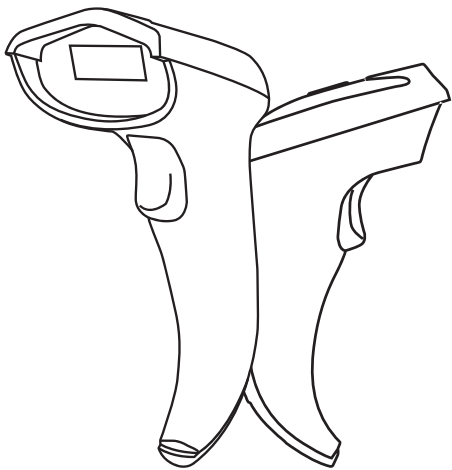# NETUM®

· Bluetooth Connection
· 2.4Ghz Wireless Connetion
. USB Wired Connection

Package Included:
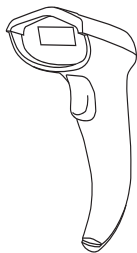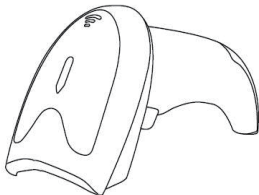1 X Scanner; 1 X USB Receiver; 1 X USB Cable; 1 X Quick Setup Guide

Quick Setup Guide.

2.4 GHz Wireless

USB2.0 Wired

Important Note: This is a general manual. It applies to model W8-X and W6-X Please pay attention to the title when you are using the command barcodes.

How to Start

There are three kinds of connection modes:

·USB Wired
·2.4GHz Wireless Connection
·Bluetooth Connection

Choose one of the following connecting ways to get started.

1.Working via USB Cable

①.Connect scanner with your device via USB cable.

②.USB HID-KWB mode was set by default.

③.Set Keyboard language→See page (5) .

④.Locate the cursor on the place where you want scanner to output the codes
then you can start to scan.

2.Working via 2.4GHz USB Receiver (By default)

①.Scan " RF 2.4GHz Transmission".
②.Plug the USB receiver on your device.
③.Set Keyboard language→See page (5) .
④.Locate cursor on the place where you want scanner to output the
   codes after that you can start to scan.

%#IFSN0$1
*RF 2.4GHz Transmit

3.Working via Bluetooth

①.Scan "Bluetooth Transmission".
②.Power on scanner by triggering the button.
③.Pair bluetooth. →See page(3)
   Bluetooth HID mode (Basic Mode) was set by default.
   If you want to work via BLE or SPP , please contact us.
④.Set Keyboard language→See page (5).
⑤.Open a file or software, locate cursor on the place where you want the
   scanner to output the codes then you can start to scan.

%#IFSNO$4
Bluetooth Transmission

Bluetooth Connection 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 (3)

AT+MOBE=2
Basic Mode

Basic Mode Features:
·NO software installation required
·Connects to most devices
·Scanner interacts with host device like a keyboard

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 (no blinking) 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.
6. The scanner will make one beep once it's connected and LED light will turn to solid blue (no blinking) and is ready to scan.

Important Note:
Scanner will power off automatically if device is not connected within 1min.

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.

%#IFSO$2
* USB HID-KBW

USB COM (Virtual Serial Port)

If you connect the scanner to the Host via a USB connection, the USB COM Port Emulation feature allows the host to receive data in the way as a serial port does. A driver might required for this feature.

%#IFSO$3
USB COM (Virtual Serial Port)

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 page.

Keyboard Language

For example: If you use French Keyboard, scan barcode of " French Keyboard". Locate the cursor on the place where you want to output the data then you can start to scan. American Keyboard is set by default, if you use a US keyboard you can just ignore it.

$LAN#EN
*America EN keyboard

$LAN#FR
French keyboard

$LAN#GE
Germany keyboard

$LAN#IT
Italy keyboard

$LAN#ES
Spain keyboard

$LAN#TK
Turkey Q keyboard

$LAN#UK
UK keyboard

$LAN#FC
Canadian FR keyboard

Working Mode (Apply for 2.4GHz and Bluetooth Connection)

Normal Mode: Data will be uploaded after each scan at real time.

*Normal Mode

Store Mode: All scanned data will be stored directly into the memory of the device.

Store Mode

Output Stored Data: All data entries in the buffer memory will be manually uploaded after reconnecting to the working station.

Output Stored Data

Output Total Entry: Gross quantity of the uploaded data entries will be summarised.

Output Total Entry

Clear Memory: All data in the buffer memory will be deleted.

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.

3030051
*CR+LF

3030053
TAB

3030052
CR

30300530
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 default idle time.

$POWER#OFF
Power Off

$RF#ST00
Disabled Idle

$RF#ST02
*1 Mins

$RF#ST06
3Mins

$RF#ST20
10Mins

$RF#ST60
30Mins

Charge the battery

When scanner makes 2 beeps or battery volume under 20% please plug USB 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.

%BAT_VOL#
Get Battery Rough Volume

Firmware Version:

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

$SW#VER

Note: Please always provide scanner's firmware version for reference when you turn to service team for help.

FAQ

Problem: Some barcodes cannot be read.

Solution:

a. Dirty or unclear barcodes might not be read.

b. The possible reason is that setting for some barcode 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 or prefix ?
And does the scanner support auto sense mode ?
Yes, please turn to customer service for help.

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

Solution:

The default language is English. If you use other types of keyboard please refer to "Keyboard language", See page 6.

Problem: Barcodes can be read, but cannot 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.

Problem: Bluetooth can not be paired.
Solution: Scan "AT+MOBE=2"and re-paired it again

Problem: Got a W8-X 2D scanner but it can not read datamatrix GS1.
Solution: Please contact us to get the command barcode to enable the scanner output Datamatrix GS1.

Problem: Got W6-X 1D scanner but it can not read EAN/UPC with 2 or 5 supplements.
Solution: Please contact us to get the command barcode to enable scanner to decode the supplements.

Problem:When the scanner works on Mac computers via USB cable why they scrambled the digits.
Solution: Get command barcode of" MAC-KEY MULL OFF" from the service team to solve this problem.

Support
For any inquiries concerning our products, please send an email to service@gzxlscan.com.

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