



BABI



**BABI ANGEL ALARM
USER MANUAL**

Product Specification:

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|---------------------------------------|--|
| Product Name | BABI ANGEL ALARM |
| Product Code | BAA1001 |
| Alarm Dimensions | 82*78*33mm |
| Operating Temperature | -20°C to +70°C |
| Charger Input | DC 5V 0.5A |
| Communication Technology | Bluetooth Low Energy V4.2 |
| Transmission Power | 3.5mW |
| Alarm Input (Rechargeable) | 3.7V Li-Po Battery, 750mAh, 2.775Wh |
| Operating Range | Up to 75m (Open Spaces) |
| High Quality Speaker | 4Ω 3W |

Note: Please read this manual carefully before using the device, and observe the safety rules listed and keep it for future reference.

What is in the Box:

1 x BABI Angel Alarm



1 x USB to Micro USB Cable



1 x Power Adapter USB Charger



1 x User Manual Booklet



Product Description:

BABI Angel Alarm is an accessory device designed to be used with a BABI Angel Monitor Bracelet. For those who do not want to use a smart phone App, this product works directly with the Babi Angel Monitor bracelet as the primary alarm. For those using the **BabiCare** mobile phone App, this device can be used as a secondary primary alarm.

Note: One BABI Angel Alarm can will work with up to 4 Babi Angel monitor bracelets. The Angel Alarm will receive alerts from the angel monitor bracelet directly when:

1. The infants Body Temperature is out of range;
2. The Blood Oxygen Level is out of range;
3. The Heart Beat Rate is out of range;
4. The connection with the bracelet is lost;
5. The bracelet is removed;
6. The infant awake (continual movement is registered).

The Angel Alarm will sound some audio alert sounds followed by a verbal message advising the relative problem or notification. A **Red** LED light will flash as a visual alert. These alerts will continue until any button is pressed on top of the alarm device.

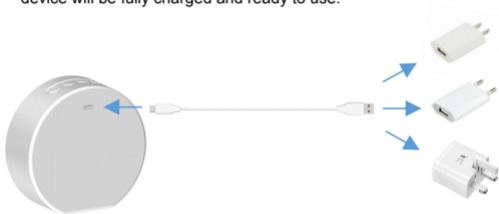
Modes of Operation:


1. **Stand Alone Mode:** The device is used without a mobile phone App and is the primary alarm source. Note: Up to 2 Babi Angel Alarm units can be used at the same time per bracelet.
2. **Dual Use Mode:** The device is used together with a mobile phone App by which both the device and App will both be primary alarms.

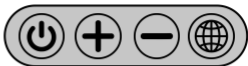
Using the BABI Angel Alarm:








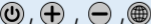
Setting up and using the BABI Angel Alarm is the same for both modes of operation.

- 1) First charge the device for a minimum 2 hours. Plug the USB cable into the back on the device and into the power adapter.
- 2) While charging, a **Green** LED light will flash.
- 3) When the **Green** LED light stops flashing and is fixed **Green**, the device will be fully charged and ready to use.



- 4) Ensure the device is switched on by pressing the  button until the **Green** LED light appears and a verbal confirmation is heard.
- 5) When the device is used for the first time, when disconnected from the charger, the LED light will flash **Blue**, this indicates the device needs to be paired with the Babi Angel Monitor Bracelet so they communicate together. (Note: 1 Babi Angel Alarm device can be used with up to 4 Babi Angel Monitor bracelets)



| | |
|---|---|
|  | Power On and Off switch Button |
|  | Increase Volume control Button |
|  | Decrease Volume control Button |
|  | Language Selection Button |
|  | Press Together for Pairing the Devices |
|  | Press Together for Activating and Deactivating the Audio "Listen In" function |
|  | Press Together for Activating and Deactivating the movement sensor function |
|  | Press Any Button to Turn Off an Alarm raised |

Setup the Babi Angel Alarm:

1. When the device has a flashing **Blue** LED light, the device pairing is required, press the **Power** and **Language** Buttons at the same time, the **Blue** LED light will flash faster until the devices are paired and are communicating. There will be a verbal confirmation message given when the device is connected.
2. The LED light will return to a fixed **Green** to confirm the device battery is charged and power is on.
3. Select the required language: Press and depress the **Language** button until the required language is communicated verbally.
4. To Enable or Disable the Audio "Listen In" function, press the **Power** and **+VOL** buttons together. Until a verbal confirmation message is received: Baby Audio Monitor is ON or Baby Audio Monitor is OFF
5. To Enable or Disable the Movement sensor function, press the **Power** and **-VOL** buttons together. Until a verbal confirmation message is received: Baby Movement Sensor is ON or Baby Movement Sensor is OFF.
6. To set the alarm device volume:
 - a) Press **+VOL** button to increase volume
 - b) Press **-VOL** button to decrease the volume



Using the Babi Angel Alarm:

1. Once the device is paired and setup and ready to use. The alarm device can be left connected to the power adapter which will keep the device batteries charged at all times.
2. The Babi Angel Alarm will now connected to the angel monitor bracelet will communicate with each other. The Angel alarm will be on standby waiting for instruction from the angel monitor bracelet which is continuously monitoring the infant.
3. When the health parameters monitored are normal, the battery level is ok and power is on, the bracelet is fitted or no movement is sensed. The Alarm unit will not sound any audio alerts, not communicate any notifications verbally or give any visual LED light flashing alert. Until there is a situation that requires an alarm or a verbal notification.
4. When the **Body Temperature** goes out of the prefix safety range the **Red** LED light at front of the alarm will flash continuously, three loud sounding alerts are sounded, followed by a verbal notification: «Temperature out of range» followed by 3 loud alerts. This will repeat until the user presses any one of the 4 buttons on the device as an acknowledgement that the alarm has been received and a preventive action will be taken.

5. When the **Heart Rate** goes out of the prefix safety range the **Red** LED light at front of the alarm will flash continuously, three loud sounding alerts are sounded followed by a verbal notification: «Heart Beat Rate Out of Range» followed by 3 loud alerts. This will repeat until the user presses any one of the 4 buttons on the device as an acknowledgement that the alarm has be received and a preventive action will be taken.
6. When the **Blood Oxygen Level** goes out of the prefix safety range the **Red** LED light at front of the alarm will flash continuously, three loud sounding alerts are sounded followed by a verbal notification: «Blood Oxygen Level out of range» followed by 3 loud alerts. This will repeat until the user presses any one of the 4 buttons on the device as an acknowledgement that the alarm has be received and a preventive action will be taken.
7. When the **Movement Sensor** is activated indicating Awake State Activity, the **Red** LED light at front of the alarm will flash continuously, three loud sounding alerts are sounded followed by a verbal notification: «Movement Detected» followed by 3 loud alerts. This will repeat until the user presses any one of the 4 buttons on the device as an acknowledgement that the alarm has be received and a preventive action will be taken.

8. When the **Bracelet is Removed** by the infant or by itself, the **Red** LED light at front of the alarm will flash continuously, three loud sounding alerts are sounded followed by a verbal notification: «Bracelet Removed» followed by 3 loud alerts. This will repeat until the user presses any one of the 4 buttons on the device as an acknowledgement that the alarm has been received and a preventive action will be taken.

9. When the bracelet **Loses Connection** due to bad communication or loss of power, the **Red** LED light at front of the alarm will flash continuously, three loud sounding alerts are sounded followed by a verbal notification: «Connection Lost» followed by 3 loud alerts. This will repeat until the user presses any one of the 4 buttons on the device as an acknowledgement that the alarm has been received and a preventive action will be taken.

10. When the bracelet **Battery has a Low Level** charge a verbal notification is given the **Red** LED light will flash, three loud sounding alerts are sounded followed by a verbal notification: «Battery Low» the device will then need to be put on charge.

Warranty

The product is guaranteed against any non-conformity defect with normal operational conditions of use, as provided by the instructions for use. The warranty shall not therefore apply in the case of damages caused by improper use, wear or accidental damage events. For the duration of warranty on conformity defects please refer to the specific provisions of national laws applicable in the country of purchase, where provided.

General Warnings

- Do Not allow any packaging materials (plastic bags, cardboard boxes, etc.) that can be hazardous to be left with a child.
- Before using the device, make sure that is not damaged, otherwise contact the dealer and do not use the device.
- To prevent the risk of overheating, ensure the product is not exposed to excess heat, naked flames or direct sunlight.
- While the device is not waterproof, its is recommended that the immersion in water should be avoided.
- This product contains a lithium polymer rechargeable battery the necessary precautions must be taken when disposed of.

User Responsibility

Babi Angel Alarm is designed to receive alarms and notifications to alert the user of the any potential health parameters changes of an infant whilst they are asleep. The product communicates with the Babi Angel Monitor bracelet and receives data to raise an emergency alarm as a preventive action and allow an early intervention of necessary action to be taken to ensure the safety of the infant. This product does not guarantee the overall health of an infant, it is a monitoring device alarm unit which alerts certain criteria as laid out in tis manual. The product does not eliminate users' responsibility for the overall care of any infant whilst they sleep. Whilst the device indicates there are potential parameters changes as an early warning device whilst the infant is asleep, it does not guarantee that the user will conclusively prevent any unpreventable, misfortunate circumstance or fatality. This product is an alarm device controlled by the monitoring device and cannot be responsible for any unpreventable occurrences or guarantee anything in terms of the state of health of any infant or in the case that the user takes no action on the alerts provided.

The use of this product is as a principal alarm with both visual and audio alerts. It is the responsibility of the user to ensure that:

- 1) The Alarm device connects to the Babi angel monitor bracelet.
- 2) The Bracelet and Alarm is charged and in working order.
- 3) The Bluetooth connection is paired and switched ON.
- 4) The Alarm device Volume is loud enough to ensure that the user will be awoken when an alarm is raised.

Note: This is a safety monitoring alarm device and it must be switched ON to be effective.

Declaration of Conformity

BABI Ltd hereby declares that Babi Angel Alarm is in conformity with the essential requirements and the related established by EU directives. The product is CE Certified and is EMC, RED, REACH and ROHS compliant. The product is FCC and IC certified. All the relative documents and certifications are available upon request.



Manufacturer

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MADE IN CHINA

Customer Service

For additional information and assistance, please contact the email address:

sales@babisit.com or tech@babisit.com

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

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.

Radiation Exposure Statement

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



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