

# **MAGNET-LESS CYCLING SPEED / CADENCE SENSOR**

Quick Start Guide

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## **FEATURES**

### **Dual Band Technology**

Connects to smartphones and bike computers via ANT+ and Bluetooth.

### **Wireless Connection**

Wirelessly tracks speed or cadence. Easy installation, no magnet required.

### **Accurate Measurement**

Provides accurate speed or cadence data.

## **APPS (Android / iOS)**

Compatible with apps that support Bluetooth and ANT+.

Compatible with iPhone 4S or later, and with select Android devices using Android 4.4 or later and Bluetooth.

## IN THE BOX

1



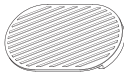
Speed/  
Cadence Sensor

2



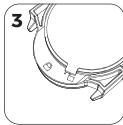
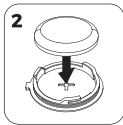
Rubber Band

3





Rubber Pad

## Place Battery

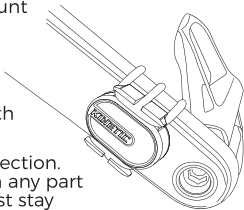


- 1** Twist the battery cover counter-clockwise to OPEN to remove the cover.
- 2** Place the battery (CR 2032) into the cover with positive (+) side facing the inside of the battery cover. Make sure the O-ring is in the groove of the battery cover.

- 3** To replace the battery cover, aligned the cover dot with “”.
- 4** Press and twist the cover clockwise back into place (the cover dot points to “”).
- 5** Check the battery back cover is indeed locked to ensure water resistance.

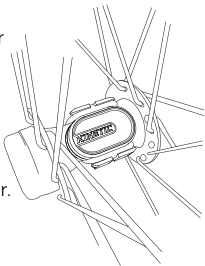
## Used As A Cadence Sensor

- 1** Place the sensor on the rubber pad with logo facing up. Mount on non-drive side, inside of crank arm.
- 2** Pull the crank rubber ring around the crank arm, and attach it to the hooks on both sides of the sensor.
- 3** Rotate the crank arm for detection. The sensor **should not** touch any part of your shoe or bike and must stay firmly attached.



## Used As A Speed Sensor

- 1** Select the smallest size hub rubber ring that securely fits your hub.
- 2** Place the sensor on the rubber pad with logo facing up. Hold them on top of the hub.
- 3** Pull the hub rubber ring around the hub, and attach it to the hooks on both sides of the sensor.
- 4** Rotate the wheel for detection, the sensor **should not** move and touch other parts of your bike.



## Notes - Waking Up Sensor

- 1 Rotate for 5 seconds or more, the sensor's LED will flash to let you know that it's woken up.
- 2 The LED will flash **RED** when configured for cadence.
- 3 The LED will flash **GREEN** when configured for speed.
- 4 The LED automatically turns off to save battery power.



## SPECIFICATIONS

- Model: T2007
- M/N: P0104010
- Dimension: L35.80×W30.80×D8.20mm
- Weight: 7.7g
- Waterproof: IPX6
- Accuracy: +/-2%
- Detected Speed range: 5~85kph
- Detected Cadence range: 30~180rpm
- Operating temperature: -10~60°C (14~140°F)
- Wireless transmission interface: Bluetooth 5.0 / ANT+
- Wireless transmission frequency: 2.402~2.480GHz
- Transmission Power: 0dbm
- Battery: CR2032
- Battery life: approximately 500Hours

# FCC

## **Federal Communications Commission Statement**

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the Federal Communications Commission (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 causes 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 doing 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction. Federal Communication Commission (FCC) Radiation Exposure Statement Power is so low that no RF exposure calculation is needed.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

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