

operation instructions

USER'S MANUAL



Professional wireless intercom

PROFESSIONAL FM TRANSCEIVER

Thanks!

Thank you for purchasing our walkie-talkie for mobile communication! We believe that our walkie-talkie will provide you with convenient and reliable communication, and can exert the highest efficiency in your career. The company's walkie-talkie adopts advanced technology, and we are convinced that the quality and function of this product will satisfy you.

User usage and safety information

- If your walkie-talkie is lost or stolen, please report the loss of your UIM card in accordance with the relevant regulations of the operator, which will protect you from the economic losses caused by others making fraudulent calls.
- In order to protect your walkie-talkie from misuse, please take preventive measures, such as: Carry it with you as much as possible.
- You can only use the original or dealer-approved accessories. Using any unapproved accessories may affect the performance of the walkie-talkie, violate the warranty terms of this walkie-talkie and the relevant national regulations on communication terminal products, and even cause personal harm.
- When cleaning the walkie-talkie, please turn off the power first and use a slightly damp anti-static cloth. Be careful not to use chemicals such as cleaning agents when cleaning the surface of the walkie-talkie.
- Using walkie-talkies near equipment such as TVs, radios, and personal computers may cause interference.
- Please do not expose your walkie-talkie to strong sunlight to avoid excessive heat and damage.
- Please avoid all kinds of liquids from entering the interior of the walkie-talkie to avoid damage.
- Please do not throw it away, beat the walkie-talkie, and treat the walkie-talkie rudely, which will destroy the internal circuit board.

- Please do not connect to other unsupported equipment, only use the manufacturer's standard charger and battery, and the charging time should not exceed the necessary charging period.
 - Do not disassemble the walkie-talkie.
 - Please do not put flammable and explosive items with the walkie-talkie to avoid danger.
- Avoid dropping the machine, soaking in water and rain, direct sunlight or placing it in an overheated place, and be careful to avoid entering places where the temperature difference is too large.
- If the walkie-talkie is damp, it should be turned off immediately, wiped and then dried with a hair dryer. Be careful not to get too close to avoid damage to the shell.
 - Do not use walkie-talkies in the bathroom

Welcome to use wireless walkie-talkie

You are welcome to use the walkie-talkie, and it is recommended that you use it before using it:

Please check the packaging box of this product for signs of damage first Please open the box carefully and confirm whether there are the items listed in the table below.If you find any loss or damage to this product and its accessories during handling, please contact the dealer immediately.

Random attachments

item	quantity
Antenna	1
Belt clamp	1
Battery	1
Power adapter	1
Instruction manual	1

Precautions for battery use

The battery was not charged at the factory, please charge it before use. Please do not short-circuit the battery to avoid damaging it, generating heat, and causing a fire.

Do not place batteries at high temperatures or throw them into fire to avoid causing explosions.

If the battery is not used for a period of time, please discharge it and store it in a dry place A cool and shaded place.

Please stop using when the battery and charging dock are damaged or significantly aged. Disposal of discarded batteries Return to the supplier or place at a designated recycling point, instead of being placed in household waste.

Return used batteries to suppliers or place them at designated recycling points, And it cannot be placed in household garbage.



If the battery is damaged, it should be avoided to come into contact with the substances inside. If it is contaminated with the skin, it should be avoided Please rinse with plenty of water and seek medical assistance if necessary.

Precautions for using the charger

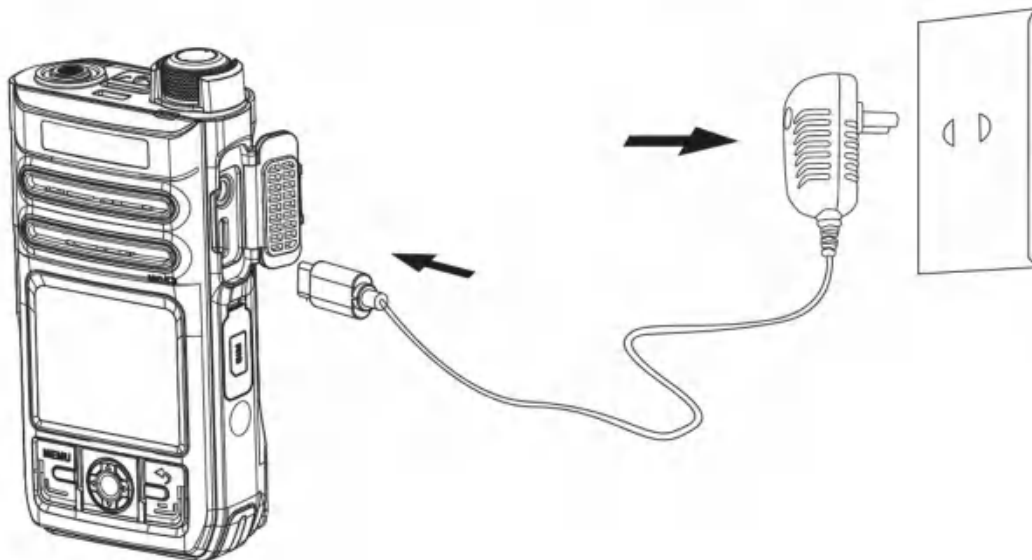
- To improve charging efficiency and ensure charging safety, please use 220V AC power.
 - Do not short-circuit the charger, otherwise it may cause electric shock, smoke, and damage to the charger.
 - Please do not use the charger when the power cord is damaged, otherwise it may cause fire and electric shock.
 - Please clean the dust accumulated on the power socket in a timely manner.
 - Please do not place water containers or other items near the charger to avoid splashing water and causing the charger to overheat Leakage and malfunction.
 - Please do not disassemble or modify the charger, as it may cause personal injury, electric shock, fire, or charging Electrical damage.
 - Please do not use the charger in high humidity areas such as the bathroom, as it may cause electric shock, Fire or charger damage.
 - Do not touch the charger, battery, or power outlet with wet hands, as it may cause electric shock,
 - Do not place heavy objects on the power cord or attempt to modify the power cord, as it may cause damage Electric shock or fire.
- Before cleaning and maintenance, unplug the power plug from the socket and hold onto the charger when unplugging, Hard pulling the power cord can damage it and may cause electric shock or fire.

Battery Charging

Please use the designated charger to charge the battery, and refer to the following method to charge the battery:

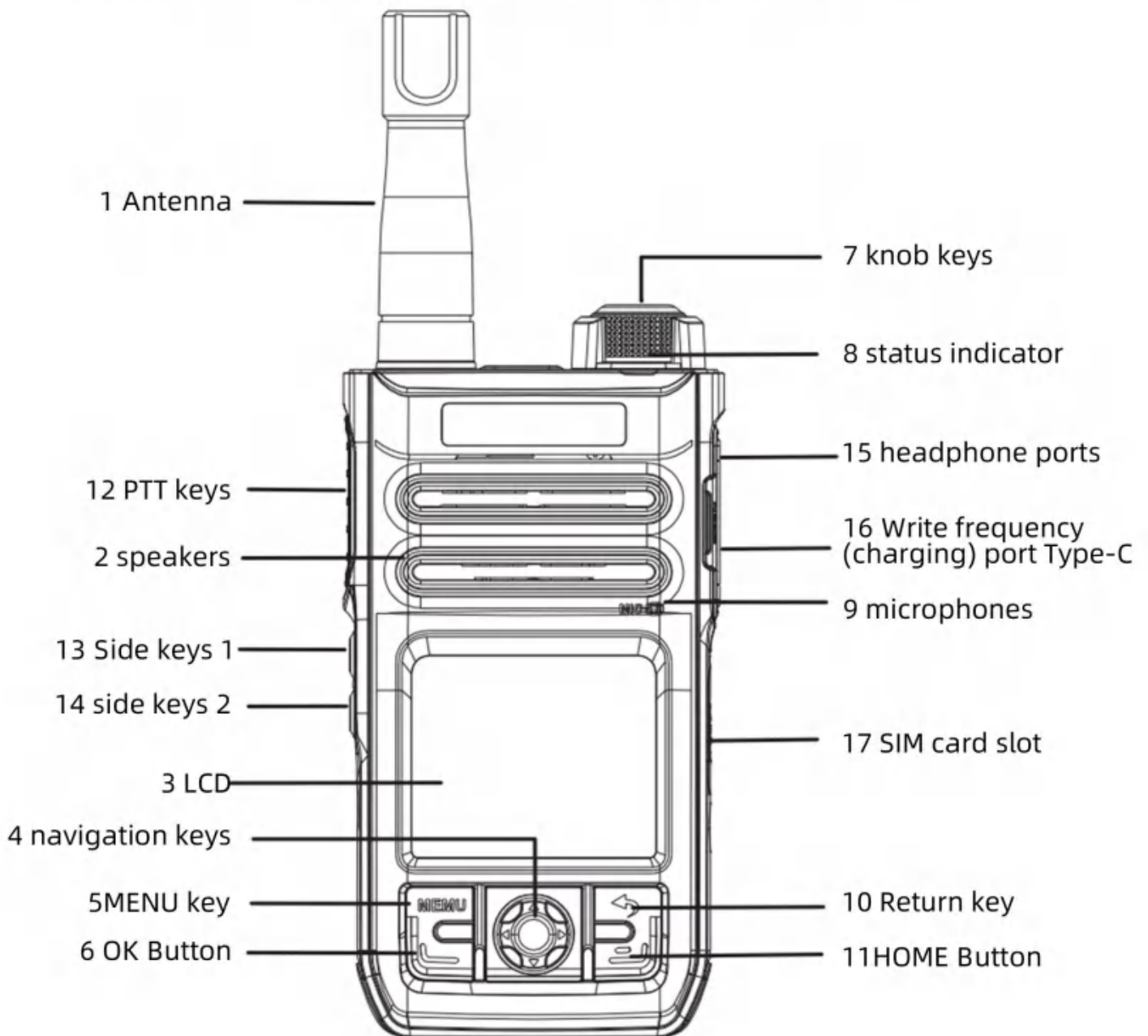
1. Insert the Type-C plug of the switching power supply into the Type-C jack located on the right side of the walkie-talkie.
2. Connect the switching power supply to the AC power output socket. At this time, you can see that the walkie-talkie status indicator (LED) turns red and flashes slowly, indicating that the power supply is connected normally.
3. When the red light of the walkie-talkie status indicator (LED) goes off, it turns into a green light and flashes slowly, which means that it is fully charged (the battery is higher than 90%).
4. After the charging is complete, unplug the switching power supply from the power socket.

(Note: In order not to affect normal charging, please turn off the walkie-talkie during charging)



Walkie-talkie overview

This walkie-talkie can be used in LTE 4G full netcom network. The walkie-talkie has powerful performance and professional functions. With the help of the high-speed broadband connection brought about by the latest 4G technology, this machine can share your life with others in real time.



Terminal introduction	
1. Antenna	LTE 4G main
2. Speaker	The electrical signal is converted into an acoustic signal;
3. LCD	Display UI interface;
4. Navigation keys	Under the standby interface,you can select the application program on the interface
5. MENU button	Enter the menu;
OK key	Confirm button;
7. Rotary knob key (Volume knob)/ Long press to turn on/off)function	Press and hold for 3 seconds to switch on and off, turn left volume +, turn right volume-short press to turn on/off the screen

8. Status indicator light	View product specifications in detail;
9、Microphone	Convert sound into audio and play it through speakers Come out, there is a recording that amplifies the sound;
10、Back key	Return to the previous menu, it has no effect under the main menu; Long press to exit single call mode;
11、HOME button	Not open;
12、PTT key	Call request and release buttons, press to speak, release to end;
13. Side key 1	Short press to check the current user, long press to check the battery level;
14. Side key 2	Query the current group;
15. Earphone jack	
16. Write frequency (charging) Type-C mouth	Used to connect computer PC software or charge;
17、SIM card slot	

Getting Started

Install battery and UIM card

Please insert a valid UIM card into the walkie talkie before using it.

All information related to establishing network connections is recorded in the metal plane area of the UIM card,

Also recorded on the card is the relevant information stored in the SIM card phonebook.

This UIM card can be inserted into any LTE 4G full network walkie talkie for use. The new walkie talkie comes with a built-in reader for the UIM card.

1. Insert the Type-C plug of the switch power supply into the Type-C socket located on the right side of the walkie talkie.

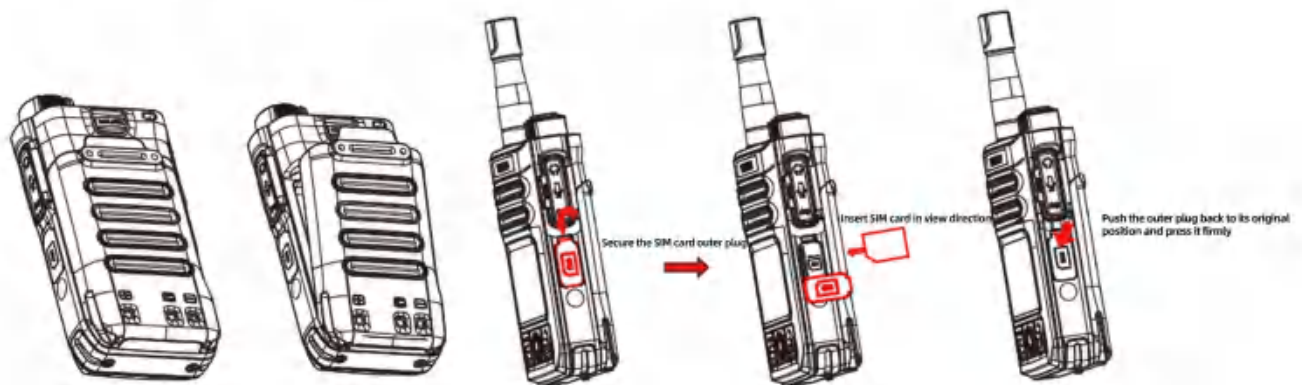
2. Connect the switch power supply to the AC power output socket, and you can see the status of the walkie talkie at this time.

The indicator light (LED) turns red and flashes slowly, indicating that the power supply is connected normally.

3. When the status indicator light (LED) of the walkie talkie turns red and turns into a slow flashing green light, Represents fully charged (with a charge level above 90%).

4. After charging is complete, the switch power supply needs to be unplugged from the power outlet.

(Note: To avoid affecting normal charging, please turn off the walkie talkie during the charging process)



Be careful:

- Please turn off the device before removing the UIM card.
It is prohibited to insert or remove the UIM card with an external power source connected
- Please avoid touching the metal flat area to prevent loss and damage of information in the card, and place the UIM card in Stay away from electromagnetic fields.

Remove the battery

When removing the battery pack, first push the battery lock upwards.
2. When the battery is released from the walkie talkie chute, remove the battery.



Public network intercom nationwide intercom

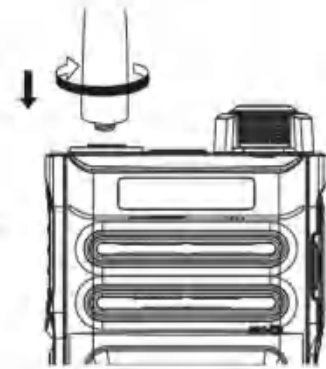
Network Walkie Talkie

Installing/removing the antenna

Install antenna: Hold the antenna base and screw the antenna in clockwise in the connector on the top of the walkie-talkie until it is tightened.

Remove the antenna:

Hold the antenna base and unscrew the antenna counterclockwise walkie-talkie



Do not shake the walkie-talkie back and forth with the antenna, otherwise it will damage the antenna.

Install/remove the belt clamp

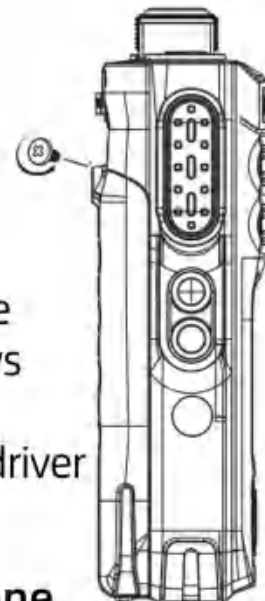
Install the belt clamp

Align the metal seat hole of the belt clip with the screw hole on the back of the battery, and then Use a phillips screwdriver to lock the two phillips screws into the hole.

Unscrew the two phillips screws with a phillips screwdriver

Remove the belt clip

Install/remove the optional speaker/microphone



Install optional speakers/microphones

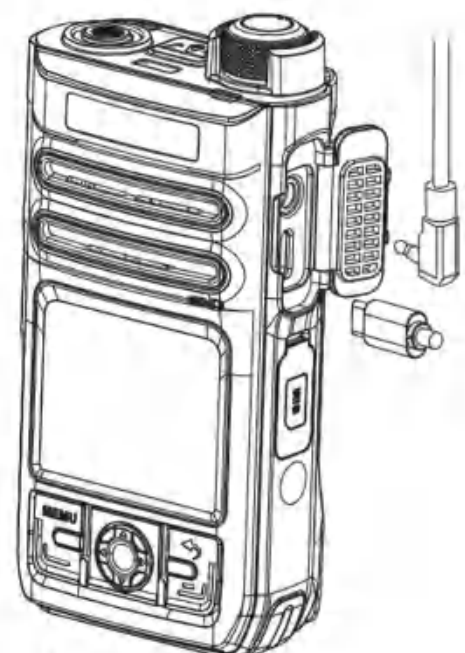
1. Press the arrow direction to open the dust cover of the headphone/microphone jack and insert the headphone/microphone into the headphone/microphone jack.

Remove the optional speaker/microphone

Unplug the external earphone or microphone, and return the dust cover of the earphone/microphone jack to the host.

Note 1: When using an external headset or microphone, it will affect the dust cover of the walkie-talkie.

Note 2: The headphone cable is American standard 3.5 heads.



Basic use

Power on and off

In the shutdown state, press and hold the knob button for 3 seconds until the boot screen appears, you can turn on the walkie-talkie. In the boot state, press and hold the knob button for 3 seconds, a prompt box will pop up, and select "Turn off" to turn off the walkie-talkie.

Off screen

When the screen is on, the walkie-talkie enters the off-screen state by short pressing the knob button, or the walkie-talkie will automatically turn off the screen after being idle for a period of time.

Bright screen

When the screen is off, short press the knob key to wake up the screen.

menu

After the device is turned on, if the SIM card has been authenticated or the correct intercom account has been written, it will automatically enter the intercom interface. Pressing the MENU button will jump to the menu interface, and pressing the navigation button can choose to enter the group, settings, user, and single call interface.

menu

Status bar

The status bar will display power, time, SIM card, registered network status information, etc.

Intercom function

After booting, the intercom platform software is activated by default, and the default intercom waiting group is entered.

Single call

In the menu interface, select "Single call" to enter the single call menu, select the person who needs to be called in the single call mode interface, press the OK button to enter the single call, and press and hold the back button again to exit the single call.

Group call

In the menu interface, select "Group" to enter the group menu, select the group you want to enter in the group list interface, and then press the OK button to enter a certain group. The group becomes an intercom waiting group, and other group intercom messages, including the default group, will not be received for the time being.

user

In the menu interface, select "User" to enter the user menu. You can set or view account switching, current group, right to speak, GPS, GPS frequency (S), call duration (S), latitude, longitude, language (Chinese/English), version number information.

Set up

In the menu interface, select "Settings" to enter the settings menu. You can view or set the network settings, wireless network, Bluetooth, location, and mobile phone status.

Establish a wireless connection

Wireless data WLAN connection

1. Under the settings interface, press the navigation button up and down to the wireless network and click the OK button to enter the wireless network mode. At this time, you can set up a connection to the wireless network.
2. In the wireless network settings interface, press the OK button to turn on the wireless network switch, and you will see "Connected networks/nearby available networks/configured networks" in the interface. Enter the nearby available network interface, and the walkie-talkie will list the wireless devices within the search range.
3. The arrow keys select the network you want to connect to, enter the correct password, and press the OK key to confirm the connection.

Wireless data Bluetooth connection

1. Press the menu interface and select Settings>Bluetooth.
2. Enter the Bluetooth settings interface, press the OK button to turn on the Bluetooth switch, and the walkie-talkie will list the Bluetooth devices within the search range.
3. The arrow keys select the device you want to connect, and the OK key determines the connection.
 - If your open detection is set to on, the other party can also search for your Bluetooth device. In the interface of entering the wireless password, you can use the side key 2 to press and hold to switch the input method.
 - In the menu interface, select "Settings" to enter the settings menu. You can view or set the network settings, wireless network, Bluetooth, and location phone status.

Walkie-talkie login

- (1) If the account information is detected, the walkie-talkie will light up with a green light. After automatic login, the walkie-talkie will have a voice prompt, which will broadcast "The current network is connected and is being initialized ";
- (2) If the account information is not detected, the corresponding voice prompt of the walkie-talkie is "Configure account information" ;
- (3) If it prompts "The network is not available, please check the network configuration" , please check whether the SIM IOT card in the machine has expired, or whether the account is activated.
- (4) If "No data network link" is prompted" please check whether the SIM card is inserted; if the account setting is incorrect, you can manually set the account information by using the management platform at this time. After successfully logging in to your account, you can use the PTT call function.

Walkie-talkie operation

After successful login: 1. Rotate the “knob button” to adjust the volume: the volume becomes larger in the clockwise direction and smaller in the counterclockwise direction; in the bright screen state, short press the “knob button” to enter the off-screen state. Similarly, in the off-screen state, short press the “knob button” to wake up the screen; in the bright screen state, press and hold for 3 seconds, a prompt box will pop up, choose to shut down or restart; , 2. In the bright screen state, press and hold the MENU button to enter the menu interface. With the navigation keys, the upper and lower left and right buttons can cycle through the selection of single call, group, setting, and user; if you press the “OK button” in the single call state at this time Then enter the single call mode, press and hold the up and down buttons to select a certain online account, then press the “OK button” to enter the single call and press and hold the BACK button again to exit the single call; if you press the “OK button” in the group state at this time, enter the group list, press and hold the up and down buttons to select a certain group, and then press the “OK button” to enter a certain group; if you press the “OK button” in the setting state at this time, enter the setting list, press and hold the up and down buttons to set or view network settings, wireless networks, Bluetooth, location, and mobile phone status; if you press the “OK button” in the user state at this time, enter the settings, you can set or view the account Switch, current group, right to speak, GPS, GPS frequency (S), call duration (S), latitude, longitude, language (Chinese/English), version number; 3. Short press the side button 1 walkie-talkie voice prompts “Current user” , long press the side button 1 walkie-talkie voice prompts “Current remaining power” ; 4. Short press the side button 2 walkie-talkie to broadcast the current group;

Safety matters

Safety warnings and precautions

Please use the walkie-talkie correctly. When making or receiving a call, hold the walkie-talkie in your hand in the same way as using a wired phone, then speak directly to the earpiece and make sure that the walkie-talkie is kept at an appropriate distance from your body.

Some people may be prone to seizures or dizziness when they are under flashing lights (such as watching TV). If you have a similar history of illness, please consult your doctor before playing walkie-talkie games or using the flash function. Please keep the walkie-talkie out of the reach of children to avoid children using it as a toy and causing personal injury. Please follow relevant traffic regulations and pay attention to traffic safety when driving.

Precautions for using walkie-talkie when driving a vehicle

Medical equipment

When using walkie-talkies next to certain medical equipment such as pacemakers, you need to pay attention to: keep the distance between the walkie-talkie on and these medical equipment at least 20cm; do not put the walkie-talkie in your chest pocket; you should use ears on different sides from the pacemaker to listen to the phone to reduce potential interference; If necessary, please turn off the walkie-talkie. If you have other questions, please consult the medical equipment manufacturer before using it. Some digital walkie-talkies may interfere with certain hearing aids. If such interference occurs, please contact the hearing aid manufacturer for a solution.

If you have other medical devices (such as cochlear implants, etc.), please consult the manufacturer of these devices to ensure whether these devices can block the surrounding radio frequency signals.

In places with special requirements such as hospitals or nursing homes, please pay attention to the restrictions on the use of walkie-talkies. If required, please turn off the walkie-talkie.

Your walkie-talkie

You can only use original or manufacturer-approved accessories. The use of any unauthorized accessories may affect the performance of the walkie-talkie, violate the warranty terms of this walkie-talkie and the relevant national regulations on communication terminal products, and even cause personal harm.

When cleaning the walkie-talkie, please turn off the power first and use a slightly damp and clean anti-static cloth. Be careful not to use chemicals such as cleaning agents when cleaning the surface of the walkie-talkie.

Your walkie-talkie will generate electromagnetic fields. Please do not place it in magnetic storage media accessories, such as computer disks.

The use of walkie-talkies near electrical equipment such as televisions, telephones, radios, and personal computers may cause interference.

Please do not expose your walkie-talkie to strong sunlight to avoid damage due to excessive heat.

Do not store walkie-talkies near or inside water heaters, microwave ovens, hot cooking equipment, or high-pressure containers to avoid damage.

Do not store or use the walkie-talkie in a high temperature environment or an environment that can produce high temperature.

Please do not connect to other unsupported devices.

Do not disassemble the walkie-talkie.

Please do not put flammable or explosive items with the walkie-talkie to avoid danger.

Locations and blasting areas that may cause explosions

Before entering an area that may cause an explosion due to potential factors (such as oil warehouses, chemical factories, etc. with explosive production processes), if the walkie-talkie is not specially designed for use in this area, please turn off the walkie-talkie first.

In such areas, please do not remove or install batteries, or charge the walkie-talkie, because in these environments, sparks may cause explosions or fires, causing personal injury.

In order to avoid interfering with blasting operations, please comply with relevant regulations to turn off the walkie-talkie near the electric detonator in the explosion zone, as well as places with similar slogans such as turning off the intercom.

Electronic equipment

The use of radio frequency equipment, including walkie-talkies, may cause interference to some electronic equipment with poor shielding performance, such as certain electronic systems in motor vehicles. If necessary, please consult the equipment manufacturer before using the walkie-talkie.

Car safety

Airbags, brakes, speed control systems and oil injection systems should not be affected by wireless transmission. If you encounter the above problems, please contact the car dealer. However, please be careful not to place the walkie-talkie above the airbag or in the area that can be reached after the airbag is expanded, so as not to cause damage to the owner by pushing the walkie-talkie by external forces generated when the airbag expands.

Please turn off your walkie-talkie when refueling. The same situation applies to places where the use of two-way wireless devices is prohibited.

Precautions on the plane

Please turn off the walkie-talkie before the plane takes off. In order to prevent interference with the flight communication system, the use of walkie-talkies for wireless communication is prohibited during the flight. The use of walkie-talkies when the aircraft is not taking off shall obtain the permission of the crew in accordance with safety regulations.

Battery usage

Please do not short circuit the battery to avoid damaging the battery, generating heat and causing fire. It is forbidden to put the battery at high temperature or throw it into the fire to avoid explosion.

Do not use sharp objects to pierce the surface of the battery.

If the battery is not used for a period of time, please discharge it and store it in a dry, dark, and cool place.

Please stop using the battery and charger when they are damaged or significantly aging.

Please return the discarded batteries to the supplier or put them at a designated recycling point, not in household garbage.

Product specifications and technical parameters

type	Fine items	Item	Requirement	Remarks
Hardware platform (H/W Platform)	Chip (CPU)	Mode (MODEM chip)	QualcommMSM8909	
		Technology Technical Architecture	A7	
		Frequency (main frequency)	1GHz	
Networ	standard	System	■ GSM Band2/3/8 ■ WCDMA Band1/5/8 ■ CDMA Evdo Rev.A 800MHz ■ TD-SCDMA Band34/39 ■ TDD -LTE Band38/39/40/41 ■ FDD -LTE Band1/3	
Bearer	LTE	CAT4	TDDCAT4,FDDCAT4	
size	External dimensions	Dimensions	110mm*57mm*31mm	
weight	Whole machine weigh(Standard Distribution) Pool andAntenna	Whole machine weight (standard battery andantenna)	About 210g	
Home Screen	Physical dimensions (inches)	Size (inch)	1.77	
	Resolution	Resolution	128*160	
Connect	Resolution	Charger	Support external charging	■ Support seat charging
	USB interface	USB	Yes	Charging, data transmission
	SIM	SIMCard	Single SIM card	
	Expansion card	Expansion card	Yes	
Battery	Type	Type	Li-polymer	
	Capacity (mAh)	Volume mAh)	4500	
	Charging current		1000mA	
	charging time	Chargeing Time	<=6Hours	
	standby time	Standby	>200hrs	Without platform data,Different platforms have different standby modes
Memory	RAM	ROM	4GB	
	RAM	RAM	4GbLPDDR3	DDR2 optional
sound	MIC	MIC	1	Intercom MIC
	Line control earphone	Line-Contr ol earphone	YES	American standard 3 5 head
	Speaker	Speaker	YES	8R/1W
	Loudspeaker external amplifier	SpeakerPA	YES	
	Bluetooth	BT	YES	BT4.0
		Bluetooth Power class	Class2	

Connect ivity	WiFi	Standard	8GB	1X1
		WIFI Direct	8Gb LPDDR3 1	
		Wifi Router Android Hotspot (WiFi Tethering)	YES	
	NFC	NFC	NO	Hybrid positioning
	GPS	GPS	YES	
	Beidou	Beidou	YES	
sensor	Gravity sensor	G-sensor	NO	
	Light Sensor	L-sensor	NO	
	gyroscope	Gyroscope	NO	
IED lamp	Intercom status) Indicatio n (red em erald and d green t wo-color lights)	Three states o f ledlight; Flash (once in 1 second)、 Slow flash (on ce in 3 second s), long light	Boot status	Power on: Press the power button, it will turn green The light stays on for 5 seconds before turning off and entering Start up screen, followed by startup animation, with the red light constantly on 15-20 seconds, enter the standby interface and the red light flashes rapidly;
			Network status indication	Red light flashing: ① The SIM card is not activated or overdue, and the terminal cannot register to the wireless network; The wireless network quality is poor, and the terminal cannot register;
				The red light is always on: If the SIM card is not installed or installed incorrectly, the voice prompt will say "Mobile card reading failed"; Not configured to add devices on the business server; The device has been added, but the group selection knob group mapping was not successful; SIM card PIN code unlocking failed, voice prompt "PIN code error"; When exhaling, the red light is always on
				Green light flash; registration in progress Network status; Green light flashing slowly: Successfully registered on the network, entering Standby mode; The emerald green light is constantly on;
			Call status	Call (single call/group call/ temporary group call) status;
			Call status	1. Low battery (less than 15%): Yellow light flashes rapidly; 2. Charging: Red light flashing slowly 3. Fully charged (above 90%): slow flashing green light 4. Standby: slow flashing greenlight
antenna	main		Rod-shaped	
	Auxiliary antenna		FPC	
	WIFI/BT antenna		FPC	
	GPS/BD antenna		Ceramic passive antenna	
Other requirements	Jacket		support	
	operation temperature range	Temp	-20 ~60	
	Waterproof grade	height specifications	IP54	
	drop	height	1.2M	