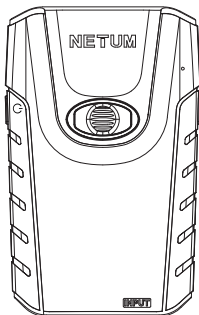


# NT033

# NETUM<sup>®</sup>



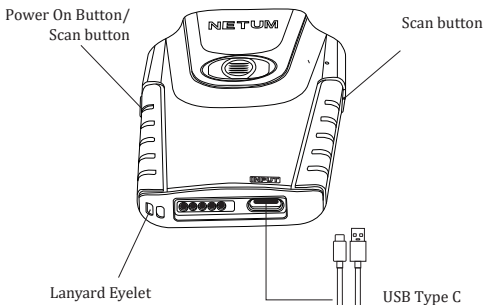
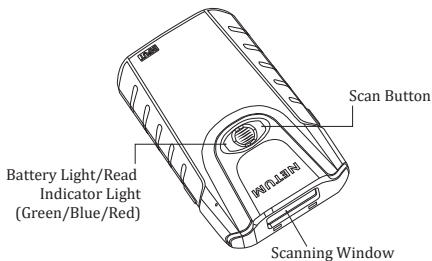
## Package Included:

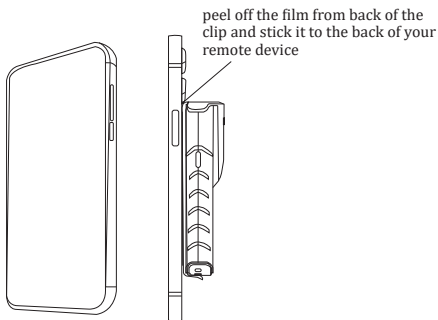
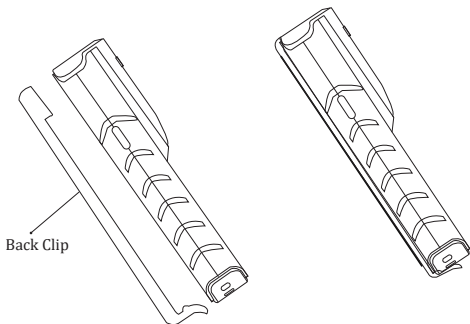
- 1 x Scanner;
- 1 x USB Cable;
- 1 x USB Dongle;
- 1 x Retractable Clip;
- 1 x Clip; 1 x Quick Setup Guide;

For a complete user guide:

<https://www.netum.net/pages/barcode-scanner-user-manuals>

# Product Description





## Charge the scanner

Connect Scanner with your host through USB cable (provided by Netum) or take a DC plug and charge it on an electrical wall outlet.

- Red Light - Charging
- Green Light - Fully charged
- Important Notes: DC Plug: V: 5V; A>500mA

## Warning Tone :

Low battery warning - 2 beeps, LED in red flashing twice

Running out of battery - 5 beeps, LED in red flashing 5 times

Scanning will not read any barcodes when it's running out of battery.

## Get Battery Volume

By scanning below command barcode will get rough battery volume.



%BAT\_VOL#

## Firmware Version

Firmware version will be displayed by scanning "\$SW#VER".



\$SW#VER

## Factory Defaults

Scanning the following barcode will restore the scanner to the factory.

Scanner will power off after you scanning Factory Restore.



%#IFSNO\$B  
Factory Restore

## Barcode Programming

Netum barcode scanners are factory programmed for the most common terminal and communication 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.

### **⚠ Important Notes :**

Many command barcodes only work in a particular transmission mode. Please pay attention to below symbol when you scanning the command barcodes.

- 📶 Command barcodes only apply to transmit characters through Bluetooth .
- 🔌 Command barcodes only apply to transmit characters through USB Dongle .
- 🔌 Command barcodes only apply to transmit characters through USB cable .

## Connect scanner to a host device

Characters can be transferred from scanner to your device through USB cable, USB Dongle or Bluetooth, choose one of the connection ways to get started:

### **🔌 USB Wired Connection**

- 1) Connect scanner with your computer via type-C cable.
- 2) Setup keyboard language. For example if you use French keyboard, just scan “French keyboard” from keyboard language section in page 9.
- 3) Locate cursor on the place where you want scanner to output the characters then you can start to scan.

## **USB Wireless Connection**

- 1) Plug USB dongle into your computer.
- 2) Setup keyboard language. For example if you use French keyboard, just scan “French keyboard” from keyboard language setcion in page 9.
- 3) Locate cursor on the place where you want scanner to output the characters  
then you can start to scan.



%#IFSN0\$1  
\*Wireless Transmit

## **Bluetooth Connection**

- 1) By scanning “Bluetooth Transmit”, scanner powers off immediately. Press power on button. Blue LED will start to flash.
- 2) Turn host device’s Bluetooth on and find “E barcode scanner” from your bluetooth list, tap it and pair.
- 3) Locate cursor on the place where you want scanner to output characters  
then you can start to scan.

### **Important Notes:**

- Make sure the device is in range with Bluetooth turned on.
- If a connection is made, the blue light will stop blinking and turn solid.
- If a connection is not made after several attempts, the scanner will emit a long beep (and the blue light will turn off).



%#IFSNO\$4  
Bluetooth Transmit

## ⌘ Basic Mode (HID) \*

- NO software installation needed
- Connects to most devices
- Scanner interacts with host device like a keyboard



AT+MODE=2

## ⌘ Applicatin Mode (Apple Specific Serial Profile)

- For iOS Devices
- If you have an iOS application that supports our Scanners this is the mode to use.



AT+MODE=3

## ⌘ Application Mode (Serial Port Profile)

- For Android or Windows
- Software installation is required.
- If you have an application that supports this is the mode recommended.



AT+MODE=1

## Important Notes:

If you want to shift from HID to SPP or BLE just scan the Corresponding command barcode. If you want to shift from SPP or BLE to HID mode, ignore (or delete) "E Barcode Scanner" → turn off bluetooth → scan Basic Mode (HID) → Open the bluetooth → re-pair it.

## **Transmission Speed Via Bluetooth Connection**

By scanning the appropriate barcode will change bluetooth transmit speed.



AT+HIDDL=4  
High Speed



AT+HIDDL=10  
\*Medium Speed



AT+HIDDL=25  
Low Speed

## **POP OUT IOS Keyboard**

IOS Keyboard will be disabled when pairing scanner to IOS device.

By pressing scanning button in the middle for 4 seconds then release it, will pop out the IOS keyboard.



%%0H3  
Enable/\*Disable



## **Scan Mode:**

### **Continue Scan Mode**

This mode enables the scanner to scan/capture, decode and transmit over and over again. By clicking scan button in the middle will turn off/on the continuous scan Mode.



continuous Scan Mode

### **Trigger Mode**

Scanning this bar code will enable the scanner to enter manual trigger mode.



\*Trigger Mode(Default)

## Keyboard Language

For example If you use French Keyboard, scan command barcode of “French keyboard”. US keyboard was setup by default.



\$LAN#EN  
\*America EN keyboard



\$LAN#FR  
French keyboard



\$LAN#GE  
Germany keyboard



\$LAN#IT  
Italy keyboard



\$LAN#PT  
Portugal keyboard



\$LAN#ES  
Spain keyboard



\$LAN#UK  
UK keyboard



\$LAN#HU  
Hungary keyboard



\$LAN#TK  
Turkey Q keyboard



\$LAN#TF  
Turkey F keyboard

## **Working Mode**

If you are heading for a working area which lies outside the Bluetooth signal range, you may activate scanner's store mode, following step described below. Under this mode, all scanned data will be stored directly into buffer memory of the device. Furthermore, 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.



\*Normal Mode



Store Mode



Output Stored Data



Output Total Entry



Clear Memory

## Idle Time

Time period set for scanner from idle to sleep.



\$RF#ST00  
0 Min-No Sleeping



\$RF#ST20  
10Mins



\$RF#ST60  
30Mins

## Convert Case



\* Disable Convert Case



Up Low Case Swap (A<->a)



All Upper Case (a->A)



All Lower Case (A->a)

## Beep Volume

By scanning the appropriate barcode below will change the beep volume.



\$BUZZ#1  
\*High Volume



\$BUZZ#  
Low Volume



\$BUZZ#0  
Mute

## Function Key Mapping

When Function Key Mapping is enabled, function characters are sent over the keypad.



\$KEY#M0  
\*Disable Function Key Mapping



\$KEY#M1  
Enable Function Key Mapping

## LED Activity/Prompt Tone /Indication under different Connections

### Wireless Connecton:

LED Activity	Beep Pattern	Indication	Working Mode
Blue LED On and Off	Beep Once	Wake up from sleep Mode	
Blue LED On and Off	Beep Once	Successful Scan	Normal Mode
Blue LED Flash three times	3 Beeps	Data transmit failed	
Blue LED ON and then OFF, Green LED Flashing	Beep Once	Successful Scan	Store Mode

### Bluetooth Connection:

LED Activity	Beep Pattern	Indication	Working Mode
Blue LED Off→On	Beep Once	Wake up from sleep Mode	
Blue LED On→Off→On	Beep Once	Successful Scan	Normal Mode
Blue LED Flash three times	3 Beeps	Data transmit failed	
Blue LED On→Off→On, Green LED Flashing	Beep Once	Successful Scan	Store Mode

### Downloads

This is a general quick setup guide applying for Model E800, E830 , E740, E850 and E990 etc. Full manual for above models are available to be downloaded from our official website.  
website:[www.netum.net](http://www.netum.net)

## FAQ

1. Some barcodes cannot be read, why ?

a. Dirty or unclear barcodes might not be read.

b. The possible reason is that setting for some barcode types 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 or you may go to our official website "www.netum.net" to download the manual and then refer to the section of "Symbologies".

2. How to change terminator to TAB ?

Please refer to the section of "Terminator configuration" from the full manual downloaded from our official website.

3. Are there any barcodes for applying or removing prefix & suffix ?

Yes, you may go to our official website "www.netum.net" to download the manual, refer to the section of "prefix and suffix" or turn to customer service for help.

4. How to solve the messy code problem encountered while using other foreign languages?

The default language is English. Please refer to "Keyboard Language" section to setup the language accordingly.

5. Why scanner can not read Italy Pharmacy code?

Download the full manual from our official website according to the scanner's model number, refer to the section of Code32 then scan "Enable Code32" to enable the scanner to read Italy pharmacy code.

6. Why scanner can not read add-on 2 or 5 codes?

Download the manual from our official website according to the scanner's model number, refer to the section of ADD-On code and scan the appropriate command barcode to enable the scanner read it.

7. Why scanner can not read datamatrix GS1 in a correct format ?

Scan "Enable Function Key Mapping" from this manual will enable scanner to output group separator.

8. How to turn off the scanner ?

Press scan button in the middle for 10 secs will turn off the scanner.

9. Why dose the scanner turn off if I haven't used it for more than 3mins ?

Scanner will enter sleep mode if you haven't used it in 3mins.

(Default idle time- 3 mins)

Please do not hesitate to contact us if you need any other configurations.

### **Contact Information**

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