



Biomark

HPR LITE READER

Overview

For detailed instructions about the Biomark **HPR Life Reader** features and operation, please download the complete HPR Lite Reader User Manual from our website at:

<https://www.biomark.com/hpr-lite-reader> in the Downloads & Help Section

Charging the Reader

The reader is charged by using the supplied Micro USB cable plugged into either a computer USB port or the provided AC power adapter. **Note: The HPR Lite reader needs to be fully charged before first use.**

Powering the Reader On

To power the reader on, press and hold the center OK button. After ~1.5 seconds the main screen will be displayed.

Powering the Reader Off

- To power down the reader, press and hold the OK button. Continue to hold the OK button until the reader shuts down.
- By default, the HPR Lite will shut down automatically after 3 minutes of inactivity.
- Pressing any button will reset this time. This function will become disabled if the reader is connected via USB cable or extended to 1 hour of inactivity if the reader is connected via Bluetooth® while in Slave mode.



Reading PIT Tags

- To scan for PIT tags press and hold the READ button down. The reader will display 'Reading...' while it searches for a tag. Once the button is released the reader will stop scanning.
- When a tag is detected the reader will stop scanning automatically and will display the tag information on the screen.
- If no tag is detected, the reader will display the message 'No tag detected', and return to the main screen.

Communications

The HPR Lite Reader is compatible with Biomark Device Manager Windows based software. The software offers easy to use GUI for configuring the reader's settings, updating its firmware and downloading tag data from the reader. For more information about this product, please visit www.biomark.com.

The HPR Lite reader is a USB device and does not require a specific baud rate to be selected when setting up communications. If a baud rate is required by a program, any selection up to 115,200 will work.

Drivers for the reader should be installed automatically when it is connected to a PC via USB, however if the drivers are not successfully installed automatically, they can be found by visiting the HPR Lite page, in the Downloads & Help section at: <https://www.biomark.com/hpr-lite-reader>

By default, the Bluetooth module is **discoverable and connectable** (Slave mode or device).

Note: When Bluetooth authentication is disabled, default PIN code is 1234. This may be required with old Bluetooth devices.

Reader Internal Clock

The reader's internal clock is set at the factory to match the local time. This can be easily changed using the reader's LCD user interface or Device Manager software.

For detailed information on how to adjust the date and time settings to your time zone please refer to the HPR Lite User Manual available for download on the Biomark website: <https://www.biomark.com/hpr-lite-reader> in the Downloads & Help section

Warranty

- The HPR Lite reader is warranted against defects in materials and workmanship, under normal use and service for one (1) year from the day of shipment.
- This warranty will not apply if adjustment, repair or parts replacement is required because of accident, neglect, damage during transportation or causes other than ordinary use.
- Manufacturer's sole responsibility under this warranty shall be at its option, to either repair or replace any product which fails during the warranty period. In no event shall Manufacturer be liable for any indirect or consequential damages or loss of profit.

USA-Federal Communications Commission (FCC)

This device complies with part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by tuning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the receiver.
- Connect the equipment to outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Notice to consumers: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canada - Industry Canada (IC)

This device complies with RSS 210 of Industry Canada. Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

L'utilisation de ce dispositif est autorisée seulement aux conditions suivantes :

(1) Il ne doit pas produire d'interférence et (2) l'utilisateur du dispositif doit être prêt à accepter toute interférence radioélectrique reçue, même si celle-ci est susceptible de compromettre le fonctionnement du dispositif.

Avis aux consommateurs: Toutes modifications non expressément approuvées par la partie responsable de la conformité peuvent annuler le droit de l'utilisateur à utiliser cet équipement.

Miscellaneous Information

Snapshots are according to the latest version at the moment this document was printed. Changes may occur without notice.

Trademarks

Bluetooth® is a registered trademark of Bluetooth SIG, Inc.

Windows is a trademark or registered trademark of Microsoft Corporation in the United States and/or other countries.

All other trademarks are trademarks of their respective owners.

Regulatory Compliance

ISO 11784 & 11785

This device complies with the standards set forward by the International Standardization Organization. Specifically, with standards:

11784: Radio frequency identification of animals -- Code Structure

11785: Radio frequency identification of animals -- Technical Concept.

FCC NQY-30019

IC 4248A-30019

CE Declaration of Conformity Biomark, Inc. hereby declares that the radio equipment type HPR Lite complies with the directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:
<https://www.biomark.com/hpr-lite-reader#product.info.specifications>

