Newland | Where payment happens, Where NEWLAND discovered.

N750 POS Terminal

Quick Reference Guide

Packing List

1 POS terminal
1 user manual
1 Li-ion battery
1 power supply
(AC plugs shall be subject to the actual supply in the sales area.)

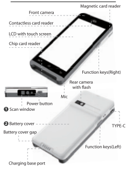
- Please check the items when you receive the product and if there is anything defective or missing, please contact your terminal provider.
- For any other AC Type Plug requirement, please contact your terminal provider.

Introduction

- This is a new multi-functional POS terminal – N750. It has different optional configurations and accessories. Please select by yourself according to this document or supplier.
- Read this guide to understand and make the best use of your terminal. It presents you the necessary information about use, installation, maintenance, safety and security recommendations.

⚠ **WARNING:**
Use only the accessories included with the product to ensure best performance and safety. Maintenance should only be provided by Newland authorized technician. Failure to comply with these instructions will void the manufacturer's responsibility.

Overview of the Terminal



❶ The professional scanner is optional, if it's not available the scan window is black.
❷ Large capacity battery is optional, if it's available, the battery cover needs to be replaced.

Installation

- **Recommendations**
  The terminal should be kept away from very hot zone and protected from vibrations, dust, damp or electromagnetic radiation (like computer screen, wireless intercom etc.).
- **Environment condition**

Operating temperature	32°F to 104°F (0°C ~ 40°C)
Storage and transportation temperature	-4°F to 140°F (-20°C ~ 60°C)
Relative humidity	5% ~ 93% non-condensing at + 104°F (40°C)
Battery charging conditions	32°F to 104°F (0°C ~ 40°C)

Battery Installation

- **Caution:**
  1. Make sure that the terminal is power off and the adapter power is disconnected before installing the battery.
  2. Always follow the installation notes and diagrams. Improper operation will damage the terminal or battery.

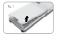
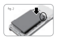


fig. 1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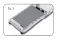
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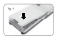
fig. 4

- **Installation steps**
  Step 1: Turn the terminal upside down and remove the battery cover as shown by the arrow in .(fig.1)
  Step 2: Place the battery into the battery compartment. Pay attention to the contact direction of metal contacts of the battery.(fig.2)(fig.3)
  Step 3: Cover the battery cover and turn the terminal facing up.(fig.4)
- **Disassembly steps**
  Reverse the above steps.

SAM/SIM/MicroSD Card Installation

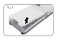
fig. 5

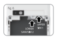
fig. 6

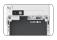
fig. 7

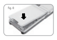
fig. 8

- **Step 1**: Turn the terminal upside down and open the battery cover. You should remove the battery first if there is a battery.(fig. 5)
- **Step 2**: According to the SIM/SAM/MicroSD card position of the engraved marks, or pasted on the lower housing, load the required cards. Be sure to put the cut corner as indicated on the engraved or pasted marks.(fig. 6)(fig. 7)
- **Caution:**
  a. SIM/SAM/SD are selected subject to the product configuration.
  b. The SAM card can be configured as SIM2.
- **Step 3**: Replace the battery and cover then turn the terminal facing up.(fig. 8)

Switching on/o ffthe Terminal

- **Power on**: Press power button for about 2 seconds till the LCD is lit to switch on.
- **Power off**: Press and hold power button to see a pop-up window, touch the screen to select "Power off" to power o ffthe terminal. (Or to select "Reboot" and then "OK" to reboot the terminal.
- **Note**: If there is a crash, please press power button for about 10 seconds to reboot the terminal forcibly, or re-plug the battery then boot the terminal.

Charging the Battery

- Place the terminal on the charging base (if available) or connected to the adapter to charge the battery.
- **Tips:**
  1. Please charging the new battery then use.
  2. If the device is not used for more than 30 days, disconnect the battery from the device.
  3. For long time storage, please charge the battery every 3 months.
  4. A fully discharged battery may need 2.5 hours charging time to recover.
  5. Do not charge the battery for a long time exceed 8h.

⚠ **Warning:**
Use the original battery and power adapter of Newland only. The use of other batteries or power adapters may result in damage to and even explosion of the terminal and battery. Charge the terminal under the specified ambient conditions. The terminal will be prohibited charging by hardware whether the temperature is too high or too low.

Reading Card

Chip card
Insert the chip card into the terminal as shown by the arrow on the slot with its contact surface (chip) facing up. Do not remove the chip card during the transaction.

Magnetic stripe card
Swipe the magnetic card along the slot with its band facing down. Keep the swiping speed uniform as much as possible. It is allowed to swipe the magnetic card from left to right or from right to left. Use a regular movement in order to ensure a reliable card reading.

Contactless card
Bring the card firmly up to the RFID reader, keep the card close to the reader during the transaction. The LED indicator at the top of the terminal will indicate the transaction state during the transaction.

External Connections

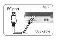
fig. 9

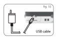
fig. 10

- 1. Connect PC and POS terminal (fig. 9) for maintenance and download.
- 2. Connect the power adapter and POS terminal (fig. 10) for charging.
- 3. If you need to connect other peripherals, please contact terminal providers.

⚠ **Warning**
Do not connect any peripheral equipment that has not been authenticated by the Newland to avoid damage.

Safety

- 1. Please be sure to take to comply with the specifications in this document.
- 2. Do not use in proximity of potentially flammable gases or substances.
- 3. Do not disassemble the terminal, power adapter or battery.
- 4. Cut off the power immediately, when there is unusual smell, overheating or smoke.
- 5. There is a risk of explosion if the battery is incorrectly replaced or is placed in a fire. Life-ended batteries must be disposed of at the appropriated sites.
- 6. Do not use in a near water or humid environment to prevent liquid from entering the device.
- 7. Do not use the terminal in extremely cold or hot zones, such as near a fire.
- 8. Do not drop, throw or bend the device.
- 9. Use in clean environment to avoid entry of small objects into POS.
- 10. Do not use near hospital equipment without permission.
- 11. Do not use terminals with radio communication on or near the aircraft, or in any other place where radio communication is prohibited.

Security of Your Terminal

Your terminal fulfills current applicable PCI PTS security requirements. Upon receipt of your terminal you should check for signs of tampering. It is strongly advised that these checks are performed daily after receipt (Be sure the circumstance is brightness or you may use a light tool as well).

- 1. Check the product name and the hardware version on the label to ensure the product is correct.
- 2. Check if there are bugs hidden in the IC card slot before IC card is inserted.
- 3. Check whether the magnetic card slot has the exception of adding magnetic head.
- 4. Check the appearance of the product to guarantee the device without being modified.
- 5. This is handheld device, not allowed to be fixed on the wall.
- 6. Before entering the PIN, the user should be aware of his/her surrounding and use the body, fingers or protection to block the voyeur's sight.

Standards

- **CE Marking**
  The CE marking indicates N750 complies the requirements of European Directive 2014/53/EU of 16 April, 2014 on Radio and Telecommunications Terminal Equipment for:
  1. The protection of the health and the safety of the user and any other person.
  2. The protection requirements with respect to electromagnetic compatibility.

5 GHz band (W52, W53): Indoor use only

BE	BG	CZ	DK	DE	EE	IE	EL
ES	FR	HR	IT	CY	LV	LT	LU
HU	MT	NL	AT	PL	PT	RO	SI
SK	FI	SE	NO	IS	LI	CH	TR

- **Others**
  The functions of Wireless Access Systems including Radio Local Networks(WAS/RLANs) within the band 5150-5350 MHz for this device are restricted to indoor use only within all European Union countries.(BE/BG/CZ/DK/DE/EE/IE/EL/ES/FR/HR/IT/CY/LV/LT/LU/HU/MT/NL/AT/PL/PT/RO/SI/SK/FI/SE/NO/IS/LI/CH/TR)

- **FCC**
  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.
  2. This device must accept any interference received, including interference that may cause undesired operation.

- **Note**
  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:
  1. Reorient or relocate the receiving antenna.
  2. Increase the separation between the equipment and receiver.
  3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  4. Consult the dealer or an experienced radio/ TV technician for help.

- **Specific Absorption Rate (SAR) information**
  SAR tests are conducted using standard operating positions accepted by the FCC with the device 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 device while operating can be well below the maximum value. Before a new product is a available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC, tests for each POS Terminal are performed in positions and locations as required by the FCC.

For body-worn operation, the device has been tested and meets the FCC exposure guidelines.
Non-compliance with the above restrictions may result in violation of RF exposure guidelines.
The device should be operated with minimum distances 10 mm from the Body.

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

Troubleshooting

- **I. The terminal does not turn on**
  1. Check that the battery is installed correctly
  2. Please charge the battery to check if it is fully discharged.
- **II. Battery life is significantly reduced**
  1. Check if the battery is fully charged.
  2. Battery life expires, please replace the battery.
- **III. Can't read the magnetic card or the card swiping has a low success rate**
  1. Check that the magnetic card is swiped correctly (with magnetic band facing down).
  2. Check if there any bugs or dirt on the magnetic head. Please clean it.
- **IV. IC cards can't be read**
  1. Make sure you have inserted correctly the Chip card into the chip card reader (with the chip facing up).
  2. Check if the card slot is blocked or if the card is in correct position.

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- This guide is for reference only. The actual product, including but not limited to color, size, and screen layout, may vary. All statements, information and recommendations in this guide do not constitute a warranty of any kind, express or implied.

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