

FCC / IC Statement

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.

WARNING Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio / TV technician for help.

Technical Specifications

Battery type: CR 2032 x 1 (included)

Battery sealing ring: O-ring

Battery life: 250 hours of use (assuming 1 hour per day)

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

Transmitter housing material: ABS

Strap material: 35% Polyester, 35% Polyamide, 30% Polyurethane

Heart rate zone: 30 - 240 BPM

Limited Warranty

Your Smart Heart Sensor is supported by a limited warranty that covers defects in materials and/or workmanship for 1 year from original purchase date. This warranty does not apply to any product which may have been abused, neglected, modified or used for a purpose other than the intended manufactured purpose. The warranty is valid only for the original owner who purchases the unit from an authorized dealer. Warranty protection is not valid for products transferred. Tigra Sport reserves the right to replace any out-of-stock or discontinued product with a comparable product. This warranty does not imply any acceptance by Tigra Sport, its retailers or agents for consequential loss or damage and specifically excludes fair wear and tear, accident, misuse or any unauthorized modification. Any content or items are NOT covered by the limited manufacturer's warranty. Except as or provided herein, the manufacturer accepts no liability or responsibility to a customer or any other person or entity with respect to any liability, loss or damage caused directly or indirectly by use or performance of the product or arising out of any breach of this warranty, including, but not limited to, any damages resulting in inconvenience, loss of time, data, property, or profit or any indirect, special, incidental, or consequential damages, even if the manufacturer has been advised of the possibility of such damages.

Please retain all original packaging materials for possible future use. It is suggested that you keep purchase information in a safe place for future reference. In the event of a product defect during the warranty period, return of the product and your sales receipt as proof of purchase date for your unit is required and shall, at the discretion of the manufacturer, result in:

(a) correction of the defect by repair without charge for parts and labor; (b) replacement with the same or similar design; or (c) refund for the purchase price. If purchased directly from Tigra Sport and returned within 30 days of purchase. All replaced parts and products, on which a refund may be made, become the property of the manufacturer. New or reconditioned parts/products should be warranted for the remainder of the original warranty period.

• The warranty does not cover:

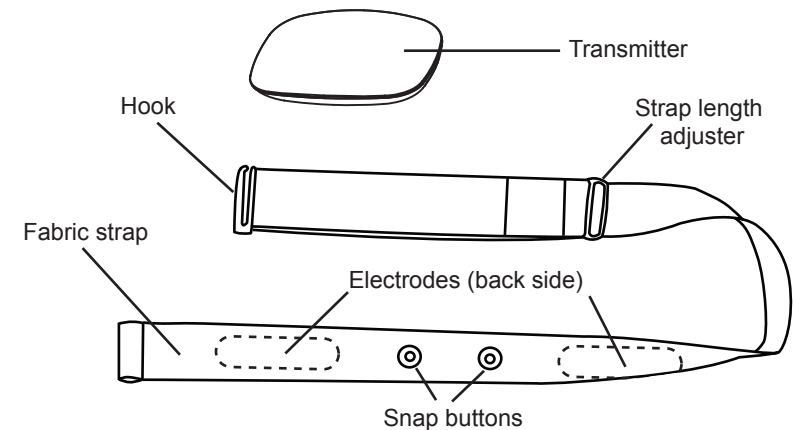
- (a) damage or failure caused by or attributed to acts of God, abuse, accident, misuse, improper installation or improper maintenance, alteration, lightning or excessive voltage or current;
- (b) any repairs other than those provided by an authorized Tigra Sport service facility;
- (c) consumables;
- (d) cosmetic damage;
- (e) transportation, shipping or insurance costs;
- (f) costs of product removal, installation, set-up, service adjustment or re-installation.

- Customers are responsible for any shipping costs related to product return, repair and/or refund.
- Warranty terms may be revised without notification at the discretion of the manufacturer.

SMART HEART SENSOR



User Manual



Delivery Contents

A. Before Starting

1. Read the following instructions carefully.
2. Check and ensure the delivery contents are all in place.
3. Open the battery door of the transmitter, remove the battery stopper, ensure the battery is properly installed with the +ve sign facing up, and close the battery door.

B. Wearing the Chest Strap

1. Wet the electrodes of the fabric strap under running water and make sure that they are well moistened.
2. Align the transmitter unit with the snap buttons on the fabric strap. Secure by snapping into place.
3. Position the transmitter below your chest while making sure the logo is in a central, upright position. Tie the strap around your chest, just below the chest muscles.
4. Attach the hook to the other end of the strap.
5. To ensure an accurate heart rate signal, adjust the strap until the belt sits snugly below your pectoral muscles. Check that the wet electrode areas are firmly against your skin. If necessary, adjust the length of the strap and repeat steps 3. to 5.

IMPORTANT

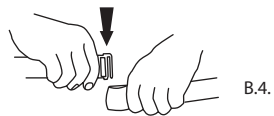
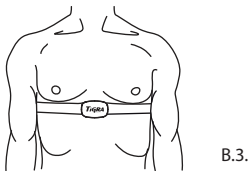
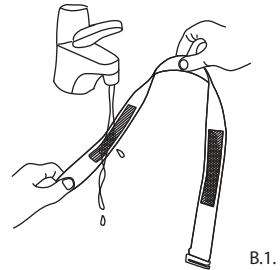
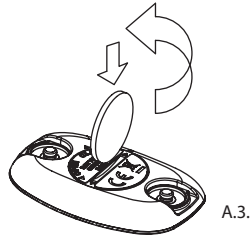
- *The position of the chest belt affects its performance.*
- *Avoid areas with dense chest hair.*
- *In dry, cold climates, it may take several minutes for the chest belt to function steadily. This is normal and should improve with several minutes of exercise.*
- *Detach the connector from the strap and rinse the strap under running water after every use.*

C. Getting Started

1. When using the Smart Heart Sensor for the first time, you need to pair the transmitter with your receiving device. The Smart Heart Sensor is equipped with the latest low energy Bluetooth 4.0 Sports System to achieve reliable transmission linkage with receiving devices that also support the Bluetooth 4.0 standard.
2. Place the transmitter with the receiving device as close as you can to help achieve pairing.
3. For information on how to use the receiving device and its application to pair with a Bluetooth 4.0 heart rate sensor, please consult separate user instructions supplied by the device/application manufacturer.
4. To ensure sufficient transmission range from your Smart Heart Sensor to the receiving device, keep the receiving device as close as possible to the transmitter. A good place for placing the receiving device is in a pocket, fixed on the belt or in a small bag on the side. Do not put the receiving device on your back (for example, in a back pocket or back pack).

IMPORTANT

- *While pairing, make sure to stay away from other sensors and/or devices, and move the device to pair as close to the Smart Heart Sensor as possible.*
- *Pairing is only considered successful when the heart rate signal is displayed on the screen of your device.*



D. Troubleshooting

In the event that you experience a weak signal or your signal is disrupted by interference in the environment, follow the instructions below to identify and resolve the situation.

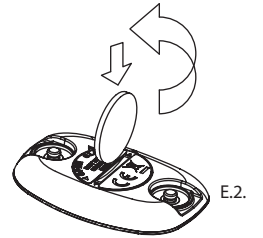
1. The signal is weak - the device may show a weak signal strength or only show "0" in heart rate reading:
 - Shorten the distance between the heart rate chest belt and device.
 - Re-adjust the position of the heart rate chest belt.
 - Check the conductive pads are moist enough to ensure solid contact.
 - Check the batteries. If they are low or exhausted, the transmission range may be shortened.
 - Force a signal search on the device.
2. The gym equipment does not seem to work with your chest belt.
 - Most gym equipment is compatible with analog transmission. This chest belt does not transmit an analog signal, it only uses the low energy Bluetooth 4.0 technology. Check and ensure the gym equipment supports Bluetooth 4.0.
3. Signal is jammed or there is interference from another person's heart rate monitor:
 - Your receiving device may have been wrongly paired to another person's heart rate sensor, or there is too much interference in the environment for your heart rate monitor to function. Move to an area where the device can register your heart rate reading and/or force another signal search. If necessary, perform pairing again.

IMPORTANT

Signal interference in the environment can be caused by electromagnetic disturbances. These may occur near high voltage power lines, traffic lights, overhead lines of electric railways, electric bus lines or trams, televisions, car motors, computers, some motor driven exercise equipment, cellular phones or when you walk through electric security gates. Under interference, the heart rate reading may become unstable and inaccurate.

E. Replacing Batteries

1. Detach the transmitter unit from the fabric strap.
2. Use a coin to open the battery compartment lid by turning it anticlockwise to open.
3. Remove the old battery and insert a new CR2032, 3V lithium battery. Make sure to place the battery in the compartment with the +ve sign facing up.
4. Make sure the sealing ring is in the groove to ensure water resistance.
5. Secure the lid by turning the coin clockwise.



IMPORTANT

- *Batteries must be replaced promptly as it may affect the accuracy of the readings.*
- *To ensure long life, open the cover only when changing the battery.*
- *Always replace a damaged sealing ring with a new one.*

F. Care and Maintenance

1. Detach the transmitter from the strap and rinse the strap under running water after every use.
2. Clean the transmitter with a soft wet towel. Never use alcohol or any abrasive material (steel, wool or cleaning chemicals).
3. Wash the strap regularly by hand at +40°C/104°F at least once after every fifth use. This ensures reliable measurement and maximizes the life span of the strap.
4. Do not soak. Do not dry-clean or bleach the strap. Do not tumble dry. Do not wring dry. Dry flat, hang dry or drip dry. Do not stretch wet apparel unnecessarily. Ironing and pressing with heat are also forbidden.
5. Do not store the Smart Heart Sensor in a hot (50°C or above) and humid (relative humidity 90% or above) environment.
6. Do not bend or stretch the conductive rubber of the electrodes, or place them face down on a metal table or surface.
7. Do not expose the Smart Heart Sensor to direct sunlight for extended periods.
8. Remove the batteries whenever you are planning to store the product for a long period of time.
9. When replacing batteries, use new batteries as specified in this user manual.
10. The product is a precision instrument. Never attempt to take this device apart. Contact the retailer or our customer service department if the product requires servicing.
11. When disposing of this product, ensure it is collected separately for special treatment and not as normal household waste.

IMPORTANT

- *The Smart Heart Sensor is water-resistant but does not measure heart rate in water. It is not recommended to use for swimming.*
- *Remember to detach the transmitter from the fabric strap before washing the latter.*
- *Ensure the battery compartment is secured and intact before exposing the transmitter to excessive water.*