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› Magene H603 Heart Rate Monitor Chest Strap User Manual

Magene H603

Magene H603 Heart Rate Monitor Chest Strap User Manual

Model: H603

1. INTRODUCTION

The Magene H603 is a high-performance heart rate monitor designed for fitness tracking. It utilizes an advanced ECG processing circuit and a self-learning algorithm to provide accurate real-time heart rate data, minimizing interference from movement and sweat. The H603 features a comfortable split chest strap design and offers broad compatibility with ANT+ and Bluetooth devices. This manual provides detailed instructions for setting up, operating, and maintaining your Magene H603 Heart Rate Monitor.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- Magene H603 Heart Rate Sensor (x1)
- Adjustable Elastic Chest Strap (x1)
- CR2032 Battery (x1, pre-installed in sensor)

THE PACKAGE INCLUDES

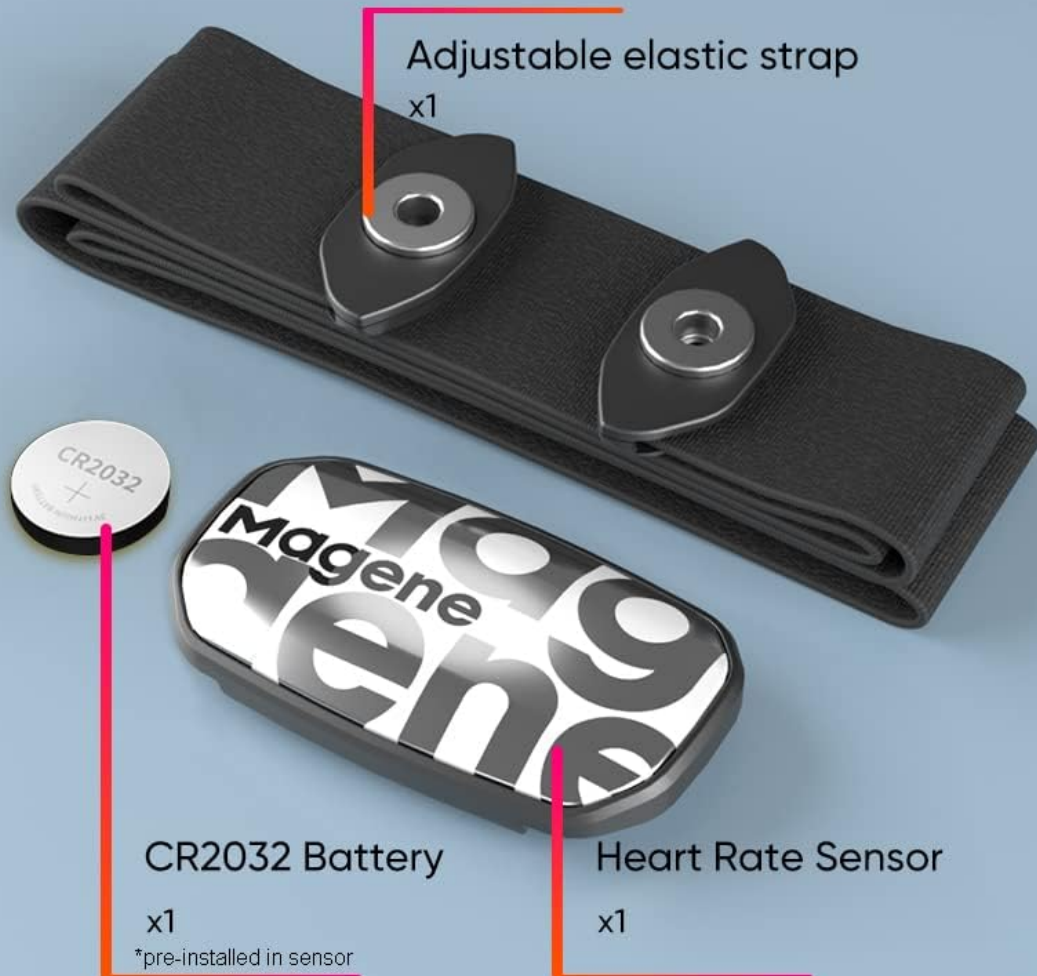


Image: Components included in the Magene H603 package: heart rate sensor, adjustable elastic strap, and a CR2032 battery.

3. SETUP

3.1 Attaching the Sensor to the Chest Strap

1. Moisten the electrode areas on the back of the chest strap with water or electrode gel to ensure good contact with your skin.
2. Attach the heart rate sensor to the two snap fasteners on the chest strap. Ensure it is securely fastened.

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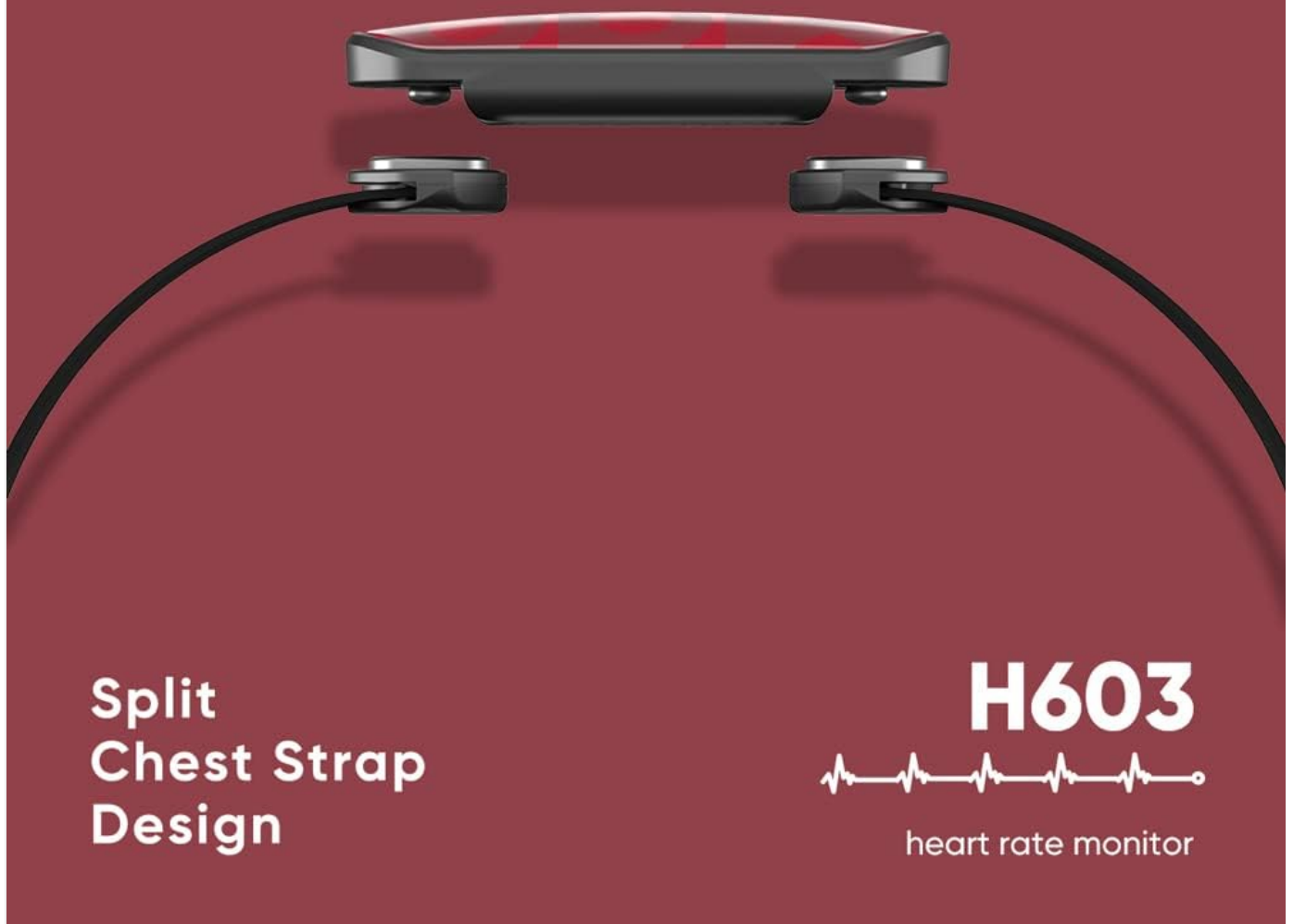


Image: The Magene H603 heart rate sensor connected to the split chest strap, ready for wear.

3.2 Wearing the Heart Rate Monitor

1. Place the chest strap around your chest, directly below your pectoral muscles.
2. Adjust the strap length to ensure a snug but comfortable fit. The sensor should be centered on your chest.
3. Ensure the moistened electrodes are in firm contact with your skin.



Image: A user wearing the Magene H603 heart rate monitor chest strap comfortably during exercise.

4. OPERATING INSTRUCTIONS

4.1 Powering On and Status Indicator

The Magene H603 automatically powers on when it detects a heart rate signal. A red LED light on the sensor indicates that the monitor is active and ready for use.

LED LIGHT REMINDING



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

Image: The LED indicator on the Magene H603 sensor, which glows red when the device is ready to transmit data.

4.2 Connecting to Devices (ANT+ & Bluetooth)

The H603 supports both ANT+ and Bluetooth 4.2 for stable data transmission. It can record two copies of data simultaneously: one via an ANT+ device and another via a Bluetooth application.

1. For Bluetooth Connection:

- Ensure Bluetooth is enabled on your smartphone or compatible device.
- Open your preferred fitness application (e.g., Zwift, Strava, Elite HRV).
- Navigate to the sensor pairing or device connection settings within the app.
- Select "Magene H603" from the list of available devices to pair.

2. For ANT+ Connection:

- Ensure your ANT+ compatible device (e.g., Wahoo, Garmin cycling computer) is powered on.
- Go to the sensor pairing menu on your ANT+ device.
- The device should automatically detect the Magene H603. Select it to connect.

The H603 is compatible with a wide range of fitness devices and applications, including Wahoo, Zwift, Strava, and Elite HRV.

5. MAINTENANCE

5.1 Cleaning the Chest Strap

- After each use, detach the sensor from the chest strap.
- Rinse the chest strap under running water.
- Hang the strap to dry. Do not machine wash or tumble dry.
- Avoid using strong detergents or chemicals, as they may damage the electrodes.

5.2 Battery Replacement

The H603 uses a CR2032 coin cell battery. When the battery is low, the device's performance may be affected, or it may stop transmitting data.

1. Using a coin, twist the battery cover on the back of the sensor counter-clockwise to open it.
2. Remove the old CR2032 battery.
3. Insert a new CR2032 battery with the positive (+) side facing up.
4. Replace the battery cover and twist it clockwise to secure it. Ensure the O-ring seal is properly seated to maintain water resistance.

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: Illustration of replacing the CR2032 battery in the Magene H603 heart rate sensor.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No heart rate reading or unstable data.	<ul style="list-style-type: none"> Electrodes are dry. Poor contact with skin. Low battery. Sensor not properly attached. Interference from other devices. 	<ul style="list-style-type: none"> Moisten electrodes with water or gel. Adjust strap for a snug fit. Replace the CR2032 battery. Ensure sensor is securely snapped onto the strap. Move away from strong electromagnetic fields.
Device not found by app/computer.	<ul style="list-style-type: none"> Monitor not active (no red light). Bluetooth/ANT+ disabled on receiving device. Too far from receiving device. Battery low. 	<ul style="list-style-type: none"> Ensure electrodes are moistened and strap is worn correctly. Enable Bluetooth/ANT+ on your device. Keep the monitor within range (typically a few meters). Replace the battery.

7. SPECIFICATIONS

Model	H603
Brand	Magene
Dimensions	62.3 × 35.1 × 11.5 mm
Material	Silicone, Plastic, Rubber
Connectivity	Bluetooth 4.2, ANT+
Waterproof Rating	IP67 (Dustproof and Waterproof)
Battery Type	CR2032 Lithium-ion Coin Cell
Battery Life	Up to 1000 hours
Compatible Devices	Smartphones, Wahoo, Zwift, Strava, Elite HRV, and other ANT+/Bluetooth devices.

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IP67
Dustproof
and
Waterproof

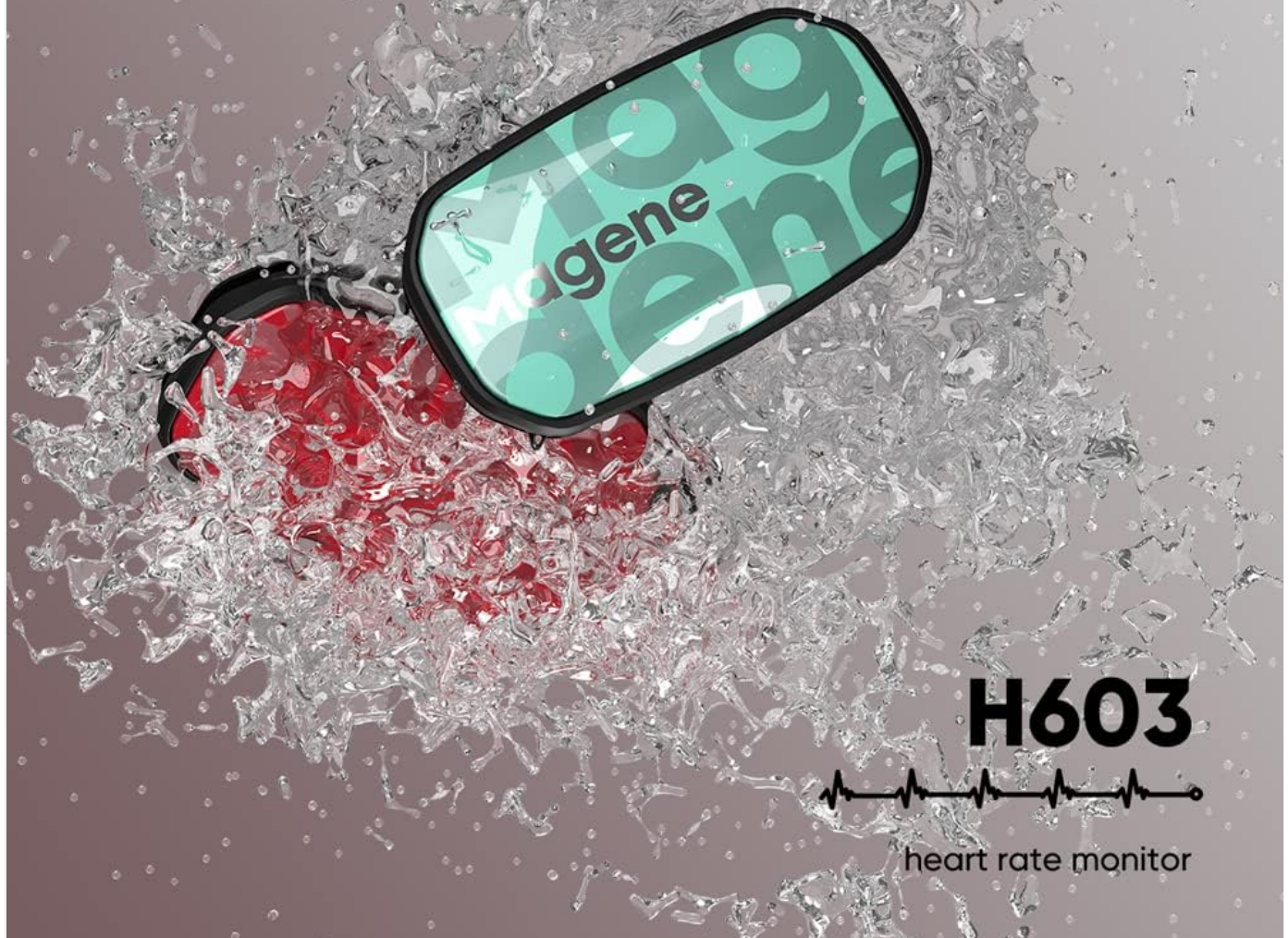


Image: The Magene H603 sensor demonstrating its IP67 dustproof and waterproof capabilities.

8. WARRANTY AND SUPPORT

The Magene H603 Heart Rate Monitor comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please note that human-caused damage is not covered under this warranty.

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

