

POLAR s3+ STRIDE SENSOR

User Manual

POLAR[®]
LISTENS TO YOUR BODY

1.



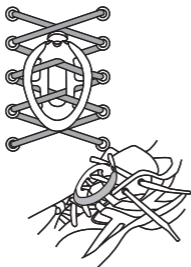
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ENGLISH

Congratulations! The Polar s3+ stride sensor™ W.I.N.D. is the best choice for improving your running technique and efficiency. Using sensitive inertial sensors to track the position of the foot it gives accurate and highly responsive speed, distance, leg cadence and stride length measurements.

The latest version of this user manual can be downloaded at www.polar.com/support.

For video tutorials, go to www.polar.com/en/polar_community/videos.

Please follow the pictures on the front cover.

Install Stride Sensor Battery

Before using the s3+ stride sensor for the first time, insert the battery (included in the product package).

1. Open the battery cover by turning it counterclockwise to OPEN using a coin (see picture 1).
2. Place the battery inside the cover with the positive (+) side facing the cover (see picture 2). Make sure the sealing ring is in the groove to ensure water resistance.

3. Place the cover with the battery inside it into the sensor.
4. Press the cover in place and close it by turning clockwise from OPEN to CLOSE using a coin (see picture 3).

Teach a New Stride Sensor to Your Training Computer

Your new s3+ stride sensor must be introduced to your Polar training computer in order to analyze your running technique and efficiency. This is called teaching. For further information, refer to the training computer user manual or go to www.polar.com/support.



The s3+ stride sensor can be positioned either on the shoelaces or in the sole cavity of a specific running shoe.

Attach Stride Sensor on Shoelaces

1. Undo your shoelaces and place the holder on top of the tongue of the shoe (see picture 4). Make sure the holder flap is facing upwards.
2. Thread the laces in through the holes on the sides of the holder and out through the hole on the bottom of the holder (see picture 4). Thread the laces through the small flap on the tongue of the shoe to ensure the holder does not move while running.

3. Tighten the laces.
4. Fit the front part of the sensor into the holder and press from the rear (see picture 5). Fasten the flap.
5. Make sure the sensor does not move and is aligned with your foot. The more secure the sensor, the more accurately speed and distance is measured.

Calibrate the s3+ Stride Sensor

Calibration of the stride sensor improves the accuracy of speed, pace and distance measurements. It is recommended that you calibrate the stride sensor before using it for the first time, if there are significant changes in your running style, or if the position of the stride sensor on the shoe is dramatically changed (e.g. if you have new shoes or if you switch the sensor from your right shoe to your left one). You can calibrate the stride sensor by running a known accurate distance, or by setting the calibration factor manually. The calibration should be done at the speed you normally run. If you run at different speeds, the calibration should be done at your average speed.

Calibrate stride sensor during training

(on-the-fly calibration): You can calibrate the stride sensor at any phase of your training session with actual distance correction, when you have run a known distance, preferably more than 1000 meters, calibrate the stride sensor as instructed in the user manual for the Polar product in question.

Set calibration factor manually:

The calibration factor is calculated as a ratio of the actual distance to the uncalibrated distance. For instance if you run 1200 m and the Polar product shows a distance of 1180 m with calibration factor 1.000. Calculate the new factor as follows: $1.000 * 1200 / 1180 = 1.017$. The measuring range for the factor is 0.500-1.500.


Service

During the two-year guarantee/warranty period, we recommend that you service the product at an authorized Polar Service Center only. The warranty does not cover damage or consequential damage caused by service not authorized by Polar Electro.

Changing batteries: To change the batteries of the stride sensor yourself, follow the given instructions. To ensure the maximum lifespan of the battery cover, open it only when changing the battery. When changing the battery, make sure the sealing ring is not damaged. Battery

kits with sealing rings are available at well-equipped Polar retailers and authorized Polar Service Centers. In the USA and Canada, sealing rings are available at authorized Polar Service Centers only.

If you would prefer Polar to replace the battery, contact an authorized Polar Service Center. The Service will test the stride sensor after replacing the battery.

 *Keep batteries away from children. If swallowed, contact a doctor immediately. Batteries should be properly disposed of according to local regulations.*

Care and Maintenance

Your safety is important to us. The shape of the stride sensor is designed to minimize the possibility of getting caught in something. In any case, be careful when running with the stride sensor in brushwood, for example.

The stride sensor is water resistant and can be safely worn in the rain. Do not immerse the stride sensor in water as it is not intended for underwater activities. Do not expose to direct sunlight for extended periods.

Keep your stride sensor in a cool and dry place. Do not keep in a damp environment, in non-breathable material (a plastic bag or a sports bag) nor with conductive material (a wet towel).

Technical Specifications

Battery life:	Average 200 hours of use
Battery type:	CR2430
Battery sealing ring:	O-Ring 25.0 x 1.2, material silicone
Operating temperature:	-10 °C to +50 °C / 14 °F to 122 °F
Accuracy:	±3 % or better once calibrated, definition applies to stable conditions

Limited International Polar Guarantee

- 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 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 Oy/Polar Electro Inc. guarantees the original consumer/purchaser of this device that the product will be free from defects in material or workmanship for two (2) years from the date of purchase.
- **The receipt of the original purchase is your proof of purchase!**
- The guarantee does not cover the battery, normal wear and tear, damage due to misuse, abuse, accidents or non-compliance with the precautions; improper maintenance, commercial use, cracked, broken or scratched cases/displays, elastic strap and Polar apparel.
- 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.

- Items purchased second hand are not covered by the two (2) year warranty, unless otherwise stipulated by local law.
- During the guarantee period, the product will be either repaired or replaced at any of the authorized Polar Service Centers regardless of the country of purchase.

Guarantee with respect to any product will be limited to countries where the product has been initially marketed.

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Polar Electro Oy is an ISO 9001:2008 certified company.



This product is compliant with Directives 93/42/EEC, 1999/5/EC and 2011/65/EU. The relevant Declaration of Conformity is available at www.polar.com/support.

Compliance Statement

Canada

Polar Electro Oy has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment.

Polar Electro Oy n'a approuvé aucune modification apportée à l'appareil par l'utilisateur, quelle qu'en soit la nature. Tout changement ou toute modification peuvent annuler le droit d'utilisation de l'appareil par l'utilisateur.

Industry Canada (IC) regulatory information

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Avis de conformité à la réglementation d'Industrie Canada

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Class B digital device notice

This Class B digital apparatus complies with Canadian ICES-003, RSS-Gen and RSS-210.

Cet appareil numérique de la classe B est conforme à la norme NMB-003, CNR-Gen et CNR-210 du Canada.

USA

Polar Electro Oy has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment.

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.

This product emits radio frequency energy, but the radiated output power of this device is far below the FCC radio frequency exposure limits. This equipment complies with FCC RF radiation exposure limits for an uncontrolled environment. Nevertheless, the device should be used in such a manner that the potential for human contact with the antenna during normal operation is minimized.



This crossed out wheeled bin marking shows that Polar products are electronic devices and are in the scope of Directive 2002/96/EC of the European Parliament and of the Council on waste electrical and electronic equipment (WEEE) and batteries and accumulators used in products are in the scope of Directive 2006/66/EC of the European Parliament and of the Council of 6 September 2006 on batteries and accumulators and waste batteries and accumulators. These products and batteries/accumulators inside Polar products should thus be disposed of separately in EU countries.

Disclaimer

- The material in this manual is for informational purposes only. The products it describes are subject to change without prior notice, due to the manufacturer's continuous development program.
- Polar Electro Inc. / Polar Electro Oy makes no representations or warranties with respect to this manual or with respect to the products described herein.
- Polar Electro Inc. / Polar Electro Oy shall not be liable for any damages, losses, costs or expenses, direct, indirect or incidental, consequential or special, arising out of, or related to the use of this material or the products described herein.

Manufactured by

Polar Electro Oy
Professorintie 5
FIN-90440 KEMPELE
Tel +358 8 5202 100
Fax +358 8 5202 300
www.polar.com

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