Eartrace®
Handheld Reader RH7

Overview

Frequency Band
LF 124 kHz - 134.2 kHz
HDX and FDX

Hard Tag Dimensions
660 x 65 mm / 25.98 x 2.56 in

Industry Segments
Animal Identification

Instructions

The RH7 can read all ISO 11784 and 11785 compliant animal transponders (FDX-B and HDX) as well as FDX-A and EM4102 transponders.

Switch Reader Off
Press the 'ON/OFF' button for about 2 seconds. In case of inactivity the reader switches off automatically after about 2 minutes.

Charging Battery
Connect the reader to a computer or an USB power supply. When fully charged the LED changes from red to green. The battery status is shown in the upper right corner of the OLED display.

Reader Configuration
From initial scan view press 'UP' once and enter Settings by pressing 'OK'. The menu offer configuration of Language, Memory, Bluetooth®, Hex. For selecting the desired function please press 'OK'.

Bluetooth® Setting
Scroll to 'Bluetooth' and press 'OK' for disabling or enabling communication via Bluetooth®. When enabled the LED is blue. For saving battery power please disable Bluetooth®.

Reading Transponders
Switch on the reader, wait until 'Scan' Is shown and press 'OK'. Approach the reader antenna to the transponder. After detecting a transponder the identification number is shown on the OLED display. For another reading press 'OK' again.

Continuous Scan
Continuous reading can be activated by scrolling down from initial scan view to 'Continuous Scan' and pressing 'OK'.

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Memory Setting

Scroll to 'Memory' and push 'OK' for disabling or enabling memory functionality. If enabled the transponder numbers are stored in the reader's internal memory. When selecting 'Memory' a second time data can be transmitted via Bluetooth® or USB after pressing 'OK'.

Language Setting

Scroll to 'Language' and push 'OK'. By scrolling up and down one of the following languages can be chosen: English, French, Spanish, Italian, Portuguese, German, Polish. Confirm with 'OK'.

Operating Controls

The reader is controlled by four buttons:
- 'ON/OFF'
- 'UP' for scrolling up in displayed menu
- 'DOWN' for scrolling down
- 'OK' for selecting the displayed option

OLED Display and LED (Blue)

The OLED display shows configuration menus, device status and transponder identification numbers in four lines of 16 characters each. The LED indicates Bluetooth® connectivity status.

Mini-USB Connector and LED

The mini-USB connector is used for:
- charging the battery (red / green LED)
- transferring data to a PC

Scope of Delivery

- Eartrace® Handheld Reader RH7
- Rechargeable battery
- Mini-USB cable

Certificates

- CE

Specifications

- OLED 4 x 16
- LED indicator
- 4 buttons
- Beeper
- Reads ISO 11784 and 11785 compliant transponders (FDX-B and HDX)
- Reads FDX-A and EM4102 transponders
- Mini-USB connector
- Bluetooth®
- Rechargeable battery 3.7V, 5000mAh
- Dimensions: approx. 660 x 65 x 48 mm
- Weight: approx. 460g
- Storage temperature: -10°C to 55°C
- Operating temperature: -5°C to 40°C

Reader Description

- OLED display
- LED
- ON/OFF
- UP
- DOWN
- OK
- Mini-USB