



Magene S304 Bike Speed and Cadence 2 In 1 Sensor Instruction Manual

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Magene S304 Bike Speed and Cadence 2 In 1 Sensor

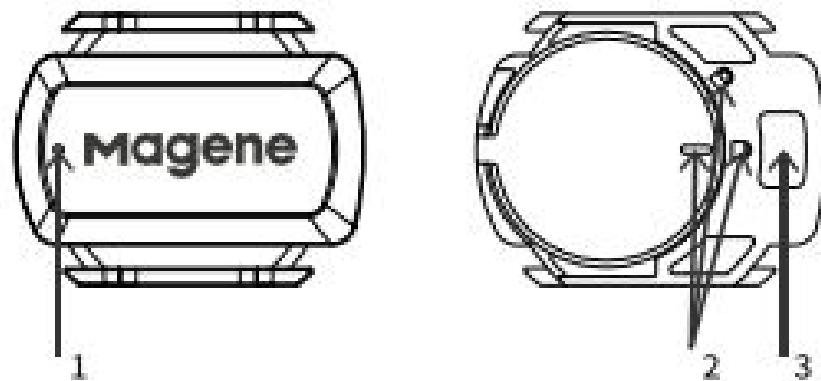


Magen Dual Mode Sensor Introduction

The product supports both Bluetooth, 4.0 and ANT+ protocols and can be used as both a speed sensor or a cadence sensor.

The sensor can be used by most smartphone apps and GPS Head units. Re-installing the battery will switch modes between cadence and speed sensor.

When the battery is installed, the green light flashes to indicate that it is in speed mode, or the red light flashes to indicate the sensor is in cadence mode.



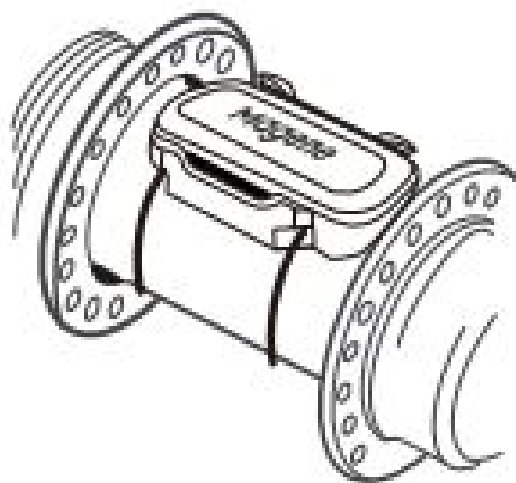
1. Red and green mode indicator light (visible only when battery is first installed)
2. Battery compartment locked / unlocked Indicator
3. Silicone gasket mounting position (cadence sensor mode)

Using the Sensor

* The new sensor comes with a battery insulation sheet that must be removed from the battery compartment before use.

Speed sensor mode

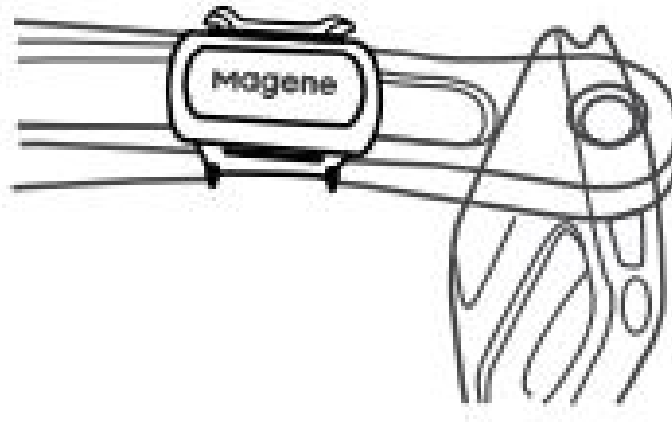
1. Reinstall the battery and the green light will illuminate to indicate that the sensor is in speed sensor mode.
2. Install the sensor on the front hub using a rubber ring.
3. Spin the wheel and search for the sensor using ANT+ or Bluetooth device.



Using the Sensor

Cadence sensor mode

1. Remove and re-install the battery and the red indicator lights up to indicate that the sensor is in cadence mode.
2. Install the flat allcone gasket on the bottom of the sensor and install the sensor on the inside of the left crank using a rubber ring.
3. Rotate the crank and search for the cadence sensor using an ANT+ or Bluetooth device.



Note: After installing the sensor, please make sure that the sensor and rubber ring do not rub against the shoes or bicycle during riding, so as to avoid damage or loss of the sensor during use.

Device Connection Instructions

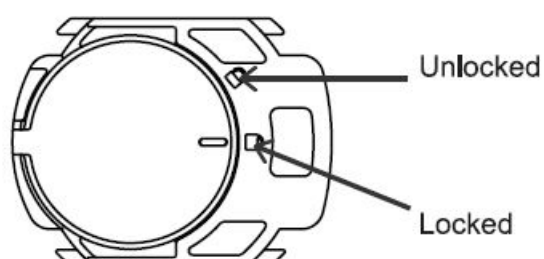
Indicator Light	Status
Flashing Green Light	Speed data is being broadcast over bluetooth.
Flashing Red Light	cadence data is being broadcast over bluetooth.
Alternately Flashing Red & Green	Device Battery Low

1. The sensor will only start sending Bluetooth and ANT+ broadcast after it is properly installed and powered-up. Then, you can use the corresponding device or APP to search and connect.
2. When using the Bluetooth protocol, you can only connect to one device or APP concurrently. Please disconnect the previous device or APP when you want to change it.
3. When using a smartphone app, you need to search for the sensor in the app, searching through the phone system's bluetooth settings is invalid.
4. After the sensor is in static, it will automatically enter the sleep state for 1 minute to save power.
5. Rotating the crank or spinning the wheel is the wake-up operation. It will make the sensor be found from the list of connectable sensors in 30 seconds. If the sensor doesn't be connected in 30 seconds, it will stop broadcasting and can't be found any more. You must stop rotating the crank or spinning the wheel for a couple of seconds and redo the wake-up operation.

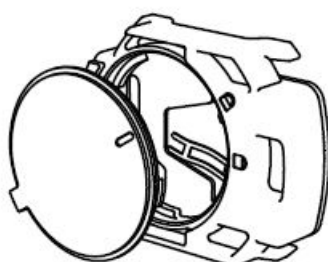
AcceallOriea.: Sensor,Silicone pads,Rubber band, CR2032 Battery	
Weight 9g	Battaryllfe: 500h
Temperature: -20°C-50°C	Water Proof: IP66
Protocol: Bluetooth 4.0&ANT+	Sensor Scale: 38.3"29.8"8.9mrn
Maximum Speed: 700c 110kmlh	

Actual battarylife depends on using environment.

Battery Replacement



1. Open the battery compartment by turning the position mark on the battery cover counterclockwise from the lock position to the unlocked position.
2. Place the new battery into the battery compartment and press the battery cover into position with the marker aligned with the unlocked indicator (as shown below). After the battery cover is fully pressed, turn the battery cover clockwise to align the indicator to the locked position.



FCC Statement

Any 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
2. This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

Documents / Resources

	Magene S304 Bike Speed and Cadence 2 In 1 Sensor [pdf] Instruction Manual S304, 2ALZG-S304, 2ALZGS304, S304 Bike Speed and Cadence 2 In 1 Sensor, S304, Bike Speed and Cadence 2 In 1 Sensor
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