

About the product

BABI smart cushion is a universal sensing device that fits all car baby seats, designed to detect the presence of an infant sat in their Baby Car Seat. BABI is a baby safety device that first alerts the guardian via an APP that the baby has been abandoned in a vehicle. The APP will send an audible alert sound or phone ring, whilst alerts visually by lighting up and flashing the phone screen and a vibration alert. This state of alarm will remain until the infant has been removed from its baby car seat.

If the guardian does not respond to that alert within a short time, then an Alarm message is sent to a preset number of phone numbers of parents, child minders, grandparents or friends. The alarm message sent will inform others of the abandonment event and gives them the GPS Map co-ordinates of the event location.

What's in the box

- 1 x BabI Smart cushion
- 1 x Instruction Manual

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Fig. 7

- Figure 7 shows an example of the main QR Code. This unique QR code needs to be scanned by all other associated users to register, connect and use with the BabI Smart Cushion. It also allows them to receive the Emergency Alarm Messages.

Technical specifications

- Android compatible with OS 4.4 and above.
- iOS compatible with OS 10.0 and above.
- Communication Bluetooth Low Energy.
- Transmission power: 2.51mW.
- Power: replaceable 3V CR2450 primary battery.
- Operating temperature: -20°C to +70°

Getting started with BABI

Remove the BABI Smart cushion from the box and place it on the baby car seat. Feed the baby car seat safety belt buckle through the slot in the BABI smart cushion. Make sure the BABI logo on the smart cushion is facing upwards. As is shown in figure 1.



Fig. 1

- Once the associated users have scanned the Master QR Code their phone numbers and details will be listed under associated users seen also in Figure 6.
- Operating the device on every journey when the infant is not present in the Baby Car seat a faded image of the infant will be seen on the screen as shown in Figure 8.
- Once the infant is placed on the BABI smart cushion in their Car Seat, the infants image will change from a faded image to a clear full color image indicating that the infant is present.



Not in seat

Jack



In the seat

Jack

Fig. 8

- The device in the BABI smart cushion will keep in contact to the phone App monitoring the presence of the infant. When the child is removed from the seat and leaves the vehicle normally then the device goes into sleep mode. The device reactivates the next time an infant is placed on the BABI smart cushion.

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Product Setup and Registration

- Download the BABISIT Application from an App store or relative play store depending if the phone requires an iOS or Android application.
- Once the App is successfully uploaded to the phone will display the screen shown below Fig 2.



Fig. 2



Fig. 3

- When the infant is left unattended in the seat and the guardian has walked away from the vehicle an alarm message will be sent to his phone. For example: ATTENTION JACK HAS BEEN LEFT IN THE CAR SEAT. The phone will ring the Alarm Tone and if selected the screen will flash and the phone will vibrate. If after 1 minute the infant has not been removed from the car seat then the App will automatically send a push notification message to the other registered associated users.
- The Alarm Message to the associated users will read i.e.: JACK HAS BEEN ABANDONED at GPS Co-ordinates 22.3213 N and 113.9433 E.

- The associated user can Open the reference map to view where the event has taken place, contact other users to decide the course of rescue action. Location Map in App is Shown here in Figure 9.



Fig. 9

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Product Maintenance

- The outer cloth cover is water resistant, however it is removable and washable, ideal conditions are stated on the inner label.
- Unzip the cushion cover and take out the inner part of the cushion, keep in a dry and clean place. Do not tamper or disassemble any parts on the inner part. The cover maybe washed at 30 C and dried naturally. Once dried the inner part is re inserted into the cover and zipped closed.

- The battery life is estimated to last around two years. In 4 beep alerts are sounded on setup of in process or when the infant is placed on to the smart cushion. This is a warning that the battery needs to be replaced. To change the battery of the electronic device - Unzip and open the cushion cover and take out the inner part. Slide open the exposed black device box case battery cover with and replace the battery. Slide back the box battery cover. Reinsert the inner part into the smart cushion cover and zip it closed.

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- To register the device and infant press on (Plus sign Icon) this will automatically change the screen as shown in Figure 3.



- Now to insert a photo of the infant press (Baby icon) and load an image either by Selecting the camera and taking a picture of the baby or upload a photograph from the gallery. Once the image is inserted, then fill in the Name of the infant next to the photo.



- Having registered the infant into the App the next step is to connect the Phone App to the BABI smart cushion.
- Ensure that the phone is in close range to the BABI smart cushion.



Fig. 4

- Press the CONNECT bar In Screen shown in Fig 3 Whilst firmly pressing down on the center of the Babi Smart Cushion. As shown here in Figure 4.

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How to use the product

- A single beep will sound, this indicates the product is ready to use and the App has connected to the BABI smart cushion. If 4 beep are heard the internal BABI cushion battery is low and must be replaced.
- When connected the image of the infant and name will appear in the screen as shown in fig 5. Note: One BABISIT phone App can monitor up to 4 different BABI smart cushions. To add more just repeat the registration of the other devices and infants as before.

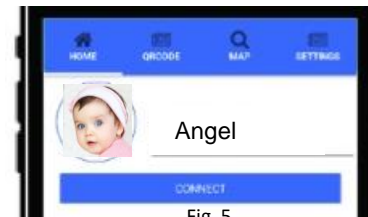
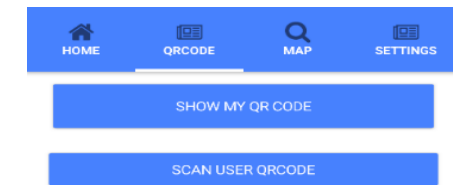


Fig. 5

- To complete the setup press the settings icon to enable the phone vibration mode, flashing screen mode and to select an Audio Alert Ring Tone.

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- To setup other associated users that will either also drive the infant in the same BABI smart cushion OR other guardians that will be part of the emergency Alarm network to receive any abandonment messages, the unique QR code on the master phone must be scanned.
- Now that the device and infant are registered the QR Code can be found by pressing the Connect Icon and selecting the show my QR Code option as seen in Figure 6 below.



Associated users Fig. 6

- The other associated users must have first download the BABISIT App, then they can press the connect icon and select SCAN USER QCODE also shown in Figure 6, to automatically register the device and infant to their phones.

Warranty

The product is guaranteed against any non-conformity defect within normal operational conditions of use. The warranty shall not therefore apply in the case of damages caused by improper use, wear or accidental damage events. (Note: The battery is non-included in the warranty as it is a consumable and is to be replaced as required.) For the duration of warranty on conformity defects please refer to the specific provisions of national laws applicable in the country of purchase.

General warnings

Do not leave any packaging materials (plastic bags, cardboard boxes, etc.) that can be hazardous to the 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, keep baby cushion away from all external sources of heat.

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Declaration of compliance

BABI Ltd declare that this BABI smart cushion product complies with and conforms to all the necessary Eu regulations and legislations. The product is CE and FCC certified. Also includes EMC, RED and ROHS compliant. The product can be used in all Eu countries, USA, UAE, Asia, Oceania and Pacific regions.

Certificate of Conformity

BABI Ltd, the manufacturer and product owner is a registered company in Hong Kong. Declares that our product design BABI Smart Cushion Product and its related App BABISIT complies to the relevant criteria laid out in the specifications as a result of Italian Law Number 117 dated 1st October 2018 and complies to Article 6. All supporting documents will be available upon request.

Customer Support

For additional information and assistance, please contact us by sending us an email to this address: sales@babisit.com

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FCC Statement

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 to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

RF Exposure Information

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