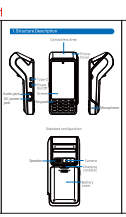
## 1. Product Introduction




## 2. Operation

**Power On/Off**

Power on: Press "⏻" key for 2-3 seconds to power on/standby.

Power off: Press "⏻" key until it shows menu "power off, restart, reset" power off" to enter menu,you POS be forced to shut off, "restart" hit, press ok to confirm.

**Magnetic card**

Swipe card in magnetic card slot as demonstrated below in the direction of the arrow, ensuring the card is fully inserted.

**NOTE:** Any damage to the magnetic or inserted swiping may lead to transaction failures.

**Contact IC Card**

Find IC Card Slot: Locate the slot on the main unit. To insert a card, hold the aforementioned side of the IC chip with chip facing up, insert the card into the slot. Ensure the card is inserted fully and firmly to avoid issues in the transaction process.

**NOTE:** If the contact point of the chip is damaged or oxidized, the transaction may fail.

**Contactless IC Card**

While tapping a card, hold the Card Light close to the top of the device. Upon successful card recognition, a beep sound and vibration indicate a successfully completed transaction. At this time, the card can be removed.

**Paper Removal**

To remove the used paper by hand, tear it down towards the direction as shown in the pic. While tear top the paper, please make sure the speed and power are even and swift.



**Install/Disassemble Battery**

1. Remove battery cover:
2. Install/disassemble battery:
3. Close battery cover:

**Power Charge**

Remove the battery cover, insert the charge jacket in polymer battery cover, then insert the charge connector into charge port, finally insert the power cord into USB cable. Plug the adapter into a power outlet. Power on the terminal. The terminal will initially display the charge progress. After the terminal is fully charged, it will display as shown in the pictures.

**Install Paper Roll**

1. Open the paper cabinet cover in the direction shown below.
2. Place the paper roll into the paper cabinet in the direction shown above, leaving a small portion of paper below the paper cutter.
3. Close the paper holder cover in the direction shown below.

**NOTE:** Make sure to the paper roll installed the right direction or it will result in ineffective printer.

**Install SIM/SAM card**

1. Open the battery cover.
2. Insert the SIM/SAM card into the card holder (like step of SIM/SAM/SD card in a smart phone) and the notch of the card faces outward.

**Attention:**

1.Improper access SIM/SAM/SD card, make scratch and is unusual to avoid damage to the card.

2.Do not use sharp or pointed objects, stickness adhesive, solid strong effect has the thickness of a postal letter. Do not push, insert or remove all cards.

## 3. Packing List

| No. | Item | Quantity |
|---|---|---|
| 1 | N80 POS Terminal | x 1 |
| 2 | N80 Quick Start Manual | x 1 |
| 3 | Power Adapter | x 1 |

## 4. Trouble Shoot

If you cannot find answer from below, please contact your sales or technical support.

| Problem | Reason | Solution |
|---|---|---|
| Power on failure | Battery is exhausted | Charge the battery |
| | Battery is damaged | Replace the battery |
| | Power button is damaged | Contact the manufacturer to repair |
| POS Crashes and Freezes | Too many Apps | Uninstall some Apps |
| | Third-party Apps | Uninstall the corresponding Apps |
| Contactless Card Reader | Delay response to card tap | 1. Move card slowly 2. Ensure card is not damaged |
| | Card not recognized | 1. Remove the terminal's protective case 2. Ensure card is not damaged |
| | Card read but transaction failed | Ensure card has sufficient balance and is valid |
| Printer | Paper jam | 1. Remove the terminal's protective case 2. Ensure the paper roll is installed correctly |
| | Poor quality printed text | Replace with a good quality paper roll |
| Camera | Blurry Image | 1. Ensure lens is clean 2. Adjust focus |
| | Poor Scan Quality (Low Image Appeal) | 1. Ensure the code target is clear and not damaged 2. Ensure the code is not too small or too large 3. Ensure the code is not too close or too far from the camera 4. Ensure the code is not too dark or too bright 5. Ensure the code is not too small or too large 6. Ensure the code is not too close or too far from the camera 7. Ensure the code is not too dark or too bright |
| Fingerprint Sensor | Fingerprint not recognized | 1. Ensure the finger is clean and dry 2. Ensure the sensor is clean 3. Adjust finger pressure and position 4. Ensure the finger is not too small or too large 5. Ensure the finger is not too close or too far from the sensor 6. Ensure the finger is not too dark or too bright 7. Ensure the finger is not too small or too large 8. Ensure the finger is not too close or too far from the sensor 9. Ensure the finger is not too dark or too bright |
| Battery | Battery is not charging or charging slowly | 1. Ensure battery is properly installed 2. Ensure the charging port is clean and free of obstructions 3. Ensure the charging cable is not damaged 4. Ensure the charging adapter is not damaged 5. Ensure the charging port is not damaged |

## 5. Attention of installation and operation

- Please follow the instructional tidbits when instalel and connect the terminal.
- The working temperature range of the terminal is 0℃~ 50℃, the storage temperature range is -20℃~ 70℃.
- The terminal can just use specified power adapter, cannot replacing at ther, otherwise it will cause the terminal to work abnormalor even damage the terminal.
- Do not damage the power cable and power adapter. It can't pull the cable or remove the power cable or power adapter to damaged.
- Before plugging into the AC socket, please check whether the power outlet matches the set voltage of the device. It is recommended to choose a base socket and have a grounding wire.
- Please keep the terminal away from liquids, and it is forbidden to splash any liquid or conductive material, otherwise it will cause the terminal to short circuit or damage.
- Cannot break any internal parts, the sex parts, otherwise the terminal will be damaged during use.
- Please contact the professional POS maintainer when the terminal fails, users or other unqualified POS maintainer are not allowed to disassemble the terminal.
- Please use standard printing paper to prevent paper jam or printer damage.
- Please do not shake or knock the terminal.
- Do not use or place flammable sprays, paints, etc.,near this terminal to avoid fire.
- Cut fail to disassemble or remake the terminal. Forbidden to use the terminal for illegal way, offenders will stand legal responsibility.
- This battery is intended for use in N80 series products only.

## 6. List of Toxic and Hazardous Substances or Elements

| Name | Hazardous substances or elements | | | | | |
|---|---|---|---|---|---|---|
| | Lead (Pb) | Mercury (Hg) | Cadmium (Cd) | Hexavalent chromium (Cr(VI)) | Polybrominated biphenyls (PBB) | Polybrominated diphenyl ether (PBDE) |
| Circuit board assembly | ○ | ○ | ○ | ○ | ○ | ○ |

Description:

"○" means that the component of the tech and hazardous substances or elements in homogeneous material table of the part is below the limit requirement of the SJ/T11363-2006 standard.

"-" means that the content of the toxic and hazardous substances or elements in homogeneous material table of the part exceeds the limit requirement of the SJ/T11363-2006 standard, but the parts marked as "-" in the above table are all exempted from the restrictions of the EU RoHS directive, or their limited and the substitution of toxic and hazardous substances or elements cannot be achieved.

Environmental protection services (Products) that been reached or exceeded the environmental protection service life. Please follow the "Measures for the Control of Pollution Administrative Measures for the Control of Electronic Information Products" and should not be discarded at will.

## 7. FCC Statement

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 circuit not 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.

**Caution!**

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

The SAR test set by the FCC is 1.6W/kg-1g. For body-worn operation, this device has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and positions the device a minimum of 15 mm from the body. RF exposure compliance with any body-worn accessory not containing metal cannot be guaranteed. Avoid use of such body-worn accessory should be avoided. Accessory available in market and must be used to keep use distance 15mm from DUT to body-worn operation.

Non-compliance with the above and not items may result in violation of RF exposure guidelines.

- Replacement of a BATTERY with an incorrect type that can defeat a SAFEGUARD (for example, in the case of some lithium BATTERY types)
- disposal of a BATTERY into fire or a hot oven, or mechanically crushing or cutting of a BATTERY, that can result in an EXPLOSION;
- leaving a BATTERY in an extremely high temperature surrounding environment that can result in an EXPLOSION or the leakage of flammable liquid or gas; or
- a BATTERY subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

## 8. Special statement

Shenzhen Xinguodu Technology Co., Ltd. reserves the right to modify this manual without prior notice, and reserves the right to continuously improve the accuracy, sufficiency and timeliness of the content of this manual. However, Shenzhen Xinguodu Technology Co., Ltd. does not assume any legal responsibility for the adverse consequences caused by the use of this product or the use of accessories not provided by our company in accordance with the instructions in this manual.

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