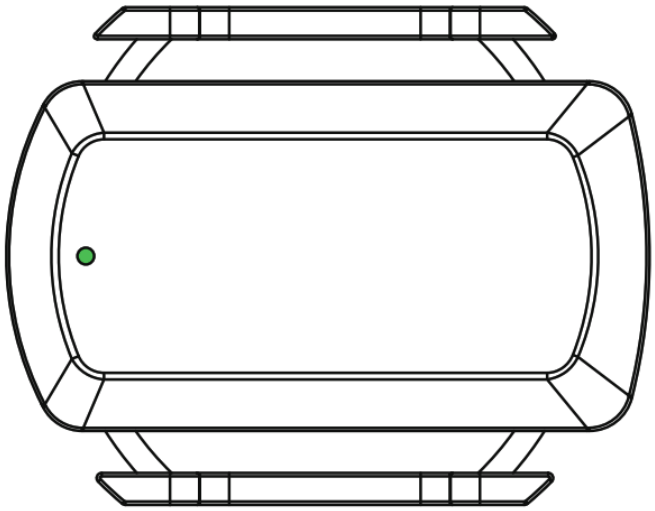
Magene S014 Onelap Trainer Cadence Sensor with Bluetooth Instruction Manual

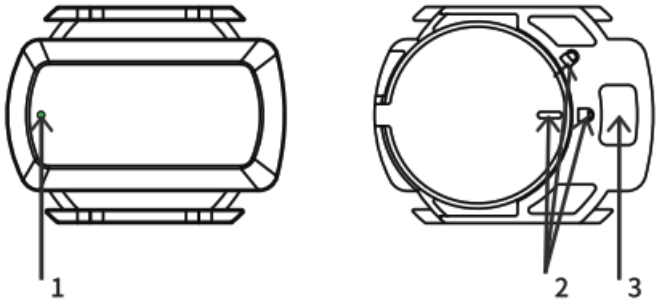
One lap
Trainer Cadence Sensor
FCC ID:2ALZG-S014



Contents

Trainer Cadence Sensor Introduction

The cadence sensor supports Bluetooth Low Energy 4.2 protocol, which can only be used when riding indoors. When the battery is installed, the red light flashes to indicate
the sensor is in cadence mode.



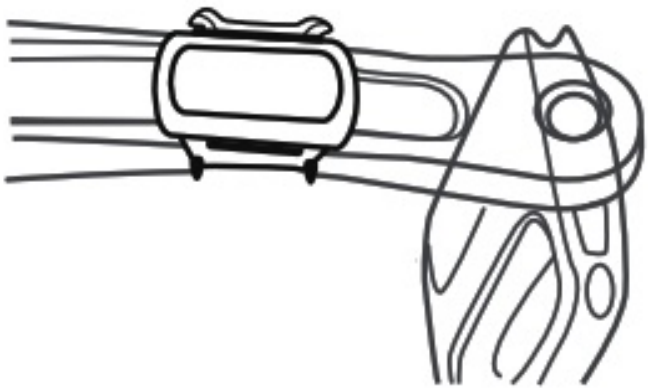
1. Red mode indicator light
2. Battery compartment locked/ unlocked indicator
3. Silicone gasket mounting position

Installing Trainer Cadence Sensor

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

Cadence sensor mode

1. Remove and reinstall the battery and the red indicator lights up to indicate that the sensor is in cadence mode.
2. Install the flat silicone 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 a Bluetooth device.



Note:

- Rotating the crank to wake up the sensor. The sensor will be found on the connected device list within the 60s after the wake-up. If it is not connected within the 60s, the sensor will stop sending Bluetooth broadcasts, which prevents it from being found by the software. If that happens, stop rotating the crank for 3s and then repeat the wake-up operation.
- 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.

Download One lap

One lap is an application specializing in indoor cycling training.
Diverse types of workouts satisfy your different fitness demands with a realistic outdoor cycling experience.

http://www.onelap.com

scan the QR code to join the game

Cycling with one lap(1)

When you ogin the One lap APP for the first time, you can connect it with the trainer pod according to the prompted instructions of the software, or follow the steps below.

1. Click on “Log In” to log in to the One lap APP
2. Choose the “Options” and then click on “Device” for SPIN BIKE
3. Select the “SPINNING BIKE” on the Pairing Screen
4. Find the corresponding Bluetooth ID click on it, and the connected device name will be displayed
5. Confirm your bike type: freewheel or fixed gear
6. Choose the “QUICK PLAY” and then click on “WORKOUTS”
7. Choose the “Metabolic Rate Enhance” and then cycle with One lap

Cycling with one lap(2)

Note:

- The sensor will only start sending Bluetooth broadcasts after it is properly installed and woken up. Then, you can use the corresponding device or APP to search and connect.
- 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.

- When using a smartphone app, you need to search for the pod in the app, searching through the phone system's Bluetooth settings is invalid.
- After the sensor is removed, it will automatically enter the sleep state for the 60s to save power.

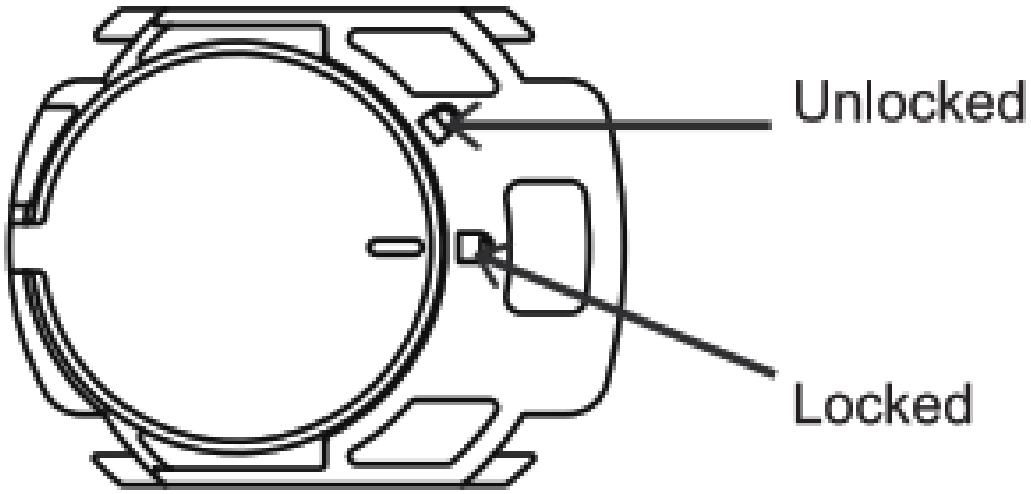
Trainer Cadence Sensor Specifications

Accessories: Sensor, Silicone pad, Rubberband, CR2032 Battery (installed)	
Cadence Range	30-180rpm
Weight	11g
Scale	43.29*33.06*11.90mm
Operating Temperature Range	-10 C -50 C
Water Resistance	IP66
Battery Type&Life	CR2032, 3V& 1 year at 1 hr./day
Wireless Frequency	BLE4.2 2400-2483.5MHz

• Actual battery life depends on the influence of temperature and 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.



FAQ

1. **Why is the sensor not discovered by other equipment when it's not been used for a long time?**
   A: In order to save battery energy, the sensor will go to sleep when it detects no data for 1 minute. Normal broadcasting will resume when the device is used
2. **Why doesn't the indicator light illuminate when reinstalling the battery?**
   A: It's possible the battery connector is covered with foreign contaminate or the spring is not pushed up.
   If the connector is clean and sprung up, replace the battery with a brand new battery.(battery model is CR2032-3V)
   If not solving the problem, please contact online technical support.
3. **Why can't the sensor be found by other equipment? You should check:**
   • Check the sensor is in the correct mode. Red: Cadence
   • Whether the software is compatible.
   • Whether there are any inductive magnets causing interference.
   If the battery is dead, replace it with a new one.
   • If not solving the problem, please contact online technical
   • support.
4. **Is there any delay in the data of the sensor?**
   A: The cadence sensor uses geomagnetic sensor measure ment data, abandoning the traditional magnet sensing scheme, the installation is more convenient, but there is a certain delay in calculating the data, but the main reason for data display delay is that the device uses an averaging algorithm to smooth the data.

FAQ

5. How many hours can the cadence sensor be used?
A: The battery life is about 12 months at 1 hr./day (there will be differences due to the influence of temperature and using environment). When it is not paired with the One lap APP, please do not install it, which will keep the sensor in the Bluetooth broadcast state and accelerate the power consumption.

Feel free to contact us if you have any questions or concerns:
Email:**sales@magene.cn**
Website:**www.magenefitness.com**
After-sales service:**support@magene.cn**

FCC statements:
This device complies with part 15 of the FCC rules.
Operation is subject to the following two conditions:
{I) this device may not cause harmful interference, and
(2)this device must accept any interference received, including interference that may cause undesired operation.
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.
Federal Communication Commission (FCC) Radiation Exposure Statement
When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.

Documents / Resources

	**Magene S014 Onelap Trainer Cadence Sensor with Bluetooth** [pdf] Instruction Manual S014, 2ALZG-S014, 2ALZGS014, S014 Onelap Trainer Cadence Sensor with Bluetooth, S014, Onelap Trainer Cadence Sensor with Bluetooth
	**Magene S014 Onelap Trainer Cadence Sensor** [pdf] User Manual S014 Onelap Trainer Cadence Sensor, S014, Onelap Trainer Cadence Sensor, Trainer Cadence Sensor, Cadence Sensor, Sensor