NT-W3

Quick Setup Guide

This is a plug and play model if you use a US keyboard. If you use other type of keyboard, plug the USB cable on your device, setup keyboard language before you use it. (refer to below Keyboard Language Type) after that the scanner can start to work.

If you want to do other configurations please refer to below programming barcodes.

Barcode Programming
Netum barcode scanners are factory programmed for 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.

Firmware Version
Read below command barcode to check scanner firmware version.

If you have any questions about the scanner, please scan above barcode

Keyboard Language
In order to let scanner upload the codes in a correct way, you have to set the keyboard language.

For example
If you use French Keyboard, scan below barcode of “French keyboard” then scanner will upload barcodes according to France keyboard layout. American Keyboard is set by default, if you use a US keyboard you can skip this step.

American Keyboard

Portugal Keyboard

French Keyboard

Spanish Keyboard

Germany Keyboard

Turkey Q Keyboard

Italy Keyboard
Scanning Mode

· Key Holding
Press the button to trigger the reading, release the button to end the reading. Reading success or reading time over a single reading time will end the reading.

![Barcode Image]

013300
By trigger

· Continuous Mode
Under continuous mode scanner performs continuous work. Reading success or reading time over a single reading time will end the reading. More than the specified time will automatically trigger the next reading.

![Barcode Image]

013304
Continuous Scanning

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

![Barcode Images]

Add CR
Add LF
Add CR+LF
None
Reader Beep Tone

014201  Beep Tone ON
014200  Beep Tone OFF

Default Configuration

If you want to cancel all the configuration that you have done to the scanner. Scan below barcodes to the restore factory.

000B0  Factory Default

Common Function Barcodes

EAN-8

00371  Enable EAN-8*
00370  Disable EAN-8
Transmit Check Digit

EAN-8 is 8 digits in length with the last one as its check digit used to verify the integrity of the data. The default mode opens “transmit EAN-8 Check Digit”. Users can scan the code below to choose it.

00571
Transmit EAN-8 Check Digit

00570
Do Not Transmit EAN-8 Check Digit

Add-On Code

An EAN-8 barcode can be augmented with a two-digit or five-digit add-on code to form a new one. In the examples below, the part surrounded by blue dotted line is an EAN-8 barcode while the part circled by red dotted line is add-on code. The default mode opens “Disable Add-on Code”. Users can take “Add-On Code Setting” for reference.

EAN-13

00361
Enable EAN-13*

00360
Disable EAN-13

Transmit Check Digit

EAN-13 is 13 digits in length with the last one as its check digit used to verify the integrity of the data. The default mode opens “Transmit EAN-13 Check Digit”. Users can choose to send it or not.
Add-On Code

And EAN-8/EAN-13 Barcode can be augmented with a two-digit or five-digit add-on code to form a new one. In the example below, the part surrounded by blue line is an EAN-8 barcode while the part circled by red line is add-on code. The default mode opens “Disable Add-on Code”. Users can take “Add-On Code Setting” for reference.

EAN-13 Transfer to ISBN

The International Standard Book Number (ISBN) is a unique numeric commercial book identifier. The ISBN is 13 digits long. When you scan “EAN-13 Transfer to ISBN” programming code, the output code will be 10 digits long ISBN code. The default closes this mode.
**EAN-13 Transfer to ISSN**

An International Standard Serial Number (ISSN) is used to uniquely identify a serial publication. When you scan “EAN-13 Transfer to ISSN” programming code, the output code will be 10 digits long ISSN code. The default closes this mode.

Enable EAN-13 Transfer to ISSN

Disable EAN-13 Transfer to ISSN

**Codabar**

Enable Codabar

Disable Codabar

**Code 11**

Enable Code 11*

Disable Code 11

**Code 39**

Enable Code 39*

Disable Code 39
Full ASCII

Enable Full ASCII*

Code 93

Enable Code 93*

Code 128

Enable Code 128*

GS1 DataBar Limited (RSS Limited)

Enable RSS Limited

GS1 DataBar Ominidirectional (RSS Ominidirectional)

Enable RSS Ominidirectional
UPC-A

00341
Enable UPC-A *

00340
Disable UPC-A

Transmit Check Digit

UPC-A is 12 digits in length with the last one as its check digit used to verify the integrity of the data. The default mode opens “Transmit UPC-A Check Digit”. Users can choose to send it or not.

00421
Transmit UPC-A Check Digit*

00420
Transmit UPC-A Check Digit

Add –On Code

A UPC-A barcode can be augmented with a two-digit or five-digit add-on code to form a new one. In the examples below, the part surrounded by blue line is a UPC-A barcode while the part circled by red line is add-on code. Users can take “Add-On Code” Setting for reference.
**UPC-A Transfer to EAN-13**

- 00391: Enable UPC-A Transfer to EAN-13
- 00390: Disable UPC-A Transfer to EAN-13

**UPC-E**

- 00351: Enable UPC-E
- 00350: Disable UPC-E

**Add-On Code Setting**

In the example below, the part surrounded by blue line is a UPC-A barcode while the part circled by red line is add-on code. Users can take “Add-On Code Setting” for reference.

**Interleaved 2 of 5**

- 00961: Enable Interleaved 2 of 5*
- 00960: Disable Interleaved 2 of 5
Industrial 2 of 5

01061
Enable Industrial 2 of 5*

01060
Disable Industrial 2 of 5

Standard 2 of 5

01871
Enable Standard 2 of 5

01870
Disable Standard 2 of 5

Matrix 2 of 5

01461
Enable Matrix 2 of 5*

01460
Disable Matrix 2 of 5

MSI

01151
Enable MSI

01150
Disable MSI*
Plessey

01161
Enable Plessey

01160
Disable Plessey*

Add-On Code Setting
Users can scan the code below to open or close the setting of UPC/EAN/JAN.

00551
Enable 2-Digit Add-On Code

00552
Enable 5-Digit Add-On Code

00553
Enable 2&5 Digit Add-On Code

00550
Disable Digit Add-On Code*
**Code ID Setting**

Users usually need to know barcode type in the process of scanning, you can use Code ID prefix to recognize the barcode type. Please read “Appendix A” for the reference of the Code ID corresponding barcode type. No Code ID default setting.

- 01400
  Enable Code ID*

- 01401
  Enable Code ID (prefix)

- 01402
  Enable Code ID (suffix)
Custom Prefix

![Barcode Image]

02240

Custom Prefix

![Barcode Image]

02220

Clear all prefix

Custom Suffix

![Barcode Image]

02241

Custom Suffix

![Barcode Image]

02220

Clear all suffix

![Barcode Image]

02242

Exit Custom Prefix and Suffix

**Custom Prefix**

**Step 1:** Scan code of 02240 (add prefix)

*Note:* This step will clear all previous setting. Maximum you can add 32 character.

![Barcode Image]

02240

**Step 2:** Scan relevant barcode of the prefix that you want to add from Appendix B

*For example:* If you want to add “MG” as the prefix

*Step 1:* Scan “02240”
Step 2: Scan “M”, then scan “G”

1077 1071
M G

7. Clear all prefix

Scan clear all prefix (02220), then all previous prefix configuration will be cleared.

02220

8. Add Suffix

Step 1: Scan code of 02241 (add suffix)

02241

Note: This step will clear all previous setting. Maximum you can add 32 characters.

Step 2: Scan relevant barcode of the suffix that you want to add from Appendix B You will get the suffix through above two steps after you scan barcodes.

8. Clear all suffix

Scan clear all suffix (02220), then all previous prefix configuration will be cleared.

02200
## Appendix A

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