User Manual
ZKC5502

Website

ZKC5502

Shenzhen ZKC Software Technology Co.,Ltd
www.zkc-pda.com

Printer paper case
58mm thermal printer
Power button
Volume control
Customizable button

5.5" touch screen

Printer cover handle

Speaker

Camera
DC 2.0
Micro-USB

SIM card slot

Charge contacts

Micro-USB debug interface
Only for developer debugging, this interface does not support charging
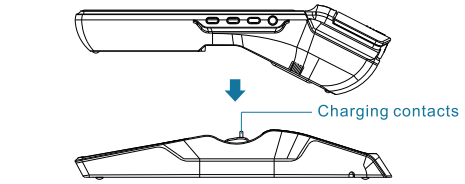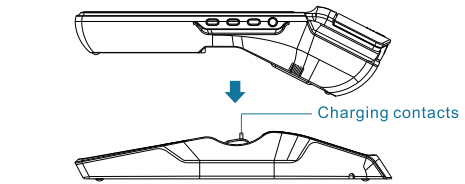
SIM card slot
Note: when you insert or remove a SIM card, please make sure that the machine is turned off,if on the power-on state, it may cause a malfunction.
Open the SIM card cover and insert the SIM card

Charging contacts
(avoid contact with water, metal objects, other electric devices)

Print instructions
The machine supports 58mm thermal printing, paper roll size: 57±0.5mm*Φ35mm
·Please pull up the lid handle to open the paper cabin, do not force open the paper cabin, to prevent the print head gear wear;
·Place the paper in the paper cabin correctly and pull out some paper to the cutter;
·Cover the printer handle, the paper installation is complete.
Note: if the printing content is blank, please check whether the roll direction is reversed.

Common trouble-shooting

1、The printer does not work
·Make sure the paper cover is closed correctly;
·Make sure use the appropriate paper and install it correctly;
·Please check whether the paper holder has a 57*35mm thermal printing roll paper;
·When printing blank content, check whether the paper roll is reversed.

2、Can not power on the machine
·Device battery is too low,use the original charger, charging at least 3 minutes then trying to boot;
·If the boot does not normally display the boot screen, restart after shutdown, pay attention to long press the power button till the boot screen displayed.

Notice

Safety warning
· Plug the AC adapter into the AC outlet relative to the identification on the adapter;
· Prohibit use in any potentially explosive gas places;
· Non-professionals do not dissemble the device optionally to avoid danger.
· This is a Class A product. In the daily environment,this product may cause radio interference. In this case, the user may be required to take effective measures for the interference.

Important safety instructions
· Avoid installation or use during the thunder and lightning in case electric shock by lightning.
· When you notice abnormal smell, over heat or smoke Please cut off the power immediately.

Statement
· If the use and maintenance of damage is not obeyed to this guide,the company will not assume any responsibility.
· Without our consent disassemble, the Company will not assume any responsibility;
· Due to natural disasters or man-made damage to the product, the company will not assume any responsibility.

Disclaimer
Due to product updates, some of the details of this document may not match with the product, please in kind prevail. Interpretation of this document is owned by the Company. Reserve the right to modify this specification without prior notice.

Battery charging description

The device only support charging base charging, does not support USB cable charging
·Plug the base adapter into the power outlet;
·Place the machine into the charging base as the schematic direction shown;
·There will be a corresponding icon display on the screen when charging
·If no charging icon appear, please check whether the direction of the machine into the docking station is correct.

Battery instructions/notes
·The machine is equipped with non-removable built-in lithium battery Do not disassemble;
·To protect the battery life, it is recommended to charge at any time, do not wait until the battery is depleted and then charge.

Specification

	TD-SCDMA(B34/39)、WCDMA(B1/8)、EVDO/CDMA(BC0)
OS	Android7.1
CPU	1.1 GHz
Memory	1GB RAM, 8GB ROM
Camera	2.0MP camera support 1D/2D barcode scan
Screen	5.5 inch TFT, 1280*720
4G	LTE-TDD(B38/39/40/41)、LTE-FDD(B1/3/5/8)
3G	TD-SCDMA(B34/39)、WCDMA(B1/8)、EVDO/CDMA(BC0)
2G	GSM(1800/1900)
WIFI	IEEE802.11b/g
Bluetooth	Bluetooth 4.0
NFC	Optional
Button	1*power button,2*Volume, 1*Customizable button
Printer	built-in 58mm thermal printer,max 80mm/s
Paper roll diameter	Maximum diameter 35mm
Battery	1 built-in 7.2V,4000mAh lithium battery
Size	Mobile terminal size LWH: 219×89×62mm Charging base size LWH: 213×87×33mm
Weight	The weight of the machine(including charging base and power supply): 615g

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Accessories

☑ 1*Roll
☑ 1*USB cable
☑ 1*User Manual
☑ 1*Charging base (Power Adapter)
☑ 1*Warranty Card, 1*Qualified Certification

FCC Statement

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

SAR Information Statement

Your Handheld integrated intelligent terminal is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the phone 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 phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when worn on the body, as described in this user guide, is 0.31 W/Kg (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). The maximum scaled SAR in hotspot mode is 0.34 W/Kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/ oet/fccid after searching on FCC ID: 2AGEB-5502 Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at http://www.wow-com.com. * In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
The SAR test distance is 10mm.

A. Safety measures for users and non-users
Non-use of the device in certain situations (while driving) and certain places (airplanes, hospitals, gas stations and professional garages).
Precautions to be taken by wearers of electronic implants (pacemakers. insulin pumps. neurostimulators, etc.) concerning in particular the distance between the device and the implant (15 centimeters) and the position of the device. During the call on the side opposite the implant.
B. Advice for use to reduce the level of consumer exposure to radiation (e.g. Keep the device away from the human body during night rest or set it to flight mode, etc.). Recommendation of the use of the device in good reception conditions, to reduce the amount of radiation received (especially in an underground car park when travelling by train or car ...).
Indication of the parameters for good reception (e.g. display of four or five bars on the screen).
Recommendation to use a hands-free kit and, in this situation. Precautions to be taken when Communicating: keep the device away from the abdomen for pregnant women or from the lower abdomen for teenagers.

CE Statement

Herby, SHENZHEN ZKC SOFTWARE TECHNOLOGY CO., LTD declares that this Handheld integrated intelligent terminal , 5502 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10), this product allowed to be used in all EU member states.
Use the Handheld integrated intelligent terminal in the environment with the temperature between -10℃ and 40℃,
Use careful with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss.
Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
The product shall only be connected to a USB interface of version USB2.0
SAR: The device complies with RF specifications when the device used at 5mm from your body. The highest SAR value for this device when worn on the body is 1.39 W/Kg.
Adapter shall be installed near the equipment and shall be easily accessible.
The plug considered as disconnect device of adapter
Adapter Model: GHSOU-090700
Input: AC 100-240V, 50/60Hz,0.4A
Output: DC 9V, 2000mA

Operation Frequency:
For BT: 2402MHz~2480MHz
For WIFI:
2412MHz~2472MHz (802.11b/802.11g/802.11n(HT20))
2422MHz~2462MHz (802.11n(HT40))
For GPS: 1.57542GHz
For GSM:
E-GSM 900/GPRS 900:
TX: 880MHz~915MHz; RX: 925MHz~960MHz
E-GSM 1800/GPRS 1800:
TX: 1710MHz~1785MHz; RX: 1805MHz~1880MHz
For WCDMA:
UTRA Band I: TX:1920MHz~1980MHz;
  RX: 2110MHz~2170MHz
For LTE:
LTE Band 1: (UL)1920MHz~1980MHz,
(DL)2110MHz~2170MHz
LTE Band 3: (UL)1710MHz~1785MHz,
(DL)1805MHz~1880MHz
LTE Band 8: (UL)880MHz~915MHz,
(DL)925MHz~960MHz
LTE Band 38: (UL)2570MHz~2620MHz,
(DL)2570MHz~2620MHz
LTE Band 40: (UL)2300MHz~2400MHz,
(DL)2300MHz~2400MHz
Max Output Power:
For BT: 0.0038W
For WIFI:0.0469W
For GSM900: 1.7458W For GSM1800: 1.2162W
For WCDMA B1: 0.2296W
For LTE B1:0.2393 W For LTE B3:0.1991 W
For LTE B8:0.208 W For LTE B38:0.2286 W
For LTE B40:0.2143 W

Manufacturer： SHENZHEN ZKC SOFTWARE TECHNOLOGY CO., LTD
Address： 1 st Block, Zhongkenuo Industry Park, Beiqi Road, Xixiang, Bao'an, Shenzhen, China
E-mail: web@sznewbest.com

DECLARATION OF CONFORMITY

I hereby declare that the product

Product:
Product Name: Handheld integrated intelligent terminal
Model: 5502
Brand Name: ZKC
Hardware Version: V1.3
Software Version: Android 7.1
Accessories:
Battery Information:
Model: HS-18650-2P2S
Specification: 7.4VDC, 4000mAh
Manufacturer: SHENZHEN ZKC SOFTWARE TECHNOLOGY CO., LTD
Adapter Information:
Model: GHSOU-090700
Input: AC 100-240V, 50/60Hz,0.4A Output: DC 9V, 2000mA
Manufacturer: SHENZHEN ZKC SOFTWARE TECHNOLOGY CO., LTD

satisfies all the technical regulations applicable to the product within the scope of Council Directives 2014/53/EU, 2014/35/EU and 2014/30/EU and declare that the same application has not been lodged with any other notified body.

EN IEC 62368-1:2020+A11:2020
EN 50566:2017
EN 50663:2017
EN 62209-2:2010/A1:2019
EN 62479:2010
Draft ETSI EN 301 489-52 V1.2.0 (2021-09)
Draft ETSI EN 301 489-19 V2.2.0 (2020-09)
Final ETSI EN 301 489-17 V3.2.4 (2020-09)
ETSI EN 301 489-1 V2.2.3 (2019-11)
EN55032:2015+A1:2020+A11:2020
EN55035:2017+A11:2020
EN IEC 61000-3-2:2019
EN 61000-3-3:2013+A1:2019
ETSI EN 300 328 V2.2.2 (2019-07)
ETSI EN 303 413 V1.2.1 (2021-04)
ETSI EN 301 511 V12.5.1 (2017-03)
ETSI EN 301 908-1 V13.1.1 (2019-11)
ETSI EN 301 908-2 V13.1.1 (2020-06)
ETSI EN 301 908-13 V13.1.1 (2019-11)
(Titles) of regulations, standards, etc.)
All essential radio test suites have been carried out.

NOTIFIED BODY: MiCOM Labs Inc
· **Address**:
575 Boulder Court,
Pleasanton, California94566
USA
Identification Number: 2280
MANUFACTURER or **AUTHORISED REPRESENTATIVE:**
· **Address**:
SHENZHEN ZKC SOFTWARE TECHNOLOGY CO., LTD,
1 st Block, Zhongkenuo Industry Park, Beiqi Road, Xixiang, Bao'an, Shenzhen, China

This declaration is issued under the sole responsibility of the manufacturer and, if applicable, his authorised representative.
Point of contact:
Benson Xu, STD-5117/3277/0789-5117327B
(Name, telephone and fax number)

2021-12-21
(Place, date of issue)

(Signature)
Benson Xu, General manager
(Name and title in block letters)