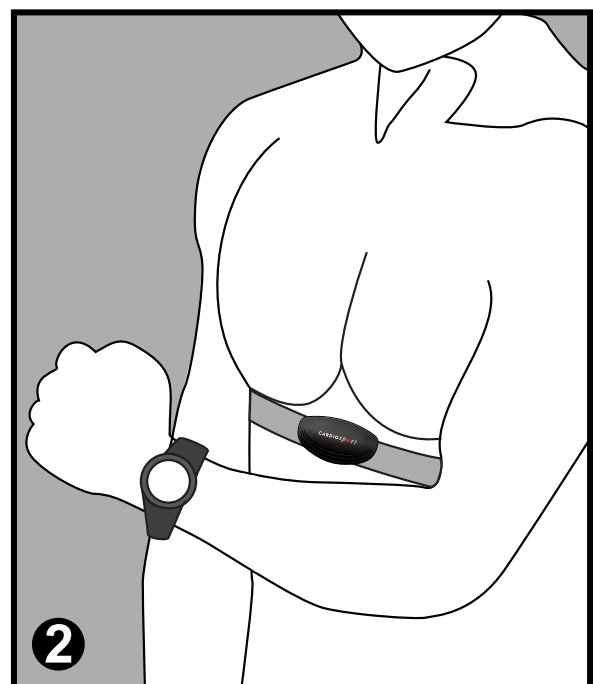
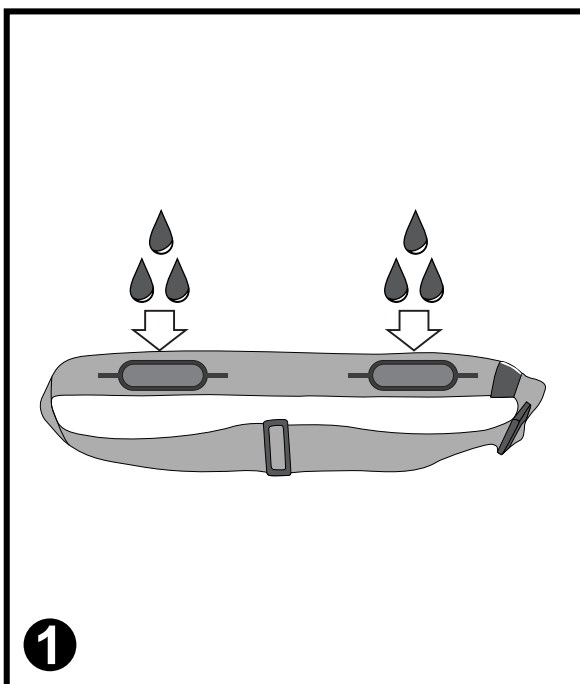


**CAUTION**  
**RISK OF EXPLOSION IF BATTERY IS REPLACED**  
**BY AN IN CORRECT TYPE.**  
**DISPOSE OF USED BATTERIES ACCORDING**  
**TO THE INSTRUCTIONS**

## **PUTTING ON THE TRANSMITTER**

- Attach one end of the adjustable elastic strap to the transmitter
- Moisten the rubber electrodes of the belt with either water or saliva as shown
- Position the transmitter on the chest just below the breastbone,  
with the Cardiosport logo the right way up.
- Pass the elastic strap around your chest and attach to the other end of the transmitter.
- Adjust the strap to give a close but comfortable fit.





# CARDIOSport®

## TP3 ANT+ Heart Rate Transmitter Datasheet



### Special Features

- **ANT+ interoperable wireless technology**
- **Ultra lightweight Pod under half an ounce**
- **Signal-filtering algorithm for noise rejection**
- **Best-in-class interference immunity**
- **Soft, flexible and comfortable fabric design**
- **Ideal in group or gym environments**
- **Long battery life**

The TP3 transmitter pod design is ultra lightweight at under ½ oz (13.7gram) with a thin contoured exterior shape tapering to 1/5 inch (5.5mm).

ANT+ is a very low power wireless sensor network protocol that provides reliable digital data communications in the license free 2.4GHz global transmission band. The ANT+ Heart rate profile can communicate with remote host products such as watches, bike computers, cell phones and fitness equipment.

The Body Fit 3 polymer electrodes are integrated with a soft fabric, delivering maximum performance and comfort. The elastic strap adjustment provides a wide range of sizes from a single strap, to reduce the requirement for different size versions.

Medical grade, corrosion resistant, stainless steel poppers connect the transmitter pod to the chest strap.

Fully water resistant to 30M and machine washable, the elastic strap has a loop connector that eliminates buckle irritation.

### Technical Specification

- Heart rate range: 30 ~ 240 bpm
- Storage Temperature: -40 ~ 85°C
- Operating Temperature: -10 ~ 60°C
- Average Active current: typical 65uA
- Peak Active current: 12mA (for RF)
- Stand-by current: less than 2uA
- Battery: CR2032 lithium cell (200mAh)
- Battery life: 3 years at 1 hour use per day
- RF operating Frequency: 2457MHz
- Maximum Output Power 0 ~ 4dBm
- RF Duty Cycle: 0.0008 (ANT+ Sport Protocol)

### Certification and Approvals

- ISO 13485:2003 – DNV Norway
- ISO 9001:2008 – Quality Management
- CE 0434:93/42/EEC Class IIa
- GMP – Food and Drug Administration Taiwan
- RoHS 2002/95/EEC compliant

### Technical Support

Healthcare Technology Limited - Dragoon House, Hussar Court, Waterloo, PO7 7SF United Kingdom  
Tel: +44 (0)23 9225 7388 - Email: HQ@cardiosport.com

### **Federal Communication Commission Interference Statement**

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.

### **FCC Caution:**

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.

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changes / modifications not approved by the responsible party could void the user's authority to operate the equipment.