Oricom®

Baby**sense**2™

User Guide

Babysense2 is included as a medical device on the Australian Register of Therapeutic Goods (ARTG No. 97479)

ISO 13485
ISO 9001

G MED

CE 0459

Babysense2 is intended for use as an Infant Apnoea Alarm.
ALWAYS READ THE LABEL AND USER GUIDE, USE ONLY AS DIRECTED.
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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Need Help?

If you need assistance setting up or using your Oricom Babysense2 now or in the future, call Oricom Product Support.

Australia   1300 889 785 or (02) 4574 8888

www.oricom.com.au

Mon-Fri 8am – 6pm AEST

New Zealand   0800 67 42 66

www.oricom.co.nz

Mon-Fri 10am – 8pm NZST

IMPORTANT USE AND SAFETY WARNING

It is essential that all users of your Babysense2 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 Babysense2 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 Babysense2 monitor, please contact Customer Support on 1300 889 785.

Your Babysense2 monitor is designed to be an aid for use with healthy infants up to one year of age and should not be used as a substitute for responsible and proper adult supervision of your baby.

The Babysense2 monitor has been designed to provide an alert in the form of an alarm if your baby's breathing movement rate slows below 10 breaths per minute or cannot be detected for more than 20 seconds. 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.

Babysense2 is a high quality, high sensitivity medical device which must be handled with care. The following steps are recommended for the best operation of the Babysense2:

- You must undertake the performance test daily of the Babysense2 monitor (as set out in this user guide on page 10).
- 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.

WARNING: To avoid possible danger of strangulation from cords, keep the cords out of reach of children. Ensure that excess cords are 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.
- Babysense2 is not a toy. Do not allow children of any age to play with it.
- Babysense2 will not work with another living being present in the same cot or bassinet as your baby.
- Ensure adequately charged batteries are used at all times.
- Babysense2 sensor pads must be properly placed below the mattress of your baby's cot or bassinet. Do not place the sensor pads above the mattress.

IMPORTANT: It is strongly advised that every caregiver learn how to administer first aid.

General Information

During the first year of life infants may experience irregular breathing patterns. These signs may indicate a cold, fever, or other illness. Babysense2 is an infant apnoea alarm which gives parents (or caretakers) some comfort, by improving the possibility of intervention in the event of irregular breathing movement rate or distress.

What is Babysense2?

Babysense2 is a home breathing movement rate monitor designed to be an aid for use with healthy infants up to one year of age and is not to be relied on for use with infants requiring medical attention or supervision. If you have any concerns about your baby's health always consult a medical practitioner.

Babysense2 continually detects your baby's breathing movement rate and will set off a sound and visual alarm if the breathing movement rate slows to below 10 breaths per minute or cannot be detected for more than 20 seconds. Check that the alarm can be heard in all locations throughout the home or place of care. The system's non-touch sensor pads under the mattress monitor your baby's breathing movement rate without impeding your baby.

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

Pack Contents

- One control unit
- One control unit holder
- One hanging hook
- Two sensor pads
- Two reuseable plastic cable ties

Requires 4 AA size, 1.5 volt high quality Alkaline batteries (not supplied).

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

Technical Specifications

- Powered by 4 size AA, 1.5 volt high quality 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.
- Size of sensor pad is 216mm in diameter.

Principle Of Operation

Babysense2 continually detects baby's breathing movement rate, and will set off a sound and visual alarm if breathing movement stops for 20 seconds or if the breathing movement rate slows to below 10 breaths per minute. The system's non-touch sensor pads under the mattress monitor baby's breathing movement without restraining baby.
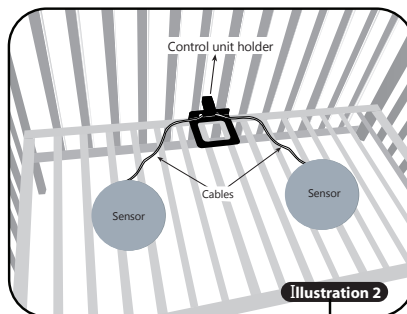
Installation

1. Remove battery cover by inserting a flat screw driver into the opening recess and insert, in accordance with the markings, 4 new and identical size AA 1.5 volt high quality Alkaline batteries, close cover.

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

2. Make sure the sensitivity adjustor, located on the back of the sensor pads, is positioned on level 3 as shown in illustration 1.

Illustration 1

3. Place control unit holder on the base of the cot and in between two bars as shown in illustration 2.
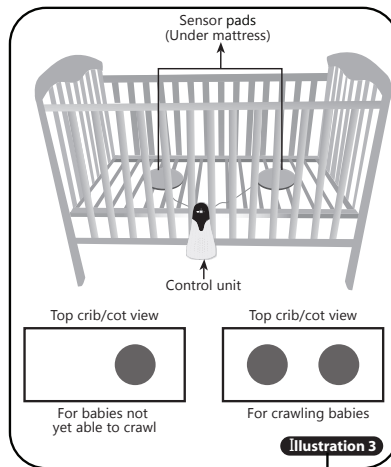

Control unit holder

Cables
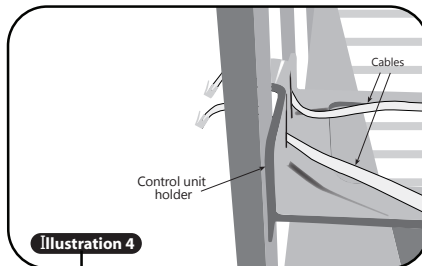
Sensor

Sensor

Illustration 2

4. Sensor pad installation:

• When using for infant not yet able to crawl, place one sensor pad as shown in illustration 3. Make sure the sensor is placed underneath baby's location in crib.

• When 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 3.

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

Sensor pads
(Under mattress)

Control unit

Top crib/cot view

Top crib/cot view

For babies not
yet able to crawl

For crawling babies

Illustration 3

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

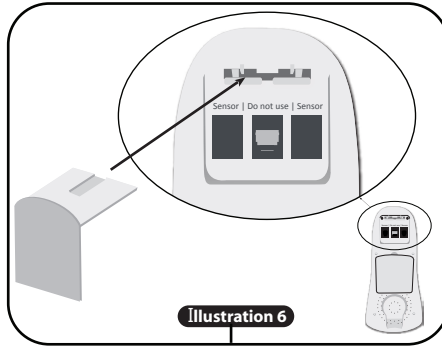
Cables

Control unit
holder

Illustration 4

PLEASE NOTE: DO NOT ATTACH THE CONTROL UNIT TO THE TOP RAIL OF THE COT. DO NOT EXTEND CABLES IN ANYWAY.

6. Attach end(s) of the cord(s) to the outlets marked "SENSOR" on the back of control unit (as shown in illustration 5 and 6). When using one sensor pad, attach to any "SENSOR" outlet.

PLEASE NOTE: Do not attach any cable to the blocked socket, marked "DO NOT USE".
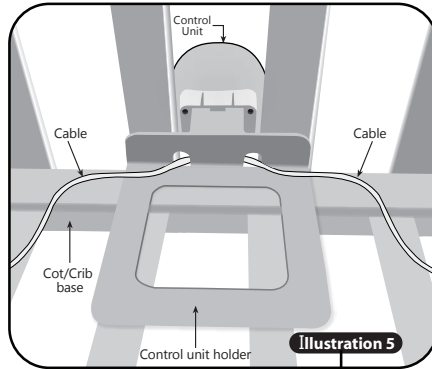
7. Should the design of the cot not allow proper installation with the control unit holder, please use the supplied hanging hook (as shown in illustration 6). Hang the control unit from the bottom edge of the cot or affixthe hook with a screw (not supplied) to the bottom edge of the cot and hang the control unit from the bottom edge of the cot.

Sensor | Do not use | Sensor

Illustration 6

8. Press control unit holder or hanging hook firmly into slot in back of control unit as shown in illustration 6 and 7.

Slot

"Sensor" socket

Sensor | Do not use | Sensor

Blocked socket
DO NOT USE

Opening recess

Battery cover

Speaker

Illustration 7

9. Place mattress firmly on top of sensor pads. When using with a slat based cot, ensure the sensor pads are stable & supported adequately. If the mattress cannot be in direct contact with the sensor pads, or if the cot base is soft or padded, place plywood (not supplied) on the cot base, place the sensor pads on the plywood and place the mattress firmly on top to enable full contact of the sensor pads with the mattress.

IMPORTANT WARNING: To avoid possible danger of strangulation from cords, keep the cords out of reach of children. Ensure that excess cords are secured with the included cable tie.

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.

Movement indicator light
Red alert alarm light
Low battery warning light
On/Off button
Speaker
Illustration 8
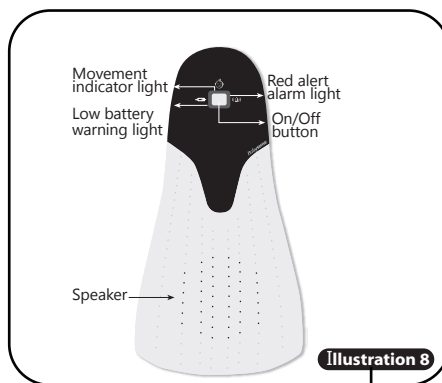
Operation

Babysense2 is ready for operation and use once the installation is complete. To operate, follow the instructions below:

- Place your baby in crib/cot.
- Turn control unit on by pressing On/Off button.
- Red control lights switch on briefly and a double click sound is heard.
- The blue movement indicator light shows that the control unit is turned on and monitoring baby (it does not represent babies breathing rate).
- Acoustic and visual red alarm light are activated if baby's breathing movement rate stops or slows significantly (below 10 breaths per minute).
- If red low-battery warning light flashes, replace all batteries as soon as possible. If an additional clicking sound is heard, all batteries must be replaced immediately.
- Turn off by pressing the On/Off button before taking your baby out of cot.
- 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.

Testing Operation

You must conduct this quick performance test daily.

- **The performance test should be conducted while baby is not in cot and if there are any fans, air conditioning units, cot mobile, humidifier, ceiling projector etc in the babies room, please ensure you conduct the daily performance test with these devices turned on if applicable.**

- Turn device on and leave the room.

- Ensure that alarm goes off within 20 seconds (due to absence of breathing movements).

- In the case that the alarm does not sound within 20 seconds refer to troubleshooting on page 14.

- The alarm may sound with or without preliminary ticking.

- Check that alarm can be heard 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.

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 malfunction

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

Potential environmental disturbances

Due to the extreme sensitivity of Babysense2, it can be influenced by fans, wind, air conditioning, humidifier, cot mobile, ceiling projector etc. 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.

To ensure your Babysense2 is operating correctly, you must undertake the required daily performance test (as set out in this user guide on page 11).

Locating and dealing with environmental disturbances

During testing outlined on page 11, if the alarm does not sound after 20 seconds, eliminate all environmental disturbances by actions such as changing ventilation (the direction of the airflow of a fan or air conditioning vent), removing cot mobile, closing windows, and repositioning the cot etc.

Babysense2 **cannot** be used for two infants in one cot. Never allow animals in the cot. Do not operate vaporizer or ventilator directly towards the cot.

In the event of alarm

In the event of alarm commence first aid, and seek the assistance of emergency services and/or medical advice.

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

False alarms

Isolated cases of false alarms are possible. If this occurs, check if this is caused by:

- a faulty connection between the sensor pad(s) and the control unit;
- connection of only one sensor pad when your baby can move off the immediate area;
- connection of two sensor pads far apart from each other when baby is not crawling yet; or
- failure of the sensor pads to be directly against the mattress.
- The compositions of some mattresses may not conduct vibrations associated with babies breathing movement and may not be suitable with Babaysense2. **Do not use Babysense2 with a memory foam mattress.**
- In case of false alarms, kindly refer to troubleshooting guide.

Please contact Oricom Customer Support team with any product related questions.

Please note

Babysense2 monitors and alerts with respect to breathing movement rates, but cannot prevent cessation of breathing. The responsibility for applying first aid rests on you.

Caring for your Babysense2

Warning

Babysense2 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.
- Babysense2 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 illuminates. The sensor pads and remote unit may be wiped with a damp cloth.

PRODUCT STORAGE

When you are no longer using your Babysense2 always store the product safely to avoid damage.

Store product in a dry shaded place.

Do not place heavy objects on the sensor pads and avoid shocks.

Ensure the batteries are removed from the control unit.

When you choose to reuse the product again ensure you test the product carefully in accordance with the user instructions (page 11).

Babysense2 is an exceedingly sensitive device and therefore the manufacturer recommends that the sensor pads be replaced after 2 years of use.

To order replacement sensor pads (2B0013) contact Oricom Support (02) 4574 8888 or 1300 889 785, support@oricom.com.au

Hisense Ltd. is an ISO 9001:2008 and ISO 13485:2003 certified company. 23, Becker St. Rishon le Zion 7535929, Israel

www.hisense.co.il

Troubleshooting Guide

Symptom	Possible Cause	Solution
Lights on Control Unit don't illuminate when turned ON	• Batteries are not inserted correctly or may be flat.	• 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	• Batteries low.	• Replace all 4 batteries.
False alarm up to 1/2 minute from activating	• Sensor pad is out of order. • Cable is connected to monitor's blocked socket.	• Connect one sensor pad and lay the baby in the cot 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	• The mattress is not touching the sensor pads. • The mattress is raised (there is an object near the sensor pads). • Incorrect sensor configuration • The compositions of some cot mattresses may not conduct vibrations associated with babies breathing movement and may not be suitable with Babaysense2. **Do not use babysense2 with a memory form mattress.**	• Make sure the mattress is in contact with the sensor pads. • Make sure that there are no objects next to the sensor pads. • 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 underneath baby's location in cot. • Place extra plywood 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	• Performance test is not correct.	• Do not conduct a performance test by picking up the baby out of cot and waiting for the alarm to sound. Kindly conduct performance test according to guidance on page 11.
The alarm does not go off within 20 seconds when performing the correct performance test	• Environmental influences detected by the sensor pads, such as wind, fan, air conditioner, mobile, vibrations.	• 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 cot area or an intercom placed near the cot with intense transmission levels. Solutions: Eliminate sources of wind, remove the 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: 1. In the back of the sensor pads (as shown in illustration 1) reduce the sensitivity level to position 2 (on both sensor pads) and perform the test again. If the alarm sounds within 20 seconds, then keep this sensitivity level. 2. If the alarm does not go off in time, then reduce the sensitivity level to position 1 and perform the test again. If the alarm sounds within 20 seconds, then keep this sensitivity level. 3. If the alarm does not go off in time at this level, then we suggest using only one sensor pad with the sensitivity level adjusted to position 1. ATTENTION: Should false alarms sound as a result of reduced sensitivity, increase the level of sensitivity and then perform the Performance Test.

For all product related questions and warranty support please call Oricom Customer Support team on 1300 889 785 or (02) 4574 8888.

Customer Support

If you have any problems setting up or using this product you will find useful 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.

Important

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.

Express Warranty (Australia)

Oricom International Pty Ltd is the distributor of Babysense2 in Australia. This Express Warranty is provided by Oricom International Pty Ltd ABN 46 086 116 369, Unit 1, 4 Sovereign Place, South Windsor NSW 2756, herein after referred to as "Oricom".

Oricom products come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Oricom warrants that the product is free from defects in materials or workmanship during the Express Warranty Period. This Express Warranty does not extend to any product from which the serial number has been removed or was purchased outside of Australia.

Nothing in this Express Warranty excludes, restricts or modifies any condition, warranty, guarantee, implied term, right or remedy pursuant to the Australian Consumer Law and which may not be so excluded, restricted or modified. For such conditions, terms, guarantees and warranties that cannot be excluded, restricted or modified, Oricom limits the remedies available to extent permitted in the relevant legislation.

The Express 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 Express Warranty services.

You are entitled to a replacement product or repair of the product at our discretion according to the terms and conditions of this document if your product is found to be faulty within the Express Warranty Period. This Express 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 Express Warranty Period of the Oricom branded product in which they are installed, whichever is longer. During the Express Warranty Period, Oricom will where possible repair and if not replace the faulty product or part thereof. All component parts removed under this Express Warranty become the property of Oricom. In the unlikely event that your Oricom product has a recurring failure, Oricom may always, 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.

No change to the conditions of this Express Warranty is valid unless it is made in writing and signed by an authorised representative of Oricom. Oricom will not be liable under this Express Warranty, and to the extent permitted by law will not be liable for any defect, loss, damage or injury arising out of or in connection with a:

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. wilful misconduct or deliberate misuse by you of the product;
3. any external cause beyond our control, including but not limited to power failure, lightning or over voltage; or
4. modification to the product or services carried out on the product by anyone other than Oricom or Oricom's authorised service provider.

How to make a claim under your Express Warranty in Australia

Oricom has a simple warranty process for you to follow:

- Please call or email our Customer Support Team, 1300 889 785 / (02) 4574 8888 or support@oricom.com.au.
- A Customer Support Team member will verify after troubleshooting with you if your product qualifies under warrant. If so, they will give you a Product Return Authorisation number.
- We will then email or fax a Return Authorisation form and a Repair Notice (if necessary), together with instructions on how to return the goods for warranty service.

Please note that if a Customer Support Team member advises that your product does not qualify for return, this warranty does not apply to your product.

Products that are authorised to be returned to Oricom in Australia must include all of the following:

- A completed Return Authorisation form
- A copy of your Proof of Purchase (please keep your original copy)
- The faulty product, including all accessories.

Send the approved returns to:

Oricom International Pty Ltd

Locked Bag 658

South Windsor NSW 2756 Australia

Please note that this Express Warranty excludes expenses incurred by you in returning any faulty product to us. You must arrange and pay any expenses incurred (including postage, delivery, freight, transportation or insurance of the product) to return the faulty product to us, however, we will arrange delivery of the repaired or replaced faulty product to you.

Important Information

Repair Notice

Please be aware that the repair of your goods may result in the loss of any user-generated data (such as stored telephone numbers, text messages and contact information). Please ensure that you have made a copy of any data saved on your goods before sending for repair.

Please also be aware that goods presented for repair may be replaced by refurbished goods or parts of the same type rather than being repaired.

Contact Details for Oricom Support and Warranty Claims in Australia

Oricom International Pty Ltd
Unit 1, 4 Sovereign Place
South Windsor, NSW 2756
Australia

Email: support@oricom.com.au
Phone: 1300 889 785 or (02) 4574 8888
(Monday to Friday 8am to 6pm AEST)
Web: www.oricom.com.au
Fax: (02) 4574 8898

Contact Details for Oricom Support and Warranty Claims in New Zealand

Email: support@oricom.co.nz
Phone: 0800 674 266
(Monday to Friday 10am to 8pm NZST)
Web: www.oricom.co.nz