

Babysense™ 5s

Infant Movement Monitor

Warnings

Ensure you read this user guide before installing and using the product.

- Babysense** is a high quality, high sensitivity electronic device which must be handled with care:
- Do not handle roughly, drop or throw.
 - Follow the installation instructions carefully to ensure that it is installed securely and correctly.
 - **Babysense** is not a toy. Do not allow children of any age to play with it.
 - Do not put any additional baby or pet in the bed.
 - **Babysense** cannot be used for two infants in one bed.
 - You must undertake the performance test daily of the **Babysense** monitor (as set out on page 3).
 - Do not operate a vaporiser or ventilator directly towards the bed.
 - To avoid possible danger from sensor cords, ensure that excess cords are pulled back under the mattress, secured with the included cable tie and are not visible or reachable.
 - Install 4 new and identical size AA 1.5 volt batteries, preferably alkaline.
 - **IMPORTANT:** It is strongly advised that every caregiver learn how to give first aid.

Please note

Babysense monitors and alerts, but cannot prevent any type of distress. The responsibility for assistance and applying first aid rests on caretakers, who must personally check the baby as often as necessary. **Babysense** senses movements and motion only, and cannot monitor other occurrences. The purpose of the device is to alert when stopping or slowing of movement occur.

Babysense is a unique safety and reassurance system which helps give parents peace of mind, alerting if movements stop or become irregularly slow, giving critical time to intervene. There are a number of cautionary steps which are internationally recommended for SAFE SLEEPING:

- * Always lay your baby to sleep on his or her back.
- * Refrain from smoking near or around your baby.
- * Avoid over-heating of the baby's surroundings.
- * Do not leave any objects near your baby that can cause suffocation.

Babysense is an addition to these precautions.

Babysense is a movement monitor for home use, intended for basically healthy infants up to one year of age, and is not to be relied on for use with premature or high-risk infants requiring constant medical supervision.

Principal Of Operation

Babysense continually detects the baby's motion and movements, and will set off a sound and visual alarm if movement stops for 20 seconds or if

the monitor detects less than 10 micro-movements per minute. The system's non-touch sensor pads under the mattress monitor baby's movement without restraining him.

Installation

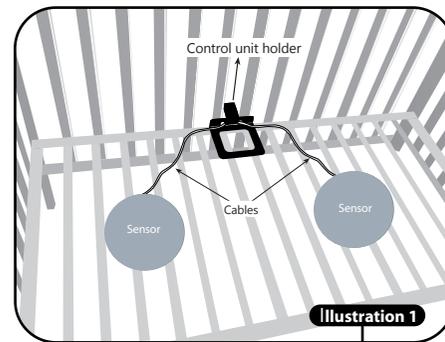
1. Insert, in accordance with the markings, 4 new and identical size AA 1.5 volt batteries, preferable alkaline. Close the battery cover.

Note: Do not mix old and new batteries.

Note: For replacing the batteries, remove the battery cover by inserting a flat screwdriver into the opening recess (see illustration 7).

Note: Please dispose of used batteries in accordance with local waste regulations.

2. Place the control unit holder on the base of the crib or bed and in between two bars as shown in illustration 1.

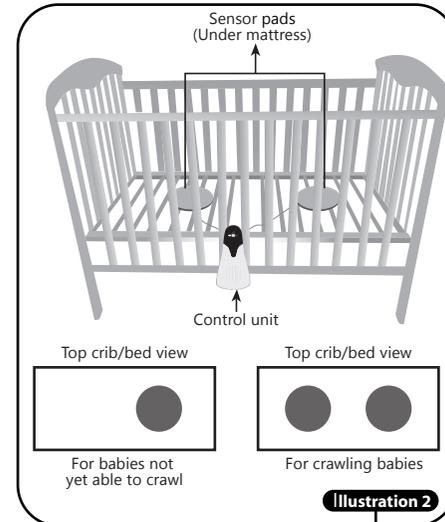


3. Sensor pad installation:

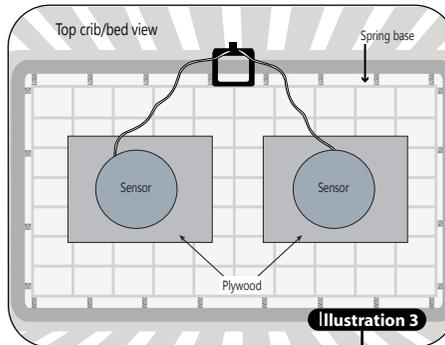
- When using for an infant not yet able to crawl, place one sensor pad as shown in illustration 2. Make sure the sensor is placed underneath the baby's position in the crib.

- When the baby begins to crawl, and is able to move onto areas not "covered" by a single sensor pad, attach the second sensor and place the two sensors as shown in illustration 2.

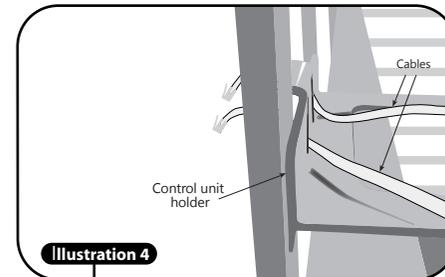
PLEASE NOTE: The sensors shall be placed with the marking "THIS SIDE UP" facing upwards.



4. When using a crib/bed equipped with spring base, place extra wooden board (plywood) under each sensor pad, as shown in illustration 3. The recommended size of the board is at least 17" x 11" and 1/2" thick.

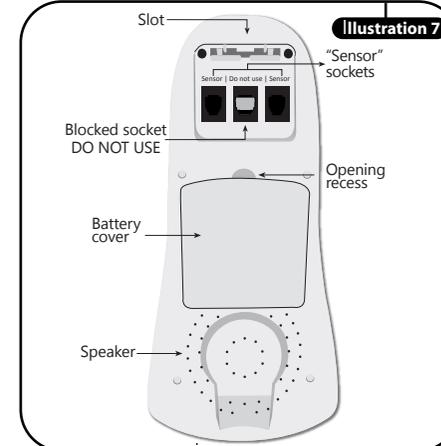
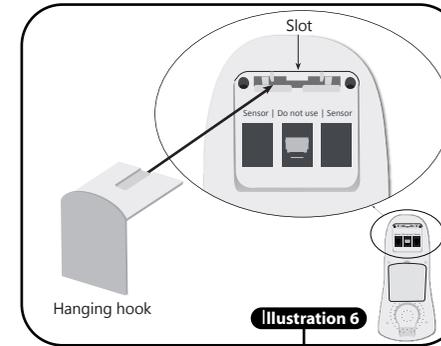
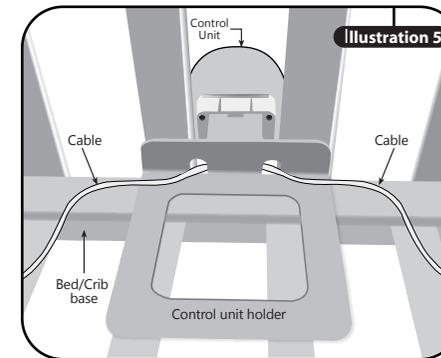


5. Pass the cord(s) of the sensor pad(s) through special openings in the holder. (see illustration 4)



6. Attach end(s) of the cord(s) to the outlets marked "SENSOR" on the back of control unit (see illustration 6 and 7). When using one sensor pad, attach to either "SENSOR" outlet.

PLEASE NOTE: Do not attach any cable to the blocked socket, marked "DO NOT USE"



7. Should the design of the crib/bed not allow proper installation with the control unit holder, please use the optional hanging hook (see illustration 6) and hang the control unit from the bottom edge of the crib.

8. Press the control unit holder or hanging hook firmly into the slot in the back of the control unit (see illustration 5 and 6).

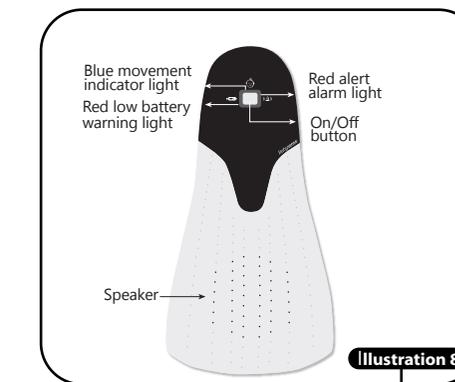
9. Place the mattress firmly on top of the sensor pads. If the mattress cannot be in contact with the sensor pads, or if the bed base is soft, padded or contains springs, place extra plywood on the bed base, place the sensor pads on the plywood and place the mattress firmly on top (see section 4).

IMPORTANT: To avoid possible danger from sensor cords, ensure that excess cords are pulled back under the mattress, secured with the included cable tie and are not visible or reachable.

Layout of control unit

See illustration 8 for layout of control unit featuring:

- On/Off button.
- Blue movement indicator light.
- Acoustic and visual red alarm light.
- Low battery red warning light.



Operation

Babysense is ready for operation and use once the installation is complete. To operate, follow the below instructions:

- Place your baby in the crib/bed.
- Press the On/Off button to turn on the control unit.
- Red lights switch on briefly and a double click sound is heard.
- When any movement is sensed, the blue light flashes.

- Acoustic and visual red light alarms are activated if the baby's movement stops or slows significantly.
- If the red low-battery warning light flashes, replace all batteries as soon as possible. In addition clicking is heard, all batteries must be replaced immediately.
- Turn off by pressing the On/Off button before taking your baby out of crib/bed.

Testing Operation

Babysense is a highly sensitive device which monitors a baby's motion and movements through the mattress during sleep. There are two main causes of malfunction - technical malfunctions and malfunctions due to environmental factors.

Technical malfunction

In order to minimize technical problems, follow installation and operation instructions carefully.

Environmentally caused malfunction

Due to the high sensitivity of **Babysense**, it can be influenced by fans, wind, air conditioning, vibrating household sources and so forth. Such environmental effects could be picked up by the sensors on a similar level to that of slight movements, thus preventing or delaying alarm activation.

Conduct this performance test daily

Do not conduct the performance test by picking up baby out of bed and waiting for the alarm to sound

- The performance test should be conducted while the baby is not in bed.
- Turn the unit on and take two steps back from bed.
- Ensure the alarm goes off within 20 seconds (due to absence of movement).
- The alarm may sound with or without preliminary ticking.
- Check the alarm can be heard in all locations throughout the home or place of care.
- If the alarm does not sound within 20 seconds refer to the troubleshooting at page 4.
- The performance test must be conducted daily.

False alarms

Isolated cases of false alarms are possible. Check if caused by faulty connection of the sensor pad(s) to the control unit, connection of only one sensor pad when the baby is can move off the immediate area, connection of two sensor pads far apart from each other when the baby is not crawling yet, or failure of the sensor pads to be directly against the mattress.

In case of false alarms, refer to the troubleshooting guide. If the problem cannot be solved, please contact your nearest **BABYSENSE** representative.

Troubleshooting Guide

Symptom	Possible Cause	Solution
Lights on Control Unit don't illuminate when turned ON	<ul style="list-style-type: none"> Batteries are not inserted correctly or may be flat. 	<ul style="list-style-type: none"> Check batteries are inserted in the Control Unit observing the correct polarity. Control Unit requires 4 X AA 1.5V Alkaline batteries (not supplied).
Low battery warning (red light) on the Control Unit	<ul style="list-style-type: none"> Batteries low. 	<ul style="list-style-type: none"> If red low-battery warning light flashes, replace all batteries as soon as possible. If in addition clicking is heard, all batteries must be replaced immediately.
False alarm up to 1/2 minute from activating	<ul style="list-style-type: none"> Sensor pad is out of order. Cable is connected to monitor's blocked socket. 	<ul style="list-style-type: none"> Connect one sensor pad lay the baby on the bed for 1 minute. If the alarm does not activate, the sensor pad is in order. If the alarm activates, disconnect and place the sensor pad aside. Connect the other sensor pad and repeat steps above. Do not connect any cables to the blocked socket (only to "SENSOR" socket).
False alarm after 1/2 minute from activating	<ul style="list-style-type: none"> The mattress is not touching the sensor pads. 	<ul style="list-style-type: none"> Make sure that the mattress and the sensor pads are touching.
	<ul style="list-style-type: none"> The mattress is raised (there is an object near the sensor pads). 	<ul style="list-style-type: none"> Make sure that there are no objects next to the sensor pads
	<ul style="list-style-type: none"> Placing two sensors next to each other or using one sensor when the baby is of crawling age, or using two sensor pads far apart from each other when baby is young and is not crawling yet. 	<ul style="list-style-type: none"> Connect according to instructions. It is important to use only one sensor pad when the baby is young and is not crawling yet. It is important to make sure that two sensor pads are used when the baby is moving around. Make sure the sensors are placed directly underneath the baby's position in the bed/crib.
	<ul style="list-style-type: none"> The mattress does not enable transfer of baby movements. (a rigid mattress, a mattress with springs or a mattress with air pockets). 	<ul style="list-style-type: none"> Place extra plywood under the sensor pad so that the sensor pad and the mattress will be tightly pressed together (see page 2, section 4).
Delayed alarms while taking the baby out of the bed	<ul style="list-style-type: none"> Performance test is not correct. 	<ul style="list-style-type: none"> Do not conduct performance test by picking up the baby out of bed and waiting for the alarm to sound. Kindly conduct performance test according to guidance in page 3.
The alarm does not go off within 20 seconds when performing the correct performance test	<ul style="list-style-type: none"> Environmental influences detected by the sensor pads, such as wind, fan, air conditioner, baby mobile toy, vibrations. 	<ul style="list-style-type: none"> Perform a test which will detect the source of the movement that the device detects. For example, sources of wind such as: air conditioner, an open window or a fan; movements of a baby mobile (which can vibrate even if it's not turned on) walking around the bed area. Solutions: Eliminate sources of wind, remove the baby mobile etc. After neutralizing all environmental influences, perform the test again. If even after neutralizing all of the environmental influences, the alarm does not go off within 20 seconds, perform the following: <ol style="list-style-type: none"> Test the control unit: <ul style="list-style-type: none"> Disconnect all cables from the control unit. Turn control unit on (with no cables attached). Alarm activation within 20 seconds indicates that the unit is OK – proceed to the next steps. If the alarm does not sound within 20 seconds, stop using the device and contact your local distributor. Test each sensor pad separately: <ul style="list-style-type: none"> Connect one sensor pad to either "SENSOR" socket on control unit. Turn control unit on and take two steps back from the bed. Alarm activation within 20 seconds indicates that the sensor is OK – perform the above procedures with the second sensor pad. If the alarm does not sound within 20 seconds, place the sensor pad aside. Note: If one of the sensor pads is NOT OK, continue using the product with only the one correctly functioning sensor. If one or both sensors are NOT OK, contact your local distributor for further guidance. <ol style="list-style-type: none"> Test two sensor pads together: <ul style="list-style-type: none"> If both sensors were OK in Step 2, connect both sensors to "SENSOR" sockets on the control unit. Turn control unit on and take two steps back from the bed. Alarm activation within 20 seconds indicates that the sensors are OK – continue using the product. If the alarm does not sound within 20 seconds, connect one sensor only and continue using the product. Contact your local distributor for further guidance.

Technical Specifications

- Powered by 4 size AA, 1.5 volt batteries. Power consumption approx. 1mA.
- Battery life approx. 6 months using alkaline batteries.
- Alarm volume typically 85dB SPL at distance of 3.5 feet.
- Size of sensor pad is \approx 216 mm.

Contents

- Control Unit
 - Control Unit Holder
 - Optional hanging hook
 - 2 Sensor pads
 - 2 Cable Ties
 - User guide
- Please note that the batteries are not supplied.

Caring for your Babysense

Babysense requires no special treatment beyond replacing batteries when the battery indicator light goes on. The sensor pads and control unit may be wiped with a damp cloth. Batteries should be removed and the device stored in a dry shaded place when not in use.

It is recommended to replace sensors every two years

Limited 1 Year warranty

This product is warranted to be free from defects in material and workmanship for a period of (1) year from the date of purchase, except as noted below. BabySense LLC will repair or replace this product, at our option, at no cost. This warranty does not apply to product that has been damaged as a result of improper maintenance or other misuse. This warranty is also void if the owner repairs or modifies the product in any way. BabySense LLC is not liable for any incidental or consequential damage with regard to this product. Warranty also excludes any liability other than above. No other warranties are given. If you have a claim under this warranty, do not return to the store. Please contact BabySense customer service at: customerservice@babysensellc.com

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For additional information, please visit our website or call the toll free number:
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Other phenomena, symptoms, malfunctions – if you cannot find and solve the problem, please contact us at www.babysensellc.com

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User Guide

English

