COOSPO BK805 Speed and Cadence Sensor User Manual

Contents

COOSPO BK805 Speed and Cadence Sensor

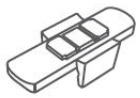
Standard Accessories

Main Device x 1
(CR2032 battery installed)

Crank Magnet x 1

Spoke Magnet x 1

Rubber Band for Main Device x 1



Rubber Pad for Main Device x 1

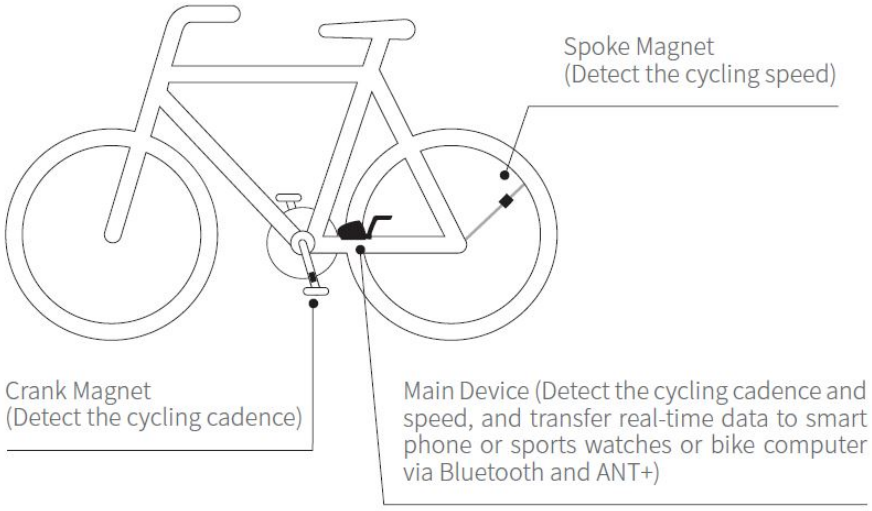
Battery Cover Tool x 1

Cable Ties x 6

Screw Wrench x 1

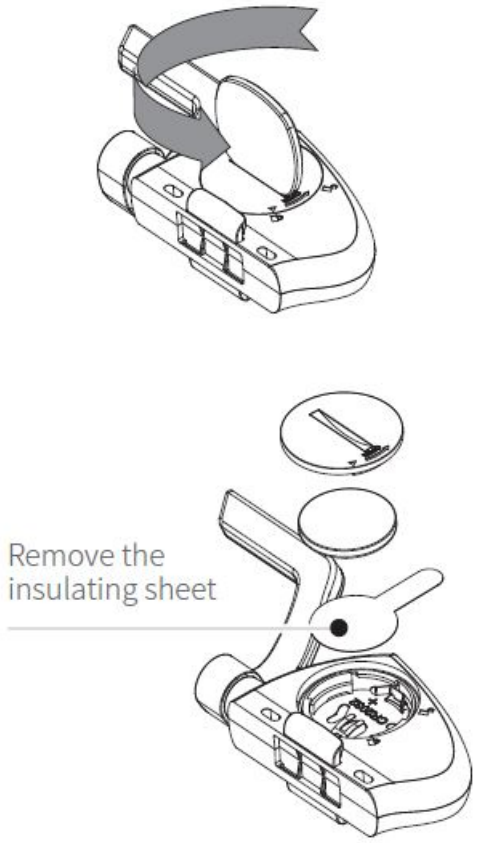
User Manual x 1

Accessories Installation Diagram



Remove the insulating sheet

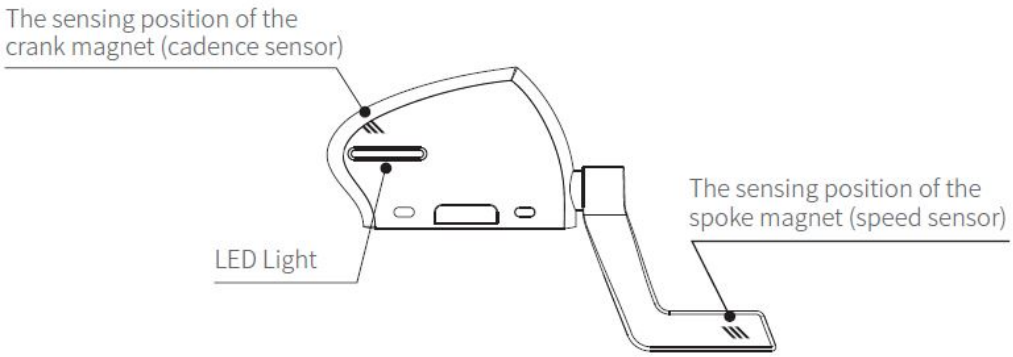
1. Rotate battery cover to OPEN position by using the battery cover tool, and then take off the battery cover.
2. Remove the battery insulating sheet and install the battery cover back (put battery cover on OPEN position and rotate it back)



Testing Mode & LED Light

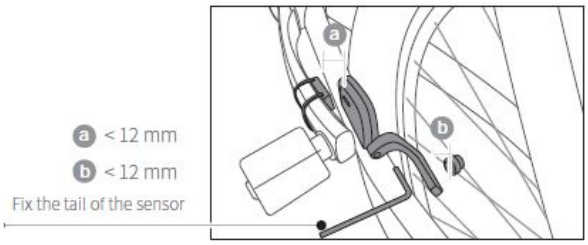
BK805 has testing mode to check whether magnet and sensor are installed correctly or not.
Please reinstall the battery once (please refer to Battery Replacement) to enter testing mode.
It's recommended to run testing mode each time you install BK805.
In the testing mode, if the speed sensor (Spoke magnet) is installed correctly and rotates the wheel, the LED light

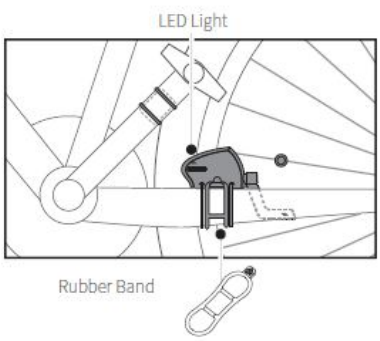
will flash blue, if the cadence sensor (Crank magnet) is installed correctly and turn the crank, the LED light will flash green. The testing mode will last for 15 minutes after the battery was installed.



Accessories Installation

1. Install the crank magnet on the crank and fix it with two cable ties (Before determining the position, don't tighten the ties until you get proper position, the following operations are the same).
2. Install the rubber pad onto the main sensor.
3. Align the sensing position of the cadence sensor with the crank magnet, and install it as the picture shows below, fix it with cable ties.
4. Attach the spoke magnet to the bicycle spoke, align it with the sensing position of the speed sensor, and tighten it.
5. Check whether the crank magnet and spoke magnet are aligned with the sensing position of the sensor, and the distance between them should be less than 12mm, and fix the tail of the sensor with screw wrench. (**Notice:** When rotating the tail, don't force it to exceed the rotation range, to avoid damage to the device).
6. Check whether the installation is successful. Turn the crank and the back wheel of the bicycle, speed LED shows blue color, cadence LED shows green color. After confirming that the installation is successful, tighten the cable ties and cut off the excess parts, and fix all the accessories with the rubber band.



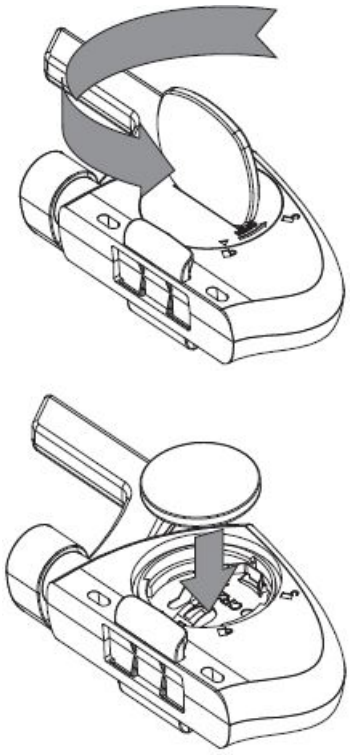


Battery Replacement

If the device cannot be detected, please consider replacing the battery.

1. Rotate battery cover to the OPEN direction to take off the battery cover.
2. Remove the battery, and properly dispose of the battery according to the local regulations.
3. Install the new battery (pay attention to the positive and negative poles), and use the battery cover tool to rotate the battery cover in the opposite direction of OPEN.

To avoid danger, batteries should be kept away from children.



Specifications

Weight Wireless	19.2 g Bluetooth 5.0 & ANT+	Battery Life Battery Type	500 hours CR2032
Distance	Bluetooth 5.0: 25 m ANT+: 10 m	Waterproof	IP67
Size	102.4 x 44.7 x 22.1 mm	LED Light	Red, Blue, Green

Applicable Smart Phones

IOS 9.0 or above, iPhone 4s model or above Android 4.3 or above with Bluetooth 5.0

Compatible Apps

CoospoRide, Wahoo Fitness, Zwift, Openrider, or other Apps with speed and cadence display
(**Notice:** Please refer to your latest test.)

FAQ

- If there is cadence or speed data missing, please check the position of the magnet and sensor installed, please adjust them until the data is normal.
- The Bluetooth 5.0 and ANT+ protocol of the bicycle speed / cadence sensor can work at the same time, if you want to connect the smart phone and sports watches separately, please make sure that the device you are connecting has Bluetooth 5.0 and ANT+.
- The device compatible with a variety of popular fitness Apps, about how to connect, please refer to the instructions of the App.

Disclaimer

- The information contained in this manual just for reference. The product described above may be subject to alteration owing to the manufacturer’s continuing research and development plans, without making an announcement in advance.
- We shall not bear any legal responsibility for any direct or indirect, accidental and special damages, losses and expenses arising from or in connection with the use of this manual and the product described in this manual.

FCC statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the 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 and, if not installed and used in accordance with the instructions, 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 turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and .
2. this device must accept any interference received, including interference that may cause undesired operation.

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Contact your local government or a retailer for additional information.

- Do not open or modify the product.
- Do not disassemble or attempt to service this product.
- This product is safe under normal and reasonably foreseeable operating conditions.

  If product is operating improperly, call COOSPO support.
- Product must be returned to the manufacturer for any service or repair.

Documents / Resources

	COOSPO BK805 Speed and Cadence Sensor [pdf] User Manual BK805, Speed and Cadence Sensor, BK805 Speed and Cadence Sensor
	COOSPO BK805 Speed and Cadence Sensor [pdf] User Manual BK805, Speed and Cadence Sensor, BK805 Speed and Cadence Sensor, Testing Mode and L ED Light