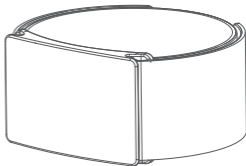


Armband Heart Rate Monitor

## User Manual

Model: CL837



ANT+

## **Product Introduction**

Thank you for purchasing CL837 heart rate monitor. This device monitors and transmits real-time heart rate, blood oxygen, steps count, and calorie data through Bluetooth or ANT+ to fitness apps on your device. CL837 is designed to help manage your exercise intensity scientifically. We recommend you read this user manual prior to use and keep it for future reference.

## **Reminder:**

You must fully charge the device prior to the first use.

This device is not designed and intended to be used for medical purposes and is only to be used in fitness training and recreational activities.

Consult a physician or a general practitioner to determine the appropriate fitness heart rate range for your body.

### **Key features :**

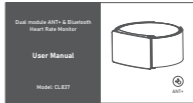
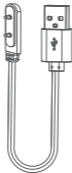
- Heart rate, blood oxygen(SPO2), and steps count monitoring
- Bluetooth low energy 5.0
- Buttonless design, auto on/off
- Built-in acceleration sensor
- Rechargeable lithium battery
- Stores 2 days heart rate data and 7 days fitness data.
- Vibration reminder
- LED indicator

### **Compatible APPs:**

X-fitness, Wahoo, Zwift, Runtastic Pro, Nike Run Club.

## Package contents:

1. CL837 Heart rate monitor
2. USB docking charger
3. English user manual



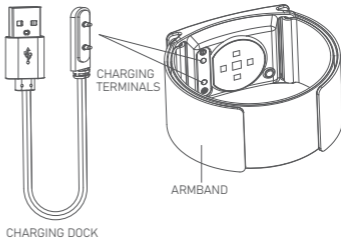
## Charging

To charge the device, plug in the USB charger, then place the sensor on the USB charger.

**Low battery (20%):** Red LED flashes smoothly with the motor vibrates.

**Charging:** Red and Green LED flashes alternately

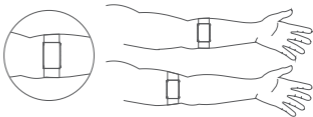
**Full battery:** Green LED stays on



## **Wearing**

Wear the device on your upper arm.

Fasten the band to a comfortable position and make sure the sensor is not slipping. Do not overtighten as the band could restrain your blood circulation.



This device features auto on/off; the device turns on automatically when attached to your arm, with purple LED flashes rapidly.

## **Connection**

This device uses Bluetooth low energy 5.0. Purple LED flashes smoothly when awaiting Bluetooth connection. Once the Bluetooth is connected, Blue LED flashes smoothly.

### **Initial set up with fitness app:**

1. Turn on the Bluetooth function on your phone. Allow all permissions on app when prompted.
2. Go to the sensor setting menu on app
3. Search and connect the device

### **Initial set up with smart Bluetooth devices (Sports watches, fitness equipment & Gym team training system:**

1. Go to the device setting menu, select 'add HR sensor'.
2. Search and connect the device.

### Data logging interval (Connected to APP):

Items	Refresh interval
Heart rate	Per second
Step counts	Per second
Blood oxygen	Control by APP
Battery level	Per-minute
Calories	Per-minute

**Note:** The device vibrate three times(two groups) when the heart rate value reached 167.



## Blood oxygen (SP02) measurement

Put on the device, open the APP "X-Fitness", connect the device and enter the blood oxygen (SP02) interface, Click "go" to measure blood oxygen (SP02).

During the measurement, please keep your body in a sit down and relaxed state, the measurement process is about 50 seconds.



## **Specifications:**

Dimension: L47xW30xH10 mm

Weight: 12.1g

Battery Type: Rechargeable Lithium Battery

Battery Life: 50 Hours for Continuous Heart Rate Monitoring

Operation Temperature: -10°C to 50°C /14°F to 122°F

Transmission: ANT+, Bluetooth

Waterproof Level: IP67

## **Disclaimer:**

The information contained in this user manual is for reference only. The product described above may be subject to modifications of the manufacturer's continuous research and development plans. The manufacturer is not obligated to announce in advance.

We shall not bear any legal liability for any direct or indirect, accidental, special damages, losses, and expenses derived from or associated with this manual or the product contained.

## **EU-Declaration Of Conformity**

Hereby, **We**, declares that **Armband heart rate monitor (CL837)** is in compliance with the essential requirements and other relevant provisions of Directive RED 2014/53/EU. A copy of the signed and dated Declaration of Conformity is available.

## **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.

**WARNING:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** 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.

The device has been evaluated to meet general RF exposure requirement.  
The device can be used in portable exposure condition without restriction.

