



## **Model:RS-8000/RS-9000**

Bluetooth Ring Scanner



### **Package Included:**

1 x Scanner; 1 x Dock;  
1 x USB cable; 2 x Batteries;  
1 x Quick Manual;

V20.12.31

## 1. Product Information

- ① Scanning Window
- ② Scanner LED
- ③ Battery Door
- ④ Buzzer
- ⑤ Trigger Button
- ⑥ Adjustable Ring Belt



- ① Battery Charging Dock
- ② DC Port
- ③ Type C Port
- ④ Bluetooth LED
- ⑤ Transmission LED
- ⑥ Battery charging LED
- ⑦ Scanner Power charging LED

## 2. Charge The Battery



2.1. Press and push up the battery door



2.2. Insert battery and secure battery door



### 3.Scanner's Bluetooth Connection Status

- 1) Solid Blue- Bluetooth Connected
- 2) Flashing Blue- Bluetooth Disconnected/Bluetooth Pairing

Bluetooth LED



### Battery Dock LED Status:



1 2 3 4

#### ① Scanner LED

- 1) Solid Red- Full Charged
- 2) Flashing Red- Charging

#### ② Battery LED

- 1) Solid Red- Full Charged
- 2) Flashing Red - Charging

#### ③ Transmission LED

- 1) Solid Green- No Transmit
- 2) Flashing Green- Transferring data

#### ④ Bluetooth connection status

- 1) Solid Blue- Scanner has connected with the dock
- 2) Flashing Blue- Scanner has disconnected with the dock

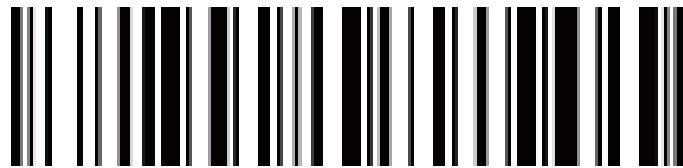
## 4. Setup Guide

### Get Started

- 1) Pair Netum bluetooth (refer to the section of “Bluetooth pairing”)
- 2) Setup keyboard language: US keyboard is set by default. If you use other type of keyboard please refer to the section of “keyboard language”.
- 3) Locate cursor on place where you want the data to be displayed after that you can start to scan.

### Firmware Version

Read below command barcode to check scanner firmware version.



Firmware Version

### Barcode Programming

Netum barcode scanners are factory programmed for the most common terminal and communications settings. If you need to change these settings, programming is accomplished by scanning the bar codes in this guide. An asterisk (\*) next to an option indicates the default setting.

### Bluetooth Pairing

How to pair scanner's bluetooth with the dock ?

- 1) Connect the dock with your computer via USB cable.



2) Scan QR code from the dock, Bluetooth paired once blue LED on the dock turns to solid blue.

3) If you want to disconnect it with the dock and connect it with your device, scan "Bluetooth HID" then pair Netum Bluetooth.



Bluetooth HID (Default)

### **Important Note:**

Default Idle Time: Scanner will power off automatically if device is not connected in 3mins . If you want BLE and SPP mode, please contact us.

### **Keyboard Language**

For example If you use French Keyboard, scan command barcode of “French keyboard ”. If you use a US keyboard you can ignore this step.



\* America EN keyboard



French keyboard



Germany keyboard



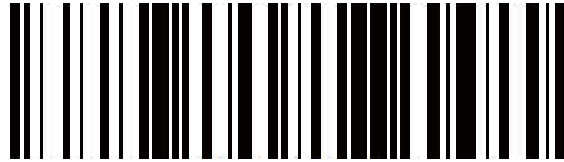
Italy keyboard



Portugal keyboard



Spain keyboard



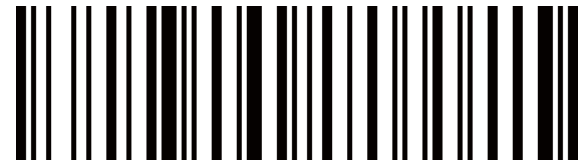
UK keyboard



Czech keyboard



Hungary keyboard



Belgium FR keyboard

## Data Uploading Mode

If you are heading for a working area which lies outside the bluetooth signal range, you may activate scanner's store mode, following steps described below. Under this mode, all scanned data will be stored directly into the buffer memory of the device. Furthermore, the data entries will be permanently saved in the buffer memory prior to the manual upload into the working station, so that you may upload them when you are near your working device.

By scanning the following barcode, the device leaves the offline mode, normal mode will be reinitialised.



\*Quit Offline Mode

## Offline Mode

By scanning the following barcode, the offline mode will be activated.



Offline Mode

## Output Stored Data

By scanning the following barcode, all data entries in the buffer memory can be manually uploaded after reconnecting to the working station.



Output Stored Data

## Output Total Entry

By scanning the following barcode, the gross quantity of the uploaded data entries will be summarised .



Output Total Entry

## Clear Memory

By scanning the following barcode, all data in the buffer memory will be deleted.



Clear Memory



## Get Battery Volume

Scan below command barcode to get battery rough volume.



Battery Rough Volume

- 1) Voltage < 3.5V, Low battery Volume, there will have 5 beeps after each scan. Scanner can not be able to read any barcodes.
- 2) 3.7V< Voltage < 3.5V, Low battery Volume, there will have 2 beeps after each scan. Scanner still be able to read barcodes.
- 3) Voltage >4.2V , Full Volume

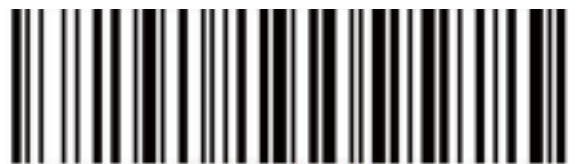
## Idle time

Scanner will turn to sleep after idle/inactive for 1min

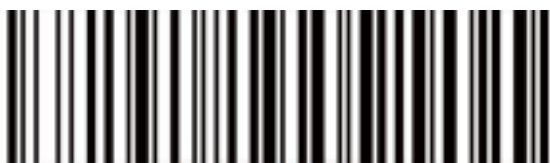
Scan "Disable module Idle time" before you doing any other setup from this section.



Power Off



Disable Sleep Mode



\* 3mins

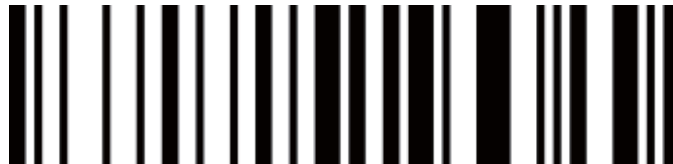


1Hour

## IOS Keyboard POP UP/HIDE

During the scanning IOS keyboard can be hided or popped up by scanning below command barcode.

1) Scan this barcode at Bluetooth HID connected state on IOS device, popup IOS keyboard.



IOS Keyboard POP UP/HIDE

2) Popup IOS keyboard by hold trigger 4 seconds.



Enable/Disable

3) Popup IOS keyboard by double click trigger.



Enable/Disable

Note: Two short beeps after scan indicates disable, one long sound with three tones indicates enable.

## Beeper

Enable/Disable scanner to beep to indicate successful scan.



Beep Off



\*High Volume



Middle Volume



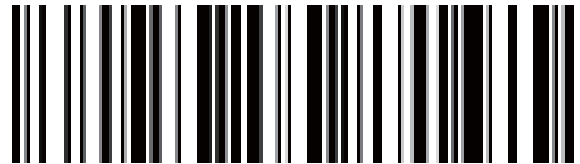
Low Volume

## Vibration

Scan the appropriate barcode below to enable or disable the vibration.



Disable the Vibration



\*Enable the Vibration

## Factory Restore

Scan below command barcode will reset the scanner.



Factory Restore

## Beep Tone Indication

Beep Type	Beep/Tone	Indication
Prompt Tone	1 Beep in 2 Tones	Scan Code under Store Mode/ Power Off
	1 Beep in 3 Tones	Power On/ Successful Configuration/ Finish Uploading
	1 Short Beep	Successful Scan
	Two Beeps in Same Tone	Low Battery Volume Warning
Warning Tone	Three Beeps in Same Tone	Error on saving barcodes under Store Mode Transmission failed
	Five Beeps in Same Tone	Fail to power on due to low battery volume

## FAQ

Problem: Some Barcodes Cannot be read.

Solution:

1. Dirty or unclear barcodes might not be read.
2. The possible reason is that setting for some barcodes types are not commonly used is off by default. You need to activate a specific barcode type to get it to work. Please contact us for help.

Question: Is there any barcodes for applying or removing suffix?

Yes. Please turn to customer service for help.

Question: How to solve the messy code problem encountered while using other foreign languages?

Solution:

Default language is English. If you use other types of keyboard please refer to “Keyboard language”, see page 5.

Problem: Barcodes can be read but can not be displayed

Solution:

- a. Please verify if your scanner is on a store mode.
- b. Contact us to get command barcode for configuring the baud rate.

Question: 2D scanner can not output Datamatrix GS1 group separator?

Solution:

Please contact the service team for help, they will send you command barcode to enable the scanner output group separator.

## **Support**

For any inquiries concerning our products, please send an email to [service@netum.net](mailto:service@netum.net), and we will respond to you as soon as possible.

## **Contact Information**

Whatsapp: +86 188 2626 1132

Tel.: +0086 20-6626-0708

Email: [service@netum.net](mailto:service@netum.net)

Website: [www.netum.net](http://www.netum.net)

Addr.: Unit 137, The Pacific Industry Park, Xintang Town, Zengcheng District, Guangzhou, China/511340

Made in China

Name: APEX CE SPECIALISTS LIMITED

Add: UNIT 3D NORTH POINT HOUSE, NORTH POINT BUSINESS PARK,  
NEW MALLOW ROAD, CORK, T23 AT29, IRELAND

Contact: Wells

Tel: +353 21 2066339

E-Mail: [Info@apex-ce.com](mailto:Info@apex-ce.com)

## RF exposure statement

This equipment complies with the 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.

## FCC Warning

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.

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:

- 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.