press and hold the power / menu button about three seconds, then the unit emits a long "beepa" sound (In a short "beep" sound after). The clock will be display only in standby mode.

• Repeat above steps from standby mode to enter 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. it will issue a "beep" sound when you press the button every time.

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.

• After the function icon flashes stopped, the unit automatically save the settings and return to standby.

SELECT CHANNEL

• This radio have multiple channels, channel selection method is as follows:

1、When standby, press the power / menu button again until the current channel starts flashing on the LCD screen, enter the channel setting status

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.

• After the channel number icon stop flashing, the unit automatically save your settings and return to the receiving status.

Function Description

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 enter the reset status of CTCSS / DCS.

• Press the up arrow key or down arrow key to select the mute code.

• Long press the up key or down arrow key to select the mute 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 key to exit the channel scan.

Transmission and reception

1、On receiving status once power on.

2、Press and hold the PTT / CALL to sends voice. Use the normal voice to transmit, there should be 5 cm between mouth and microphone.

3、After Speaking, release the speaking key/call key, the machine is in the receiving status.

Adjust the volume

When Standby, press the up key or down key to adjust the volume to an appropriate level. This Machine has eight adjustable volume.

Call alerts

This machine has 10 call alerts sound available.

Call Tone Setting

1、When Standby, repeatedly press the Power / Menu key to call setting " $\lceil R$ " 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 settings

4、Press the call / call button to save and return to standby.

• After Call Settings icon stop flash, the unit will be save the settings and back to standby.

Send call alerts sound

1、When need to send call alerts sound, press the Talk / Call key twice quickly, Call alarm sound will be send automatic.

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 devices, it can automatically send voice. Under this function, you can activate the radio to send information.

Hands-free function settings

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)

3、Press the Power / Menu button to save the settings and enter other feature settings.

• Hands-free indicator flash stopped, the unit will be back to radio standby status.

High/Low Power Selection

Standby, repeatedly press the Power / Menu button. Press MENU button to display the flashing LO or HI (LO for small power 0.5W; HI for high-power 1W) .Then, Click ok and exit the menu. LCD will show LO or HI.

Use earplugs (optional)

The walkie-talkie is set to non-hands-free mode.
Open the headset/charger jack on the side of the machine.
Insert the headset. adjust the microphone position.

Automatic noise suppression

The machine with automatic noise suppression function can reduce noise, provide high-quality voice effects, Let's hear more clearly

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)

Backlit display

Press any key, the LCD back light 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 five times until the hour digits displayed.

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 save the settings and enter other feature settings.

6、press the call / call button to save and return to standby.

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 the alarm function

2、Select the alarm function, press the Power / Menu button to enter the set alarm hour time setting, Hours start flashing , Press the up arrow key or down arrow key to alarm hours. Press the power / menu button starts blinking minutes, Press up arrow key or down arrow key to set alarm minutes. After the digital clock icon flashes stopped, the unit automatically save the settings and return to standby.

Key-Tone On/Off

When a button is pressed, the unit will deep briefly to set the key-tone.

- press the menu-button seven times. Press up key to enable (ON) or down key disable the Key Tone (OF).
- press the PTT-button to confirm your selection and return

Technical Specifications

	China Standard	American Standard	European standard
Channels	20	22	8
Frequency Range	409.7500-409.9875MHz	462.5500-467.7125MHz	446.00625-446.09375MHz
Battery type	3.7V li-ion	3.7V li-ion	3.7V li-ion
Output Power	≤0.5w	（≤1w）	≤0.5w
Battery life	Depending on usage	Depending on usage	Depending on usage
Use range	About 3Km	About 3Km	About 3Km

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 are in 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.
	1、When transmit a signal, keep 5 cm distance between the mouth and the microphone, speak in a normal voice. 2、When receiving signal, adjust the volume level. 3、The caller should maintain a minimum distance of 3 meters even father. 4、If far away between caller and respondent, obstacle will be affect the signal transmission. If there no obstacle ,communicate range can reach to 3km.

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