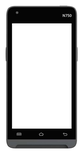
Front

Newland | Where payment happens. When NEWLAND discovers.



N750 POS Terminal

Quick Reference Guide

E

Packing List

1 POS Terminal
1 User Manual
1 Power Supply
(AC plugs shall be subject to the actual supply in the sales area.)
1 Cable

Cable	RJ45+Type#+Power multifunction cable;	Standard
	RJ45(ETH)+Power;	Optional
	TypeA(USB)+Power;	Optional
	DB9(RS232)+Power;	Optional
	Customized Cable	Optional

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 author ized technician. Failure to comply with these instructions will void the manufacturer' s responsibility.

Overview of the Terminal

Desk-top type

Bracket type (Optional)

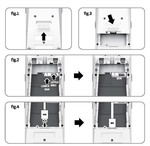
Installation

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	0°C~40°C(32°-104°)
Storage temperature	-20°C~70°C (-4°F~158°F)
Relative humidity	5% ~ 95% (Non-condensing)

Installing SAM/MicroSD Card/MCI



Step 1: Turn the terminal face down, Slide off the cover in the direction of the arrow (fig.1)

Step 2: According to the SAM/MicroSD card position of the engraved marks or pasted on the rear case, load the required cards. Be ture to put the cut corner as indicated on the engrave or pasted mark.(fig.2)

Step 3: Install the cover and turn the terminal face up.(fig.3)

Step 4: Insert horizontally according to the direction indicated by the arrow, and pay attention to the horizontal pull-out when pulling out.(fig.4)

Warning
Please turn off the terminal before installing the SAM card or SD card.
The main port at the back must not be used to connect an MCI video cable. Only connect cables provided by Newland.

Power On /Off

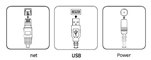
Note: Plug in the power supply, and the device terminal will start automatically. After that, you can turn it on and off through the power button.

Power on: Press and hold the ⏻ power key which is located next to the IC card slot for 2 seconds, until the LCD backlight s lit. Then the POS terminal is powered on.

Power off: Press and hold the ⏻ power key which is located next to the IC card slot for 2-3 seconds, the display screen will prompt a window, click the "power off " icon, and then the POS terminal power off.

Note: Please unplug the power supply to power off if the terminal is not responding.

External Connections



Warning
Do not connect any peripheral equipmentnot authenticated by Newland to avoid damage.

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 u p to the RFID reader.keep the card close to the reader during the transaction. The LED indicato
will indicate the transaction state during the transaction.

Back

Safety

1. Please be sure to take to comply with the specifications in this document.
2. Do not use in proximity of potentiallyflammable gases or substances.
3. Do not disassemble the terminal, power adapter.
4. Cut off the power immediately, when there is unusual smell, overheating or smoke.
5. Do not use in a near water or humid environment to prevent liquid from entering the device
6. Do not use the terminal in ext emely coldor hot zones, such as near a fire.
7. Do not drop, throw or bend the device
8. Use in clean environment to avoid entry of small objects into POS.
9. Do not use near hospital equipment without permission.
10. Do not use terminals with radio communication on or near the ai rcraft, or in any other place where radio communication is prohi bited.

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 labelto ensure the p roduct is correct.
2. Check if there are bugs hidden in the IC card slot before IC ca rd 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 devic
5. 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.

Operating Frequency Band(RF)

TX Frequency
EGSM900: 880 613 MHz(GC0);900 1710-1780MHz
WCDMA Band 1: 1920-1980MHz;WCDMA Band 8: 880-915MHz
LTE: 1920-1980MHz(B1);1710-1785MHz(B3); 2500-2570MHz(B7)
703-748MHz(B12);1710-1785MHz(B29);2570-2620MHz(B38);
1880-1905 MHz(B39)
2.4 GHz Wi-Fi 2412-2472 MHz; 2422-2462 MHz
5 GHz Wi-Fi: 5180-5240MHz; 5260-5320 MHz; 5470-5725 MHz; 5725-5850 MHz
Bluetooth/BLE: 2402-2480 MHz
NFC: 13.56 MHz

RX Frequency
EGSM900: 925-960 MHz
DCS:800: 1805-1880 MHz
WCDMA Band 1: 2110-2170MHz; WCDMA Band 8: 925-960MHz
LTE: 2110-2170MHz(B1);925-935-1805MHz(B3);2620-2690MHz(B7)
925-960MHz(B8);791-821MHz(B20)
2570-2620MHz(B38);2300-2400MHz(B40)
BR/EDR: 2402-2480MHz; 2422-2462MHz
5G Wi-Fi: 5260-5320MHz; 5250-5350MHz; 5470-5725MHz; 5725-5850MHz
BT/BLE:2402-2480MHz
NFC: 13.56MHz
GPS L1 C/A,BDS B1I:1559-1610MHz

Output Power
E-GSM 900:33.33dbm(GMSK);26.33dbm(8PSK)
DCS 1800:30.33dbm(GMSK);26.33dbm(8PSK)
WCDMA: 24.7dBm(B1), 23.83dBm(B8)
LTE :22.2dBm(B1),23.2dBm(B3), 21.8dBm(B7), 23.4dBm(B8),23.6dBm(B20), 23.8dBm(B38),22.8dBm(B40)
2.4G Wi-Fi:18.03dBm
5.2G:16.01dBm,5.3G:16.28dBm,5.8G:17.83dBm,5.8G:13.96dBm
BT:6.38dbm
BLE:5.68dbm
NFC:<42.dBuA/m@3m

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/RLAN) 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

Thisdevice complies with part 15 of the FCC Rules.Operation is su)ject to thefollowing two conditions:

1. This device may not cause harmful interference.
2. This device must acze pt any i nterference received, including interference that may cause undesired operation.

Note
This equi pment has been tes ted 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 wil not occur in a particular installation
If this equipment does cause harmful interference to radio or television reception, which can beda termined by turning the equi pment 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 antenn a.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment nto 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 hel p.

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

FCC Radiation Exposure Statement

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator &you body.

Troubleshooting

I. 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 on terminal side).
2. Check if there are any bugs or dirt on the magnetic head. Please clean it.

II. IC cards can't be read
1. Make sure you have inserted the chip card correctly into the chi p card reader (with the chip facing up).
2. Check whether the card slotis blocked or whether the card is in the correct position

III. LCD screen not Illuminated
1. Check whether the power supply is connected to the electrical outlet correctly.
2. Check whether the powersupply connector is connected to the POS terminal correctly.

IV. Communication failure
1. Check whether the cable is connected properly.
2. Check whether the signal of handheld device is strong enough

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