



Baby Sock

User Manual

WARNING

- This product is a general wellness product, not a medical device. It does not replace medical diagnosis, professional supervision, or under adult supervision.
- This product is intended for babies up to 18 months. If your baby has congenital conditions, is premature, or requires hospital-grade monitoring equipment, consult a doctor before use.
- Always follow safe sleep practices. This product does not replace adult supervision.
- For babies with sensitive skin, remove the device immediately if redness, swelling, or skin irritation occurs.

Disclaimer

This product is a general wellness product, not a medical device. It does not replace medical diagnosis, professional supervision, or direct adult care. Users assume all risks associated with its use. Shanghai Berry Electronic Tech Co., Ltd., its members, employees, partners, and affiliates shall not be liable for any

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Product Overview

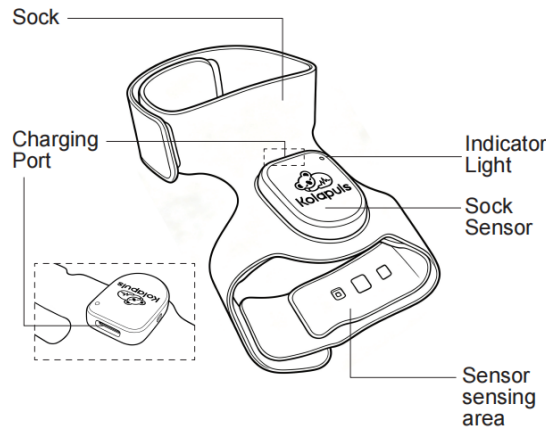
Product: Baby Sock

Model: MSB10

1.1 How the Baby Sock Works

The Baby Sock is a general wellness product designed specifically for infants and toddlers. By wearing the Sock Sensor on your baby's foot, it collects data such as blood oxygen saturation, pulse rate, and foot temperature during sleep, and detects abnormal conditions such as blanket-kicking, crying, or vital signs falling outside safe thresholds.. Parents receive alerts through the Wrist Receiver, allowing them to care for their baby with greater peace of mind.

• Sock Sensor



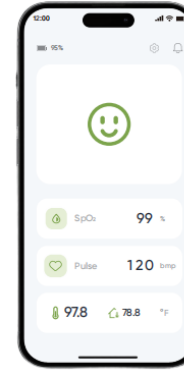
Worn on baby's foot to collect sleep-time readings. It picks up common sleep-time events such as kicking off blankets, fussing/crying, and readings that move **outside the preset range**.

• Wrist Receiver (optional)



Worn by caregivers. Delivers vibration + beep alerts when unusual readings are picked up.

• Wrist Receiver (optional)



View readings on your phone and receive phone vibration + beep alerts for unusual events.

1.2 What Age and Size Is the Baby Sock For?

The Baby Sock is intended for infants and toddlers from 1 to 18 months of age, and comes in two sizes based on weight:

- Size S fabric sock: for babies weighing less than 5.4 kg (12 lb)
- Size M fabric sock: for babies weighing 5.4 kg to 13.5 kg (12–30 lb)

This product is suitable for healthy infants and toddlers aged 1–18 months. For babies older than 18 months (18–24 months), the sock can still be worn comfortably as long as their weight does not exceed 13.5 kg (30 lb). If you have any questions, please contact our customer support team with your baby's weight, age, and foot measurements.

1.3 What Is Included in the Box

- Sock Sensor
 - Wrist Receiver (supports multiple alert methods including vibration, audible alarm, and on-screen display)
 - Size S socks
 - Size M socks
 - Charging cable
 - Quick Start Guide
- (The App must be downloaded and installed separately.)

1.4 Features of the Baby Sock

【Sock Sensor】

- Senses your baby's foot conditions
- Detects your baby's cries
- Detects your baby's movements

【Wrist Receiver / App】

- Receives readings from the sock sensor
- Out-of-Range Alerts: Notifies you when readings move outside the preset range
- Cry Alerts: Notifies you when your baby has been crying for an extended period
- Blanket Alerts: Notifies you when the blanket appears to have been kicked off

Before You Begin

2.1 Unboxing Inspection

After opening the box, please carefully check that the following items are all present:

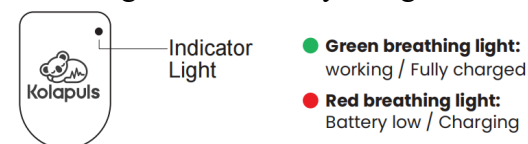
- Sock Sensor × 1
- Wrist Receiver × 1
- Size S socks × 3
- Size M socks × 1
- Charging cable × 1
- Quick Start Guide × 1

If any item is missing or damaged, please contact customer support.

2.2 Charging

Before first use, fully charge the Sock Sensor:

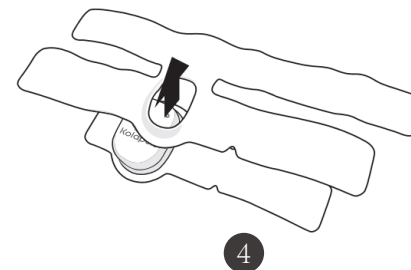
- Use the charging cable to connect the Sock Sensor to a power adapter (sold separately)
- The indicator light flashes red while charging
- The indicator light flashes green when fully charged



When the Sock Sensor battery drops below 30%, the Wrist Receiver will notify you.

2.3 Attaching the Sock Sensor to the Sock

Choose the appropriate sock size (S or M) based on your baby's current weight. Align the positioning Velcro on the Sock Sensor with the corresponding patch on the back of the sock, press firmly, and make sure the two are securely attached.



How to Use and Set Up the Baby Sock

3.1 Using the Baby Sock

3.1.1 Turning On the Sock Sensor

Before use, shake the Sock Sensor back and forth for 5 seconds. When the indicator light flashes green, the device is powered on and ready to work.

Note: For first-time use, the device must be activated by plugging it in. If the device is left unused for an extended period and the battery becomes too low, it will power off automatically. Before using it again, plug it in to activate and charge the device.

3.1.2 Wearing the Baby Sock to Take Readings

- Place the assembled sock on your baby's left foot.

⚠ IMPORTANT: To ensure the sensor window is in the optimal position for taking readings, the sock must be worn on the left foot.

- Position the sock with the Sock Sensor housing facing up, on top of your baby's foot.

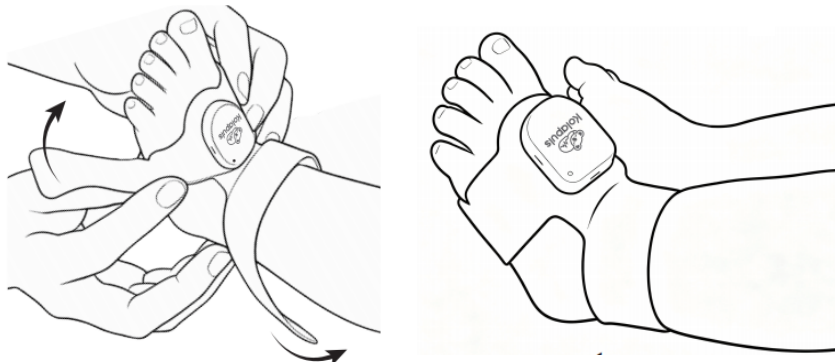
- Align the sensor window with the outer side of the baby's foot (where the top of the foot meets the sole).

⚠ IMPORTANT: The sensor window will flash red intermittently while taking readings. Avoid looking directly at it.

- Secure the Velcro strap on the bottom of the sock that holds the foot in place, making sure the sole of the sock lies flat and wrinkle-free.

- Wrap the ankle strap around the ankle and adjust it to a comfortable snugness, as shown in the figure below.

Note: After putting on the sock, it should be secure and not shift around, but not too tight. As needed, adjust the position of the sensor window every 2 hours.



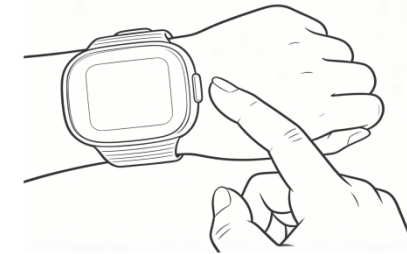
3.1.3 Finishing Use of the Baby Sock

After use, remove the sock from your baby's foot and store it in a safe place. If the Sock Sensor detects no activity for 5 minutes, it will power off automatically.

3.2 Using the Wrist Receiver

3.2.1 Turning On

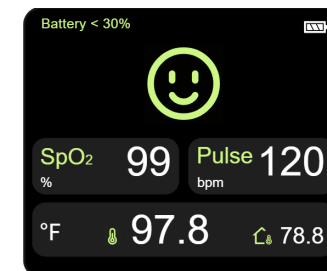
Press and hold the side button on the watch for about 3 seconds to turn it on; the screen will light up. The Wrist Receiver connects automatically — no phone pairing is required. Once connected, the screen displays your baby's data in real time. Press the button briefly to flip the screen orientation.



3.2.2 How to Confirm a Proper Connection with the Sock Sensor

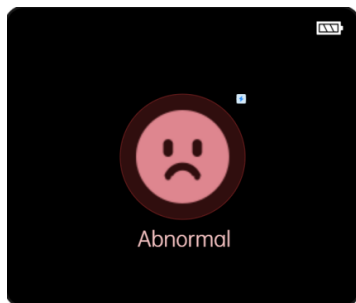
Confirm the sock is on your baby's foot correctly and that the sock sensor's LED is flashing green. When the connection is successful, the readings will be displayed on the wrist receiver's home screen:

- A green smiley face when all readings are within the normal range



3.2.3 How the Wrist Receiver Issues Alerts

When the device detects persistent crying, or outside the preset range, the Wrist Receiver immediately alerts you with vibration and an beep alerts, and a red alert icon appears on the screen. We advise you to check on your baby right away.

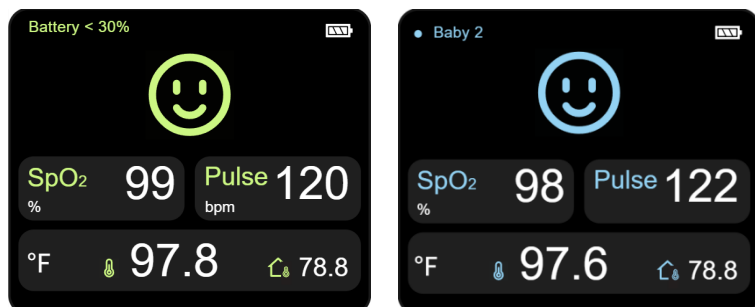


Note: Press and quickly release the Wrist Receiver button to pause the vibration and audible alarm. Alerts resume after 5 minutes. Pressing the button briefly cancels the alert, which will not repeat for 5 minutes. This product is designed for use while your baby is sleeping. For best results, use it in a quiet environment with the sock properly worn to avoid false alerts.

【Sock Sensor Battery Alert】 When the Sock Sensor battery drops below 30%, a battery alert icon appears in the upper-left corner of the watch screen.

3.2.4 Two-Baby Mode

When two babies are using Sock Sensors at the same time, the Wrist Receiver screen automatically switches between each baby's data every 5 seconds.



3.3 Using the App

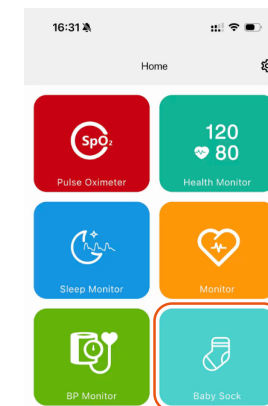
3.3.1 Downloading and Installing

Scan the "Berry Smart Health" QR code with your phone, or download the App from <https://web.berry-med.com/#!/app>. The App supports iOS 15.5 and above / Android 10 and above.



3.3.2 Registration and Pairing

Open the App, follow the prompts to register/log in with your phone number, enable Bluetooth permission on your phone, and select the "Baby Sock" icon to view the readings from the Baby Sock.



3.3.3 How to Confirm a Proper Connection with the Sock Sensor

Make sure the sock is properly placed on your baby's foot, and that the LED indicator on the sock sensor is blinking green. Once connected, the readings will appear on the app's home screen:

- ♦ A green smiley face when all readings are within the normal range(as figure 1)

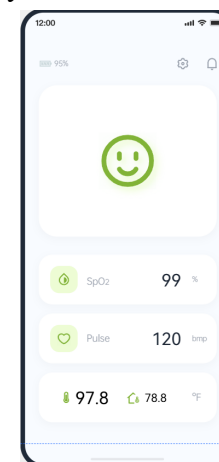


Figure 1

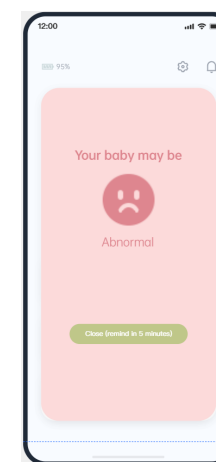


Figure 2

3.3.4 How the App Issues Alerts

When the device detects persistent crying, blanket-kicking, or outside the preset range, the App immediately alerts you with vibration and a notification sound, and a red alert icon appears on the screen. We recommend checking on your baby right away.(as figure 2)

Note: Tap the icon in the upper-right corner of the screen to pause the vibration and audible alarm.

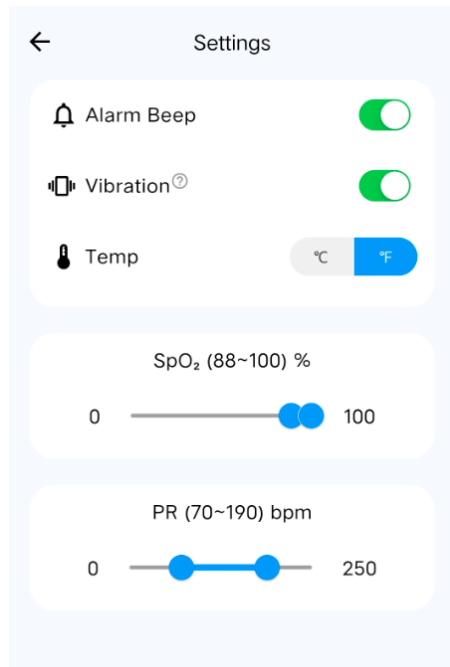
【Sock Sensor Battery Alert】 The App home screen displays the Sock Sensor battery level in real time.

3.3.5 Settings

Tap the "Settings" icon to make the following adjustments:

- Temperature unit switch: Celsius / Fahrenheit (default: Fahrenheit)
- Alert threshold adjustment: default thresholds are provided and can be adjusted as needed

We recommend enabling notification permissions for the "Berry Smart Health" App in your phone settings and allowing it to run in the background to ensure timely delivery of alerts.



Precautions

4.1 Usage Notes

- Charge the sock sensor on a regular schedule. We recommend charging after every use session..
- The fabric socks are made for your baby. Inspect for wear on a routine basis and replace socks once they become worn.
- If your wrist receiver or mobile App shows no incoming readings: double-check the sock is properly fitted on your baby's left foot, and confirm the sock sensor shows a blinking green indicator light. If issues persist, reach out to our customer-support team.
- If your device malfunctions, contact customer support. Do not attempt to take apart or repair the unit yourself.

4.2 Operating Environment Requirements

- Operating temperature: 59°F to 86°F (15°C to 30°C)recommended
- Avoid exposing the device to high temperatures, high humidity, or strong magnetic fields
- The effective communication range between the Wrist Receiver and the Sock Sensor is within 10 meters (33 feet)

4.3 Charging Safety

- Keep the device away from your baby while charging to avoid the risk of swallowing small parts
- Charging voltage: DC 5V; charging time is approximately 2 hours
- Do not use the device while it is charging

Minimum requirements for the power adapter (sold separately):

1. Safety standard: Must be certified by an NRTL (such as UL) and comply with UL 1310 (Class 2 power unit);
2. Electromagnetic compatibility: Must comply with the FCC Part 15 Class B limits.

Troubleshooting

The following are common issues encountered during use and their solutions:

Issue	Solution
The Sock Sensor does not work	Check whether the battery is depleted. Connect the charging cable and charge for 15 minutes, then try again. If the indicator light does not respond, please contact customer support.
The Wrist Receiver does not receive alerts	Make sure the Wrist Receiver is within 10 meters (33 feet) of the Sock Sensor, and confirm that the Sock Sensor is working properly.
Readings are abnormal	Check whether the sock is positioned correctly and whether the sensor window is aligned with the outer side of the foot; make sure the sock is not too loose or too tight.
The Wrist Receiver will not turn on	Connect the charging cable and charge for 15 minutes, then try again. If it still will not turn on, please contact customer support.
The Sock Sensor charging indicator does not light up	The Sock Sensor charging indicator does not light up

Specifications

6.1 Sock Sensor (Model:BSM10-1) Specifications

Item	Specification
Sock Sensor dimensions	L: 98 mm × W: 35 mm × H: 12 mm
Size S fabric sock	L: 180 mm × W: 60 mm × H: 2 mm
Size M fabric sock	L: 205 mm × W: 63 mm × H: 2 mm
Sock Sensor housing material	PC/PET
Fabric sock material	White Loop Fabric (Polyester)
Net weight	13.5 g (Size S fabric sock + Sock Sensor)
Water resistance rating	IP22
Battery	Rechargeable lithium battery, 80 mAh, nominal 3.7 V
Battery life	Up to 24 hours on a full charge
Charging method	USB Type-C charging, approximately 2 hours, 5 V charging voltage
Communication	Low-power Bluetooth BLE 5.0
Indicator light	Indicates battery level, charging status, working status, and Bluetooth connection status
Auto power-off	Powers off automatically when no readings are detected for 5 minutes

6.2 Wrist Receiver (Model:BSM10-2) Specifications

Item	Specification
Dimensions	Approx. L: 56 mm × W: 57 mm × H: 14 mm
Net weight	Approx. 34 g
Water resistance rating	IP22
Battery	Rechargeable lithium battery, 330 mAh, nominal 3.7 V
Battery life	Up to 20 hours on a full charge
Charging method	USB Type-C charging, DC 5 V ± 5% charging voltage
Display	1.83-inch LCD screen
Alert parameters	Crying, blanket-kicking, outside the preset range
Two-baby mode	Automatically switches between each baby's readings every 5 seconds
Alert methods	Vibration motor + buzzer
Screen-off condition	Screen turns off after 30 seconds with no button press and no alerts
Auto power-off	Powers off automatically after 2 hours of receiving no data from the Sock Sensor

6.3 App Specifications

Item	Specification
Supported operating systems	iOS 15.5 and above / Android 10 and above
Alert parameters	Crying, blanket-kicking, outside the preset range
Two-baby mode	Both babies' data displayed on a single screen
Temperature unit	°F by default; can be switched to °C
Alert thresholds	Default values provided; adjustable
Bluetooth requirement	Bluetooth 4.2 or higher

Care and Maintenance

7.1 Routine Cleaning

- ♦ Wipe the surface of the Sock Sensor with a slightly damp soft cloth. Do not immerse it in water or machine-wash it.
- ♦ Make sure the device is completely dry before using it again.

7.2 Charging and Storage

- ♦ When not in use, keep the Sock Sensor connected to the charging cable to maintain sufficient battery level.
- ♦ Fully charge the device before long-term storage, and recharge it every 3 months.
- ♦ Store in a cool, dry place away from high temperatures and humidity.

7.3 Replacing the Socks

We recommend having multiple pairs of fabric socks on hand for rotation to keep them clean and dry. If you need to purchase additional accessories, please visit our official store.

Shipping and Storage Conditions

Please observe the following conditions when shipping and storing this product:

- ♦ Ambient temperature: -20°C to +55°C (-4°F to +131°F)
- ♦ Relative humidity: ≤ 85% (no condensation)
- ♦ Avoid severe vibration, heavy pressure, rain, and chemical corrosion
- ♦ Stacking limit: no more than 5 layers
- ♦ Keep the packaging intact during shipping

After-Sales Service

9.1 Warranty Coverage

- ♦ 1-year limited warranty from the original purchase date, verified by sales receipt.
- ♦ Our warranty is limited to free replacement and device repair, excluding shipping costs.
- ♦ This warranty applies to all countries and regions where this product is offered.
- ♦ Users are responsible for all liabilities arising from improper operation.
- ♦ We reserve the right to modify these warranty terms at any time without prior notice.

This warranty does not cover batteries, improper use, modification, or shipping damage.

9.2 Service Contact

Shanghai Berry Electronic Tech Co., Ltd.

Room 102, Building 8, No. 1188 Lianhang Road, Minhang District, Shanghai, China, 201112

Customer Support: sales@pepultech.com

Important Information

10.1 FCC Warning

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,
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE 2: 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.

10.2 General Wellness Product

This product is a General Wellness Product. It is intended to help parents monitor and manage abnormal behaviors of infants and toddlers during sleep or when parents are briefly unable to attend to them. As part of a healthy lifestyle, it enhances parents' ability to manage their baby's health by alerting them to such abnormal behaviors. For example, it uses AI algorithms to identify and

track the baby's condition during sleep (abnormal behaviors such as crying and blanket-kicking), estimates physiological parameters during sleep, and promptly alerts parents to provide comprehensive sleep care for the baby.

- ♦ Are non-invasive and not implanted;
- ♦ Do not involve an intervention or technology that may pose a risk to the safety of users or other persons if specific regulatory controls are not applied;
- ♦ Are not intended for the diagnosis, cure, mitigation, prevention, or treatment of a disease or condition;
- ♦ Are not intended to substitute for an FDA-authorized, cleared, or approved device;
- ♦ Do not include claims, functionality, or outputs that prompt or guide specific clinical action or medical management; and
- ♦ Do not include values that mimic those used clinically.