

## Magene H613

# Magene H613 Heart Rate Sensor Instruction Manual

Model: H613

## 1. PRODUCT OVERVIEW

The Magene H613 is an advanced heart rate sensor designed for precise heart rate tracking during various physical activities. It features Bluetooth and ANT+ connectivity, offline data storage, and a multi-color LED indicator for heart rate zones.



Image 1.1: The Magene H613 Heart Rate Sensor, showcasing its sleek design and chest strap.

## 2. PACKAGE CONTENTS

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Ensure all items are present in the package:

- Magene H613 Heart Rate Monitor (1 unit)
- Adjustable Chest Strap (1 unit)
- Charging Cable (1 unit)

## 3. SETUP

### 3.1 Attaching the Sensor to the Chest Strap

1. Locate the two snap buttons on the chest strap.
2. Align the Magene H613 sensor with these buttons and firmly snap it into place.

### 3.2 Preparing the Chest Strap

Before wearing, lightly moisten the electrode areas on the back of the chest strap with water. This ensures proper conductivity and accurate heart rate detection.

### 3.3 Adjusting the Chest Strap Size

The H613 chest strap is available in three sizes to ensure a comfortable and secure fit for various body types:

- **Short:** 58-78 cm
- **Medium:** 75-100 cm
- **Long:** 93-136 cm

Adjust the strap to a comfortable length that fits snugly around your chest, just below your pectoral muscles.

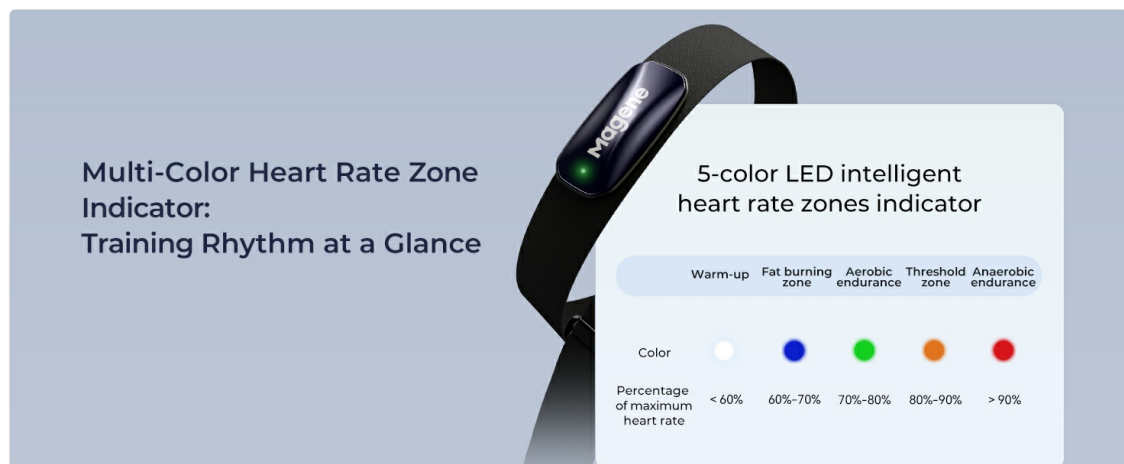


Image 3.1: Visual guide for wearing the heart rate strap, showing electrode moistening, strap adjustment, and sensor attachment.

### 3.4 App Installation (OnelapFit)

Download the OnelapFit application from your smartphone's app store. This app is compatible with both iOS and Android devices and is used for data synchronization and advanced settings.

### 3.5 Pairing with Devices

The H613 supports both Bluetooth and ANT+ connectivity, allowing it to pair with multiple devices simultaneously.

- **Bluetooth:** Open the OnelapFit app or your preferred fitness app on your smartphone. Ensure Bluetooth is enabled. The sensor will appear in the list of available devices. Select it to pair.
- **ANT+:** For ANT+ compatible bike computers (e.g., Garmin, Wahoo, Bryton) or smartwatches, refer to your device's instructions for adding a new heart rate sensor. The H613 will automatically broadcast its signal once worn.



Image 3.2: Illustration of the H613's 3-channel Bluetooth and ANT+ compatibility, allowing connection to multiple devices like bike computers, smartphones, and smartwatches.

## 4. OPERATING INSTRUCTIONS

### 4.1 Automatic Activation

Once the heart rate sensor is properly worn and the electrode areas are moistened, it will automatically turn on and begin broadcasting heart rate data continuously.

### 4.2 Precise Heart Rate Tracking

The H613 utilizes a new generation heart rate algorithm to track real-time heart rate fluctuations with millimeter-level accuracy. It is designed to filter out abnormal interference signals even during high-intensity workouts.

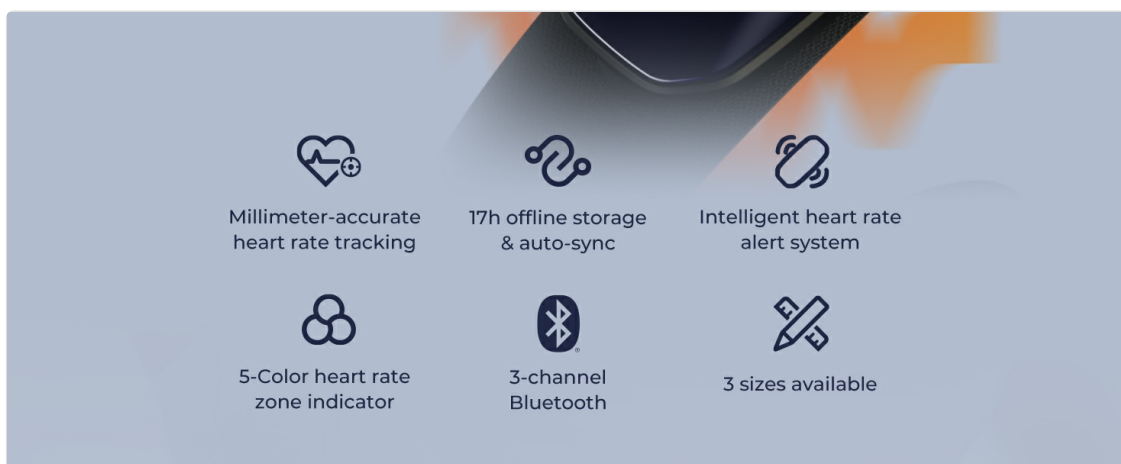


Image 4.1: Depiction of the H613's advanced algorithm for precise heart rate tracking, filtering noise during intense workouts.

### 4.3 Offline Data Storage

The H613 can store up to 17 hours of heart rate data offline. This allows you to train without carrying a phone or other device. After your workout, connect to the OnelapFit app, and the data will automatically synchronize, providing detailed reports.



Image 4.2: Visual representation of the H613's 17-hour offline data storage capability.

#### 4.4 Multi-Color LED Heart Rate Zone Indicator

The integrated multi-color LED indicator on the H613 displays your current heart rate zone in real-time, helping you monitor your training intensity at a glance.

Color	Heart Rate Zone	Percentage of Max HR
White	Warm-up	< 60%
Blue	Fat Burning	60%-70%
Green	Aerobic Endurance	70%-80%
Orange	Threshold Zone	80%-90%
Red	Anaerobic Endurance	> 90%

**Short (58-78cm)**  
Recommended height: 140-168cm  
Recommended weight: 35-80kg

**Medium (75-100cm)**  
Recommended height: 160-190cm  
Recommended weight: 65-95kg

**Long (93-136cm)**  
Recommended height: 180-210cm  
Recommended weight: 80-110kg

### Multi-Size Fit Sport Shouldn't Be Defined by Size

With three size options, everyone—from a 140cm, 35kg teenager to a 210cm basketball player or a 110kg weight-loss challenger—can find a perfect fit.

Every body deserves to be supported with precision.

Image 4.3: The H613's multi-color LED indicator displaying different heart rate zones.

#### 4.5 Heart Rate Warning Function

The H613 includes a customizable heart rate warning function. You can set upper safety thresholds in the OnelapFit app. When your heart rate reaches the predefined upper limit, the chest strap will trigger an audible alert to help prevent overexertion.

### Versatile Sport Compatibility, Precision from Every Angle

H613 heart rate monitor is suitable for multiple sports scenarios, supporting different types of exercises including high-intensity intervals (boxing/spinning), endurance training (cycling/hiking), static control (yoga/Pilates), and strength training ect.



fitness



weight-lifting



box



rowing machine



spinning



aerobics

Image 4.4: Visual representation of the smart heart rate alert system, indicating a safety boundary for training.

## 4.6 Multi-Sport Compatibility

The H613 heart rate monitor is suitable for a wide range of sports and activities, providing accurate tracking for various training intensities. This includes:

- Cycling
- Running
- Yoga
- Pilates
- Boxing
- Weightlifting
- HIIT (High-Intensity Interval Training)
- Rowing
- Aerobics

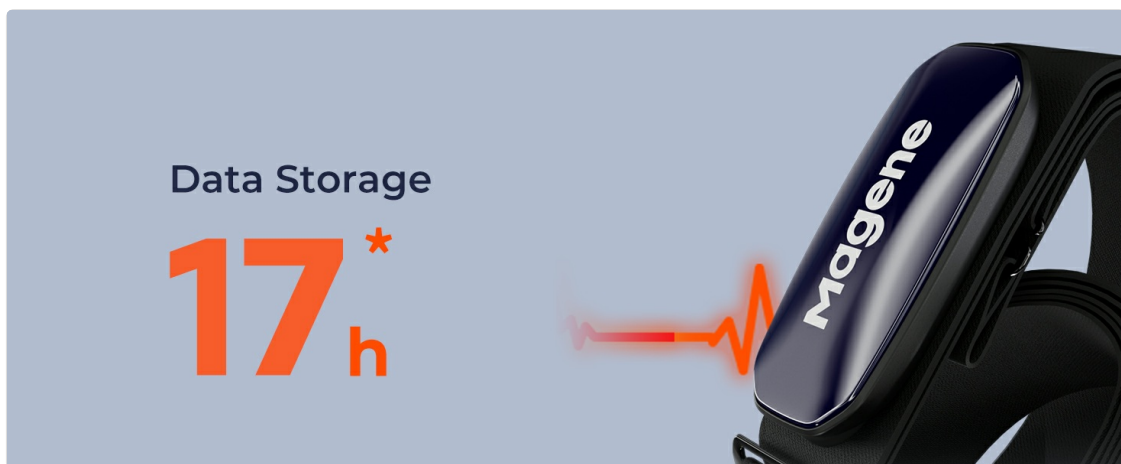


Image 4.5: Icons representing various sports compatible with the H613 heart rate monitor.

## 5. MAINTENANCE

### 5.1 Cleaning the Chest Strap

To maintain hygiene and ensure optimal performance, it is recommended to clean the chest strap after each use. Rinse the strap with water and allow it to air dry. Do not use harsh chemicals or machine wash.



## Smart Heart Rate Alert, A Safety Boundary for Every Breakthrough

Heart Rate Alerts Help Create a Protective Boundary For Safer Training



Image 5.1: Close-up of the chest strap's anti-slip particles, designed for comfort and stability during exercise.

### 5.2 Charging the Sensor

The H613 features a built-in rechargeable battery. Use the provided proprietary magnetic charging cable to recharge the device. Connect the magnetic end to the sensor's charging port and the USB end to a power source. A full charge can provide up to 17 hours of battery life (actual battery life may vary based on usage conditions, such as heart rate zone indicator being on or off).

*Note: The charging process may take several hours. Keep the charging cable in a safe place to avoid loss.*

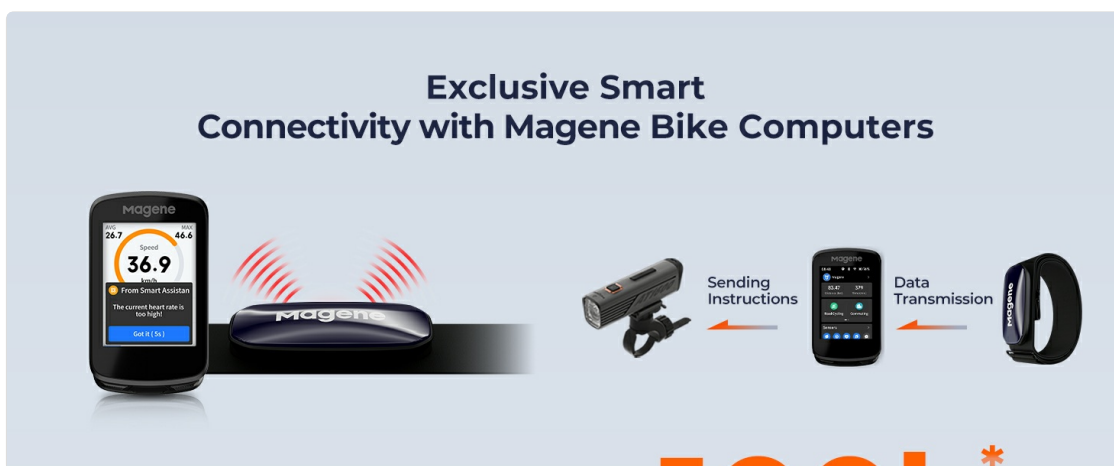


Image 5.2: Information regarding the H613's long battery life and charging method.

## 6. TROUBLESHOOTING

### 6.1 No Heart Rate Reading / Intermittent Signal

- Ensure the electrode areas on the chest strap are adequately moistened before wearing.
- Verify the sensor is securely snapped onto the chest strap.
- Adjust the chest strap for a snug fit. A loose strap can cause signal loss.
- Check the battery level of the sensor. Recharge if necessary.
- Ensure there are no strong electromagnetic interferences nearby.

### 6.2 Connectivity Issues (Bluetooth/ANT+)

- **For Bluetooth:** Ensure Bluetooth is enabled on your smartphone or device. Try unpairing and re-pairing the sensor. Restart your device and the OnelapFit app.
- **For ANT+:** Ensure your receiving device (bike computer, smartwatch) has ANT+ enabled

and is searching for new sensors.

- If experiencing issues with a specific app (e.g., OnelapFit on iOS), try pairing with another compatible app or device to isolate the problem.

6.3 App Synchronization Problems

- Ensure the OnelapFit app is updated to the latest version.
- Verify your smartphone has a stable internet connection for data upload.
- Close and reopen the app, then attempt synchronization again.

7. SPECIFICATIONS

Feature	Detail
Model	H613
Connectivity	Bluetooth, ANT+
Offline Storage	17 hours
Water Resistance	IPX7
Battery Life	Up to 17 hours (depending on usage)
Strap Material	Polyester
Sensor Weight	12.4 g (ultra-light)
Compatible Devices	Smartphones, Bike Computers, Smartwatches
Strap Sizes Available	Short (58-78cm), Medium (75-100cm), Long (93-136cm)



Image 7.1: Detailed view of the H613 sensor's dimensions and IPX7 water resistance rating.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or any product-related inquiries, please contact the seller, Magene Fitness, directly through your purchase platform. Keep your proof of purchase for any warranty claims.



