

Magene H603

Magene H603 Heart Rate Monitor Chest Strap User Manual

1. INTRODUCTION

Thank you for choosing the Magene H603 Heart Rate Monitor Chest Strap. This device is designed to provide accurate real-time heart rate tracking for your fitness activities. Please read this manual carefully to ensure proper use and maintenance of your device.

2. PRODUCT OVERVIEW

Key Features

- **High-Performance Real-time Heart Rate Tracking:** Utilizes advanced ECG processing to extract accurate heart rate data, minimizing interference from movement and sweat.
- **Split Chest Strap Design:** Offers enhanced comfort and a secure fit during exercise.
- **Long Battery Life:** Provides approximately 1000 hours of operation (based on laboratory tests; actual duration may vary).
- **ANT+ & Bluetooth Compatibility:** Allows simultaneous recording with ANT+ devices and Bluetooth applications for stable data transmission.
- **IP67 Dustproof and Waterproof:** Designed to withstand dust and water exposure during daily use.

What's in the Box

- Magene H603 Heart Rate Monitor Sensor
- Adjustable Chest Strap

Upgrade to New Heart Rate Monitor-- **H603**

Optimize and Upgrade H64 Heart Rate Monitor



NEW VERSION

- ✓ Multi-Colour-Shells
- ✓ Optimized hardware and data algorithms
- ✓ Improved reliability and accuracy of heart rate detection
- ✓ Increase LED light interaction

OLD VERSION

- ✗ Unstable data collection
- ✗ No LED indicator



Image: Magene H603 Heart Rate Monitor highlighting new features.

Magene



**Split
Chest Strap
Design**

H603

heart rate monitor

Image: Magene H603 Split Chest Strap Design.

3. SETUP

Battery Installation

The Magene H603 uses a CR2032 coin cell battery. To install or replace the battery:

1. Locate the battery compartment on the back of the sensor.
2. Use a coin to gently twist the battery cover counter-clockwise to open it.
3. Insert the CR2032 battery with the positive (+) side facing upwards.
4. Align the cover and twist clockwise to secure it.

LONG BATTERY LIFE

LASTS FOR 1000 HOURS



*The battery life data are based on laboratory test. The actual situation may be slightly different due to the use environment and other factors

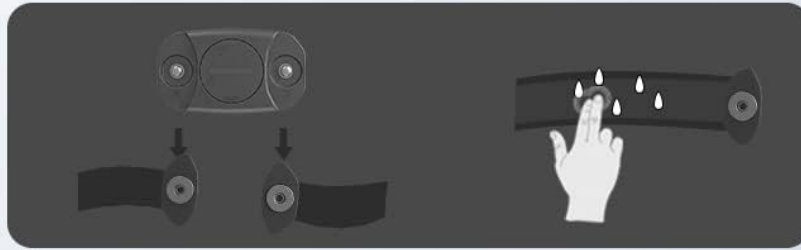
Image: Battery installation for the Magene H603.

Wearing the Heart Rate Monitor

For accurate readings, follow these steps to wear the chest strap:

1. Align the heart rate module with the chest strap. The two snaps on the module should connect to the corresponding snaps on the strap.
2. Moisten the electrode areas on the back of the chest strap with a few drops of water or electrode gel. This improves conductivity.
3. Adjust the length of the chest strap so it fits comfortably and snugly around your chest, just below your pectoral muscles.
4. Position the sensor module at the center of your chest, with the Magene logo facing upwards. Ensure the electrodes are firmly against your skin.

HOW TO WEAR



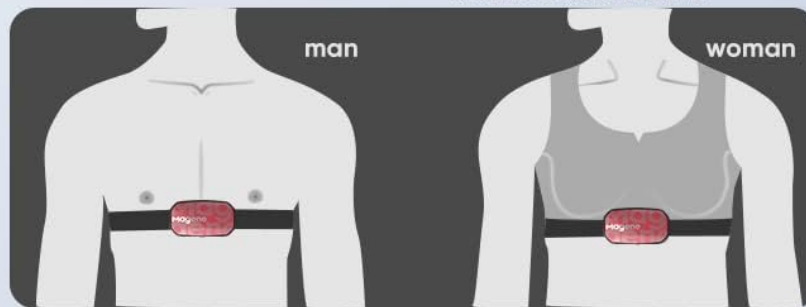
Align the heart rate module with the chest strap

Kindly wet the electrode area of the chest strap with a few drops of water



Adjust the length of the chest strap so it fits comfortably under your chest muscle

Adjust the sensor to the center of the heart with the MAGENE logo facing up and make sure the electrode is close to the skin



The monitor should be worn under your chest and firmly against your skin

Image: Instructions on how to wear the Magene H603 Heart Rate Monitor.



Image: Magene H603 Heart Rate Monitor worn by an individual.

Pairing with Devices

The Magene H603 supports both ANT+ and Bluetooth 4.2 for connectivity.

1. Wear the heart rate monitor as described above. The sensor will activate automatically when it detects a heart rate.
2. On your compatible device (e.g., cycling computer, smartwatch, smartphone app like Wahoo, Zwift, Strava, Elite HRV), go to the sensor pairing settings.
3. Select to add a new heart rate sensor. The device should detect the Magene H603.
4. Confirm the pairing.

Note: A red LED light on the sensor indicates that the monitor is active and ready to use.

4. OPERATING INSTRUCTIONS

Once the Magene H603 is properly worn and paired with your device, it will automatically begin transmitting heart rate data. Ensure your receiving device is within range and configured to display heart rate information.

During Exercise

- Monitor your heart rate on your connected device.
- The H603 provides real-time data, allowing you to adjust your intensity as needed.
- The advanced algorithm helps maintain accuracy even during intense movement and sweating.

LED LIGHT REMINDING



* **Note:** The red light indicates that the sensor is ready to use

Image: Red LED light indicating the sensor is ready.

5. MAINTENANCE

Cleaning

To ensure longevity and hygiene, clean the chest strap after each use:

- Detach the sensor module from the strap.
- Rinse the chest strap under running water.
- Wipe the sensor module with a damp cloth. Do not submerge the sensor module in water.
- Hang the strap to dry. Do not machine wash or tumble dry.

Storage

Store the heart rate monitor in a cool, dry place when not in use. Detach the sensor module from the strap to conserve battery life.

Battery Care

While the battery life is extensive, replace the CR2032 battery when the device indicates low power or fails to connect. Always dispose of used batteries responsibly.

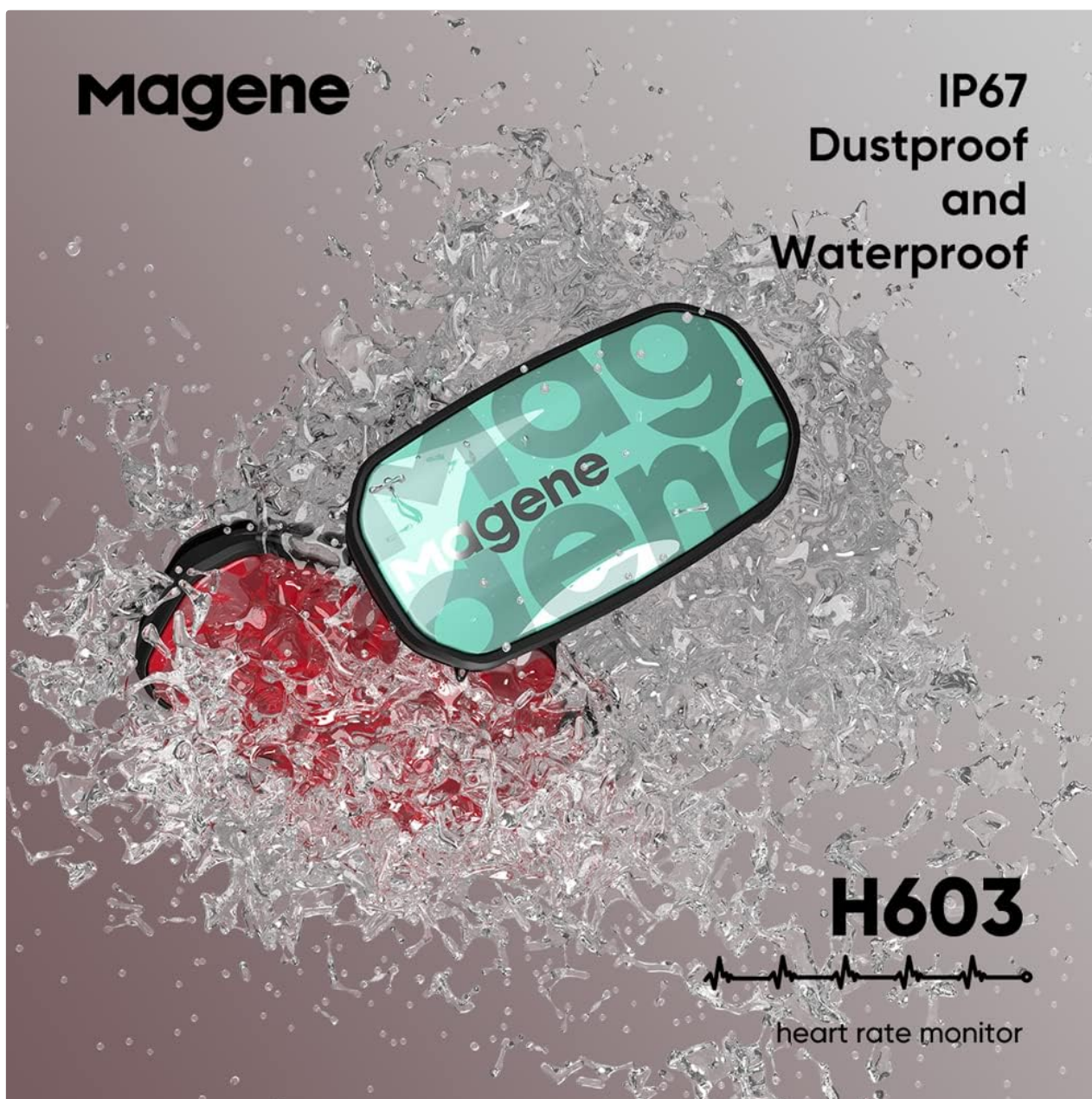


Image: Magene H603 IP67 Dustproof and Waterproof.

6. TROUBLESHOOTING

No Heart Rate Reading

- Ensure the chest strap electrodes are moistened and making good contact with your skin.
- Check if the sensor module is securely snapped onto the strap.
- Verify the battery is correctly installed and has sufficient charge. Replace if necessary.
- Confirm that the sensor is active (red LED light).

Inaccurate Readings

- Ensure the strap is worn snugly and positioned correctly on your chest.
- Avoid wearing the sensor directly over clothing, as this can interfere with readings.
- Interference from other electronic devices or strong electromagnetic fields can affect accuracy. Move away from such sources.

Connectivity Issues

- Ensure Bluetooth or ANT+ is enabled on your receiving device.
- Move the receiving device closer to the heart rate monitor.
- Try unpairing and re-pairing the sensor with your device.
- Restart your receiving device.

7. SPECIFICATIONS

Specification	Value
Brand	Magene
Model Number	H603
Material	Plastic
Color	Blue
Compatible Devices	Smartphones, Cycling Computers, Smartwatches
Product Weight	16 Grams
Battery Life	1000 Hours
Sensor Type	Heart Rate Monitor
Battery Description	CR2032 (replaceable)
Language	English
EU Spare Parts Availability Period	1 Year
Dimensions	62.3 × 35.1 × 11.5 mm
Manufacturer	Magene
Part Number	H603
Included Components	Heart Rate Monitor Chest Strap
Product Type Name	Heart Rate Monitor Chest Strap

8. WARRANTY INFORMATION

The Magene H603 Heart Rate Monitor Chest Strap comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or human-caused damage.

Please retain your proof of purchase for warranty claims.

9. SUPPORT

For further assistance, technical support, or warranty inquiries, please contact Magene customer service through their official website or the retailer where you purchased the product.

You can also visit the Magene brand store for more information and product updates: [Magene Brand Store](#)

