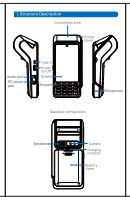
1. Introduce Each Module



2. Operation Way

Power On/Off

Power on: Press "⏻" key for 3-5 seconds to power on normal.

Power off: Press "⏻" key until it shows menu "power off, restart, reset, cancel off" on your menu, or if POS be locked on, pls "unlock" first, press ok to confirm.

Magnetic card

Swipe card for magnetic card slot as diamond-sided below.

Please swipe the card in the direction of the arrow below.

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

Contact IC Card

Touch Card Slot to find out one of the marks with. To insert a card hold the opposite side of the IC chip with chip facing up, insert the card into the slot as far as it will go. Leave the card there. IC card should remain in the device during the entire process.

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

3. Contactless IC Card

While tapping a card, hold the Card's get close to the top of the screen. Wait until the screen prompts "Please remove card", which means 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 tearing the receipt, please make sure the speed and power are even and swift.

Install/Disassemble Battery

1. Remove battery cover.
2. Install/disassemble battery.
3. Replace battery cover.

Power On/Off

Remove the battery cover. Insert the rechargeable Li-polymer battery. Replace the battery cover. Connect the power cable to the adapter and the adapter to a 100V outlet. Plug the adapter into a power outlet. Power on the terminal. The terminal will automatically charge. "⚡" will display as shown in the pictures.

Install Paper Roll

1. Open the paper cabinet cover in the direction shown below.
2. Insert the paper roll correctly as shown in the figure 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 it is paper of recommended size right direction or it will result in ineffective printing.

Instruction Label

1. Open the battery cover.
2. Tear off the instruction label from the card holder (like strip of DRYPAPER) and let it attach and seal to the inside of the card holder.

Attention:

It helps to remove DRYPAPER and make sure the unit is turned off to avoid damage to the card.

DRYPAPER is a moisture absorbent and corrodes, oxidizes or adheres, while being stuffed in the thickness of a printed circuit board, thus causing a failure of a unit.

4. Technical Data

No.	Item	Quantity
1	N80 POS Terminal	1
2	N80 Quick Use Manual	1
3	Power Adapter	1

5. Trouble Shoot

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

Problem	Cause	Solution
Power On Issue	Battery is running out of power.	Recharge the battery.
	Battery is not installed correctly.	Install the battery correctly.
	Battery is damaged.	Contact your sales or technical support.
Printing Issue	No paper.	Put new paper roll.
	Paper is too thick.	Use paper that meets specifications.
	Overheated.	Let equipment cool down for a while.
Communication Issue	Wireless network is not available.	1. Move to a location with better signal strength. 2. Contact your service provider.
	Bluetooth is not connected.	1. Remove the terminal from the Bluetooth device. 2. Reset the Bluetooth connection.
	Low battery.	Recharge the battery.
Application Issue	Application is not working properly.	Check that the correct application is installed for your region. Contact your service provider.
	Application is not responding.	Restart the terminal.

6. Error Code

Error Code	Meaning	Solution
1	Battery Error	Please check if the battery is installed correctly.
2	Printing is too hot	Poor quality printed receipts
3	Printer is out of paper	Replace with brand quality paper roll
4	Printer Head Error	1. Power is also too low. 2. Printer head is damaged.
5	Printer Head Temp Too High	Please wait for a few minutes.
6	Printer Head Temp Too Low	Please wait for a few minutes.
7	Printer Head Temp Too Low	Please wait for a few minutes.
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7. Instruction of installation and operation

- Please follow the instructions strictly when install and connect the terminal.
- The working temperature range of the terminal is 0°C ~ 50°C, the storage temperature range is -20°C ~ 70°C.
- The terminal can use specified power adaptor, cannot replace by others, otherwise it will cause the terminal to work above malfunction even damage the terminal.
- Do not damage the power cable and power adaptor. It can't be twisted, stressed the power cable or power adaptor to damaged.
- Before plugging into the AC socket, please check whether the power switch matches the set voltage of the device. It is recommended to choose a fuse 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 short circuit or damage to the terminal.
- Do not install the terminal where there are jets, otherwise it will cause malfunction or damage.
- Please contact the professional POS maintainer when the terminal fails, users or other unqualified POS maintainer are not allowed to repair 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 prevent fire.
- It is fail to disassemble or remake the terminal, it includes to see this terminal in illegal way, offenders will stand legal responsibility.
- This battery is intended for use in N80 series products only.

8. List of Toxic and Hazardous Substances or Elements

Name	Hazardous/toxic substance or elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr(VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Printed Circuit Boards	O	O	O	O	O	O

Description:

"O" means that the content of the toxic and hazardous substance in all of homogeneous material of the part is below the limit requirement of the SJ/T11363-2006 standard.

"X" means that the content of the toxic and hazardous substance in at least one of homogeneous material of the part exceeds the limit requirement of the SJ/T11363-2006 standard, but the parts marked as "X" in the above table are all meeting the exemption listed in the EU RoHS legislation. Environment friendly use period is determined by the normal operating temperature and humidity conditions mentioned in the user manual of this product.

Environmental protection reminder: Products that have reached or exceeded the environmental protection service life should be handled by the recycling facilities according to Administrative Measures for the Control of Electronic Information Products' and should not be discarded at will.

9. 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 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.

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 limit set by the FCC is 1.6W/kg. Hy Tru 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 10 mm from the body. RF exposure compliance with any body-worn accessory not containing metal and not supplied or approved. Add use of such body-worn accessory should be avoided. Accessory available in market and must be used to keep use distance 10 mm from DUT to body-worn operation.

Non-compliance with the above restrict 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.

10. 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 reliability of the contents of this manual.

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 requirements of this manual.

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SHENZHEN XINGUODU TECHNOLOGY CO.,LTD.
Company address: 11th Floor,Dayi Mansion, Terra Industrial Trade Park, Dengliangkeng Road, Shenzhen
Website: www.nexgo.cn
Inquiry: https://www.nexgoglobal.com