

GEOID

Quick Start Manual

HS500 Heart Rate Monitor



► Accessories

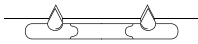
- Heart Rate Monitor X1
- Chest Strap X1
- CR2032 Battery X1
- Quick Start Manual X1

HS500 can track and capture high-performance real-time heart rate data while exercise, transmitting real-time heart rate data over ANT+ and Bluetooth Low Energy. HS500 works well with most BLE / ANT+ bike computers, sports watches and most fitness app, With comfortable fabric strap, and it's slim, light and ergonomically in design. HS500 is your best fitness device.



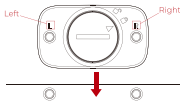
► Wearing

1. Wet the electrode area of the back of the strap



2. Snap heart rate monitor module onto the chest strap.

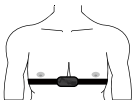
The "Geoid" logo should be side up.



3. Wrap the strap around your your chest, and connect the strap hook to the loose.



4. Adjust the strap to fit your chest so when worn it will fit comfortably, but is not loose.

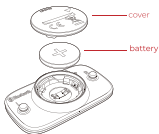


► Replacing the Battery

Take off the battery cover by using a coin to rotate the battery cover towards anti-clockwise.



Insert the new battery with the positive side facing up, and using a coin to rotate the battery cover towards clockwise.



► Specifications

Model	HS500
Heart rate range	30~240BPM
Battery type	CR2032, 3V
Battery shelf life	800 hours
Weight	13g
Sensor dimensions	57.6*33*11mm
Strap length	64~86cm(±2cm)
Wireless Protocol	ANT+ and Bluetooth

► Catalogue and Technical Requirements for Micro-power Short-range Radio Transmitter Devices

1. Specific terms: Cat. F Devices

Frequency: 2400-2483.5MHZ

Transmission power limit: 10mW

Frequency tolerance: 75kHz

Use scenario: For ANT+/BLE intelligent hardware control and data transmission

Antenna type: PIFA antenna

Performance/control: Within about 10m transmission distance (open-air areas)

2. It is not permitted to change the use scenario or conditions of use, extend the transmission frequency range, increase the transmission power (including installing an additional RF power

amplifier), or change the transmission antenna, without authorization.

3.It is not permitted to create interference harmful to other legal radio devices, nor request protection from harmful interference.

4.This product can withstand interference due to radio frequency energy emitted by industrial, scientific, and medical (ISM) application devices or other legal radio devices.

5.If this product creates interference harmful to other legal radio devices, its operation should be halted immediately, and relevant measures taken to eliminate the interference before it is resumed.

6.If any micro-power device is used within an aircraft or the electromagnetic environmental protection area of a radio astronomical observatory, meteorological radar station, satellite earth station (including TT&C, ranging, reception, and navigation stations), or any other military/civilian radio stations, or an airport as set out in relevant laws, regulations, national provisions or standards, the regulations of the electromagnetic environmental protection authorities and relevant industry organizations must be followed.

7.It is prohibited to use any remote controller within a radius of 5000 meters from the center of an airport runway.

► Safety Warnings and Product Information



Battery-related warning

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

The product uses a CR2032 button cell.

Failure to follow the instructions listed below may shorten the battery's shelf life, damage the device, or cause fire, chemical burns, battery 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 environment.
- Do not immerse the battery in water or other liquids.
- Do not use any sharp object when removing the button cell.
- 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.

► **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 Power is so low that no RF exposure calculation is needed.

► CE statements

Declaration of Conformity

Hereby, Qingdao Geoid Intelligence Technology Co., Ltd declares that the radio equipment type H5500 is in compliance with directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

<https://www.magenefitness.com/certificate.html>

GEOID

GEOID Heart Rate Monitor

Model	HS500		
Nominal Voltage	3V(CR2032)		
Nominal Capacity	240mAh(CR2032)		
Ref.Weight	3.0g(CR2032)		
Manufacturer	Qingdao Geoid Intelligence Technology Co., Ltd		
Address	No.2 AWS, Road, Licang District,		
<table border="1"><tr><td>EC</td><td>REP</td></tr></table>	EC	REP	Qingdao Shandong China
	EC	REP	
	WSJ Product LTD(for authorities only)		
	Eschborner Landstraße 42-50		
60489 Frankfurt am Main,Hessen, Germany			

