

Rugged feature phone

Quick User Guide

L181



Terminal Appearance :

Thank you for choosing our deviceTerminal. We hope our products can be of help to your efficient work. Before using this equipment, please read this manual carefully and keep it properly for future reference. You can also visit our official website to learn the latest information.

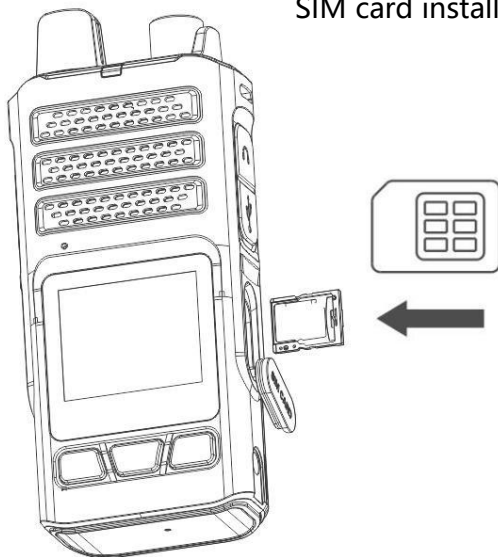
Press the power button to turn the screen off or on. The nameplate information on the device includes: terminal model, IMEI number, CMIIT ID, etc.

Note: Using data services will generate data traffic and corresponding fees. Please refer to the statistics from your operator for specific data traffic.



SIM Card Installation

SIM card installation



Installation Instructions:

Insert the SIM card with the chip facing the screen and the diagonal corner facing inside the device.

Battery and Charging Methods

- 1) The terminal can be charged while powered on. The red LED indicator flashing means charging has begun.
- 2) When the LED indicator turns green, the charging is complete, and the charger can be disconnected from the power socket.

Note

- 1) If the battery has not been used for a long time or is completely drained, it may not power on immediately during charging. This is normal. Please charge the battery for a while before turning the device on.
- 2) The battery can be recharged repeatedly, but since it is a consumable item, if the standby time of the terminal significantly decreases after normal charging, please replace the battery. When the terminal's battery is low, a notification will pop up. When the battery level is too low, the terminal will automatically shut down.

● **Power On/Off**

- 1) To power on, press and hold the power button for a few seconds until the boot screen appears.
- 2) To power off, press and hold the power button for a few seconds while in the powered-on state.

● Battery Level

The working indicator light is red and green:

(1) Non-charging state:

Battery level $\leq 15\%$, red light will be on.

(2) Charging state (USB charging or dock charging):

Battery level $< 90\%$, red light is on.

Battery level $\geq 90\%$, green light is on.

The charging state indicator follows the same rule for power on/off.

● Walkie-Talkie

Group Call Mode:

The default mode when the device is powered on is Group Call. In the Group Call interface, press the OK button to enter the group selection page. In Group Call mode, rotate the knob to select the group. Press the PTT button to initiate a conversation with the current group.

● Private Call Mode:

In the Private Call home page, press the OK button to enter the contact selection interface. In the contact selection page, use the up/down keys to select a contact within the channel. Press the PTT button to initiate a

private call with the selected contact. The other party will receive the private call and can press PTT to answer. After a private call is established, press the back button twice to end the call and switch to the group call mode.

● **Voice Recording Playback**

In the voice recording playback home page, press the OK button to enter the voice recording playback selection interface. You can play back walkie-talkie recordings. Repeated clicks will allow you to play up to ten recordings.

● **SOS**

In the SOS home page, press the OK button to pop up the "Confirm to send SOS message?" prompt box. Press the confirm button to send the SOS message to the backend, or press the cancel button to return.

● **Call dispatch console**

On the home page of call dispatch console, press the OK button to start calling the dispatch console. After a successful call, a walkie-talkie connection with the dispatcher will be established. If the call fails, a message will appear, and the device will return.

● Settings

In the settings home page, press the OK button to enter the settings function interface.

● Safety Warnings and Precautions

- 1) Please use the terminal correctly. When making or receiving a walkie-talkie call, hold the terminal as you would a regular walkie-talkie, speak directly into the microphone, and ensure that the terminal is at an appropriate distance from your body.
- 2) Some individuals may be prone to seizures or dizziness under flashing lights (e.g., while watching television). If you have a history of such conditions, please consult a doctor before using the terminal's gaming or flashlight functions.
- 3) Keep the terminal out of reach of children to avoid them treating it as a toy, which could lead to personal injury.

● Precautions for Using the Terminal While Driving

Please adhere to relevant traffic regulations and be mindful of road safety when using the terminal while driving.

● Medical Equipment

- 1) As a pacemaker: Maintain a distance of at least 20 cm between the terminal and the medical device; do not place the terminal in your chest pocket; use the ear

opposite to the pacemaker when making calls to reduce potential interference; turn off the terminal if necessary. If you have any concerns, please consult the manufacturer of the medical device before use. Some digital devices may interfere with certain hearing aids, and if this occurs, please contact the hearing aid manufacturer for a solution.

- 2) If you have other personal medical devices (such as cochlear implants), consult the manufacturers of these devices to ensure that they can shield surrounding RF signals.
- 3) In hospitals or other places with special requirements, please observe any restrictions on the use of the terminal. If required, turn off the terminal.

● **Your Terminal**

- 1) You should only use the original or manufacturer-approved accessories. Using unauthorized accessories may affect the performance of the terminal, violate the warranty terms, and even cause personal injury.
- 2) When cleaning the terminal, please turn it off and use a slightly damp, clean, anti-static cloth. Do not use cleaning agents or chemical solutions to clean the surface of the terminal.
- 3) Your terminal generates an electromagnetic field. Do not place it near magnetic storage media, such as computer disks.
- 4) Using the terminal near electrical appliances, such as

televisions, phones, radios, and personal computers, may cause interference.

- 5) Do not expose the terminal to direct sunlight for extended periods to prevent overheating and damage.
- 6) Do not store the terminal near water heaters, microwaves, hot cooking appliances, or high-pressure containers, as this may cause damage.
- 7) Do not store or use the terminal in high-temperature environments or areas that generate high temperatures.
- 8) Do not connect the terminal to incompatible devices.
- 9) Do not disassemble the terminal.
- 10) Do not place flammable or explosive items near the terminal to avoid potential dangers.

● **Explosive Hazard Locations and Blast Zones**

- 1) Before entering areas where explosions may occur (such as fuel warehouses or chemical plants), if the terminal is not specifically designed for such environments, please turn off the terminal.
- 2) In such areas, do not remove or install the battery, nor charge the terminal, as sparks in these environments may cause explosions or fires, resulting in personal injury.
- 3) To avoid interference with blasting operations, please comply with relevant regulations and turn off the terminal in explosive areas, especially near electric detonators or where signs indicate turning off the

terminal.

● **Electronic Equipment**

The use of radio frequency devices, including the terminal, may cause interference with electronic devices that are poorly shielded, such as some vehicle electronics. Please consult the device manufacturer before use if necessary.

● **Automobile Safety**

- 1) Airbags, brakes, speed control systems, and fuel injection systems should not be affected by wireless transmission. If you encounter such issues, please contact the car dealer. However, do not place the terminal above the airbags or in areas where the airbag could deploy, as the force from the airbag may move the terminal and cause injury to the user.
- 2) Please turn off your terminal when refueling, and follow the same rule for places where two-way wireless devices are prohibited.

● **Precautions for Use on Aircraft**

Please turn off the terminal before takeoff. To avoid interference with flight communication systems, the use of the terminal for wireless communication is prohibited during the flight. When the aircraft has not yet taken off, you must obtain approval from the crew before using the

terminal.

● Battery Use

- 1) Do not short-circuit the battery to avoid damage, heat generation, and fire hazards.
- 2) Do not expose the battery to high temperatures or throw it into fire, as this may cause an explosion.
- 3) Do not puncture the battery surface with sharp objects.
- 4) If you do not plan to use the battery for a while, discharge it and store it in a dry, cool, and dark place.
- 5) If the battery or charger is damaged or significantly aged, stop using it.
- 6) Return used batteries to the supplier or place them in designated recycling points, not in household trash.

Warning:

If the battery is damaged, avoid contact with its contents. If it comes into contact with your skin, wash with plenty of water, and seek medical attention if necessary.

● Precautions for Using the Charger

- 1) To improve charging efficiency and ensure safety, use 220V AC.
- 2) Do not short-circuit the charger, as this may cause electric shock, smoke, and charger damage.
- 3) Do not use the charger if the power cable is damaged, as it could cause fire or electric shock.

- 4) Clean the dust accumulated on the power socket regularly.
- 5) Do not place water containers or other objects near the charger to avoid water splashing and causing overheating, leakage, or malfunction.
- 6) Do not disassemble or modify the charger, as this may lead to injury, electric shock, fire, and charger damage.
- 7) Do not use the charger in high-humidity places like bathrooms, as this may lead to electric shock, fire, and charger damage.
- 8) Do not touch the charger, power cord, or power socket with wet hands, as this may cause electric shock.
- 9) Do not place heavy objects on the power cord or attempt to modify it, as this may cause electric shock or fire.
- 10) Always unplug the charger before cleaning or maintaining it. When unplugging, hold the charger itself, as pulling the power cord could damage it and lead to electric shock or fire.
- 11) Do not charge in places with excessive sunlight, high temperatures, dampness, dust, or vibration (which could lead to failure).

● **Cleaning and Maintenance**

- 1) Do not expose the terminal to corrosive liquids, as they could damage the electronics.
- 2) Clean the product with a soft, dry cloth.

- 3) Do not use alcohol, solvents, or benzene to clean the product.

● **Disclaimer**

- 1) The company is not responsible for any losses caused by natural disasters (e.g., earthquakes, floods, etc.) that exceed our scope of responsibility.
- 2) Under no circumstances is the company liable for any loss arising from the use of this product (including losses caused by following the instructions in the manual), such as loss of company profits, reputation, business interruption, or data loss/alteration, and any special, incidental, consequential, or indirect loss caused.
- 3) The company is not responsible for any losses caused by improper use of communication hardware or software not specified by the company.
- 4) The company does not provide any form of guarantee or technical support for any information, materials, documents, or other products and services obtained through the use of this product, and is not responsible for the user's use of such information, materials, documents, or services.
- 5) The product does not recommend users to install third-party software independently, and the company is not responsible for any form of warranty or technical support for third-party software used through this

product.

6) The contents of this manual are provided "as is."

Unless required by applicable law, the company makes no explicit or implied guarantees regarding the accuracy, reliability, or content of this document.

● **BATTERY STORAGE RECOMMENDATIONS**

1) New batteries that will be stored should be charged to greater than 50% (but less than 100%) state of charge within 1 month of receipt. Every 6 months, batteries must be recharged to greater than 50% state of charge.

2) Batteries removed from service for storage should be charged to greater than 50% state of charge. Every 6 months, batteries must be recharged to greater than 50% state of charge.

3) Do not store batteries attached to radios or host devices. This will minimize current drain on the battery.

FCC Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

RF Exposure Statement

SAR tests are conducted using standard operating positions according standards 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.

This model product has been tested and meets the RF exposure guidelines with the test distance 0mm for head and 5mm for body worn. The highest SAR_{1g} value is 0.606 W/Kg for head and 0.636 W/Kg for body worn. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided