



Innovation By Design

LAZERLOGIC LL2424 Programme Manual

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Enter/Exit Programming Mode



(☆ represents the default value)

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Introduction

This is an advanced programming guide for omnidirectional laser barcode scanner. If you want to read the detailed user's manual, please visit the official website to download or contact your dealer for detail.

Setup steps

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

1. Scan the “Enter/Exit Programming Mode” label.
2. Scan the label that you need to set.
3. Scan the “Enter/Exit Programming Mode” label again to save the configuration.

System setting

☆Reset (Return to factory default)



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

Abort (Exit Programming Mode)



After the replacement of different types of data lines, please do the following interface settings according to your optional data line.

☆Return to PC/AT Default



Return to RS-232 Default



Return to USB Default



Return as Customer Default



Save as Customer Default



Sleep time selection

In this section, user can set both laser and motor to either into sleep mode. The timeout programming labels will allow users to set the different time frame before entering into laser or motor sleep mode. The feature reduces power consumption and prolongs scanner life time. Laser always enters sleep mode before motor. If the motor timeout is set shorter than the laser time, then laser would enter sleep

mode as motor enters sleep mode.

Motor Sleep Mode Off



Motor Sleep Time 10 Minutes



☆Motor Sleep Time 30 Minutes



Laser Sleep Mode Off



☆Laser Sleep Time 10 Minutes



Laser Sleep Time 30 Minutes



Same code delay time

In order to avoid an unwanted reading the same barcode, the time interval of the same barcode should not set too short.

50ms



200ms



☆300ms



500ms



Infinite



Beeper sound selection

☆Power up Tone Enable



Power up Tone Disable



Tone

Low



☆Medium



High



Silent



Duration

50ms



☆100ms



200ms



Volume

Low



Medium



☆High



Barcode identifier code setting

Code 39



ITF 2 of 5



Chinese Postal Code



UPC-E



UPC-A



EAN-13



EAN-8



Codabar



Code 128



Code 93



MSI



RSS-14



RSS-14 Limited



RSS Expanded



Save Setting to Confirm



Message Terminator

RS-232

None



☆CR/LF



CR



TAB



STX/ETX



EOT



USB HID & Keyboard Wedge

None



☆Enter



TAB



RS-232C interface configuration

Baud rate

1200



2400



4800



☆9600



19200



38400



57600



115200



Capital lock

Shift



36

☆Reset



Function key emulation

Enable



☆Disable



Data edit

Prefix and suffix

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

1. Scan the “Enter/Exit Programming Mode” label;

2. Select either prefix or suffix that you are going to program by scanning the corresponding label. If you want to add both prefix and suffix, you should operate separately;
3. Scan the characters you want to set as header or trailer from the full ASCII.
4. Scan “Saving setting to confirm” label;
5. Scan the “Enter/Exit Programming Mode” label to confirm your choice into memory.

Prefix



Suffix



Save Setting to Confirm



Truncate header/trailer character

This setting allows you to truncate a number of header or trailer for symbology. As a result, the specific character you select is deleted from the symbology you want.

1. Scan the “Enter/Exit Programming Mode” label;
2. Select the “Truncate Header/ Truncate Trailer” label;
3. Scan two barcode values from the full ASCII code table (0-9).
4. Scan “Saving setting to confirm” label;
5. Scan the “Enter/Exit Programming Mode” label to end the configuration.

Truncate Header



Truncate Trailer



Save Setting to Confirm



Add Code Length

This setting is used to set whether the barcode length character can be used as header.

Enable



Disable



Reading code selection

☆Code 39 Enable



Code 39 Disable



Codabar Enable



☆Codabar Disable



☆UPC/EAN/JAN Enable



UPC/EAN/JAN Disable

(Only can't transmitted but can decode)



ITF 2 of 5 Enable



☆ITF 2 of 5 Disable



Chinese Postal Code Enable



☆Chinese 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 Enable



EAN Convert to ISSN/ISBN Disable



Code 32 Enable



☆Code 32 Disable



MSI Enable



☆MSI Disable



