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Co-operative Online Bibliographic System & Services

COBISS System Management
Datalogic Heron HD3130
User Guide

V1.0

VIF-NA-28-EN

Institute of Information Science, Maribor, Slovenia

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COBISS System Management
Datalogic Heron HD3130 User Guide

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Instructions on how to prepare the reader for use in COBISS.

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1 Using the Datalogic Heron™ HD3130 Reader



Use a paperclip to help attach or remove the power cable.

USB



To use the HERON™ HD3130 reader in the COBISS system, connect it to your PC by using the USB port.



Set up and adjust the stand as shown above.

2 LED and Beeper Indications

Indication	LED	Beeper	Indication
Power-up	Upper LED flashes/blinks on power-up, however, this may be too rapid to view. With a USB interface, the LED blinks until enumeration with the host is completed.	Imager beeps four times at highest frequency and volume upon power-up.	Power-up
Good Read	Upper green LED comes on for programmed time (default). LED behavior for this indication is configurable using Aladdin utility.	One beep at current frequency, volume, mono/bi-tonal setting upon a successful label scan. It is also possible to upload custom jingles with Aladdin.	Good Read
ROM Failure	200ms on / 200ms off	Imager sounds one error beep at highest volume for 200 mS.	ROM Failure
Limited Scanning Label Read	N/A	Imager 'chirps' six times at the highest frequency and current volume.	Limited Scanning Label Read
Imager Disabled	The LED blinks continuously 100mS on / 900 mS off	N/A	Imager Disabled

3 Setting Up the Datalogic Heron™ HD3130 Reader

When connected, set up the reader by reading the bar codes on the right side of the manual from top to bottom. See the explanation by steps left from the bar code.


1 Before you start, restore the reader to
EU Factory Configuration →



2 Enter the Programming Mode:
Enter Programming Mode →




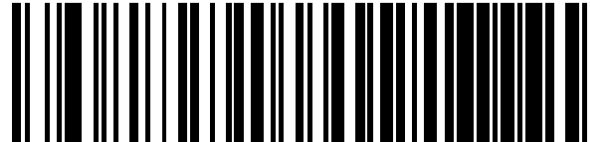
3 **Enable CODE 93:**
Code93 = Enable → 

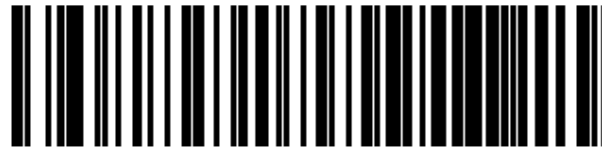
4 *Exit Programming Mode and save parameters* → 


When restoring the reader to the EU factory settings, CODE 93 is not set. In the following step, enable CODE 93. Other factory settings correspond to the use of the reader in the COBISS system.

4 Settings for *Interleaved 2 of 5*

1 *Enter Programming Mode* → 

2 **Enable Interleaved 2 of 5:**
I 2 of 5 = Enable → 

3 If the bar code number is uneven, check character calculation:
Check Character Calculation → 

4* **Disable check character transmission:**
Check Character Transmission = Don't Send → 

5 *Exit Programming Mode and save parameters →*



* Perform step 4 only when the Interleaved 2 of 5 bar code number is uneven. Otherwise, go to step 5.

5 Additional Settings for LED Indicator

1 *Enter Programming Mode →*



3a **Green LED colour:**
Good Read LED Color = Green →



3b **Red LED colour:**
Good Read LED Color = Red →



3c **Blue LED colour:**
Good Read LED Color = Blue →



4 *Exit Programming Mode and save parameters →*



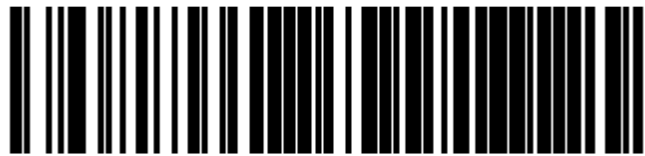
You can specify the colour of the LED indicator. You can select either 3a, 3b, or 3c.

6 Additional Settings for Speaker Volume

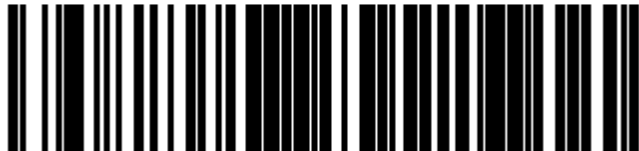
1 *Enter Programming Mode* →



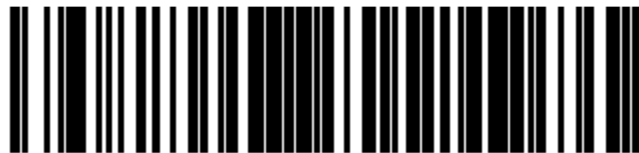
2a **Good Read Speeker Volume:**
GRBV = Low →



2b **Good Read Speeker Volume:**
GRBV = Medium →



2c **Good Read Speeker Volume:**
GRBV = High →








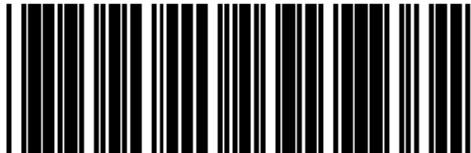
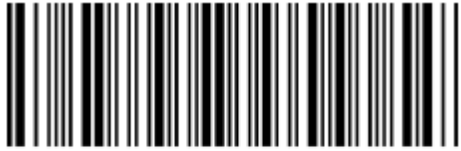
3 *Exit Programming Mode and save parameters* →



You can select the speaker volume. You can select either 2a, 2b, or 2c.

7 Testing Parameters

You can test if the parameters were set up successfully by using the following test bar codes:

COBISS	Additional bar codes
<p style="text-align: center;">CODE 93</p>  <p style="text-align: center;">220020102,1</p>	<p style="text-align: center;">Interleaved 2 of 5</p>  <p style="text-align: center;">0 1 2 3 4 5 6 7 8 4</p>
<p style="text-align: center;">Code 128</p>  <p style="text-align: center;">t e s t</p>	<p style="text-align: center;">Interleaved 2 of 5</p>  <p style="text-align: center;">0 1 2 3 4 5 6 7 8</p> <p style="text-align: center;">Brez kontrolnega znaka (4)!</p>
<p style="text-align: center;">EAN-13</p>  <p style="text-align: center;">1 234567 000992</p>	 <p style="text-align: center;">123ABC</p> <p style="text-align: center;">Code 39</p>
	 <p style="text-align: center;">057654850</p> <p style="text-align: center;">Codabar</p>