NETUM NT-1202W 2D Bluetooth Wireless Barcode Scanner User Manual

Contents

NETUM®

NETUM NT-1202W 2D Bluetooth Wireless Barcode Scanner

Specifications:

- **Connection:** RF 2.4G, Bluetooth, USB Wired
- **Scanner Type:** CCD 2D

Product Usage Instructions

- **Connection Way:**
  The scanner can transmit data to your device via Bluetooth or 2.4G Wireless. Follow the steps below to start scanning:
  - **For 2.4G Wireless:**
    1. Plug the USB dongle into your device.
    2. Power on the scanner.
    3. Set up keyboard language (default is US keyboard).
    4. If you want to change from Bluetooth to Wireless transmit, scan the “Wireless transmit” barcode and follow the setup steps.
  - **For Bluetooth:**
    1. Power on the scanner.
    2. Scan “Bluetooth Transmit”.
    3. Remove pairing information from both devices when changing the data transmit mode.
- **Keyboard Language:**
  To set the keyboard language, scan the appropriate command barcode based on your preferred language (eg, English, French, German, etc.).
- **Working Mode:**

If you are out of Bluetooth range, activate the scanner's store mode. Scanned data will be stored in the device's buffer memory for later upload.

FAQ:

- **How do I restore the scanner to factory defaults?**
  You can restore the engine to factory defaults by scanning the barcode provided in the manual.
- **Do I need a driver for the USB COM Port Emulation feature?**
  Yes, a driver is required for the USB COM Port Emulation feature to work.

Package Included

- 1PC * Scanner;
- 1PC * USB Dongle;
- 1PC * USB Cable;
- 1PC * Quick Setup Guide;

Note: This is a general manual. If you need more configurations please download it from our official website: **https://www.netum.net/**.

Firmware Version

The firmware version will be displayed by scanning "$SW#VER".

Factory Defaults
Scanning the following barcode can restore the engine to the factory defaults

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.

Important Notes:

- Some command barcodes only work in a particular connection mode.
- Pay attention to the below symbols when you scan command barcodes.
  - Command barcodes only apply to scanner work via Bluetooth.
  - Command barcodes only apply to scanner work via 2.4G Wireless.

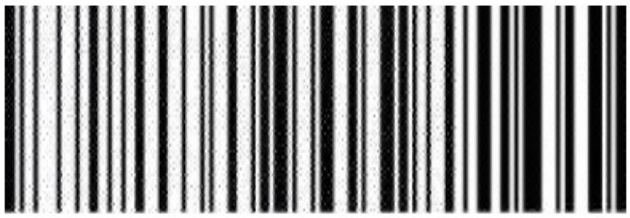
Connection Way

Scanner transmits data to your device via bluetooth or 2.4G Wireless. You can choose either way to start scanning.

How to transmit data via a 2.4G Wireless Channel?

Get Started:

1. Plug the USB dongle into your device.
2. Power On the scanner
3. Setup keyboard language: The US keyboard was set by default. If you use another type of keyboard please refer to Keyboard language.



%#IFSN0$1
*Wireless Transmit

4. If you want to change bluetooth transmit to wireless transmission, you will have to scan “Wireless transmit” and then follow steps (1) and (2) to complete the configurations.

USB HID-KBW

When the dock connects with your device via a USB cable, the USB HID-KBW feature will be enabled by default. The scanner’s transmission will be simulated as USB key-board input. It works on a Plug and Play basis and no driver is required.

$USB#KEY
*USB HID-KBW

USB COM Port Emulation

When the dock connects with your device via a USB cable, scanning “USB COM Port Emulation” will allow your device to receive data in the way a serial port does.

$USB#COM
USB COM Port Emulation

Note: A driver is required for this feature.

How to transmit data via bluetooth?

Get Started:

1. Power on the scanner.
2. Scan “Bluetooth Transmit”.

%#IFSNO$4
Bluetooth Transmit

3. Make sure the device is in range with Bluetooth turned on.
4. Pressing the scan button will initiate the attempts to connect.
5. If a connection is made, the blue light will stop blinking and turn solid.
6. If a connection is not made after several attempts, the scanner will emit a long beep (and the blue light will turn off).
7. The Bluetooth working channel is not set by default. If you want to connect via bluetooth, you will have to scan

“Bluetooth Transmit” before pairing.

Basic Mode (HID) (default)

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

AT+MODE=2

Application 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:
Remove the pairing information both from devices-host PC/phone and the scanner when you change the data transmit mode.

Bluetooth Transmit Speed

Scanning the appropriate barcode below will change the bluetooth transmit speed.

AT+HIDDLY=4
High Speed

AT+HIDDLY=10
*Medium Speed

AT+HIDDLY=25
Low Speed

Keyboard Language

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

$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 that lies outside the Bluetooth signal range, you may activate the scanner's

store mode, by following the steps described below. Under this mode, all scanned data will be stored directly in the 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

The period set for the scanner from idle to sleep. Default Idle Time: 3 mins.

$POWER#OFF
Power Off

$RF#ST00
0 Min

$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#3
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

FAQs

Some barcodes cannot be read, why?

Dirty or unclear barcodes might not be read. The possible reason is that the 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.

How to change the terminator to TAB?

Please refer to the section on Terminator configuration from the manual downloaded from our official website.

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

The default language is English. Please refer to Keyboard Language to change the language.

Why scanner can not read the Italy Pharmacy code?

Download the manual from our official website according to the scanner model number, refer to the section of Code 32 then scan Enable Code32 to enable the scanner to read the Italy pharmacy code.

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

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

Why scanner can not read datamatrix GS1 in the correct format?

Scan Enable Function Key Mapping from this manual will enable the canner to output the group separator.

Are there any barcodes for applying or removing prefixes & suffixes?
Yes, you may go to our official website **www.netum.net** to download the manual, refer to the section prefix and suffix, or turn to customer service for help.

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

Contact Information

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- **Whatsapp:** +86 136 222 33 974
- **Email:** service@netum.net
- **Website:** www.netum.net
- **Addr.:** Room 301, 6th Floor and full 3rd Floor, Building 1, No. 51 Xiangshan Avenue, Ningxi Street, Zengcheng District, Guangzhou City, Guangdong Province, China Made in China
- **EU Name:** Apex CE Specialists GmbH
- **Add:** Habichtweg 1 41468 Neuss Germany
- **UK Name:** APEX CE SPECIALISTS LIMITED
- **Add:** 89 Princess Street, Manchester, M1 4HT, UK

Made in China.

FCC STATEMENT

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.

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

Note:
This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 by 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 the receiver.
- Connect the equipment to 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.

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

Documents / Resources

	NETUM NT-1202W 2D Bluetooth Wireless Barcode Scanner [pdf] User Manual 2BMF7-NT-1202W, 2BMF7NT1202W, NT-1202W 2D Bluetooth Wireless Barcode Scanner, NT-1202W, 2D Bluetooth Wireless Barcode Scanner, Bluetooth Wireless Barcode Scanner, Wireless Barcode Scanner, Barcode Scanner, Scanner

References

- Barcode Scanners | Wireless Bluetooth 2D QR Reader | NETUM
- Barcode Scanners | Wireless Bluetooth 2D QR Reader | NETUM
- User Manual