

Wireless Heart Rate Module

PS-3566

Introduction

The Wireless Heart Rate Module is a replacement sensor for the Wireless Hand-Grip Heart Rate Sensor (PS-3206) or Wireless Exercise Heart Rate Sensor (PS-3207). The module is designed to attach to these accessories using the small metal connectors on the back.

NOTE: The Wireless Heart Rate Module is **not** a medical device. It is designed for educational use only and should not be used in any medical process such as life support or patient diagnosis. It is also not intended for use in graduate research or industry, including industrial control or any type of industrial testing.



Required equipment

Using the Wireless Heart Rate Module requires one of the following accessories:

- Wireless Exercise Heart Rate Replacement Strap (PS-3564; included with the PS-3207)
- Replacement Hand Grips (PS-3565; included with the PS-3206)

Additionally, collecting data from the module requires either PASCO Capstone or SPARKvue data collection software.

Get the software

You can use the module with SPARKvue or PASCO Capstone software. If you're not sure which to use, visit [pasco.com/products/guides/software-comparison](https://www.pasco.com/products/guides/software-comparison).

A browser-based version of SPARKvue is available for free on all platforms. We offer a free trial of SPARKvue and Capstone for Windows and Mac. To get the software, go to [pasco.com/downloads](https://www.pasco.com/downloads) or search for **SPARKvue** in your device's app store.

If you have installed the software previously, check that you have the latest update:

 **SPARKvue:** Main Menu  > Check for Updates

 **PASCO Capstone:** Help > Check for Updates

Connect to software

Before connecting the Wireless Heart Rate Module to the software, attach the module to either the strap of the Wireless Exercise Heart Rate Sensor or the larger grip of the Wireless Hand-Grip Heart Rate Sensor. The module automatically turns on when the strap is worn or the hand grips are held.

SPARKvue

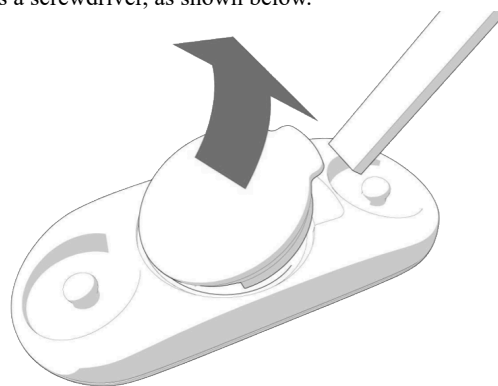
1. Start SPARKvue, then select **Sensor Data** .
2. In the list of available wireless devices, select the Wireless Heart Rate Module with a device ID matching the ID printed on the underside of your module.
3. In the **Select measurements for templates** column, check the box for all measurements you want to display.
4. Select a template for the **Templates** column to enter the Experiment Screen.
5. When you are ready, click **Start**  to begin collecting data.

PASCO Capstone

1. Start Capstone, then click **Hardware Setup**  in the **Tools** palette on the left.
2. In the list of available wireless devices, select the Wireless Heart Rate Module with a device ID matching the ID printed on the underside of your module.
3. In the **Displays** palette on the right, double-click the icon for the desired type of display to add that type of display to the experiment.
4. Click each **<Select Measurement>** box and select an appropriate measurement from the list.
5. When you are ready, click **Record** to begin data collection.

Change the battery

1. Pry the battery compartment open using a small flat-headed tool such as a screwdriver, as shown below.

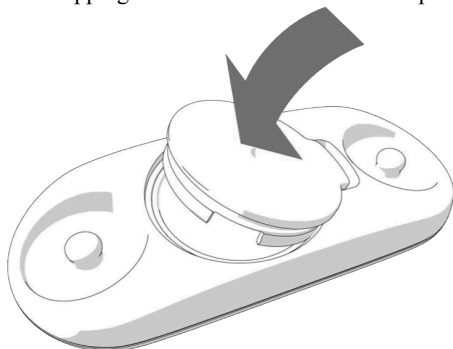


2. Remove the old battery from the inside of the battery cover.

3. Insert the new CR2025 battery into the cover with the negative (-) side facing outwards.

CAUTION: For safety purposes, use *only* CR2025 batteries in the module.

4. Align the ledge on the battery cover with the slot on the connector, then press the battery cover back into place as shown below. You should hear a snapping sound as the cover locks into place.



Software help

The SPARKvue and PASCO Capstone Help provide information on how to use this product with the software. You can access the help from within the software or online.

SPARKvue

Software: Main Menu  > Help

Online: help.pasco.com/sparkvue

PASCO Capstone

Software: Help > PASCO Capstone Help

Online: help.pasco.com/capstone

Technical support

Need more help? Our knowledgeable and friendly Technical Support staff is ready to answer your questions or walk you through any issues.

 Chat pasco.com

 Phone 1-800-772-8700 x1004 (USA)
+1 916 462 8384 (outside USA)

 Email support@pasco.com

Limited warranty

For a description of the product warranty, see the Warranty and Returns page at www.pasco.com/legal.

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Product end-of-life disposal



This electronic product is subject to disposal and recycling regulations that vary by country and region. It is your responsibility to recycle your electronic equipment per your local environmental laws and regulations to ensure that it will be recycled in a manner that protects human health and the environment. To find out where you can drop off your waste equipment for recycling, please contact your local waste recycle or disposal service, or the place where you purchased the product. The European Union WEEE (Waste Electrical and Electronic Equipment) symbol on the product or its packaging indicates that this product must not be disposed of in a standard waste container.

CE statement

This device has been tested and found to comply with the essential requirements and other relevant provisions of the applicable EU Directives.

FCC 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.

Battery disposal



Batteries contain chemicals that, if released, may affect the environment and human health. Batteries should be collected separately for recycling and recycled at a local hazardous material disposal location adhering to your country and local government regulations. To find out where you can drop off your waste battery for recycling, please contact your local waste disposal service, or the product representative. The battery used in this product is marked with the European Union symbol for waste batteries to indicate the need for the separate collection and recycling of batteries.