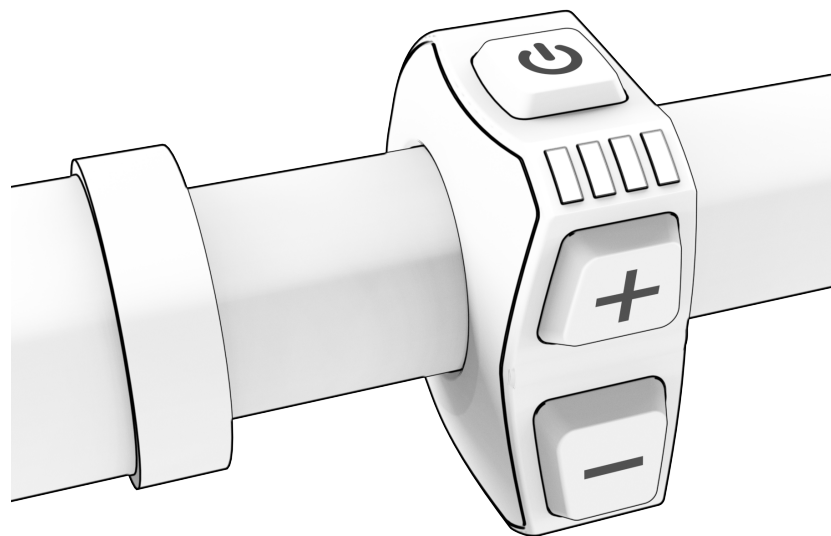
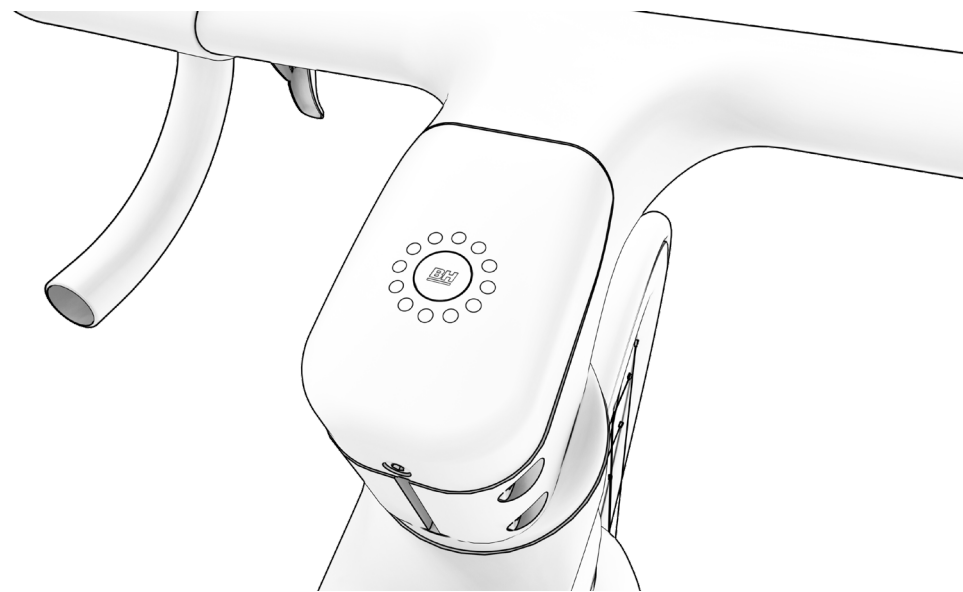


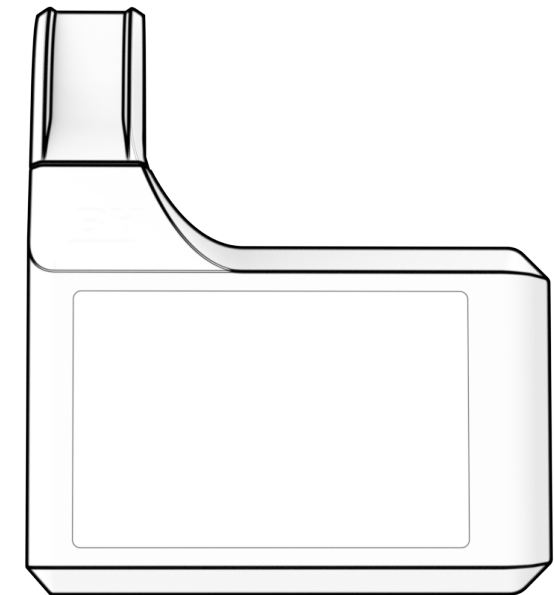
DISPLAY DATA SHEET
2026



IREMOTE



ICORE
CORE



X DISPLAY
LITE

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01 INTRODUCTION

This user manual contains important information for proper use and maintenance of the bicycle. Specifically, the document contains specific information for the components of electric bicycles:

iLYNX TRAIL

iLYNX RACE

iAEROLIGHT

iRS1

iGRAVELX

ATOM

CORE

It is recommended that you read the entire manual carefully. The user manuals for all BH models can be consulted on the website at the following address:

<https://www.bhbikes.com/manuals>

Remember that the manuals are periodically updated on the BH BIKES website, always keep them up to date. Check the version in the footer.

This document contains additional information to the general user manual, available at:

https://www.bhbikes.com/es_INT/quienes-somos/manuales-descargas

Check the characteristics, recommendations and guarantees of third-party components on their respective official websites.

DISPLAY

Throughout the document you will find instructions regarding the diagnosis of electrical issues that could occur to the bike or its components. Therefore, here you have the error codes of the display devices installed in BH ebikes. For each family of bicycles there is a common display model that performance equally and shares protocols regarding its maintenance. Along this document, you can find description of the following display devices:

- CORE display
- iCORE display
- iREMOTE display
- X display
- LITE display

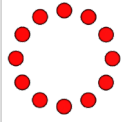
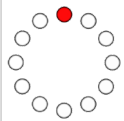
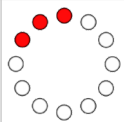
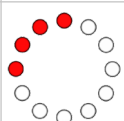
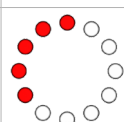
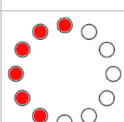
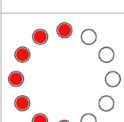
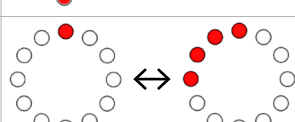
02 ERROR CODES

CORE DISPLAY & ICORE DISPLAY

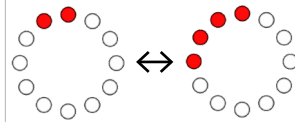
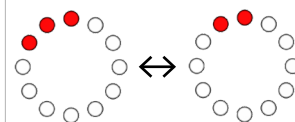
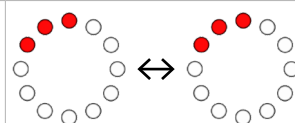
Errors will be shown on the display. Below are the errors and the actions that must be taken on the Core and the iCORE display.

The errors will be shown with the LEDs in models equipped with this display. The number of LEDs that are on or off will refer to a specific error. Below is a description of the possible problems:

ERROR DESCRIPTION

No.	Code	Description	Action required
0		System Normal	
1		Remote abnormal signal	Please check if the + button from the remote is blocked. Please check if the connector between the motor and controller is loose. If not, contact BH service center to replace the controller.
3		Torque sensor	Please restart the system. Please contact BH service center.
4		Battery under voltage	Please recharge fully the battery with original charger. Please perform the battery diagnosis with the battery checker. Please restart the system. Please contact BH service center.
5		Battery overvoltage	Please restart the system. Please perform the battery diagnosis with the battery checker. Please contact BH service center.
6		Motor hall sensor	Please restart the system. Please contact BH service center.
7		Motor overheated	Please stop riding and wait until the motor is cooled. Please contact BH service center.
14		Drive unit overcurrent	Please reduce the load on the motor by pedalling less or by reducing the assistance level. Please restart the system. Please contact BH service center.

ERROR DESCRIPTIONS

No.	Code	Description	Action required
24		Drive unit power	Please restart the system. Please contact BH service center.
32		Drive unit software	Please restart the system. Please contact BH service center.
33		Speed sensor	Please check if the speed sensor and magnet position in the wheel is moved. Please check if the connector between the motor and speed sensor is loose. If not, contact BH service center.

IREMOTE DISPLAY

Errors will be shown with the iRemote LEDs. The errors will be indicated according to the colour, position and number of LEDs lit. The tables below describe the codes used for the LEDs. The first one shows the error codes for red LEDs. The second one shows the error codes for yellow LEDs and the last one for blue LEDs.



RED LED CODES

Code	LEDs	Description	Action required
01		Remote abnormal signal	Please check if the + button from the remote is blocked. Please check if the connector between the motor and controller is loose. If not, contact BH service center to replace the controller.
03		Torque sensor	Please restart the system. Please contact BH service center.
04		Battery under voltage	Please recharge fully the battery with original charger. Please perform the battery diagnosis with the battery checker. Please restart the system. Please contact BH service center.
05		Battery overvoltage	Please restart the system. Please perform the battery diagnosis with the battery checker. Please contact BH service center.
06		Motor hall sensor	Please restart the system. Please contact BH service center.
07		Motor overheated	Please stop riding and wait until the motor is cooled. Please contact BH service center.
14		Drive unit overcurrent	Please reduce the load on the motor by pedalling less or by reducing the assistance level. Please restart the system. Please contact BH service center.

YELLOW LED CODES

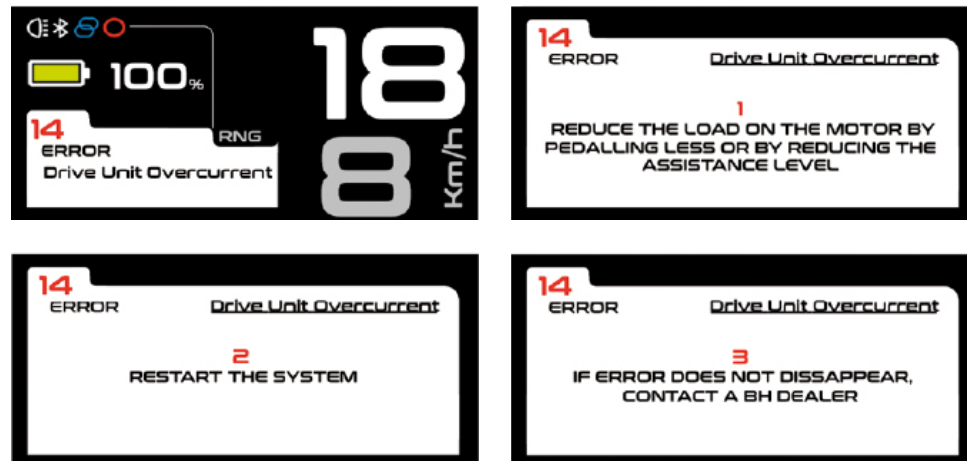
Code	LEDs	Description	Action required
24		Drive unit power	Please restart the system. Please contact BH service center.
26		Drive unit reset cause	Please restart the system. Please contact BH service center.
30		Drive unit current out of range	Please restart the system. Please contact BH service center.

BLUE LED CODES

Code	LEDs	Description	Action required
32		Drive unit software	Please restart the system. Please contact BH service center.
33		Speed sensor	Please check if the speed sensor and magnet position in the wheel is moved. Please check if the connector between the motor and speed sensor is loose. If not, contact BH service center.

X DISPLAY

Errors will be shown on the display. In some cases, the steps required to try and resolve the error that will be included in the error notification message. The table below shows the possible errors and how they can be resolved.



ERROR DESCRIPTIONS

Code	Description	Action required
1	Remote abnormal signal	Please check if the + button from the remote is blocked. Please check if the connector between the motor and controller is loose. If not, contact BH service center to replace the controller.
2	Remote communication	Please check if the connector between the motor and display is loose. If not, contact BH service center to replace the controller.
3	Torque sensor	Please restart the system. Please contact BH service center.
4	Battery under voltage	Please recharge fully the battery with original charger. Please perform the battery diagnosis with the battery checker. Please restart the system. Please contact BH service center.
5	Battery overvoltage	Please restart the system. Please perform the battery diagnosis with the battery checker. Please contact BH service center.
6	Motor hall sensor	Please restart the system. Please contact BH service center.
7	Motor overheated	Please stop riding and wait until the motor is cooled. Please contact BH service center.
8	Drive unit sensor over temperature	Please restart the system. Please contact BH service center.

ERROR DESCRIPTIONS

Code	Description	Action required
9	Drive unit current out of range	Please restart the system. Please contact BH service center.
12	Battery discharged	Please recharge fully the battery with an original charger. Please perform the battery diagnosis with the battery checker. Please restart the system. Please contact BH service center.
14	Drive unit overcurrent	Please reduce the load on the motor by pedalling less or by reducing the assistance level. Please restart the system. Please contact BH service center.
24	Drive unit power	Please restart the system. Please contact BH service center.
26	Drive unit reset cause	Please restart the system. Please contact BH service center.
30	Drive unit current out of range	Please restart the system. Please contact BH service center.
32	Drive unit software	Please restart the system. Please contact BH service center.
33	Speed sensor	Please check if the speed sensor and magnet position in the wheel is moved. Please check if the connector between the motor and speed sensor is loose. If not, contact BH service center.

03 DECLARATION OF CONFORMITY

EU Declaration of Conformity

The manufacturer: BH BIKES EUROPE, SL
c/ Perretagana 10,
01015 Vitoria, Spain

Hereby declares that the following products:

Product description:  Cycles –Electrically power assisted cycles –EPAC Bicycles

Models designation:

iLYNX+ ENDURO 9.9, iLYNX+ ENDURO 9.8, iLYNX+ ENDURO 9.7, iLYNX+ SL ENDURO 9.6, iLYNX+ SL ENDURO 9.5, iLYNX+ SL ENDURO 9.4, iLYNX+ TRAIL 8.9, iLYNX+ TRAIL 8.8, iLYNX+ TRAIL 8.7, iLYNX+ SL TRAIL 0.0, iLYNX+ SL TRAIL 8.6, iLYNX+ SL TRAIL 8.5, iLYNX+ SL TRAIL 8.4.

ATOMe LYNX PRO 8.2, ATOMe LYNX 8.0.

iLYNX TRAIL CARBON 8.9, iLYNX TRAIL CARBON 8.8, iLYNX TRAIL CARBON 8.7.

iLYNX TRAIL 8.2, iLYNX TRAIL 8.1, iLYNX TRAIL 8.0.

iLYNX RACE 7.9, iLYNX RACE 7.8, iLYNX RACE 7.7.

iAEROLIGHT 1.9, iAEROLIGHT 1.8, iAEROLIGHT 1.7.

iRS1 CARBON 1.6, iRS1 CARBON 1.5, iRS1 CARBON 1.4, iRS1 1.2.

iGRAVELX CARBON 2.9, iGRAVELX CARBON 2.8, iGRAVELX CARBON 2.7, iGRAVELX 2.4, iGRAVELX 2.2.

ATOMe PRO, ATOMe JET PRO, ATOMe CROSS PRO, ATOMe SUV PRO-SE, ATOMe SUV PRO-S, ATOMe SUV PRO, ATOMe DIAMOND WAVE PRO, ATOMe CITY WAVE PRO.

CORE PRO, CORE 29, CORE JET PRO, CORE CROSS PRO, CORE JET, CORE CROSS, CORE CITY WAVE, CORE STREET.

ATOM LYNX PRO 8.2, ATOM LYNX 8.1, ATOM LYNX 8.0, ATOM PRO, ATOM 29, ATOM JET PRO, ATOM CROSS PRO, ATOM JET, ATOM CROSS, ATOM SUV PRO, ATOM DIAMOND WAVE PRO, ATOM CITY WAVE PRO, ATOM CITY WAVE, ATOM CITY, ATOM STREET.

ATOMX LYNX 9.9, ATOMX LYNX 9.8, ATOMX LYNX 9.7, ATOMX LYNX 8.7.

ATOMX LYNX 9.2, ATOMX LYNX 9.0, ATOMX LYNX 8.4, ATOMX LYNX 8.2, ATOMX CROSS

Year of manufacture: 2024 and 2025

Comply with all of the relevant requirements of the Machinery Directive (2006/42/EC).

Comply with Low Voltage Directive (LVD) 2014/35/EU

Comply with all of the relevant requirements of RD 339/2014, de 9 de Mayo.

Furthermore, the machine complies with all of the requirements of the Electromagnetic Compatibility Directive 2014/30/EU.

The production control is assured by our Quality Management System, which fulfills the requirements of the standard ISO 9001

The following harmonized standards have been applied:

DIN EN 15194 Cycles – Electrically power assisted cycles – EPAC bicycles;

DIN ISO 4210-1/2/3/4/5/6/7/8/9 Safety requirements for bicycles

Technical documentation filed at:

BH BIKES EUROPE, SL

c/ Perretagana 10,

01015 Vitoria, Spain

Prepared and reviewed by the BH Quality Department (Headquarters)

04 HELP AND ADDITIONAL RESOURCES

BH offers different channels to resolve your queries. In addition, you can join our global cyclist community on our social media.

TECHNICAL RESOURCES

You can find all of the resources you need to fine-tune your bicycle on the BH Bikes website. Click on the link below to access the user manuals, apps, warranties, display update files and videos that explain different operations:

<https://www.bhbikes.com/manuals>

You can also check out our step-by-step tutorials to learn how to maintain and fine-tune your bicycle on our specialised Youtube channel:

<https://www.youtube.com/user/ServicioTecnicoBH>

CONTACT US

Our authorised dealers have the necessary knowledge and resources to help you with anything you need in relation to your bicycle. Don't hesitate to contact your nearest store. You can find it by clicking on the link below:

https://www.bhbikes.com/es_INT/tiendas/buscador-de-tiendas

To contact us directly:

Tel.: + 34 945 13 52 02

info@bhbikes.com

P.I. Jundiz- Perretagana 10, 01015 Vitoria, Alava (Spain)

SOCIAL MEDIA

Join our global cyclist community. Discover the BH experiences of other cyclists and share yours.



