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The Polar Speed Sensor W.I.N.D. is designed to measure speed and distance when cycling. No other use is intended or implied.

Please follow the pictures on the front cover.

Product Elements

1. Polar Bike Mount and Cycling Computer (picture 1 A)
2. Polar Speed Sensor, rubber part and spoke magnet (picture 1 B)

Installing the Polar Bike Mount and Cycling Computer

You can install the bike mount and the cycling computer on the left or right side of the handlebar or on the stem.

1. Place the rubber part on the handlebar or stem and insert the bike mount on top of it (picture 2).
2. Pass the cable ties over the bike mount and adjust them around the handlebar/stem. Secure the bike mount firmly. Cut off any excess cable tie ends (picture 2).
3. Position the cycling computer on to the bike mount. Turn the cycling computer clockwise until you hear a click. You can release the cycling computer by pressing it down and simultaneously turning it counter clockwise.

Installing the Polar Speed Sensor

To install the speed sensor and spoke magnet, you will need cutters and a cross-head screwdriver.

1. It is recommended to install the speed sensor on the front fork (as in picture 1) of your bicycle. Do not install the speed sensor on the seat stay if the (optional) power sensor is mounted.

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2. Attach the rubber part to the speed sensor (picture 3).
3. Pass the cable ties over the speed sensor and rubber part (picture 4). Adjust the sensor to the front fork so that the POLAR logo faces outwards. Adjust the ties loosely. Do not tighten them fully yet.
4. Attach the magnet to a spoke at the same level as the speed sensor. There is a small caved dot at the backside of the sensor, which indicates the spot the magnet should be pointing at when passing the sensor. Fasten the magnet to the spoke and tighten it loosely with a screwdriver. Do not tighten it fully yet.

Fine-tune the positioning of both the magnet and the speed sensor so that the magnet passes close to the sensor but does not touch it. Move the sensor towards the wheel/spokes as close as possible. The gap between the sensor and the magnet should be under 4 mm/0.16". The gap is correct when you can fit a cable tie between the magnet and the sensor.

Rotate the front tire to test the speed sensor. The flashing red light on the sensor indicates that the magnet and the sensor are positioned correctly. Once the magnet and the speed sensor are positioned correctly, tighten the screw to the magnet with a screwdriver. Also tighten the cable ties securely and cut off any excess cable tie ends.

Before you start cycling, set the wheel size of your bicycle into the cycling computer.

Speed Sensor Teaching

The cycling computer has to be coded to the Speed Sensor i.e. taught to receive speed and distance data. This enables exercising in a group without interference from other sensors.

The cycling computer and sensor that come with the product set have already been synchronized but teaching is necessary when you start using a new sensor or if you use other bike settings than Bike 1.

Install the speed sensor to your bike as advised. Before you start teaching, make sure that there are no other speed sensors or cycling computers nearby (40 m / 130 ft). The procedure only takes a few seconds. You can teach one sensor for each bike.

Select **Settings** > **Bike** > **Bike 1/2/3** > **Speed**.

Select On/Off and On to turn the speed on. Press OK. **Teach new sensor?** is displayed.

- Select YES to confirm teaching. Rotate the wheel a few times to activate the sensor. The flashing red light indicates that the sensor is activated. **Completed** is displayed once the teaching process is over. The cycling computer is now ready to receive speed and distance data.
- Select NO to cancel the teaching. The teaching is cancelled and the cycling computer resumes contact with the previous sensor.

To return to Time mode, press and hold the BACK button.

Care and Maintenance

Keep the speed sensor clean. Clean it with a mild soap and water solution and rinse off with clean water. Dry it carefully with a soft towel. Never use alcohol or any abrasive material such as steel wool or cleaning chemicals. Do not immerse the speed sensor in water.

Your safety is important to us. Make sure that you can turn your handlebars normally and that the cable wires for brakes or gears do not catch the bike mount or the sensor. Also, make sure that the sensor does not disturb pedaling or using the brakes or gears. While riding your bike, keep your eyes on the road to prevent possible accidents and injury. Avoid hard hits as these may damage the sensor.

Speed Sensor Battery

Contact your authorized Polar Service Center for a replacement of speed sensor. Polar recycles used sensors. For more information on local after sales services, consult the Polar Customer Service Card.

Frequently Asked Questions

What should I do if...

...the speed reading is 0.0 or there is no speed reading while cycling?

- Start searching for the data again by pressing and holding the LIGHT button and selecting **Seek sensor**.
- Make sure the position and distance of the sensor to the magnet are appropriate.
- Check that you have activated the speed function in the cycling computer. For further information, see Speed Sensor Teaching.

- If the 0.0 reading appears irregularly, this may be due to temporary electromagnetic interference in your current surroundings.
- If the 0.0 reading is constant, you may have exceeded 3000 riding hours and the battery is empty.

...**Check speed** is displayed?

- Make sure your speed sensor is positioned correctly. Rotate the wheel a few times to activate the sensor. The flashing red light indicates that the sensor is activated. Also the battery of your speed sensor may be empty. For further information, see Care and Maintenance.

...**Sensor not found** and **Try again?** are displayed?

- Press OK to start seeking.

...there are irregular speed, distance or heart rate readings?

- Electromagnetic interference, as well as interference from other wireless cycling computers, may affect readings of speed, distance and heart rate.
- Disturbances may occur near high voltage power lines, traffic lights, overhead lines of electric railways, electric bus lines or trams, WLAN base stations, car motors, bike computers, some motor driven exercise equipment, cellular phones, or when walking through electric security gates.

Technical Specification

Operating temperature:	-10 °C to +50 °C / +14 °F to +122 °F
Battery life:	Average 3000 riding hours
Accuracy:	±1 %
Material:	Thermoplastic polymer
Water resistance:	Splash proof

Limited Polar International Guarantee

- This limited Polar international guarantee is issued by Polar Electro Inc. for consumers who have purchased this product in the USA or Canada. This limited Polar international guarantee is issued by Polar Electro Oy for consumers who have purchased this product in other countries.
- Polar Electro Inc./Polar Electro Oy guarantees to the original consumer/purchaser of this product that the product will be free from defects in material or workmanship for two years from the date of purchase.
- **Please keep the receipt, which is your proof of purchase!**
- The guarantee does not cover the battery, damage due to misuse, abuse, accidents or non-compliance with the precautions, improper maintenance, commercial use, and cracked or broken cases.
- The guarantee does not cover any damage/s, losses, costs or expenses, direct, indirect or incidental, consequential or special, arising out of, or related to the product. During the guarantee period the product will be either repaired or replaced at an authorized service center free of charge.
- This guarantee does not affect the consumer's statutory rights under applicable national or state laws in force, or the consumer's rights against the dealer arising from their sales/purchase contract.



This product is compliant with Directive 93/42/EEC. The relevant Declaration of Conformity is available at www.support.polar.fi/declaration_of_conformity.



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