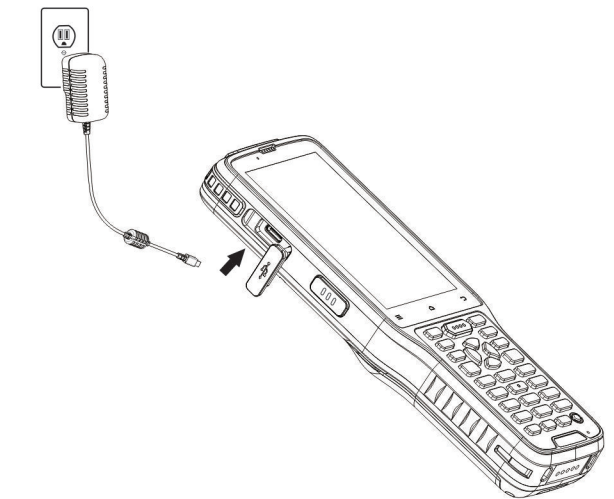


Charging the Battery

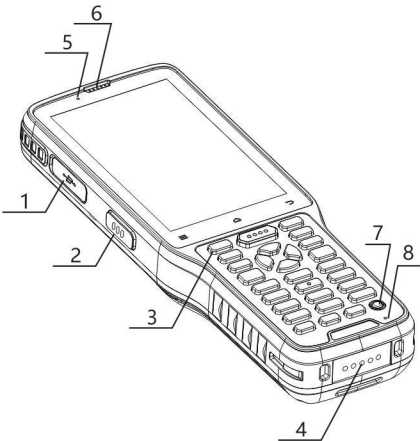
Low battery may result in malfunction of the terminal. Before your first use, charge the battery for at least 2 hours.
Terminal with Hall switch, need to be fitted with battery cover to power on.



Connect the Type-C USB port on the left side of the terminal to a power outlet using the included AC adapter. (For the location of the Type-C USB port, see item 1 in the Front View.)

1

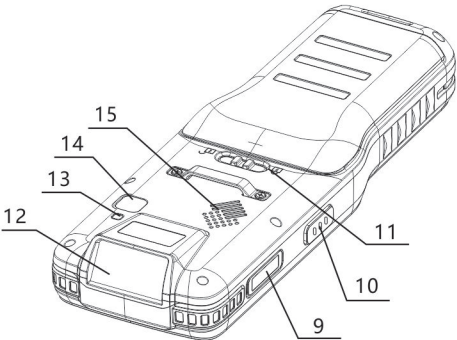
Front View of NLS-N7



1 Type-C USB Port	2 Left Scan Key
3 Home Key	4 Cradle Connector
5 LED	6 Earpiece
7 Power Key	8 Microphone

2

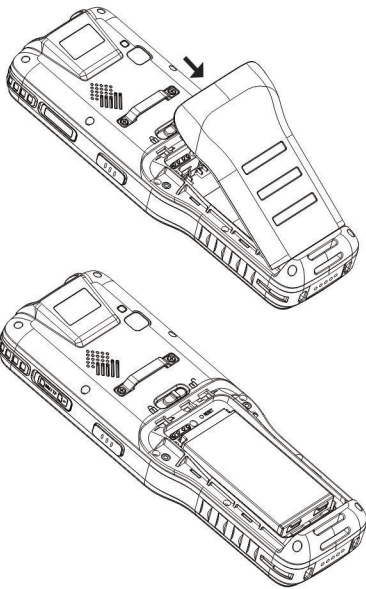
Back View of NLS-N7



9 TF Card Slot	10 Right Scan Key
11 Battery cover latch	12 Scan window
13 Flashlight	14 Rear Camera
15 Speaker	

3

Removing the Battery

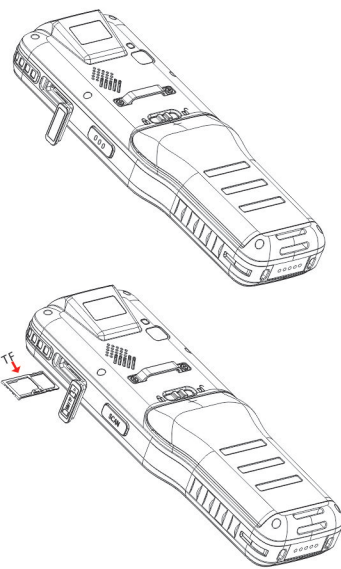


Step 1: Hold down the Power key for 2 seconds and then tap “Power off” to turn off the terminal. Slide the battery cover latch to the unlock position and remove the cover.

Step 2: Remove the battery.

7

Installing the TF Card



Step 1: Open the cover of TF card slot and pull the tray out from the slot (For the location of the TF card slot, see item 9 in the Back View.)

Step 2: Place the TF card into the tray then gently push the tray all the way into the slot until it locks in place. Finally close the cover.

8



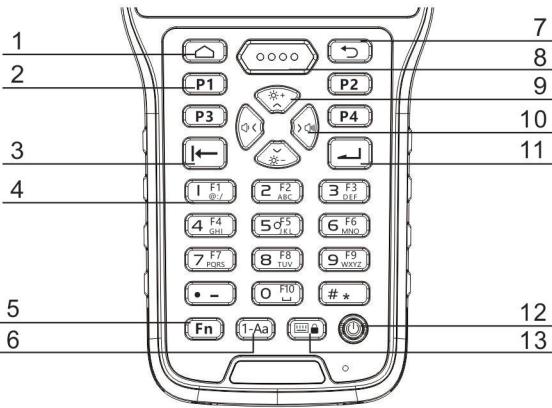
For more information about the NLS-N7, please visit the Newland website at

<http://www.nlscan.com>



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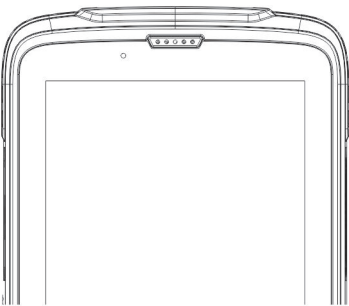
Keypad



1 Home Key	6 Input Method Switch Key	11 Enter Key
2 User-defined Key	7 Return	12 Power Key
3 Delete Key	8 Scan Key	13 Virtual Keyboard/Screen Lock Key
4 Numeric Keys	9 Up/Down Key (Adjust Brightness)	
5 Function Switch Key	10 Left/Right Key (Adjust Volume)	

4

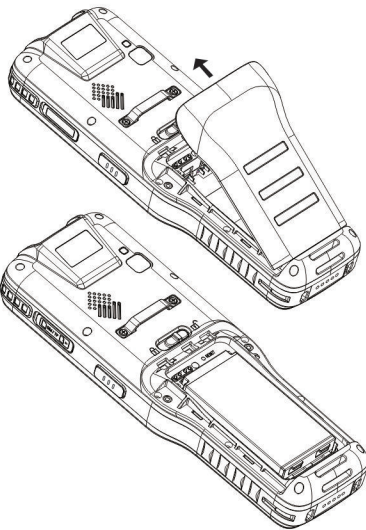
LED Indicators



Scan/Decode	
Blue LED flashes once	Scan successfully
Charging/Battery Statuses	
Green LED on	Fully charged
Red LED on	Charging in progress
Red LED flashes constantly	Low-battery alert

5

Installing the Battery



Step 1: Slide the battery cover latch to the unlock position and remove the cover.

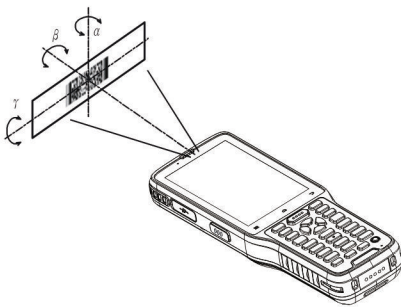
Step 2: Insert the battery into the battery compartment, with its metal contacts facing down and lining up with the metal contacts on the inside of the terminal.

6

Scanning Barcode

Adjust the scan angle and the distance between the NLS-N7 and the target barcode to make them fall into the following ranges:

- 1.Point the NLS-N7's focus lamp at the center of the barcode.
- 2.Move the NLS-N7 until you find the appropriate scan distance.
- 3.Optimum scan angles:
Skew (α) < 45° (0° preferably)
Pitch (γ) < 45° (5°- 20°preferably)
Roll (β) = 0°- 360°



9

Battery Safety Guidelines

- 1.Do not dispose of batteries in a fire as they may explode.
- 2.The battery can be charged and discharged over 500 times. If the battery life is unreasonably short, please replace the battery with a new one.
- 3.Use only the included battery and AC adapter.
- 4.Do not continue to charge a battery that is fully charged. Overcharging will shorten battery lifespan. If a fully charged battery is not used, it will discharge slowly, which does not affect its normal use.
- 5.Do not use damaged or faulty AC adapter or batteries.
- 6.Properly dispose of and recycle batteries. Do not dispose of them as household garbage.

10



NLS-N7
Portable Data Collector
Quick Start

V1.

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

Specific Absorption Rate (SAR) information:

This Smart phone meets the government's requirements for exposure to radio waves. 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 or health. FCC RF Exposure Information and Statement the SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: Smart phone has also been tested against this SAR limit. This device was tested for typical body-worn operations with the back of the phone kept 10mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain an 10mm separation distance between the user's body and the back of the phone. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Caution:

The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.