NETUM HW-S1 Barcode Scanner User Manual

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Barcode Scanner Manual

- Bluetooth Connection
- 2.4GHz Connetion
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Package Included:

1 X Scanner; 1 X 2.4G Receiver; 1 X USB Cable; 1 X Quick Setup Guide

Quick Setup Guide.

How to Start ?

There are three kinds of connections modes:

- USB Wired
- 2.4GHz Wireless Connection
- Bluetooth Connection

Follow one of the following connection modes to get started.

- Working via USB Cable

1. Connect scanner with your device via USB cable.
2. USB HID-KWB mode is set by default, if you want to work under virtual serial port please refer to” USB COM (Virtual Serial Port)”. (Page)

3. Set Keyboard language→See page () . US keyboard was set by default.
4. Locate the cursor on the place where you want the scanner to output the codes then you can start to scan.

- Working via 2.4GHz USB Receiver (By default)

1. Scan ” RF 2.4GHz Transmission”. This mode was set by default , for first use please ignore it.
2. .Plug the USB receiver on your device.
3. Set Keyboard language→See page () . US keyboard was set by default.
4. Locate the cursor on the place where you want the scanner to output the codes then you can start to scan

- Working via Bluetooth

1. Scan “Bluetooth Transmission”.
2. Press scanner’s button to power on the scanner.
3. Pair the bluetooth. →See page()
   Bluetooth HID mode is set by default, if you want to work under SPP or BLE mode please scan related command barcode from “Bluetooth Connection Modes” accordingly. (Page)
4. Set Keyboard language→See page () . US keyboard was set by default.
5. Open a file or software and locate cursor on the place where you want the scanner to output the codes then you can start to scan.

Bluetooth Connection Modes

There are three kinds of bluetooth connections modes

1. Basic Mode (HID) (Default)*
   Human Interface Device Profile
   By scanning below barcode scanner will enter “Basic Mode”.
   For the details on how to pair bluetooth on Basic Mode see page ()

Basic Mode Features:

- NO software installation required
- Connects to most devices
- Scanner interacts with host device like a keyboard
  ②SPP Mode* Serial Port Profile- For Android or Windows OS devices By scanning below barcode scanner will enter “SPP Mode”.

SPP Mode Features:

- More efficient and reliable data communications for barcodes containing lots of data
- If you have an application that supports our scanner, this is the recommended mode
- BLE Mode* Serial Port Profile- For iOS Devices By scanning below barcode scanner will enter “BLE Mode”.

BLE Mode Features:

- More efficient and reliable data communications for barcodes containing lots of data
- If you have an iOS application that supports our scanners this is the mode you want to use

Important Note:

1. Scanner will power off automatically if device is not connected within 1min.
2. 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, first ignore (or delete) “Netum Bluetooth”→ turn off bluetooth→ scan command barcode of HID→ Open the bluetooth → repair it.

USB Wired Connection Mode

USB HID-KBW By default, the scanner is in HID mode as a Keyboard device. It works on a Plug and Play basis and no driver is required.

* USB HID-KBW

How to pair bluetooth under Basic Mode (HID) ?

Android: Connect Android Device in Basic Mode (HID)

1. Power on the scanner. The LED light will be flashing.
2. Touch Home | Menu | Settings | Wireless & Networks | Bluetooth settings
3. Make sure the device has Bluetooth “On”.
4. In the list of found devices, select “Netum Bluetooth”. Tap Pair.
5. The scanner will make one long beep after bluetooth paired and LED light will turn to solid blue (no blinking).

Apple: Connect Apple iOS Device (HID)

1. Power on the scanner. Blue LED light will start to flash.
2. Start a Bluetooth device search. IOS: Tap Settings | General| Bluetooth. Turn on. A Bluetooth device search will begin.
3. In the device list, tap on “Netum Bluetooth”. Tap Pair.
4. The scanner will make one beep once it’s connected and LED light will turn to solid blue and is ready to scan.

Windows: Connect Windows PC(HID)

1. Power on the scanner. Make sure the scanner is discoverable (unpaired).
2. Use your computer’s Bluetooth Settings to connect to the scanner.
3. Open Devices and Printers and select “Add a device”.
4. In the device list, select “Netum Bluetooth”. Click Next.
5. Follow the remaining screens to complete the wizard.

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: Many of the command barcodes only work with a scanner in a particular Bluetooth or 2.4GHz mode as indicated by the header row of each table.

Factory Restore

Factory Reset will restore the scanner to Factory Default settings (configured as shipped).

* America EN keyboard

French keyboard

Germany keyboard

Italy keyboard

Spain keyboard

Turkey Q keyboard

UK keyboard

Canadian FR keyboard

Working Mode (Apply for 2.4GHz and Bluetooth Connection)

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.

*Normal Mode

Store Mode

Output Stored Data

Output Total Entry

Clear Memory

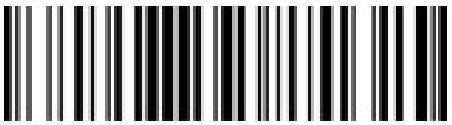
Beep Settings

Beep Off: Disable scanner from beeping to indicate successful scans.

$BUZZ#0

Beep OFF

Beep On: Enable scanner to beep to indicate successful scans.



$BUZZ#1

*Beep On

Terminator

The scanner provides a shortcut for setting the terminating character suffix to CR or CRLF and enabling it by scanning the appropriate barcode below.

CR+LF

TAB

No terminator

Idle Time

Scanner connected to a device will power off within 1 min if idle/inactive.
By scanning below command barcode will change the idle time.

POWER OFF

Disabled Idle

*1 Min

3Mins

10Mins

30Mins

Charge the battery

When scanner make 2 beeps or battery volume under 20% please plug the cable into scanner and connect the other side with your device to charge power for it.
By scanning below barcode you can get the remaining battery volume.

Get Battery Rough Volume

- Red Light = Charging
- Green Light= Fully charged

Firmware Version:

Read below command barcode to check scanner’s firmware version.

Below programming barcodes are applied for version not lower than B009NT_RFBTWCDE9220_W
Note: Please always provide scanner’s firmware version for reference when youturn to service team for help.

Prompt Tone	2 beeps	①Successful scan on command barcode; ②Power On ③USB cable connected
	1 long beep 1 short beep	①Bluetooth connected, ①successful scan on normal barcode; ②Power Off
	2 beeps	①Low battery volume
Warning Tone	3 beeps	①Data transmit failed; ②Memory is full
	Continuous beeps	①RF pairing

LED	Indication
RED	RED ON= Charging
GREEN	GREEN ON= Fully Charged
BLUE ON THEN OFF BLUE LIGHT KEEPS BLINKING SOLID BLUE,NO BLINKING	Successful scan Bluetooth Pairing/RF Pairing Bluetooth Connected

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 1: 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
- Increase the separation between the equipment and

-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.

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