

Heart Rate Monitor Owner's Manual



VELOTRIC

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Safety Warnings and Product Information

WARNING

Failure to notice the potential dangers listed below may lead to severe harm or even fatal accidents.

Battery-related warnings

The product has a built-in lithium-ion battery. Failure to follow the instructions listed below may shorten the battery's shelf life, damage the device, or cause fire, chemical burns, electrolyte leakage, or the risk of injury.

- Do not disassemble, modify, puncture, or damage the device or the battery.
- Do not expose the device or the battery to fire, explosion, or other hazards.
- Do not place or store the device near a dryer, in a car under direct sunlight, or in other high-temperature environments.
- Do not immerse the battery in water or other liquids.
- Do not use any sharp object when removing the battery.
- Keep the battery out of reach of children. Swallowing the battery may cause chemical burns, soft tissue perforation, or even death. Seek immediate medical help if the battery is swallowed.

Health and training

Training involves possible risks. We recommend you consult your doctor before a training program.

In addition to training intensity, heart rate is affected by medications for heart diseases, hypertension, asthma, respiratory, psychological, and other diseases, as well as energy drinks, alcohol, nicotine, and drugs. During training, please pay attention to your body's response.

Stop training immediately and consult your doctor if you feel pain or overexerted.

If you are using a pacemaker or any other implantable electronic device, theoretically, our product will not interfere with the said devices; however, due to the variety of devices used, we cannot assure that your product is fully compatible with all implantable electronic devices. Please consult your doctor if you feel something is wrong.

Stop using the product and consult your doctor if your skin gets allergic or you suspect an allergic reaction due to our product. Besides, we will highly appreciate it if you inform our Customer Service Center about your allergic reaction.

Besides, if you apply perfume, sunscreen cream, mosquito, or insect repellent on your skin, make sure these applied parts do not contact our product.

Product Introduction

Driven by advanced optical heart rate technologies, our heart rate monitor supports standard Bluetooth and transmits Bluetooth UUID data containing heart rate values for display on the Velotric dashboard. With an adjustable band, you can wear the device on your forearm. It can record every beat of your heart, and help you do workouts joyfully and scientifically.

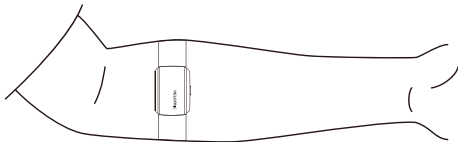


Wearing

NOTE: Before first use, please fully charge the device to exit shipping mode.

Wear the heart rate monitor near your elbow or on the inner or the outer side of your upper arm or forearm, as shown in the following figure, to get the best accuracy of heart rate measurements.

Adjust the band to fit with your arm well to the extent that you feel comfortable and the band is tight enough to hold in place during your workout.

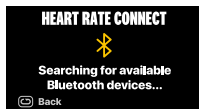
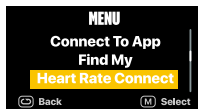


Pairing and Settings

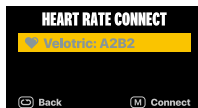
Pairing the heart rate monitor with a Bluetooth device

Wear the heart rate monitor before you pair it with a compatible device.

Keep the armband within 3 meters of the device to be paired and over 10 meters away from other Bluetooth devices.



For the first-time pairing, open the bike display **Menu** and select **HEART RATE CONNECT**. This will enter the search interface.



Turn on the heart rate monitor, and once it appears on the list, tap to connect.

Once the initial pairing is complete, the next time the heart rate monitor is powered on, the bike display will automatically detect and connect to it.

(For detailed instructions, please refer to the user manual.)

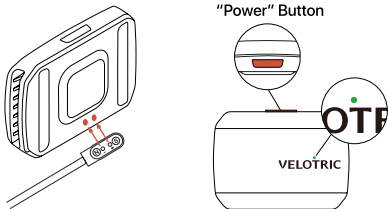
Note: The heart rate monitor can only connect to one bike at a time.

Charging

Insert the attached magnetic charging cable to a USB port for easy charging, as shown in the following figure.

During charging, the indicator is blinking red.

Once the device is fully charged, the indicator turns solid green.



LED Indication and Vibration Description

Power on

Press and hold the button for 2 seconds to turn on the device.

Connection

- Blue light flashing: Device is on and searching for a compatible device.
- Blue light solid: Device successfully connected.

Shutdown

Manual shutdown: Press and hold the button for 2 seconds.

- When the battery level is $\geq 20\%$, the indicator flashes **green**.

- When the battery level is $< 20\%$, the indicator flashes **red**.

The device then powers off.

Auto shutdown: If the heart rate monitor is not paired and no heart rate is detected within 10 minutes after powering on, the device will automatically turn off.

Charging

Charging: Red light flashing.

Fully charged: Green light solid.

Button Function

Press the button once to broadcast the heart rate signal for 90 seconds. If no device connects within this time, press the button again to restart the signal.

FAQs

Follow the instructions below if heart rate data is abnormal or not displayed.

Follow the steps below:

- 1. Press and hold the power button for 2–3 seconds** to power off and restart the device. Check if the indicator light blinks during this process.
 - 2. Ensure your display or cycling computer is powered on and functioning properly.**
 - 3. Wear the heart rate monitor** on the inner or outer side of your upper forearm. It should fit snugly and stay securely in place during your workout.
 - 4. If the device surface is dirty,** clean it gently with mild soap and water, then dry thoroughly.
- If the above steps do not resolve the issue, please contact our after-

sales service for technical support.

What is the battery life of the heart rate monitor?

The battery can last up to 45 hours on a full charge.

Warranty Terms

1. **Warranty Period**This product is covered by a 1-year limited warranty effective from the original date of purchase.

2. **What Is Covered**This warranty covers any malfunctions or defects in the product that result solely from flaws in its design, materials, or workmanship.

- The main unit is protected for 12 months.

- For any warranty returns or exchanges, please use the original packaging and the shipping method we specify. The customer will be responsible for any shipping costs or damage that occurs during transit if non-original packaging or a non-specified carrier is used.

3. **What Is Not Covered**This warranty does not apply to damage or issues resulting from the following circumstances:

- **Damage Caused by Accidents or Misuse:** This includes, but is not limited to, damage from unauthorized disassembly, modification, misuse, collisions, crushing, liquid contact, or failure to operate, maintain, or store the product according to the provided instructions.

- **Normal Wear and Tear:** Such as reasonable wear, scratches, or stains.

- **Lack of Valid Proof of Purchase:** If you cannot provide a valid proof of purchase (e.g., receipt), or if the information on the proof of purchase does not match the product.

- **Force Majeure Events:** Damage caused by events beyond control, such as fire, flood, earthquake, or lightning.

- **Expired Warranty Period:** If the product is presented for service after the 1-year warranty period has ended.

4. **How to Obtain Service** To help us process your warranty request efficiently, please have the following information ready when you contact us:

- Your accurate full name and contact information.
- Your order number.

FCC statements

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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes 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. Federal Communication Commission (FCC) Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment so that no RF exposure calculation is needed.

Recycling

This symbol on the product or on its packaging indicates that this product must not be disposed of with your household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Specifications

The product includes	A sensor, a charge cable, a Leica armband, instructions
Model	VELHRM01
Nominal Voltage	3.8V (lithium-ion battery)
Nominal Capacity	70mAh (lithium-ion battery)
Ref. Weight	1.50g (lithium-ion battery)
Heart rate range	40~220 BPM
Battery type	Rechargeable lithium-ion battery
Battery life	45 h (Max)
Wireless communication protocols	Bluetooth
Weight	12 g
Dimensions	44 × 31.6 × 11.2 mm
Ingress protection rating	IP67
Operating temperature	0°C ~ 45°C
Output power (Max.)	4 dBm

* The actual battery life depends on the environment of use.



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Contact

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V1.0