

Notice

- 1. Some special places, such as airports, hospitals, gas stations and other places, do not allow the use of electronic equipment. Please comply with the rules and do not use this product in these places.
- 2. For your safety and the safety of others, please do not use this product while driving a vehicle.
- 3. In order to avoid potential safety problems, do not put this product near the vehicle's airbag.
- 4. For your safety, please do not use this product during thunderstorms.
- 5. Although this product is waterproof, do not leave this product for long periods of time in areas with water or moisture.
- 6. This product has an operating temperature range of $-20\,^{\circ}\text{C} \sim +65\,^{\circ}\text{C}$ and a storage temperature range of $-30\,^{\circ}\text{C} \sim +70\,^{\circ}\text{C}$. Extreme temperatures can affect the device's performance and service life.
- 7. The output power is 1 milliwatt to 5 milliwatts, Avoid direct eye contact with visible laser radiation.
- 8. Although the product has been tested to withstand harsh operating environments, do use the product in an improper manner.
- 9. Please do not disassemble this product. In case of failure, please send them to our authorized service centers to proceed with repairs.
- 10. After the device has reached the end of its service life, please discard it in a proper way to avoid environmental pollution.
- 11. This product is a Class B product, which may cause radio interference. The user may be required to take necessary preventive measures.

Battery Instructions

- 1. This product uses a rechargeable lithium battery as a power source. When the power is low, please charge the battery. To maintain battery life, it is recommended to deplete the battery's power before charging.
- 2. When the battery charger is not in use, please remove it from the power supply. Do not connect the charger to the battery for more than one week. Excessive charging will shorten the battery life.
- 3. Temperature affects the battery charging limit. Therefore, the battery may need to be cooled or warmed up before charging.
- 4. Please use the battery for its original intended purpose to prevent short-circuiting the battery. A short circuit will occur when a conductive material connects the battery's positive and negative terminals.
- 5. Do not use a battery that is damaged.
- 6. Placing the battery in extremely cold or hot places will lead to shortened battery life. Exposing the battery to extreme temperatures may cause the phone to malfunction, even if the battery is fully charged.
- 7. Do not put the battery in a fire. Please discard the battery in a proper manner or take the battery to a battery recycling station. Please dispose of waste batteries in accordance with local laws and regulations.







Meridian

KEY DESCRIPTION

Power Key: Hold down for 3 seconds to turn on/off. Hold down for 12 seconds to reset.

Direction Key: up, Down, Left and Right. Short press the up, down, left, and right keys respectively to adjust the direction; Long press the up and down buttons respectively to adjust the volume of the system; Long press the left and right keys to adjust the brightness of the system screen.

Return Key: Return to the previous screen or return to the main screen.

APP Key: program Associated Shortcuts.

FN Key: Custom function keys can be set by software.

Aa Key: Case Switch, Press.

Home key: Return to the main screen. Enter key: Confirmation function.

Survey key: In the survey application interface, you can directly start the survey or management function in a short time.

Space key: Short press to enter a space, long press to continuously enter a space.





ANT Fixed position: Install SMA-J interface the four-arm helical antenna.

Laser: The output power is 1 milliwatt to 5 milliwatts, Avoid direct eye contact with visible laser radiation.

Caution Label: Do not stare into laser when use laser



Install Backpack

Assemble the screw in the screw hole(Pay attention to the screw direction).

Install the backpack on the controller.

Battery charge

Use the travel charger.

Insert the small end plug of the USB cable into the host TYPE-C connector, insert the big end plug of the USB cable into the travel charging plug, and then plug the travel charging plug into the power



socket for charging.

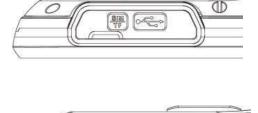
Charging with a USB cable.

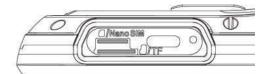
Plug the small end plug of the USB cable into the host TYPE-C connector and plug the big end plug into the computer's USB port for charging.

Install SIM card, memory card

This product uses a Nano SIM/UIM card. Push the Nano SIM card metal contacts all the way down into the slot, paying attention to the chamfering direction.

Push the metal contacts of the Micro SD memory card down into the slot, paying attention to the chamfering direction. Please note, if your SD card is exFAT, the controller will ask you to format the card, otherwise it will not be recognized. This request only occurs the first time a new SD exFAT card is inserted.





Special note:

The plug is IP67 waterproof.

When the end user completes charging or inserting and removing the SIM card or memory card. This plug must be plugged back into the groove to keep the plug no higher than the casing around the plug, otherwise it will affect waterproof.

Switching machine

To power on, firmly press the [Power Button] on the red bottom until the boot screen appears. Screenshots and other options, select the shutdown option, then shut down. In the power on state, click [Power button] to close the screen and enter the sleep mode; click [Power button] again to wake up the screen, and slide the screen up on the screen to unlock the screen; the host will automatically turn off the screen and enter the sleep mode after a period of inactivity.

Home screen operation

From the home screen, you can view device status and access applications. Swipe up on the screen to view all apps. At the top of the main screen is the status bar containing the notification area, the status area, and the display area. At the bottom is the system navigation bar, which allows you to easily return to the previous screen, return to the main screen, and switch applications using the buttons at the bottom of the screen.

The standard mode of the controller is touch mode, but it is possible to set the pen mode by changing the settings. Once the pen mode is set, the controller will remember this mode even when turned off and on again.