

***Omnidirectional
Barcode Scanner
User Manual***

V2.4

Enter/Exit Programming Mode



(This barcode is also found at back of cover page)

★=Default Value

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Introduction

This user manual is designed for omnidirectional Laser barcode scanner. For detailed usage manual information, please download the complete user manual from our website or obtain it from our distributor.

Copyright

All right reserved by our company, reprint, copy or sales of this manual are forbidden without our company permission.

Responsibility Clause

We are not responsibility for errors, omissions and variation without notice.

Change the Scanner Setting

In order to change the scanner setting, please follow the steps below:

1. Scan the Enter/Exit Programming Mode barcode. There will be 2 beeps (low-high) indicating ready to make settings.
2. Scan barcodes for the desired feature (1 beep)
3. Scan the Enter/Exit Programming Mode barcode again to save the configuration. There will be 2 beeps (long---short) indicating a successful setting.

After reading a valid barcode in programming mode, the scanner will give a high beep.

System Setting

Reset

Reading of “Reset” barcode turns all parameters back to default values, and the scanner remains in the last interface set when it is reset.

Reset (Return to factory default)



Abort

Reading of the “Abort” barcode discards all the parameters read prior to scan the “Enter/Exit of Programming Mode”.

Abort (Exit programming without saving)



Return to PC/AT & USB Default

This barcode allows setting in keyboard wedge interface for IBM PC AT/PS/2 and compatibles.

★Return to PC/AT & USB default



Return to RS-232 Default

The RS-232C interface scanner is often used when connecting to the serial port of a PC or terminal. Read the barcode to set the scanner into RS-232 interface.

Return to RS-232 default



Save as Customer Default

Reading of this barcode to save the desired parameters set into customer's own default setting.

Save as customer default



Return to Customer Default

Reading of the barcode sets the device back to customer saved parameter settings.

Return as customer default



Sleep Timeouts Selection

In this section, user can set both laser and/or motor to enter into sleep mode. The timeout programming barcodes will allow users to set the different time frame before entering into laser and/or motor sleep mode. The feature reduces power consumption and prolongs scanner life time.

Motor Sleep Timeouts Selection

Motor sleep mode off



Motor sleep time 10 min



★ Motor sleep time 30 min



Laser Sleep Timeouts Selection

Laser sleep mode off



★Laser sleep time 10 min



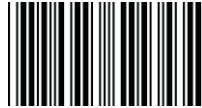
Laser sleep time 30 min



Same Code Delay Time

This parameter sets the minimum time allowed between decodes of the same barcode.

Same code delay time 50 msec.



Same code delay time 200 msec.



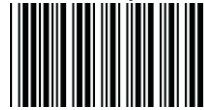
★Same code delay time 300 msec.



Same code delay time 500 msec.



Same code delay time infinite



Beeper Sound Selection

★Power-up tone enable



Power-up tone disable



Beeper Tone

High beeper tone



★Medium beeper tone



Low beeper tone



Speaker disable



Beeper Sound Duration

Beeper sound duration (50msec)



★Beeper sound duration (100msec)



Beeper sound duration (200msec)



Beeper Volume

★ Loud beeper volume



Medium beeper volume



Low beeper volume



RS-232 Interface Communication

Baud Rate

Baud Rate 38400



Baud Rate 19200



★Baud Rate 9600



Baud Rate 4800



Baud Rate 2400



Baud Rate 1200



Baud Rate 57600



Baud Rate 115200



Message Terminator for RS-232C

RS-232 Message Terminator---None



★RS-232 Message Terminator---CR/LF



RS-232 Message Terminator---CR



RS-232 Message Terminator---H tab



RS-232 Message Terminator---STX/ETX



RS-232 Message Terminator---EOT



USB HID & Keyboard Wedge Interface Configuration

Message Terminator for USB HID & Keyboard Wedge

USB HID & Keyboard Message Terminator---None



★USB HID & Keyboard Message Terminator---Enter



USB HID & Keyboard Message Terminator---H-TAB



Keyboard Language Selection

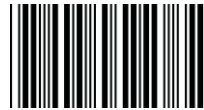
Enable International Keyboard Type
(Alt method)



★Keyboard Language Support---USA



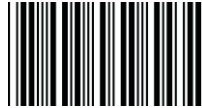
Keyboard Language Support---Germany



Keyboard Language Support---UK



Keyboard Language Support---French



Keyboard Language Support---Spanish



Keyboard Language Support---Italy



Keyboard Language Support---Swiss



Keyboard Language Support---Swedish



Keyboard Language Support---Japanese



Keyboard Language Support---Belgium



Keyboard Language Support---Turkish



Capital Lock

Shift



★ Capital Lock Off



Function Key Emulation

Function Key Emulation Enable



★Function Key Emulation Disable



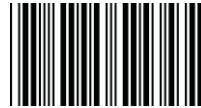
Data Edit

Prefix and Suffix

The prefix and suffix section allows you to append a prefix and/or a suffix to every message transmitted via the serial, USB or the keyboard port . There is no restriction in selecting prefix or suffix characters as far as the sum of the lengths of prefix or suffix is not greater than 10 digits.

1. Select either prefix or suffix you are going to use by scanning the corresponding barcode.
2. Scan the character(s) you want from the ASCII table (Pls. get the ASCII table from the complete user manual) to set as header or trailer. (Be sure to enable full ASCII code 39 option before you start.)
3. Read the "Save setting to confirm" barcode to confirm your choice into memory.

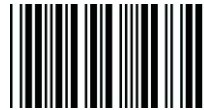
Prefix



Suffix



Save Setting to Confirm



Truncate Header/Trailer Character

Truncate Header Character



Truncate Trailer Character



Save Setting to Confirm



Add Code Length

This option allows you to add the reading barcode numeric characters as header.

Add Code Length as Header Enable
(All barcode)



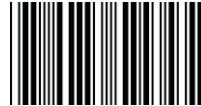
★Add Code Length as Header Disable
(All barcode)



Symbology Configuration

Reading Code Selection

Code 39 Disable



★Code 39 Enable



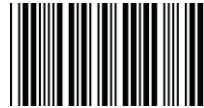
Codabar Enable



★Codabar Disable



★UPC/EAN/JAN Enable



UPC/EAN/JAN Disable



ITF 2 of 5 Enable



★ITF 2 of 5 Disable



China Postal Code Enable



★China Postal Code Disable



★Code 128 Enable



Code 128 Disable



Code 93 Enable



★Code 93 Disable



EAN-128 Enable



★EAN-128 Disable



EAN convert to ISSN/ISBN



★EAN convert to ISSN/ISBN Disable



Code 32 Enable



★Code 32 Disable



MSI Enable



★MSI Disable



Enter/Exit Programming Mode



(This barcode is also found at front of cover page)