

GPS TRACKER MANUAL

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EN IMPORTANT

This GPS unit has been designed for the tracking and anti-theft protection of the electric bike EASY MOTION. Depending on the tracking system used and the own device's whereabouts, the GPS unit will present deviations with the indicated position. Likewise, there might be delays in the communication with the GPS unit due to some telecommunications companies.

This company may not be held responsible for any ill-intentioned use of this device.

EN SPECIFICATIONS

- **GSM network:** 850/900/1800/1900MHz
- **GPRS standard:** Class 12, TCP/IP
- **GPS locating time:**
 - 30sec with cold boot(under the open sky)
 - 29sec with warm boot(under the open sky)
 - 5sec with hot boot (under the open sky)
- **GPS Positioning accuracy:** 10-15m (under the open sky)
- **Working temperature:** -20°C ~ +70°C
- **Working humidity:** 5% ~ 95% RH
- **Host size:** 40 (length) x 34 (width) x 14 (height) mm
- **Host weight:** 24g

EN INCLUDES

- GPS unit



- Tension converter



- GPS unit charger



EN GPS UNIT INSTALLATION

- Step 1: Disassemble the diagonal tube lower cover to have access to the battery power-supply cable.



- Step 2: Connect the "voltage converter" to the mentioned battery power-supply cable.



- Step 3: Introduce the "GPS module" into the box of the diagonal tube lower cover.



- Step 4: Connect the "GPS module" to the Micro USB cable coming from the "Voltage Converter"

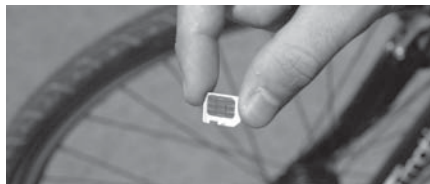


- Step 5: Assemble the diagonal tube lower cover.



EN GPS UNIT INITIAL SETTINGS

- Buy a Micro SIM data card.



- Make sure that the Micro SIM data card does not have a PIN number.

- Make sure that the GPS unit is switched off. Otherwise, switch it off.
→ Introduce the Micro SIM data card in the indicated position in the GPS unit slot.



- Switch on the GPS unit pressing the ON button for 3 seconds. Then, the lights will light up.

Light colour	Function	Slow flickering	Quick flickering	Off
Blue	GPS indicator	Searching GPS	GPS found	GPS off
Yellow	GSM indicator	Searching GSM	GSM found	GSM off

EN GPS UNIT OPERATION

The GPS unit operation can be done by:

1. Sending SMS to the Micro SIM card mobile phone number
2. Accessing the web www.gps123.org, introducing the ID and password ("123456" by defect). The web offers many additional functions, such as the reproduction of the unit's movements or the establishment of geo-barriers, among others.

3. The BH BIKES Premium APP, available in Apple Store and Play Store, when accessing Bike Profile / Locate My Bike Settings.

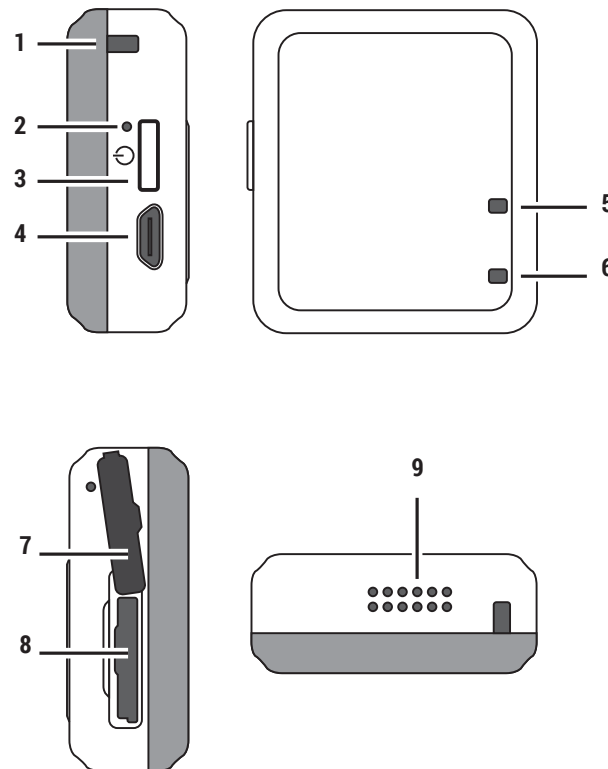
EN USE AND CHARGE OF THE GPS UNIT

- The electric bike battery feeds the GPS unit as long as its charge is over 10%. Under 10%, the GPS module will feed on its own internal battery, which is much more limited capacity-wise.
- Charging the GPS unit battery can be done in two ways:
 - Direct charge: by extracting the GPS unit and using the the GPS unit charger included in this kit.
 - Indirect charge: by charging the main battery of the electric bike.
- The use of the GPS unit depends totally on the GPS connection frequency, being this parameter changeable by following the operating instructions. For example: with a frequency of 10 minutes of connection, the GPS internal battery will last two days at full capacity.

EN PASSWORD RESET

If we forget the password, the device can be reset by pressing the reset button on the unit. The unit will then go back to the initial settings and the password will be "123456".

1. Lanyard hole
2. Reset hole
3. Switch button
4. Charger hole
5. GSM indicator
6. GPS indicator
7. Slot rubber plug
8. SIM slot (micro card for iphone4)
9. Microphone holes



EN OPERATING INSTRUCTIONS

INSTRUCTIONS

SMS to the module SIM CARD number. EXAMPLE

ADMINISTRATOR CHANGE - t is used to establish the administrator's phone number through which he will communicate with the GPS unit. If the user presses it, the system will give him the option of changing the administrator's phone number.

Password,sos1,telephone number#
Example: 123456,sos1,666111333#

PASSWORD CHANGE ("123456" BY DEFAULT)
- this is the password used to access the web. It is necessary to change the GPS unit administrator.

Password,t,new password#
Example: 123456,t,654321#

UNIT STATUS - This command informs about the unit's status, giving data such as the GPS signal strength, the GPS unit battery status and whether the GPS is on or off.

dsp#

CONNECTION FREQUENCY - This option allows the user to change the frequency in which the GPS unit updates its position. The higher the frequency (less minutes), the higher the battery consumption.

tim,minutes#
Example: tim,10#

ACTIVATING THE GPS TRACKING - This option allows the user to activate the GPS tracking depending on the previous activation frequency.

gon#

DEACTIVATING GPS TRACKING - This option allows the user to switch off the GPS tracking, which will radically decrease consumption.

goff#

GPS TRACKING INFORMATION - This option allows the user to know the GPS unit tracking (*)

dw#

APP



LOCATE MY BIKE SETTINGS

☐ **MASTER TELEPHONE NUMBER:**
+34 655 555 555

☐ **GPS PASSWORD (BY DEFAULT "123456"):**
123456

☐ **GPS MODULE STATUS**

☐ **GPS TRACKING FREQUENCY**
10 MIN (recommended)

☐ **ACTIVATE GPS TRACKING**

☐ **DEACTIVATE GPS TRACKING**

MAIN SCREEN

LOCATE MY BIKE

WEB

WHO?

Accessing the web with the ID and the password and clicking Setting / Device setting / Set Command / master No. (SOS1).

Via Web:
Anybody
Via SMS/APP:
Anybody

Accessing the web with the ID and the password and clicking on Change Password.

Via Web:
Anybody
Via SMS/APP:
Administrator

Directly accessing the web with the ID and the password.

Via Web:
Anybody
Via SMS/APP:
Administrator

Accessing the web with the ID and the password and clicking Setting / Device setting / Set Command / upload interval

Via Web:
Anybody
Via SMS/APP:
Administrator

-

Via Web: No
Via SMS/APP:
Administrator

-

Via Web: No
Via SMS/APP:
Administrator

Directly through access to the website with the ID and password. Likewise it notifies about the GPS or LBS positioning (*) - and the last connection time of the GPS module.

Via Web: No
Via SMS/APP:
Administrator

(*) The unit's tracking accuracy depends on the strength of the signal and on the type of connection. The GPS connection (outdoors) offers a 10-meter accuracy. The LBS connection (indoors or city streets) is much less accurate, as it is based on GSM aerial triangulation.