



Instruction Manual



01. Product Information and Safety Notice

Battery warning

The device has a built-in rechargeable button battery. If the following guidelines are not followed, the battery life of the device may be shortened or the device may be damaged which may cause fire, chemical burns, electrolyte leakage, and risk of injury.

- **Do not** disassemble, modify, puncture, or damage the device and battery.
- **Do not** expose equipment and batteries to flame, explosion, or other hazards.
- **Do not** remove the battery with sharp objects.
- **Do not** immerse the device or battery in water or other liquids.
- The equipment is used in an environment of $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$.
Do not operate outside the specified temperature range.
- **Do not** expose the device to heat sources or hot areas, direct sunlight, the sun, or unmanned cars.

- If the device is to be left for a long time, place it within the temperature range specified in the manual.
- **Do not** use a power/data transmission cable that has not been certified by our company.
- **When** disposing of the equipment battery, please follow the corresponding local laws and regulations, or consult the local waste disposal department.



WARNING: Failure to heed the following potential hazards can result in death or serious injury.

02. Usage Notices

1. The device is only suitable for monitoring heart rate and blood oxygen data of infants and young children.
2. The data measured by the equipment is for reference only! It cannot be used for medical purposes such as diagnosis, monitoring, treatment, or prevention of any disease and symptom. The company is not responsible for the consequences of any data errors.
3. The bracelet should be worn on the infant's wrist (as shown in the figure below). Any other wearing positions may cause abnormal data or no data at all.





4. **Please** make sure that the monitor is close enough to the skin and in good contact when wearing it (as shown in the figure). Any loose wearing will cause abnormal data.
5. **Do** not look directly at the green light of the sensor as this may result in discomfort to the eye.
6. This device is only used to monitor the heart rate and blood oxygen data of infants and young children under a static state. The data may be abnormal while the child is under an exercise state.
7. **No** data or delayed data can be caused by the inappropriate wearing for the first time. Please retry from scratch as per the instruction above.
8. It can take a couple of minutes from placing the bracelet on the wrist for the data to be read correctly.

03. Quick Start Guidance

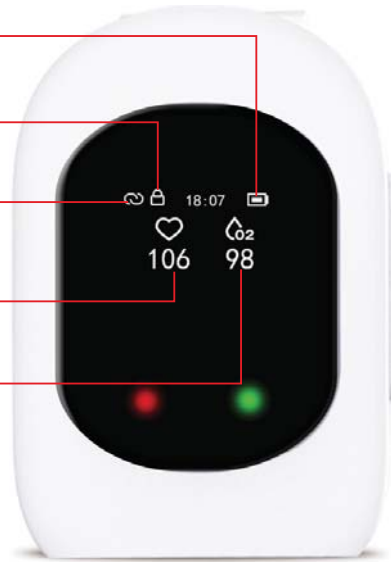
Battery status

Lock screen identification

Pairing identification

Heart rate data

Oxygen level data



Master monitor



Bracelet

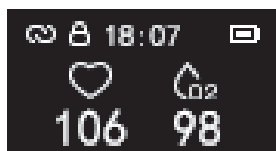
“+”

“-”

1. **W**hen the device is off, press button “+” for 3 seconds to turn on the device. Long press button “+” on the main interface for 3 seconds to shut down the device.
2. **W**hen the device is on, press and hold the “+” and “-” button at the same time to activate the lock/ unlock the screen.
3. **S**hort press “+” and “-” to page up and down for volume adjustment, alarm threshold adjustment, date and time adjustment options.

After the bracelet is turned on, it will continuously monitor the infant's / baby's heart rate and blood oxygen level. Meanwhile, the data will be reported to the master monitor in real-time.

04. Interface Introduction



Main interface



Date setting



Timing setting



Historical tracking



No data



Parameter setting



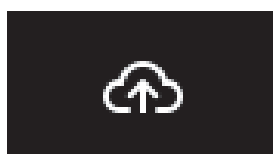
Volume setting



Restart interface



Return interface



Upgrade interface

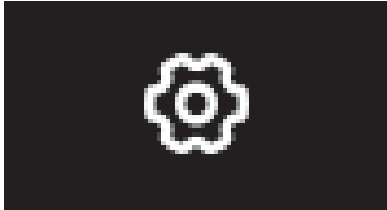


Pairing interface



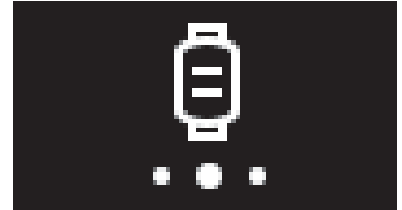
Pairing success

05. Devices Pairing Setting



Setting interface

Long press “+” to
enter the page



Pairing interface

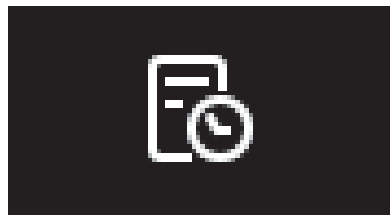


Pairing success

The Master monitor and bracelet have been paired before delivery. If you need to re-pair, follow the guidelines below.

1. **After entering the pairing interface, the “+” button of both master monitor and the bracelet should be held simultaneously for 3 seconds for pairing. Once the pairing is successful, the master monitor and the bracelet will display the pairing success icon at the same time.**
2. **The master monitor and the bracelet must be kept within 10 meters for pairing.**
3. **Please ensure that the device has sufficient power for the first use. If the device cannot be powered on, please use the charger provided and fully charge before using.**

06. Historical Data Tracking

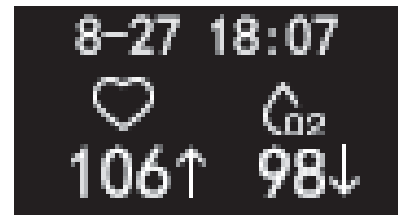


History

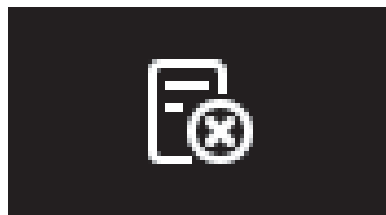
Long press “+” to
enter the page



Long press “+” to
return to the main
interface



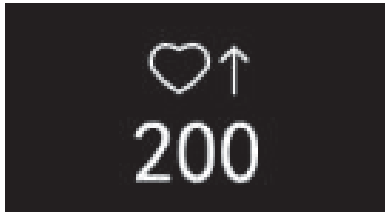
Historical Data



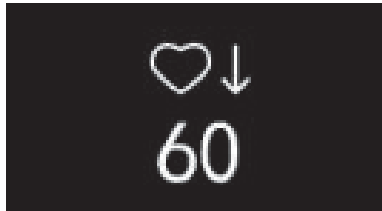
No Data

1. Data will be recorded every 1 hour and can be stored for 3 days.
2. Short press “+” and “-” to scroll up and down to view the data in different periods.
3. “↑” indicates that the monitoring data is higher than the set parameter, and “↓” indicates that the monitoring data is lower than the set parameter.

07. Parameter Setting



Heart rate (high)
parameter



Heart rate (low)
parameter



Blood oxygen
level parameter



Note: Heart rate default settings are currently set at 60bpm - 200 bpm and you will be alerted if levels go outside these limits. Oxygen levels are set at 90%. To modify these parameters please follow the steps below.

1. Long press “+” to enter the heart rate parameters or to adjust the blood oxygen level.
2. Short press “+” to increase the value, short press “-” to decrease the value. Long press “+” to confirm parameters. Repeat the process to change values as required.
Please note that the highest value for heart rate can be set to 220bpm, the lowest value for heart rate can be set to 50bpm. The lowest blood oxygen level can be set to 70%.
3. After setting your levels press and hold the “+” to confirm and return to the main interface.

The alarm goes off when the data is either higher or lower than the set parameters.

08. Other Settings



18:07

Timing setting

- Long press “+” to enter the hour and minute settings in turn.
- Short press “+” to increase the value, short press “-” to decrease the value.
- After setting, long press “+” to confirm and return.



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Date setting

- Long press “+” to enter the year, month, and day settings.
- Short press “+” to increase the value, short press “-” to decrease the value.
- After setting, long press “+” to confirm and return.



Volume setting

- Long press “+” to the volume setting.
- The device has 3 volume levels.
- Short press “+” to increase volume, short press “-” to decrease volume.
- After setting, long press “+” to confirm and return.

09. Devices Charging



Warning: The product has a battery built in. Please read the Safety warning and Product Information Notice before using.

To prevent the charging port of the device from rusting, please wash the device with clean water and wipe it to keep it clean and dry. Before charging, please make sure the charging port and its surroundings are completely dry.



When the battery is low or the devices are in charging mode, the red light will flash. When the devices are fully charged, a steady green light will be displayed.

10. Product Basic Information

Display screen: 0.5-inch PMOLED

Strap: Food-Grade Silicone Strap

Battery capacity: Master monitor 35mAh, Bracelet 70mAh.

Waterproof rating: IP67

Standby time: Master monitor ≥ 24 hours, Bracelet ≥ 12 hours

Charging interface: USB magnetic charging

Packaging: Master monitor * 1, Bracelet * 1, USB magnetic charging cable * 1, Instruction manual * 1

Main functions: Heart rate monitoring and blood oxygen level monitoring for infants and young children.

11. Q&A

How to understand heart rate?

The device's heart rate detection applies to photoelectric transmission measurement (PPG). In principle, the sensor of the device in contact with the skin will emit a beam of light to the skin so the reflected / transmitted light can be measured. Since the blood pressure absorbs light at a specific wavelength, the wavelength is absorbed a lot when the heart pumps blood. Thus, the heartbeat can be determined. However, it consumes a lot of power and is also affected by ambient light. Although the accuracy of the photoelectric measurement method might be affected by external environment interference. For individuals, the importance of device heart rate monitoring is that it can be monitored continuously and the relevant change tendency Analysis is still relatively valuable.

Will the radiation cause harm to the baby if it's worn all the time?

The radiation value of the device is far less than the FCC standard in the United States and it will not cause any radiation hazard to the baby.

What should I do if the bracelet and the master monitor cannot be paired?

- Please make sure that the device is powered on, and the master monitor and bracelet are within 10 meters.
- Due to the weak signal interference in Bluetooth wireless connection, there may be a difference in pairing times. If the devices fail to be paired for a long time, please shut them down and then restart.

Why can't the devices be charged?

Please confirm whether the PIN of the charging base is aligned with the charging port of the devices. When the battery is low, it will require a period of battery pre-charge time.

What if the historical data cannot be tracked in the master monitor?

- **M**ake sure that the master monitor and bracelet are paired successfully. When the master and the bracelet are paired successfully, the data will be automatically synchronized to the master monitor.
- **I**f the pairing is successful but the data cannot be synced, please restart the device and re-pair the devices.

12. Product Maintenance and Warranty

1. Both the master device and bracelet will enjoy a one-year warranty from the date of purchasing and the other accessories are guaranteed for free within three months from the date of purchasing.
2. The following conditions are not covered by the warranty. For non-guaranteed products, the repair outlets will all be repaired in accordance with the charges outside the warranty:
 - The master device, bracelet, and accessories have been used abnormally or incorrectly, stored under abnormal conditions, unauthorized disassembly, or modification. Damage caused by accident or improper installation.
 - Failure or damage caused by maintenance services and personnel not authorized by the company.
 - Malfunction or damage caused by improper use, unauthorized disassembly, broken seals, or man-made.
 - Damage caused by force majeure such as earthquake, flood, war, etc.

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.

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.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.