

BabysenseTM 2



User Guide

Registered as a medical device
on the Australian Register of
Therapeutic Goods
ARTG No.97479



Ensure you read this user guide before installing and using the product. Please retain your purchase receipt and attach to the back page of this user guide you will need to produce this if warranty service is required.

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IMPORTANT USE AND SAFETY WARNING

It is essential that all users of your Babysense monitor read and understand this user guide thoroughly before installing or using the product. This user guide contains detailed information on installation and operation of the Babysense monitor which all users need to be aware of to ensure that the monitor operates properly. If you are unsure of how to install and operate the Babysense monitor, please contact Customer Support on 1800 81 81 81.

Your Babysense monitor is designed to be an aid and should not be used as a substitute for responsible and proper adult supervision of your baby.

The Babysense monitor has been designed to provide an alert in the form of an alarm (if your baby's breathing rate slows or cannot be detected). However, you must always stay within hearing range of the alarm control unit (as determined from your daily testing of the product) during use and keep background noise to a minimum. Each home or place of care will have a different hearing range. It is important to determine the correct hearing range in every location that you use Babysense2 for the product to adequately assist you.

Your Babysense monitor is not designed or capable of preventing Sudden Infant Death Syndrome (SIDS) or to be used for any other medical purpose, and you should not rely on it for your baby's wellbeing. It is important that you regularly check on your baby personally.

Babysense is a high quality, high sensitivity medical device which must be handled with care. In order to use the Babysense monitor safely:

- You must undertake the performance test daily of the Babysense monitor (as set out in this user guide).
- Make sure the control unit and cables are kept out of reach of your baby and other young children.
- Never place the control unit inside your baby's cot or, bassinet.

Important Use And Safety Warning

- To avoid possible danger from dangling sensor cords, ensure that excess cord is secured with the included cable tie.
- Do not place the cords in a high "wear and tear" location.
- Never use a frayed or damaged cord.
- Never cover the control unit with clothes, towels or blankets or any other item.
- Never use or place your control unit in or near water (e.g. near a bath).
- Do not handle roughly, drop or throw the monitor.
- 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.
- Babysense will not work with another living being present in the same cot, crib or bassinet as your baby.
- Ensure adequately charged batteries are used at all times.
- Babysense sensor pads must be placed below the mattress of your baby's cot, crib or bassinet. Do not place the sensor pads above the mattress.

General Information

During the first year of life, infants may experience irregular breathing patterns or even stop breathing. Babysense can alert when these signs indicate a cold, high fever, or other illness. In the extreme, breathing cessation can be related to Crib Death (S.I.D.S: Sudden Infant Death Syndrome) which is still the number one cause of death in infants up to one year of age. The syndrome is impossible to predict and modern medicine has not yet come up with means of cure or solution, thereby "Babysense2" can provide you with a limited safeguard. However, Babysense2 is a unique safety system which has helped save infants lives, giving parents (or their caretakers) comfort, by enabling intervention in the event of irregular breathing movement or distress, before it becomes critical. 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 baby's surroundings.

Babysense2 is an additional aid to these precautions.

"Babysense2" is a home breathing movement monitor for basically healthy infants and is not to be relied on for use with high-risk infants requiring constant medical supervision.

Main Features

"Babysense2" continually detects your baby's breathing movements, and will set off a sound and visual alarm if the breathing rate slows to below 10 breaths per minute or cannot be detected for more than 20 seconds. The system's non-touch sensor pads under the mattress monitors your baby's breathing movement without impeding your baby.

IMPORTANT: It is strongly advised that every caregiver to your baby learn how to give first aid.

Technical Specifications

- Powered by 4 size AA, 1.5 volt Alkaline batteries (not supplied). Power consumption approx. 1mA.
- Battery life approx. 6 months using high quality alkaline batteries.
- Alarm volume typically 85dB SPL at distance of one metre from control unit.
- Illumination typically 2 mCD.
- Size of sensor pad is 27cm x 44cm

Pack Contents

- One control unit
- One hanging hook
- Two sensor pads
- One connecting cable
- Reuseable plastic cable ties

Batteries are not included with this product.

If any items are missing from the pack please call Oricom Customer support.

Installation

1. Place the two sensor pads on the bottom of the cot (see illustration 1), or one sensor pad (see note below on newborns). Place mattress firmly on top of sensor pads. If the mattress is not in direct contact with the sensor pads, or if the mattress is on springs, it will be necessary to place a wooden board (not supplied) on the cot base on which to place the sensor pads, to enable full contact of the sensor pads with the mattress, and then the mattress on top.
2. Remove battery cover (see illustration 4), remove battery housing and insert, 4 new AA 1.5 volt Alkaline batteries (not supplied), Replace battery housing and close cover.

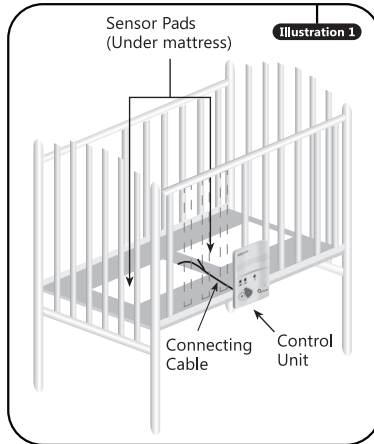
Note: Please dispose of used batteries in accordance with local waste regulations.

3. Plug in the cords of the two sensor pads to the double-connector of the connecting cable, then attach the connecting cable to the outlet marked "SENSOR-IN" on the control unit.

When using a single sensor pad, attach cord directly to the "SENSOR-IN" outlet without using the connecting cable.

IMPORTANT: To avoid possible danger from excess sensor cords, it is recommended to collect excess cord length and safely tether with the included ties.

4. Press hanging hook firmly into slot in back of control unit (see illustration 4), and hang from the edge of the cot, or anywhere out of baby's reach.



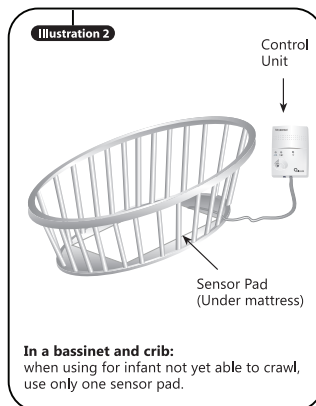
Note on installation for newborns

When using for infant not yet able to crawl, use only one sensor pad - without the connecting cable. (see illustration 2).

This will ensure greater relative sensitivity.

Make sure that the sensor is placed underneath baby's location in cot.

When baby begins to move around and is able to move onto areas in the cot not "covered" by the sensor pad, then the second pad must be used and attached, using the connecting cable.



Operation

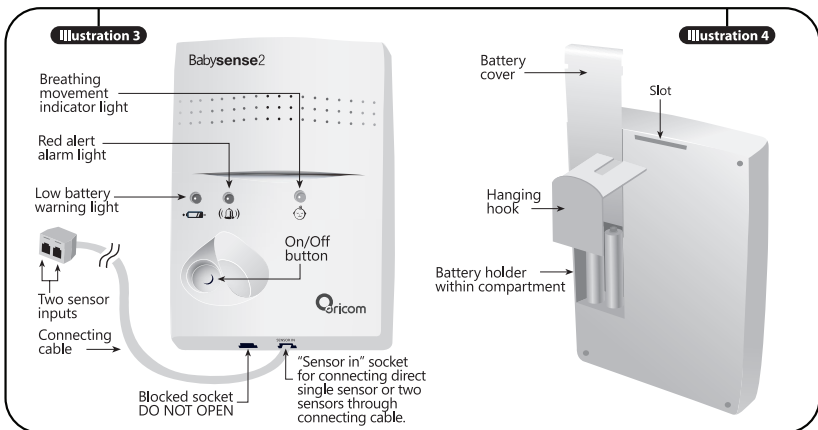
See illustration 3 for layout of control unit featuring:

- On/Off button under protective cover.
- Breathing movement indicator light.
- Red alarm light, activated if baby's breathing cannot be detected or slows significantly.
- Low battery warning light.

When switched on, the red control lights switch on briefly and a click sound will be heard. When breathing and movement are sensed, the green light flashes.

If red low-battery warning light flashes (see illustration 3), replace all batteries as soon as possible. If a clicking sound is heard, all batteries must be replaced immediately.

Turn off by pressing On/Off button.



Testing Operation

"Babysense2" is an exceedingly sensitive device which monitors baby's breathing 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 extreme sensitivity of "Babysense2", it can be influenced by fans, wind, air conditioning, and so forth. Such environmental effects could be picked up by the sensors on a similar level to that of breathing movements, thus preventing or delaying alarm activation.

You must conduct this quick and simple performance test daily

- Check that when baby is in the cot, the green light flashes.
- Remove baby from cot and turn off device. After turning off, wait 1 minute while the mattress shifts due to removal of the baby's weight.
- Turn device back on and avoid moving or touching the cot (without baby in cot).
- Watch for green light - blinking will indicate that environmental disturbances are being read as false movement recordings.
- Ensure that alarm goes off within 20 seconds (due to absence of breathing movements). The alarm may sound with or without preliminary ticking.
- Check that alarm can be heard by the carer in all locations throughout the home or place of care.
- This performance test must be conducted every day.

IMPORTANT: You should not rely on Babysense2 in any location throughout the home or place of care where the alarm cannot be heard.

Locating and dealing with environmental disturbances

If the alarm does not sound after 20 seconds, eliminate all environmental disturbances by actions such as changing ventilation, removing cot mobile, closing windows, repositioning cot and the like.

Do not put any additional baby or pet in the cot. Babysense **cannot** be used for two infants in one cot. Do not operate vaporizer or ventilator directly towards the cot.

Note: It is recommended to replace the sensor pads every two years.

In the event of alarm

In the event of alarm, act immediately according to the following:

1. Approach the cot and check that baby is breathing. Note pallor (color of skin), muscle tone and movement.
2. If baby does not seem normal, pinch baby's heel and check that there is no cause for choking, such as an object lodged in baby's throat. When breathing resumes, consult a doctor.
3. If breathing does not resume, apply first aid and seek medical assistance immediately.

IMPORTANT: It is strongly advised that every caregiver to your baby learn how to give first aid.

False alarms

Isolated cases of false alarms are possible. Check if this is caused by:

- a faulty connection between the sensor pad(s) and the control unit;
- connection of only one pad when your baby can move off the immediate area; or
- failure of the sensor pads to be directly against the mattress. A mattress of a stiff material such as polystyrene foam could cause false alarms. It has been noted that false alarms resulting from slow breathing rate occur with one in about 200 babies.

Please contact our support team with any product related questions.

Please note

"Babysense2" monitors and alerts, but cannot prevent cessation of breathing. The responsibility for applying first aid rests on you.

"Babysense2" senses breathing movements, and cannot monitor other occurrences. The purpose of the device is to alert when slowing of breathing and movement occur, which could be associated with common occurrences or even with S.I.D.S. caused by apnoea (central nervous system failure) or any other cause.

Caring for your "Babysense2"

Warning

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 instruction 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.

"Babysense2" requires no special treatment beyond replacing batteries when the battery indicator light goes on. The sensor pads and remote 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 for extended periods.

Made by Hisense Ltd.

ISO 9001:2008 and ISO 13485:2003 certified

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Troubleshooting Guide

Symptom	Possible Cause	Solution
Lights on Control unit do not 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 voltage warning (red light) on the Control Unit	<ul style="list-style-type: none"> Batteries are low. 	<ul style="list-style-type: none"> Replace all 4 batteries.
False alarm up to 30 seconds from turning on	<ul style="list-style-type: none"> Single sensor pad connected through the connecting cable. Sensor pad is defective. Connecting cable is defective (when using 2 sensors). Two sensors are not connected correctly to the Control unit. Cable is connected to the control units blocked socket. 	<ul style="list-style-type: none"> When using only one sensor pad, make sure it is connected directly into the Control unit without the connecting cable. Connect one sensor pad without the connecting cable and lay the baby on the cot for 1 minute. If alarm does not activate, the sensor pad is ok. If alarm activates, disconnect and place the sensor pad aside. Connect the other sensor pad and repeat steps above. If both sensor pads are in working order, connect the connecting cable and lay the baby on the cot for 1 minute. If the alarm activates the connecting cable is damaged. Do not connect any cables to the blocked socket on Control unit (only to "SENSOR IN" socket).
Alarm goes off after a few hours	<ul style="list-style-type: none"> The mattress is not touching the sensor pads. The mattress is raised (there is an object near the sensor pads). Two sensor pads are connected but the baby is not yet crawling. Only one sensor pad is connected and the baby has crawled off the sensor pad. The mattress does not enable adequate transfer of baby movement (a rigid mattress, a mattress with springs or mattress with air pockets). 	<ul style="list-style-type: none"> Make sure that the mattress and sensor pads are touching. Make sure that there are no objects next to the sensor pads and that the Twin connector is not placed on or near the sensor pads (it is preferable to locate the Twin connector outside the cot area). Connect sensor pads as per the user manual. If baby is not yet able to crawl, use only one sensor pad – and make sure sensor is placed underneath baby's location in cot to ensure greater relative sensitivity. Place a sheet of plywood (not supplied) under the sensor pad so that the sensor pad and the mattress will be tightly pressed together.
Delayed alarms while taking the baby out of the cot	<ul style="list-style-type: none"> Performance test is not correct. 	<ul style="list-style-type: none"> Do not conduct performance test by taking the baby out of cot and waiting for the alarm to go off. Kindly conduct performance test according to the performance test instruction in user guide.
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, airconditioner, cot mobile vibrations. 	<ul style="list-style-type: none"> Perform a test which will detect the source of the movement that the device detects, eg; sources of wind such as air conditioner, an open window or a fan, movements of cot mobile (which can vibrate even if it's not turned on) walking around the cot area or an intercom placed near the cot with intense transmission levels. Eliminate sources of wind, remove the mobile etc. After neutralizing all environmental interruptions, perform the test again.

For all product related questions and warranty support please call our customer support team.

Warranty information (Australia)

Effective from the 1st February 2011 Oricom International Pty Ltd is the distributor of Babysense in Australia. Oricom makes no other warranties or conditions, express or implied, including as to acceptable quality and fitness for a particular purpose, except as stated in this Warranty. Any implied warranties that may be imposed by law are limited in duration to the Warranty Period. Oricom warrants that the product is free from defects in materials or workmanship during the Warranty Period. This Warranty does not extend to any product from which the serial number has been removed or was purchased outside of Australia.

This Warranty in no way affects your statutory warranty rights under the Competition and Consumer Act 2010 or any other similar legislation.

The Warranty Period will be 2 years from the date of purchase of the product evidenced by your dated sales receipt. You are required to provide proof of purchase as a condition of receiving warranty services. You are entitled to a replacement product or repair of the product according to the terms and conditions of this document if your product is found to be faulty within the Warranty Period. This Warranty extends to the original purchaser only and is not transferable. Products distributed by Oricom are manufactured using new materials or new and used materials equivalent to new in performance and reliability. Spare parts may be new or equivalent to new. Spare parts are warranted to be free from defects in material or workmanship for thirty (30) days or for the remainder of the Warranty Period of the Oricom branded product in which they are installed, whichever is longer. During the Warranty Period, Oricom will where possible repair and if not replace the faulty product or part thereof. All component parts removed under this Warranty become the property of Oricom. In the unlikely event that your Oricom product has a recurring failure, Oricom may, subject to the Competition and Consumer Act 2010, at its discretion, elect to provide you with a replacement product of its choosing that is at least equivalent to your product in performance. Oricom does not warrant that the operation of the product will be uninterrupted or error free.

Oricom is not responsible for damage that occurs as a result of your failure to follow the instructions that came with the product. These terms and conditions together with any specific terms and conditions contained in the user guide to the product purchased constitute the complete and exclusive agreement between you and Oricom regarding the product. No change to the conditions of this Warranty is valid unless it is made in writing and signed by an authorised representative of Oricom.

Oricom will not be in breach of a warranty expressly set out in this User Guide or under the Competition and Consumer Act 2010 and excludes any liability for damages or any other remedy arising under any other legislation or the common law if the damage occurs as a result of:

1. failure by you to adhere to the warnings and follow the instructions set out in this User Guide for the proper installation and use of the product;
2. negligence on your part or misuse by you of the product;
3. an uncontrollable external cause which results in the Babysense monitor not functioning including but not limited to power failure, lightning or over voltage; and
4. modification to the product or services carried out on the production by anyone other than Oricom or Oricom's authorised service provider.

Oricom will not be liable for any damages caused by the product or the failure of the product to perform, including any lost profits or savings or special, incidental or consequential damages. For the purposes of manufacturer's liability under the Competition and Consumer Act 2010, failure of the product's alarm to sound will not constitute a safety defect. Oricom is not liable for any claim made by a third party or made by you on behalf of a third party. This limitation of liability applies whether damages are sought, or a claim made, under this Warranty or as a tort claim (including negligence and strict product liability), a contract claim or any other claim. However, this limitation of liability will not apply to claims for personal injury. Nothing in this Warranty excludes, restricts or modifies any condition, warranty, right or remedy which pursuant to the Competition and Consumer Act 2010 applies to this Warranty and which may not be so excluded, restricted or modified. For warranties that cannot be excluded, restricted or modified, Oricom limits the remedies available to those specified in the relevant legislation.

Customer Support

If you have any problems setting up or using this product you will find use-full tips and information in the Troubleshooting section of this user guide as well as “Frequently Asked Questions” on our website www.oricom.com.au.

If you have further questions about using the product after reviewing the resources above or would like to purchase replacement parts or accessories please call our Customer Support Team. Our dedicated local support team are more likely to be able to help you than the retailer where you made your purchase.

Please retain your purchase receipt and attach to the back page of this user guide as you will need to produce this if warranty service is required.

Take a few moments to register your product online: www.oricom.com.au

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