

POLAR EQUINE ELECTRODE BASE

Getting Started Guide

POLAR[®]
LISTENS TO YOUR BODY

1. INTRODUCTION

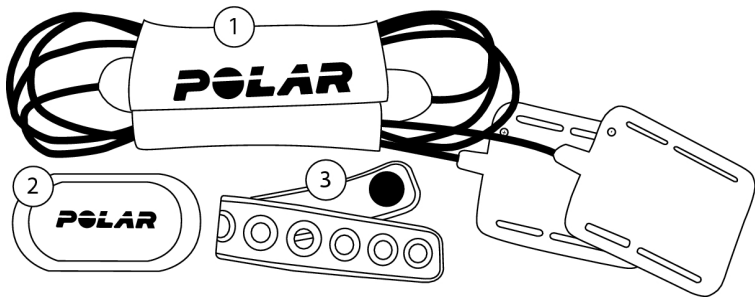
The Equine heart rate sensor electrode base set with plastic electrodes is the new generation of heart rate sensors for horses. The system features plastic sensors made from conductive material which adapt perfectly to the movements of a galloping horse. These sensors include an absorbent cushion to ensure permanent contact with the horse's skin and maximum accuracy.



User manual in German, French, Italian, Spanish, Finnish and Swedish can be downloaded at www.polar.com/support.

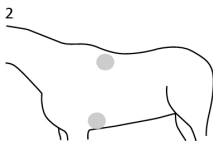
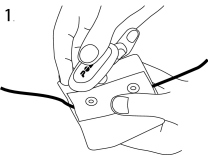
For video tutorials, go to http://www.polar.com/en/polar_community/videos.

2. PRODUCT PARTS



1. **Equine Electrode Base** detects the electrical signal of every heart beat. It has a pocket for the heart rate sensor and two electrodes. The positive electrode is marked with a plus sign and the negative electrode is marked with a minus sign.
2. **Heart rate sensor** (included in set #93046680) measures the horse's heart rate in real time and sends this information continuously and wirelessly to the training computer.
3. Two **plastic straps** for attaching the electrode base.

3. ATTACHING THE ELECTRODE BASE



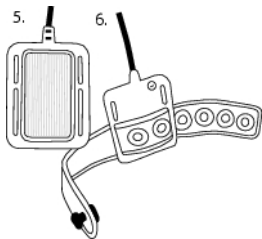
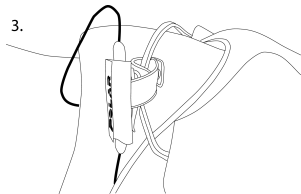
1. Attach the heart rate sensor to the pocket of the electrode base. Close the pocket firmly.
2. The heart rate sensor picks up very small electrical impulses emitted by the heart. For the heart rate sensor to read the heart rate properly, ensure a good contact between the electrode pads and the horse's skin. Wet the electrode pads and the horse's hair properly from the areas where the electrode pads are placed (see the figure). If your horse has long or thick hair, you can clip those areas. This greatly improves the heart rate signal quality.



To optimize the contact between the horse's skin and the electrode pads, you can use contact gel on the electrode pads. It ensures a better detection of the horse's heart rate.

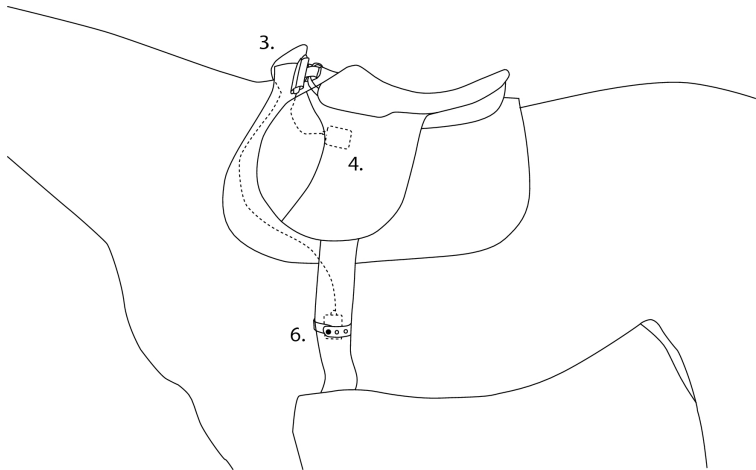
See the images on this and the following page.

3. Attach the pocket to the saddle with one of the plastic straps (3).
4. Place the positive electrode pad (short cable) under the saddle (4) on the left side of the horse. Ensure that the electrode side of the pad is against the horse's skin (5). The rider's weight will keep the electrode in place.
5. Attach the negative electrode pad (long cable) under the girth using a plastic strap (6) and tighten the girth. If needed, you can place a wet sponge between the negative electrode pad and girth to ensure good contact with the skin.



For video tutorial, go to http://www.polar.com/en/polar_community/videos.

See the training computer's user manual for instructions on displaying the horse's heart rate and recording a training session. The user manual can be downloaded at www.polar.com/support.



4. IMPORTANT INFORMATION

Care and Maintenance

Follow the caring instructions to ensure reliable measurement and to maximize the life span of the electrode base and the heart rate sensor. The following instructions will help you fulfill the guarantee obligations.

Heart rate sensor: Detach the heart rate sensor from the belt after every use and dry it with a soft towel. Clean the heart rate sensor with a mild soap and water solution when needed. Never use alcohol or any abrasive material (e.g. steel wool or cleaning chemicals).

Electrode base: Rinse the electrode base under running water after every use and hang to dry. Clean the electrode pads gently with a mild soap and water solution when needed. Do not use moisturizing soaps, because they can leave residue on the electrodes. Do not soak, iron, dry clean or bleach the electrode base. Do not stretch or bend the electrode areas sharply.

Dry and store the electrode base and the heart rate sensor separately to maximize the heart rate sensor battery lifetime. Keep the heart rate sensor in a cool and dry place. To prevent snap oxidation, do not store the heart rate sensor wet in non-breathing material, such as a sports bag. Do not expose the heart rate sensor to direct sunlight for extended periods.

Service

During the 12-month guarantee/warranty period we recommend that you have service, other than battery replacement, done by an authorized Polar Service Center only. The warranty does not cover damage or consequential damage caused by service not authorized by Polar Electro. For contact information and all Polar Service Center addresses, visit www.polar.com/support and country specific websites.

Guarantee

Limited International Polar Guarantee for Equine Products

- Polar Equine products are developed and manufactured for the usage in equine sports. Each product endures rigorous testing before it leaves the factory.
 - This guarantee does not affect the customer's statutory rights under applicable national or state laws in force, or the customer's rights against the dealer arising from their sales/purchase contract.
 - This limited Polar international guarantee is issued by Polar Electro Inc. for customers who have purchased this product in the USA or Canada. This limited Polar international guarantee is issued by Polar Electro Oy for customers who have purchased this product in other countries.
 - Polar Electro Oy/Polar Electro Inc. guarantees the original customer/purchaser of this device that the product will be free from defects in material or workmanship for twelve (12) months 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, cracked, broken or scratched cases/displays, modified or altered products or their parts and electrode belt and strap of sensors.
 - 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 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.

Regulatory information 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 forth 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.



This marking shows that the product is protected against electric shocks.

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Disclaimer

Please note that these guarantee terms shall be applied to Polar Equine products instead of any other Polar Electro guarantee term, even if other terms may appear in some product documentation.

Manufactured by

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