


PCR500 QUICKSTART GUIDE



Copyright © TokNav Information Technology Co., Ltd. 2022. All rights reserved.

No part of this document may be reproduced or transmitted in any form or by any ways without prior written consent of TokNav Information Technology Co., Ltd.

Trademarks and Permissions

 and other TokNav trademarks are trademarks of TokNav Information Technology Co., Ltd.

All other trademarks and trade names mentioned in this document are the property of their respective holders.

Notice

The purchased products, services and features are stipulated by the contract made between TokNav Information Technology and the customer. All or part of the products, services and features described in this document may not be within the purchase scope or the usage scope.

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.

Contents

1.Before You Start	01
1.1 Precautions For Safe Operation.....	01
1.2 Exemption From Liability.....	01
2.PCR500 At A Glance	02
2.1 Key Description.....	02
2.2 Battery charge.....	03
2.3 Install SIM card, memory card.....	03
2.4 Special note.....	03
2.5 Switching machine.....	03
2.6 Home screen operation.....	03
3.Notice	04
4.Battery Instructions	04

1. Before You Start

Dear customers,

Thank you for purchasing our device. Before you start, please carefully read the following:

1. This user guide is for your device only. If the actual situation does not match with the situation in the user guide, the actual situation shall prevail.


2. For safety and instructions on how to use this device, please carefully read the precautions, exemptions from responsibility and instructions in the user guide.


3. The information in this user guide is subject to change without notice. We reserve the right to change or improve the device as well the content in the user guide without further notification.

1.1 Precautions For Safe Operation

For the safety of your products, operators and other persons, please read this part carefully before using your product.

Precautions can be divided into the following levels according to the degree of loss or injury under negligence or omission circumstances:

 **Warning:** Precautions requiring special attention. Ignoring this indication may result in death or serious injury to the operator.

 **Caution:** Precautions mainly for informing, such as supplementary instructions and using limitations. Ignoring this indication may result in personal injury or property damage.

1.1.1 Warning

1. Do not disassemble and open the device by yourself. Only TokNav Information Technology authorized distributors can disassemble or rebuild the device.

2. Please do not cover the charger when charging.

3. Please do not use wet charger, defective power cable, socket or plug, and other power cable which is not recommended by TokNav Information Technology.

Otherwise, fire or electric shock may occur.

4. Please do not place the device near burning gas or liquid, and do not place it in an open flame or high temperature environment. Otherwise an explosion may occur.

5. Please avoid battery short circuit. Otherwise a fire may occur.

6. Please avoid the interference of severe electrostatic discharge. Otherwise, the device may experience some performance degradation, such as automatic opening/closing, etc.

1.1.2 Caution

1. Please fix the device firmly on the pole.

2. To avoid accidental damage, only use original accessories. Otherwise, the device may be damaged.

3. When transporting, please try to reduce the vibration of the equipment.

4. Do not touch the device with wet hands. Otherwise, electric shock may occur.

5. Please do not stand or sit on the carrying case, and do not turn it over, otherwise the device may be damaged.

1.2 Exemption From Liability

You should follow all operating instructions and periodically check the performance of this equipment.

We disclaim all liability for any damages and lost profits caused by:

1. False or Intentional Use or Misuse.
2. Any irresistible natural disasters, such as earthquakes, storms, floods, etc.
3. Data change, data loss, business interruption, etc.
4. Delivery error.
5. Use non-original accessories.
6. Operations not described in the user guide.

2.PCR500 At A Glance

2.1 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.

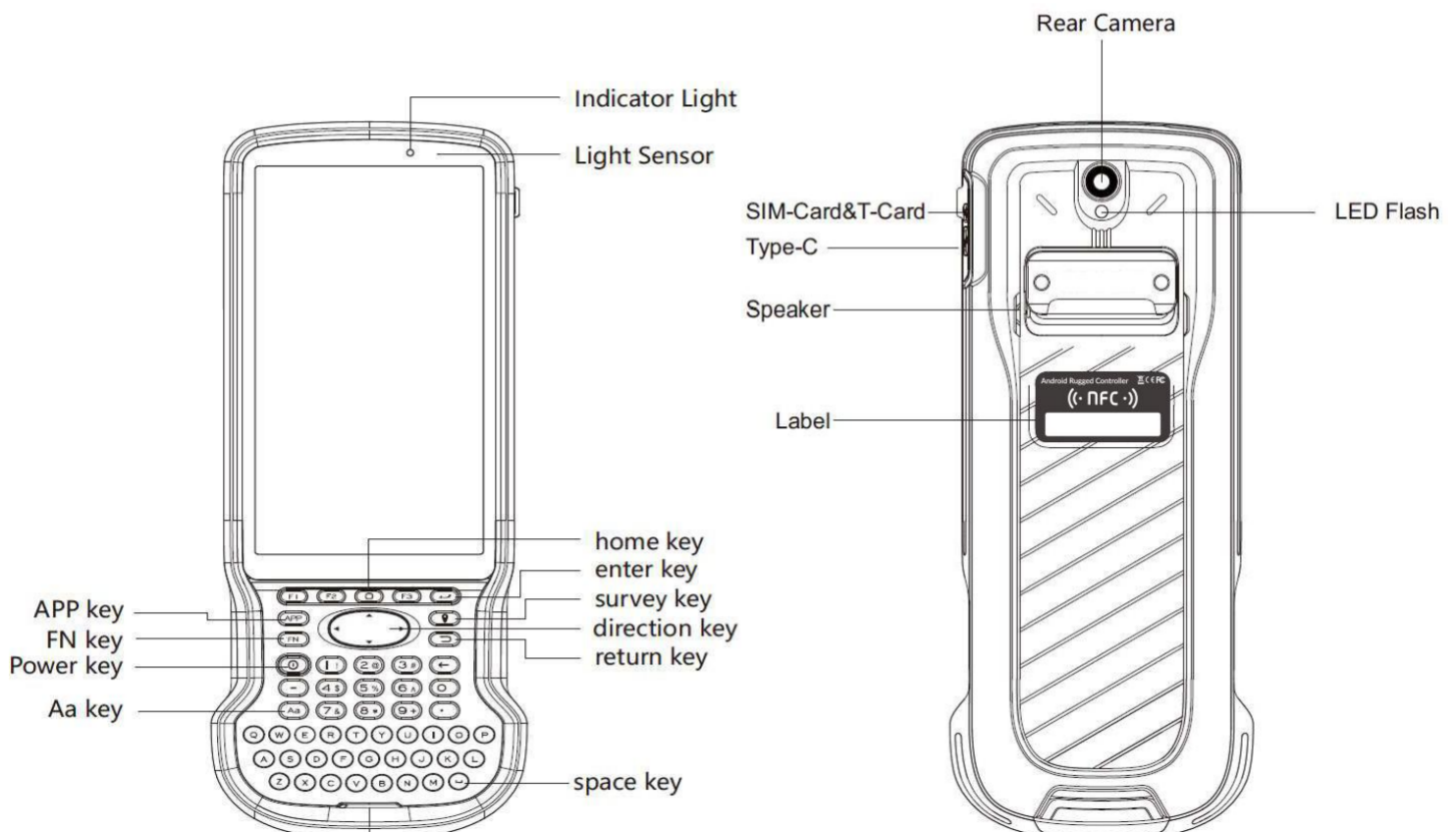
FN Key: Custom function keys can be set by software.

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.



2.2 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.

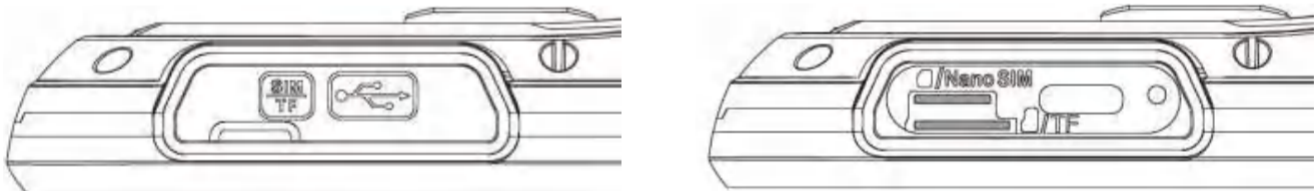
Charging with a USB cable.

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.

2.3 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.



2.4 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.

2.5 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.

2.6 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.

3. 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.

4. 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.

Guangzhou TokSurvey Information Technology Co.,Ltd

Support: info@toknav.cn
Website: <https://www.toknav.cn>