

**Bluetooth® Smart Speed/Cadence Sensor
Instruction Manual**

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WARNINGS:

- ⚠ This product is for recreational use only.
- ⚠ When riding always keep a watch out for other road users, both vehicular and pedestrian and always follow local traffic laws.
- ⚠ This device runs on electricity and incorrect battery usage may risk danger of explosion or electrocution.
- ⚠ Keep batteries away from minors and seek medical advice if swallowed.
- ⚠ This product is waterproof, but should not be submerged in water. If submersed, water may penetrate the unit and cause permanent damage to the electronics and risk harm to the user.
- ⚠ If the Battery Cover and/or O-ring are not correctly positioned and closed, water may penetrate the unit and cause permanent damage to the electronics and risk harm to the user.
- ⚠ If a battery leaks, dispose of carefully and seek medical advice if it contacts the skin.
- ⚠ Dispose of batteries safely according to local, regional, and national regulations.
- ⚠ Never expose the Speed/Cadence Sensor to elevated temperatures, such as, in a clothes dryer, oven, microwave or radiator.
- ⚠ Store the Speed/Cadence Sensor in a dry, ventilated area and avoid exposing it to extreme sunlight.
- ⚠ Operating temperatures are 5°C to 40°C (41°F to 104°F).
- ⚠ Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

LIMITED PRODUCT WARRANTY INFORMATION:

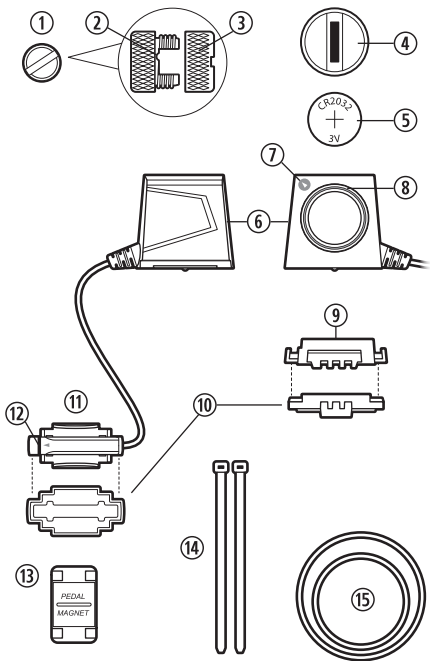
This Product comes with a ONE (1) YEAR Limited Warranty from the date of the retail purchase by the original end-user. If a material or workmanship defect arises and a valid claim is received within the Warranty Period, the Product will be replaced. BioLogic cannot be held liable for damages to personal property due to misuse or improper care and maintenance. This Product's warranty does not, under any circumstance, cover the replacement or cost of any electronic or personal property associated with use of the Product.

DISCLAIMER

BioLogic disclaims any and all liabilities arising from third party products or services, which use data generated by this device, as well as claimed compatibility and interoperability. BioLogic shall not be held liable for any fees, including data transfer fees, which may be due or related to use of this product.

List of Parts

- | | |
|-------------------------|--------------------------|
| 1. Spoke Magnet | 9. Positioning Shoe |
| 2. Round Spoke Trough | 10. Rubber Foot |
| 3. Tightening Nut | 11. Pedal Sensor |
| 4. Battery Cover | 12. Pedal Reference Line |
| 5. Battery (CR2032) | 13. Pedal Magnet |
| 6. Sensor Unit | 14. Zipties |
| 7. Spoke Reference Line | 15. Rubber Bands |
| 8. O-ring | |

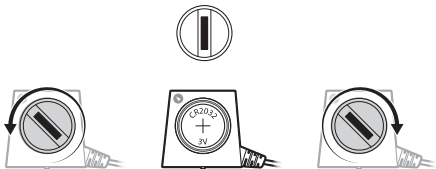


Battery

The Bluetooth Smart Speed/Cadence Sensor uses one CR 2032 battery.

First Use

The battery needs to be installed in the Sensor Unit before first use. To install the battery, please remove the Battery Cover by turning counter-clockwise with a coin and place the battery inside with the negative terminal facing down (i.e., the front of the battery should be visible through the Battery Cover Hole).



Before closing the Battery Cover, ensure that the O-ring is in good condition and in the correct position, then align the Battery Cover with the Battery Hole and seal shut by turning the Battery Cover clockwise using a coin.

If storing the unit for a prolonged period, please remove the battery.

Remember to re-pair the Speed/Cadence Sensor to your receiver(s) after every battery change.

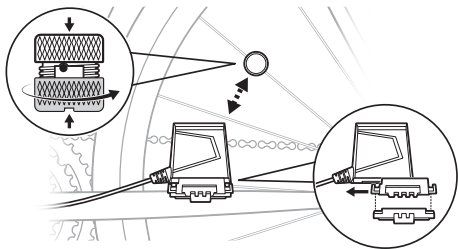
Installation

⚠ Incorrect installation of the Bluetooth Smart Speed/Cadence Sensor may interfere with the operation of the bicycle and cause the rider to fall and sustain severe injuries or death. If you are unsure of how to proceed with this installation, please have a professional bicycle technician install this product.

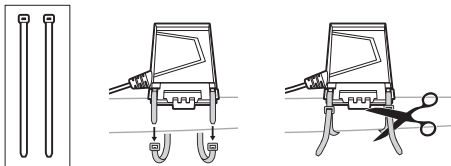
1. Loosen the Tightening Nut of the Spoke Magnet to attach the Spoke Magnet to a nearside spoke. Align the middle of the Spoke Magnet with the Spoke Reference Line and tighten using coin.

If using round spokes ensure the spoke is seated in the Spoke Trough, then tighten the Tightening Nut.

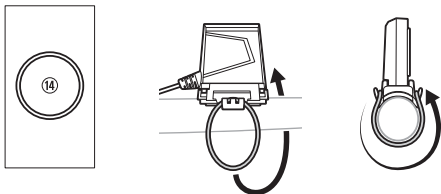
2. Before installation, ensure the Positioning Shoe is properly seated in the base of the Sensor Unit. Then place the Sensor Unit on the Left Chain Stay and rotate the Rear Wheel backward, moving the Sensor Unit so that the Spoke Reference Line aligns with the middle of the Spoke Magnet.



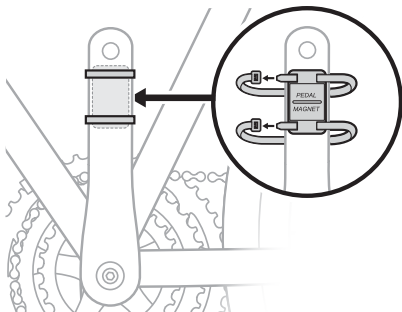
3. Thread the Zipties through the Ziptie holes of the Sensor Unit and individually feed the Zipties back through themselves. Recheck the alignment with the Pedal Magnet (Step 5) before pulling tight, then cut the excess.



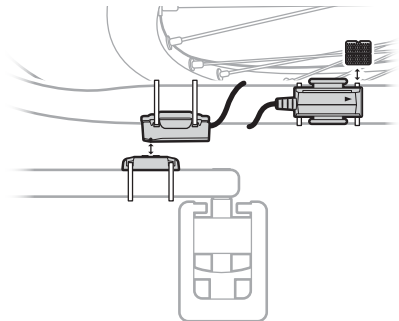
4. Alternatively, stretch and affix the Rubber Band around the Band Hooks of the Sensor Unit.



5. Place the Pedal Magnet on the inside of the left Crank and secure firmly using two Zip Ties.



6. Position the Pedal Sensor so that it is positioned between 3 and 5 mm (1/8") from the Pedal Magnet and then secure using Zip Ties. Bundle excess Wire and restrain against frame using a Zip Tie.



⚠ If not secured well, Wire may work loose and become entangled with the Spokes causing the rider to fall and sustain injury or death.

7. Check that both the Crank and Spoke Magnets are positioned between 3 and 5 mm (1/8") from their respective Reference Lines.

⚠ Ensure all parts of the Bluetooth Smart Speed/Cadence Sensor are installed firmly and do not interfere with operation of the bicycle.

Pairing the Sensor

▲ The Sensor Unit will turn on automatically when movement in the wheel or crank is detected, rotate either to begin use.

The Bluetooth Smart Speed/Cadence Sensor is compatible with all Bluetooth (4.0) Smart receivers, but must first be paired to your receiver to use. Please consult the instruction manual for your receiver to learn how to pair it to the Bluetooth Smart Speed/Cadence Sensor.

If the speed or cadence is not received by your receiver, ensure the Crank and Spoke Magnets are properly aligned and pass closely enough to their respective Reference Lines.

The maximum transmission range is 200 cm (80"). Ensure your receiver is positioned within this distance and that there are no obstructions blocking the Bluetooth signal. If your receiver cannot pair with the sensor, check that the batteries are correctly installed and not exhausted.

▲ When pairing the Bluetooth Smart Speed/Cadence Sensor with your receiver, please ensure other Bluetooth Smart devices are not within reception range to prevent possible cross-pairing.

Technical Specs

Battery type: CR 2032

Battery life: Approximately 700 hours of use

Operating temperature: 5°C to 40°C (41°F to 104°F)

Made in China

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Trademarks Notice

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[The crossed out wheeled bin marking shows that this product is in the scope of the WEEE directive so should be disposed of separately in EU countries.]

USA

FCC regulatory information: 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.

Note: 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:

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