



HR23 DORADA  
HR33 MARLIN

Quick Start Guide V1.0

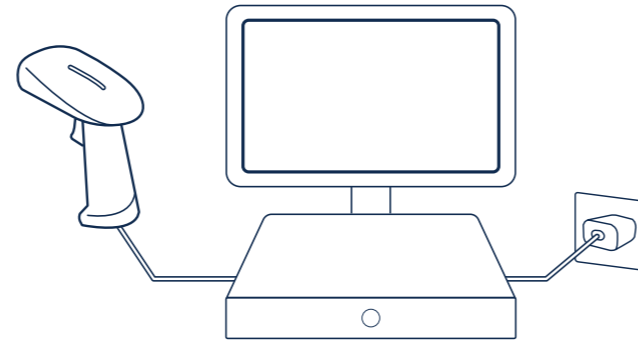
Overview



All pictures in this manual are for reference only and actual product may differ

1

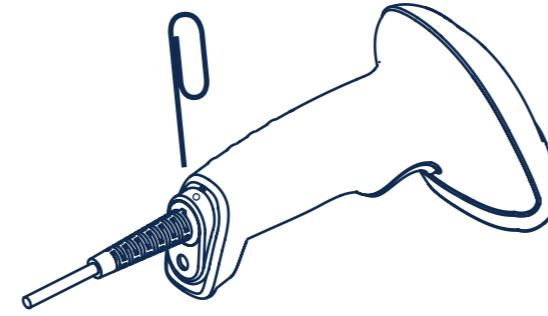
Connection



Note: The host refers to PC, POS or other terminal equipped with USB, RS-232 interface.

2

Remove cable



Get an appropriate needle or a straight paperclip and follow the below:

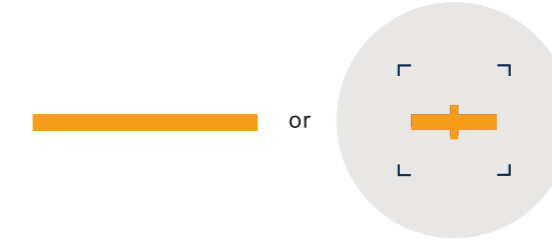
- 1 Insert the needle into the dismantling hole
- 2 Pull out the cable slowly from the scanner while applying pressure on the needle
- 3 Remove the needle
- 4 Pull out the cable from the host

Note: The host refers to PC, POS or other terminal equipped with USB, RS-232 interface.

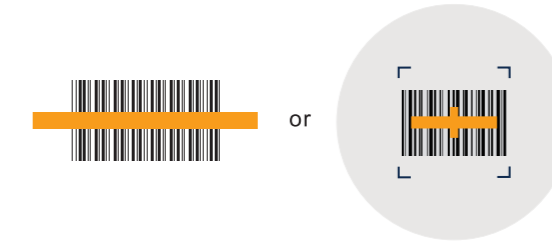
3

Optimum scanning

- 1 Press & Hold Illumination LED and Aiming LED cast an Illumination Pattern and an Aiming Pattern

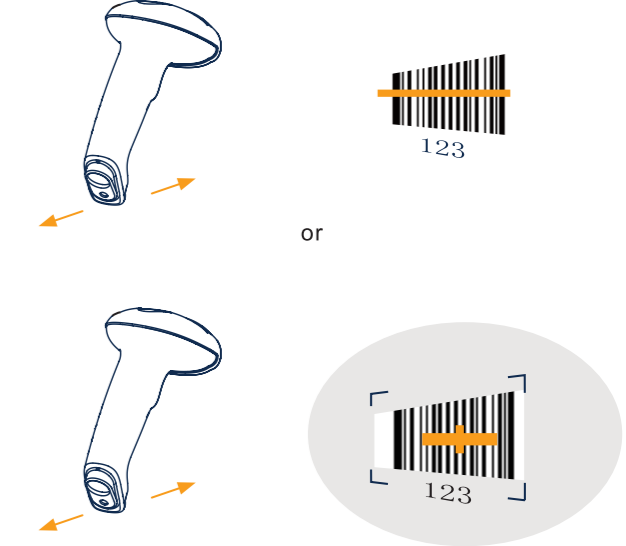


- 2 Keep illumination pattern in the center of a barcode. Zoom in and zoom out to adjust to the Optimum Reading Distance.



4

- 3 Good read beep and illumination LED off indicates good decoding and transmitting data to the host.



Note: Experiences tell a certain range of distances which has higher successful reading rate. This range is the Optimum Reading Distance.

5

Barcode programming

- 1 Use of programming barcodes



- 2 Factory defaults



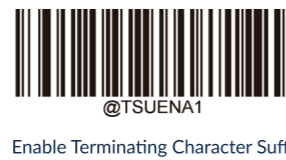
- 3 USB interfaces



6

Barcode programming

- 4 Terminating Character Suffix



Enable Terminating Character Suffix



Disable Terminating Character Suffix



Terminating Character CR (0x0D)



Terminating Character CRLF (0x0D, 0x0A)

7

Barcode programming

- 5 Scan mode



Enable Terminating Character Suffix



Disable Terminating Character Suffix



Terminating Character CR (0x0D)

8

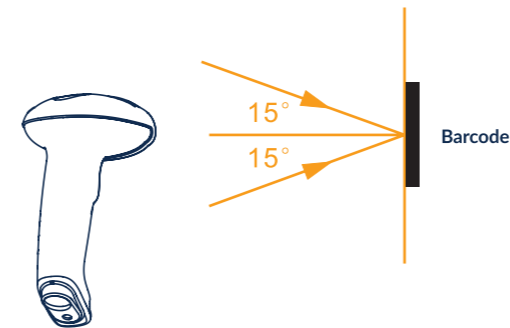
Trouble shooting

When the scanner doesn't work, please:

- 1 Ensure that all cable connection are secure and that only the supplied cables are used.
- 2 Ensure the barcode is readable. Avoid defaced, wrinkled, soiled or torn barcodes.
- 3 Ensure that the barcode symbology is enabled.

If the problem still persists, please contact your dealer or Newland service center.

When scanning barcodes on highly reflective surfaces, it is better to tilt the scanner by 15°



9

CE / WEEE



Marking and European Economic Area (EEA) Statement of Compliance

We hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths,curtains, etc.;

This product's max operating ambient temperature is 55 degrees C.

--- Direct Current Symbol



This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be hand-held pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.

10

FCC / More information

Radiofrequency interface requirements Radio transmitters (part 15)

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.
- 2 This device must accept any interference received, including interference that may cause undesired operation.

**FCC** Tested to comply with FCC Standards  
FOR HOME OR OFFICE USE



Visit our website  
newland-id.com