
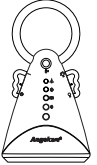
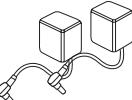
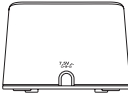

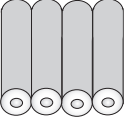



# Angelcare Movement & Sound Monitor AC401



The Quick Set Up Guide can be found on the back page

Please check if all parts are present before installing the Angelcare Monitor

						
1 x Parent Unit	1 x Nursery Unit	2 x AC adapters 7.5v	1 x Charging Cradle	1 x SensorPad	4 x rechargeable batteries (for parent unit)	1 x Instructions Manual

**The Angelcare Baby Monitor is a Personal Care Product.**

**Please DO NOT return it to the store, but contact us initially for advice and assistance:**

Angelcare Helpline 0845 009 1789; Monday to Friday, 10am - 3pm  
 Website: [www.angelcare-uk.co.uk](http://www.angelcare-uk.co.uk); Email: [helpline@angelcare-uk.co.uk](mailto:helpline@angelcare-uk.co.uk)

**Angelcare®** Consumer Helpline: 0845 009 1789 | [www.angelcare-uk.co.uk](http://www.angelcare-uk.co.uk)



**Congratulations on your purchase of the Angelcare Movement & Sound Monitor AC401. Please use these simple instructions to set up and use your Angelcare baby monitor system.**

**Also available from Angelcare:**



**Sound Only Baby Monitor AC420**



**Movement Only Monitor AC300**

**Angelcare®** Consumer Helpline: 0845 009 1789 | [www.angelcare-uk.co.uk](http://www.angelcare-uk.co.uk)

Thank you for choosing an Angelcare Movement and Sound Monitor.

We want you to be happy with this monitor and therefore we suggest that you take the time to read through the instructions thoroughly. This will ensure that you set the monitor up to suit your needs.

For ease of use the Installation Guide has been split into 6 easy to follow steps.

If you encounter any problems there is a comprehensive trouble-shooting guide at the end of this manual.

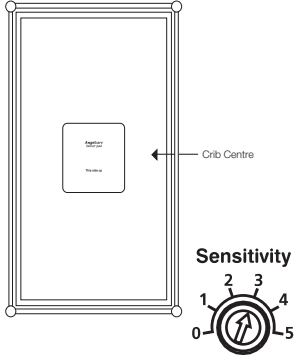
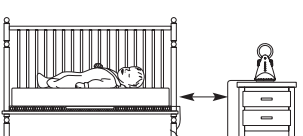
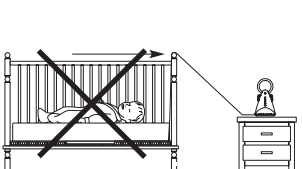
For all further information please contact the Angelcare Helpline.

## Installation Guide

<b>Step 1:</b>	Installation of the SensorPad	<b>Menu 1:</b>	Movement & Sound Monitoring Settings
<b>Step 2a:</b>	Installation of the Nursery Unit	<b>Menu 2:</b>	Out of Range Setting
<b>Step 2b:</b>	Overview Functions Nursery Unit	<b>Menu 3:</b>	Sound Transmission Setting
<b>Step 3a:</b>	Installation of the Parent Unit	<b>Menu 4:</b>	Alarm Settings
<b>Step 3b:</b>	Overview Functions Parent Unit	<b>Menu 5:</b>	Temperature Control Settings
<b>Step 4:</b>	Establishing connection between the Parent & Nursery Unit	<b>Menu 6:</b>	Other functions (Battery Mode, Hold, Paging, Mute)
<b>Step 5:</b>	Testing your Angelcare Monitor		
<b>Step 6:</b>	Menu Access & Changing Settings		

**Troubleshooting  
Warnings, Maintenance & Warranty  
Quick Set-Up Guide**

### Step 1: Installation of the SensorPad

- The SensorPad works with all baby bed sizes and all mattresses, except memory foam mattresses
- Position the SensorPad in the middle of the bed on top of the mattress base as shown on the left, with the printed side of the SensorPad facing upwards
- The SensorPad must rest on a completely flat and rigid surface. We recommend placing a piece of plywood UNDER the SensorPad. The plywood will push the SensorPad into the mattress and ensures contact between the SensorPad and the mattress at all times. The plywood needs to be at least 10cm larger than the SensorPad and approx. 6mm thick. Drill a few holes in the plywood to allow air circulation
- Place the mattress back ON TOP of the SensorPad.
- Secure the SensorPad wire to the bed using a tie wrap. Keep the wire out of the baby's reach at all times.
- The Sensitivity adjustment has been preset. **DO NOT ADJUST UNLESS NECESSARY.** The sensitivity of the SensorPad can be adjusted to ensure optimal

performance in any situation (e.g. mattress size and thickness). See Step 5: Testing your Angelcare Monitor

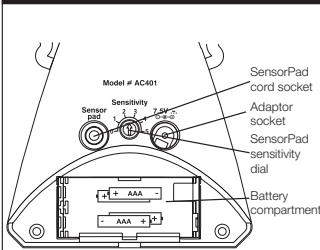
**NEVER use the Angelcare Movement & Sound Monitor if multiple babies are sleeping together in ONE bed. For monitoring more than one baby (e.g. twins) you need two Angelcare AC401 Movement & Sound Monitors and the babies need to be in SEPARATE beds.**

The SensorPad can be used with moses baskets, but the plywood is not required in this specific situation. **ALWAYS place the SensorPad directly under the moses basket mattress and ensure the lead is fed through a hole in the base so it is well away from baby.**

The SensorPad **CANNOT** be used with mattresses for adults or any mattress with memory foam.

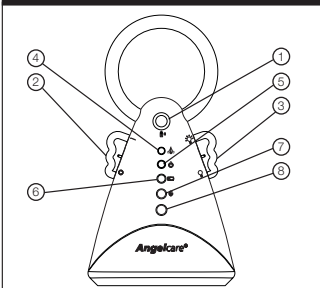
**DO NOT** attach any moving or vibrating item (e.g. mobile) to the cot, as this will affect the SensorPad readings.

### Step 2a: Installation of the Nursery Unit



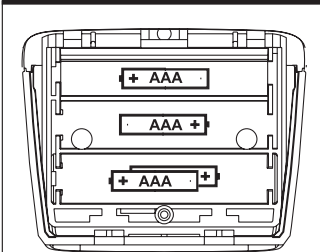
1. Place the Nursery Unit at least 50cm from the baby's bed
2. Connect the plug of the SensorPad into the dedicated socket on the back of the Nursery Unit
3. Insert 4 x AAA regular batteries (not included) into the Nursery Unit (for battery backup in case of power failure)
4. Connect the AC adapter to the Nursery Unit and plug the adapter into the mains in the baby's room
5. If two Angelcare Monitors are used in the same room, please ensure there is at least 1 metre between both Nursery Units

### Step 2b: Overview Functions Nursery Unit



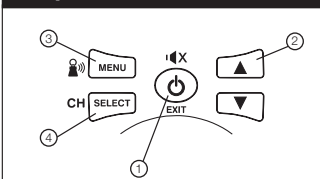
1. CONNECTING function (Step 4) and Parent Unit PAGING function (Step 7)
2. Power ON/OFF
3. Night light ON/OFF
4. PENDULUM light (flashes when movement is being detected)
5. POWER ON light
6. LOW BATTERY indicator
7. Microphone
8. Speaker

### Step 3a: Installation of the Parent Unit & Charger

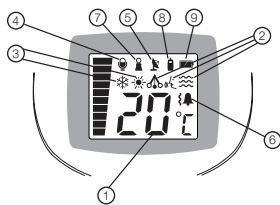


1. The Parent Unit is portable and fully rechargeable
2. Insert 4 x AAA NIMH rechargeable batteries (included) into the Parent Unit. **NEVER** use regular alkaline batteries as these batteries are not suitable and might explode
3. Connect the AC adapter to the charger and plug the adapter into the mains. Place the Parent Unit in the charger and charge the batteries for 15 hours before first use
4. Place the charger in a convenient place in your home, e.g. your living room. The maximum distance between the Parent Unit and the Nursery Unit is approx. 100 metres indoors and 250 metres outdoors

### Step 3b: Overview Functions Parent Unit

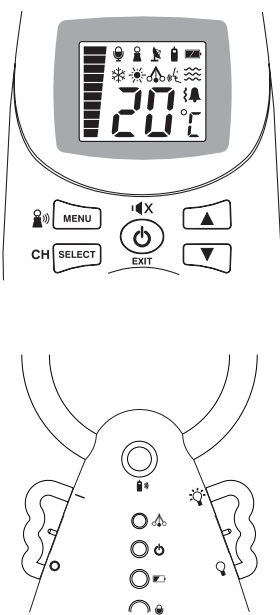


1. Power ON/OFF; also EXIT function (in menu, Step 6); also MUTE function (Step 7)
2. ARROWS UP/DOWN (volume level); also HOLD function (Step 7)
3. MENU button (to access menu - Step 6); also CONNECTING function (Step 4)
4. SELECT button (to confirm menu choices - Step 6); also CHANNEL button (to change transmission channel - Step 4)



- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Temperature Indicator (in baby's room)</li> <li>2. Movement &amp; Sound Monitoring Setting (Step 6, Menu 1)</li> <li>3. Temperature Control Setting (Step 6, Menu 5)</li> <li>4. Sound Transmission Setting (Step 6, Menu 3)</li> <li>5. Out of Range Setting (Step 6, Menu 2)</li> </ol> | <ol style="list-style-type: none"> <li>6. Alarm Setting (Step 6, Menu 4)</li> <li>7. Nursery Unit Icon (will flash if Parent and Nursery Unit are not connected)</li> <li>8. Parent Unit Icon (will be visible in MENU access only)</li> <li>9. Battery Icon (will only be visible when batteries are inserted correctly)</li> </ol> |
|---|--|

**Step 4: Establishing Connection Between the Parent & Nursery Units**



**(RE)CONNECTING**

**The connection between the Parent Unit and the Nursery Unit is automatically established every time when both units are turned ON. If this is not the case, please follow the reconnection procedure below:**

1. Turn both units OFF
2. Turn ON the Parent Unit and press and hold the MENU button until a beep sounds and the OUT OF RANGE indicator starts flashing
3. Turn ON the Nursery Unit and press and hold the PAIRING button on the front of the Nursery Unit until a beep sounds and the tic (as given in Step 6, Menu 1) light starts flashing
4. If successful, the Parent Unit will show the channel number, which will be replaced by the standard menu after a few seconds.

**CHANNEL SELECTION**

The Angelcare Monitor has 8 manually selectable channels. If the transmission is not clear or you experience interference the channel can be changed as follows:

1. Turn both units ON
2. Press and hold the SELECT button
3. The current channel will be shown on the Parent Unit display
4. Change the channel with the ARROWS UP or DOWN
5. Press the SELECT button again to confirm the channel

**ALWAYS keep at least 3 metres distance between the Parent Unit and the Nursery Unit to avoid feedback (loud whistling noise) between the units.**

**NOTE: If the Parent Unit is turned ON, but the Nursery Unit is OFF, the Parent Unit will start beeping and turn itself OFF after 4 seconds.**

**Step 5: Testing your Angelcare Monitor**

**TEST THE SOUND**

Switch both units ON. Have someone speak into the Nursery Unit or play music in the baby's room. You should hear sound from the Parent Unit. If there is no sound, please refer to the Troubleshooting section. You can increase/decrease the sound volume using the ARROWS UP and DOWN on the Parent Unit.

**TEST YOUR MONITOR TO DETECT MOVEMENT**

1. Make sure the SensorPad is installed correctly and turn both

units ON

2. Gently move your hand on top and in the middle of the mattress. This will simulate your baby's movements
3. If movement is detected, the top green PENDULUM light will flash on the Nursery Unit and the pendulum in the Parent Unit display will 'swing'
4. After approx. 1 minute remove your hand from the mattress. Do not lean against the baby's bed!
5. Due to the lack of movement, the green PENDULUM light on

the Nursery Unit will stop flashing and the pendulum on the Parent Unit stops swinging. After 15 seconds a loud 'pre-alarm' beep will sound, and 5 seconds later the alarm will sound loudly (continuous beeping sound).

6. Follow the same process for all four corners of the mattress to ensure that the SensorPad is covering the complete mattress. The area covered by the SensorPad can be increased by adjusting the sensitivity (see below)

7. If the alarm does not sound, the SensorPad may be detecting a continuous vibration from (e.g.) the floor, a strong draught or vibrating items (e.g. cot mobiles), or the baby's bed is being touched.  
DO NOT touch baby's bed whilst testing the monitor. Place baby's bed near a solid supporting wall and away from strong drafts.

**ADJUSTING THE SENSITIVITY OF THE SENSORPAD**

1. The standard setting is approx. level 3, which is suitable for most bed sizes and types of mattress. DO NOT ADJUST UNLESS NECESSARY
2. The sensitivity of the SensorPad can be increased (highest level 5, suitable for larger beds or thicker mattresses) or decreased

(lowest level 1, suitable for smaller beds and if there a possibility of external vibrations) using the dial on the back of the Nursery Unit

3. By increasing the sensitivity the SensorPad will cover a larger area (e.g. bigger beds or thicker mattresses), BUT it could also detect vibrations from outside the baby's bed, e.g. mobiles, etc
4. It is important to find the right balance for your situation to ensure optimal performance of the SensorPad
5. ALWAYS test the performance after moving and reinstalling the Angelcare Monitor in a different place or when the bed or mattress has changed

**6. NEVER USE THE SENSORPAD WITH A MEMORY FOAM MATTRESS!**

**TEST STOPPING THE ALARM**

To stop the alarm:

1. Place your hand lightly on the mattress again so that the SensorPad starts detecting movement
2. Turn the Nursery Unit OFF (then restart the monitor by turning the Nursery Unit ON again)

**TEST THE BATTERY MODE**

Always check if the battery mode is functional by operating both units without the AC adapters. If the green BATTERY light on the Nursery Unit does not light up, the batteries need to be replaced. If the display on the Parent Unit does not appear, it needs to be recharged. See also Step 7 for further instructions.

**Step 6: Menu Access & Changing Settings**

Your Angelcare Monitor has 5 different menus which provide full access to all monitor settings. You can access the MENU and change the settings as follows:

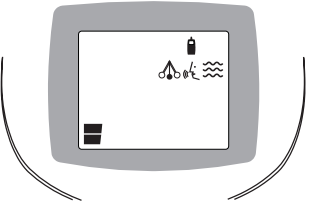
1. Turn both units ON
2. Press the MENU button **briefly** to enter MENU 1 or press MENU again to go to the NEXT MENU (see point 7)

3. The relevant icons of the selected settings will become visible or start flashing
4. The settings can be changed using the ARROWS UP and DOWN
5. **Always press SELECT to confirm your setting**

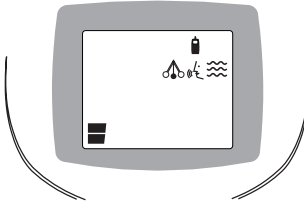
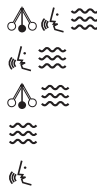





6. Press EXIT to exit the menu if you are finished with programming or press MENU to forward to the next MENU
7. The menus are in a loop so each time you press the MENU button briefly you forward to the next MENU in the following order:

Menu Options Loop				
Menu 1	Menu 2	Menu 3	Menu 4	Menu 5
Movement & Sound Monitoring Settings	Out of Range Setting	Sound Transmission Settings	Alarm Settings	Temperature Control Settings

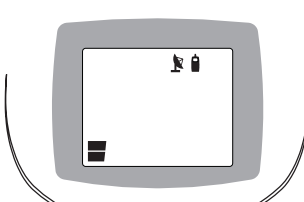




**Step 6 Menu 1: Movement & Sound Monitoring Settings**

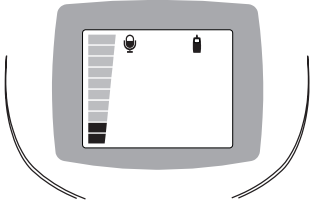





	Functions	<p><u>Tic function:</u> The 'tic' is a sound that tells you that your SensorPad is detecting movements. This function can only be activated together with the Movement function.</p> <p><u>Sound function:</u> Activates the sound transmission between the parent unit and the nursery unit.</p>	<p><u>Movement function:</u> Activates the SensorPad. It will detect your baby's movements and sound an alarm when there is no movement after 20 seconds. Please ensure the SensorPad has been installed and tested according to the instructions in Steps 1 and 5.</p>
	Factory Setting	Tic, Sound & Movement function activated	

**Step 6 Menu 1: Movement & Sound Monitoring Settings (continued)**

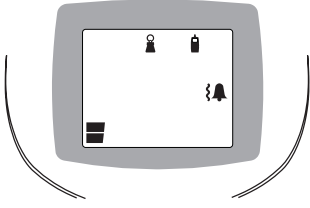








	Options	<p>There are five combinations:</p> <ol style="list-style-type: none"> <li>1. Tic, Sound &amp; Movement</li> <li>2. Sound &amp; Movement</li> <li>3. Tic &amp; Movement</li> <li>4. Movement Only</li> <li>5. Sound Only</li> </ol>	<p>Icons shown on display:</p> 
<p><b>Overview icons in display:</b></p> <ul style="list-style-type: none"> <li> Tic function</li> <li> Sound function</li> <li> Movement function</li> <li> In MENU mode</li> <li> Sound level</li> </ul>	How to change this setting	<ol style="list-style-type: none"> <li>1. Press the MENU button once; flashing icons will appear (current setting)</li> <li>2. Select your chosen combination with the ARROWS UP or DOWN (see 5 options above)</li> </ol>	<ol style="list-style-type: none"> <li>3. Press SELECT to confirm your choice</li> <li>4. Press EXIT if you are finished programming (or MENU if you would like to go to MENU 2)</li> </ol>

**Step 6 Menu 2: Out of Range Setting**

	Functions	<p>The monitor is equipped with an OUT OF RANGE Indicator function, which will advise you when the two units are not communicating with each other. OUT OF RANGE situations can be caused by (e.g.) too much distance or thick walls between the two units.</p> <p>Range: up to 250 metres/820 ft (open field); between 80 metres/262 ft and 100 metres/328 ft (indoors).</p> <p>When the units are Out of Range you will hear a DOUBLE</p>	<p>BEEP every 8 seconds and the OUT OF RANGE icon (satellite dish) will flash on the display of the Parent Unit. When the alarm sounds move the units closer together until communication has been (re)established. OUT OF RANGE can also be used to warn you to turn ON the Nursery Unit again after you have taken your baby out of bed for (e.g.) a feed. If activated, the Parent Unit will keep beeping until the Nursery Unit is turned ON again.</p>
	Factory Setting	OUT OF RANGE is turned ON	
	Options	<p>There are two options:</p> <ol style="list-style-type: none"> <li>1. OUT OF RANGE OFF</li> <li>2. OUT OF RANGE ON</li> </ol>	<p>Icons shown on display:</p> 
<p><b>Overview icons in display:</b></p> <ul style="list-style-type: none"> <li> Out of Range indicator</li> <li> In MENU mode</li> <li> Sound level</li> </ul>	How to change this setting	<ol style="list-style-type: none"> <li>1. Press the MENU button briefly twice; the icons of the current setting will appear (ON)</li> <li>2. Select ON or OFF with the ARROWS UP or DOWN</li> </ol>	<ol style="list-style-type: none"> <li>3. Press SELECT to confirm your choice</li> <li>4. Press EXIT if you are finished programming (or MENU if you would like to go to MENU 3)</li> </ol>

 <p><b>Overview icons in display:</b></p> <ul style="list-style-type: none"> <li> Sound Transmission Indicator</li> <li> Microphone sensitivity level</li> <li> In MENU mode</li> </ul>	Functions	<p>The sound transmission can be set either to CONTINUOUS SOUND or SOUND ACTIVATED.</p> <p>Continuous Sound: the sound transmission between Nursery Unit and Parent Unit is always active, so you will hear every little sound in the baby's room. When selected, the microphone icon will not be visible on the Parent Unit display.</p>	<p>Sound Activated: the sound transmission between the Nursery Unit and Parent Unit is only activated if the Nursery Unit registered a certain level of sound, (e.g.) crying. The sound transmission will turn itself off again if no sound is registered. The sensitivity of the microphone is adjustable. When selected, the microphone icon will be visible on the Parent Unit display.</p>
	Factory Setting	Sound transmission is CONTINUOUS SOUND	
	Options	<p>There are two options:</p> <ol style="list-style-type: none"> <li>1. CONTINUOUS SOUND</li> <li>2. SOUND ACTIVATED</li> </ol>	<p>Icons shown on display:</p> <ul style="list-style-type: none"> <li> OFF</li> <li> ON</li> </ul>
	How to change this setting	<ol style="list-style-type: none"> <li>1. Press the MENU button briefly three times; the icons of the current setting will appear (OF)</li> <li>2. Select ON or OFF with the ARROWS UP or DOWN</li> <li>3. Press SELECT to confirm your choice</li> <li>4. If you have selected ON (Sound Activated) and pressed SELECT, press MENU again to set the microphone sensitivity</li> <li>5. Increase the microphone</li> </ol>	<ol style="list-style-type: none"> <li>6. Press SELECT to confirm the sensitivity level</li> <li>7. Press EXIT if you are finished programming (or MENU if you would like to go to MENU 4)</li> </ol>

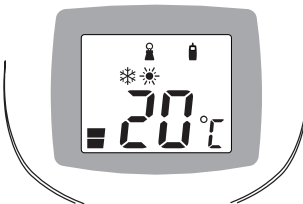







#### Step 6 Menu 4: Alarm Settings

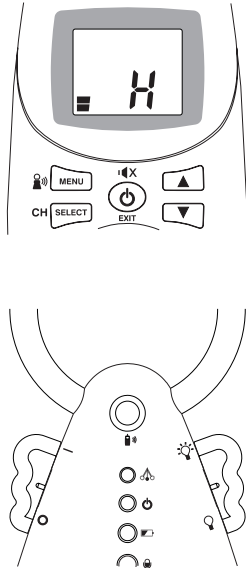
 <p><b>Overview icons in display:</b></p> <ul style="list-style-type: none"> <li> Alarm Setting Indicator</li> <li> Vibrating Alarm</li> <li> Sound Alarm</li> <li> In MENU mode</li> <li> Sound level</li> </ul>	Functions	<p><u>Sound Alarm:</u> An audible alarm will sound if an alarm is activated</p> <p><u>Vibrating Alarm:</u> The Parent Unit will only vibrate if an alarm is activated, no sound will be heard</p>	<p><u>Sound &amp; Vibration Alarm:</u> Combination of a Sound and Vibrating alarm</p>
	Factory Setting	Sound and Vibrating Alarm activated	
	Options	<p>There are three combinations:</p> <ol style="list-style-type: none"> <li>1. Sound Alarm</li> <li>2. Vibrating Alarm</li> <li>3. Vibrating &amp; Sound Alarm</li> </ol>	<p>Icons shown on display:</p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>

**Step 6 Menu 4: Alarm Settings (continued)**

	How to change this setting	<ol style="list-style-type: none"> <li>1. Press the MENU button 4 times; the icons of the current setting will appear</li> <li>2. Select your chosen combination with the ARROWS UP or DOWN (see 3 options above)</li> </ol>	<ol style="list-style-type: none"> <li>3. Press SELECT to confirm your choice</li> <li>4. Press EXIT if you are finished programming (or MENU if you would like to go to MENU 5)</li> </ol>
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**Step 6 Menu 5: Temperature Control Settings**

 <p><b>Overview icons in display:</b></p> <ul style="list-style-type: none"> <li> Temperature Control Indicator</li> <li> Low Temperature Setting</li> <li> High Temperature Setting</li> <li> In MENU mode</li> <li> Sound level</li> </ul>	Functions	<p>Your Angelcare Monitor can be used to monitor the temperature in your baby's room and sound an alarm if the temperature is either too high or too low. A triple beep will sound if the temperature is outside the programmed range.</p> <p><b>The temperature sensor in the Nursery Unit is very sensitive and readings can</b></p>	<p><b>be affected by (e.g.) cold or warm draughts, placement next to a cold window or above a heating radiator. Always use a 2nd separate digital thermometer placed in a different part of the room to achieve an accurate reading of the temperature in the baby's room.</b></p>
	Factory Setting	Temperature Control is OFF	
	Options	<p>There are two options:</p> <ol style="list-style-type: none"> <li>1. Temperature Control OFF</li> <li>2. Temperature Control ON</li> </ol>	<p>Icons shown on display:</p> <p> OF</p> <p> ON</p>
	How to change this setting	<ol style="list-style-type: none"> <li>1. Press the MENU button briefly five times; the icons of the current setting will appear (OF)</li> <li>2. Select ON or OFF (display will show OF) with the ARROWS UP or DOWN</li> <li>3. Press SELECT to confirm your choice</li> <li>4. If you have selected ON and pressed SELECT, press MENU to set the desired lowest temperature level (snowflake icon will appear) with the ARROWS</li> </ol>	<p>UP and DOWN. Press SELECT to confirm your setting</p> <ol style="list-style-type: none"> <li>5. Press MENU again to set the desired highest temperature level (sun icon will appear) with the ARROWS UP and DOWN. Press SELECT to confirm your setting. Press EXIT if you are finished programming (or MENU if you would like to go back to MENU 1)</li> </ol>



**BATTERY MODE**

ALWAYS insert the included rechargeable batteries in the Parent Unit and insert standard batteries in the Nursery Unit as described in Steps 2a and 3a.

Your Angelcare Monitor will use the Battery Mode during a power failure, BUT only if batteries are inserted in both units.

With batteries inserted in both units you can also use the Angelcare monitor in places where mains electricity is not available.

When the Nursery Unit's low battery RED light is flashing, its batteries need to be replaced. On the screen of the Parent Unit, the battery icon flashes and the Nursery Unit icon appears. A short BEEP will also be heard every 15 seconds for about 30 minutes, until the unit shuts itself off.

Parent Unit should be recharged when icon is clear (will not flash) and a beep sound is heard. This short BEEP sound will be heard every 15 seconds until the unit shuts itself down. Note: Do not use Alkaline batteries in the Parent Unit.

**IMPORTANT:** If the "Out of range" function is ON, when the Nursery Unit shuts itself off, the "Out of range" signal will be heard and displayed on the Parent Unit.

**HOLD - ALARM & SOUND**

Press and hold the DOWN ARROW for 2 seconds. The symbol 'H' will appear on the Parent Unit display. This function allows you to put the monitor on HOLD when you need to pick up the baby out of his/her bed for a short period of time. When the monitor is on HOLD, the movement alarm will not go off and no sound is being transmitted. The Parent Unit will sound a DOUBLE BEEP every minute to confirm the monitor is still on HOLD. Press and hold the DOWN ARROW for 2 seconds again to deactivate the HOLD function. The display will return to normal.

**TIP:** When the movement alarm sounds after you have picked up your baby, press ANY key on the Parent Unit to put the monitor on HOLD. The HOLD function does now work when the SOUND ONLY setting has been selected.

**PAGING THE PARENT UNIT**

Press the TOP BUTTON of the Nursery Unit to locate the Parent Unit.

**TEMPORARY MUTE - SOUND**

Press the EXIT button to mute the sound transmission for 2 minutes. To reactivate the sound transmission before the 2 minutes have lapsed, press EXIT again.

**Troubleshooting Problems**

Description	Possible Cause	How to solve
<b>The SensorPad is giving false alarms</b>	Baby was removed from his/her bed and Nursery Unit was not switched OFF.	Turn off the Nursery Unit.
	The SensorPad plug is not connected properly to the Nursery Unit.	Verify the connection between the SensorPad and Nursery Unit. Unplug and reconnect the cord.
	The SensorPad is not in full contact with baby's mattress and/or the mattress is not resting on a completely flat or rigid surface.	Make sure there is no bedding between mattress and SensorPad. The SensorPad must rest on a completely flat and rigid surface. Place a piece of 6mm thick plywood under the SensorPad. Please follow the instructions in Step 2.
	Your baby is in a very deep sleep or has moved to a corner of the bed, away from the SensorPad.	Make sure the SensorPad is positioned, installed and tested as described in Steps 3 and 5 to ensure that the SensorPad is covering the complete mattress, also in the corners of the bed.
	The sensitivity setting of the SensorPad is too low, e.g. level 1.	If the sensitivity level is too low, the SensorPad may not detect your baby's movements. The standard setting of the SensorPad sensitivity is approx. 3. This setting works for most baby bed sizes and mattresses and can be adjusted with the dial on the back of the Nursery Unit. ALWAYS install and test the SensorPad according to the instructions in Steps 1 and 5.
<b>The SensorPad alarm does not go off</b>	The Nursery Unit is detecting external movement or vibrations when baby's bed is being touched.	Avoid contact with the crib when monitor is ON.

**Troubleshooting Problems (continued)**

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Description	Possible Cause	How to solve
<b>No sound is being transmitted</b>	The sound transmission is set to 'Voice Activated' and the sound in the baby's room is not loud enough to activate the transmission. The microphone icon is visible in the top right corner of the display.	Increase the microphone sensitivity if you would like to keep 'Voice Activated' sound transmission or activate 'Continuous' sound transmission. Please see Step 3 for further instructions.
	The units are not connected. The Parent Unit shows a flashing Nursery Unit and '- -' in the display.	Re-establish connection between the two units, see step 4.
	One of the units is OFF, due to low or incorrect installed batteries.	Check/replace the batteries or recharge the Parent Unit (see step 7).
	One of the units is OFF, due to the AC adapters are not connected properly or the mains socket is turned off.	Check if all AC adapters are working correctly and if the mains socket are turned ON.
	One of the units is OFF.	Ensure both units are ON.
<b>The Parent Unit shows a flashing Nursery Unit icon and '- -' in the display. There is no connection between the Parent Unit and Nursery Unit.</b>	If both units are ON, the two units are not connected.	Re-establish connection between the two units, see Step 4.
	The Nursery Unit is not switched ON.	Turn the Nursery Unit on by moving the left wing to the UP position.
<b>The sound transmission is intermittent</b>	The sound transmission is set to 'Voice Activated' and will only transmit if the microphone on the Nursery Unit detects a certain level of sound. The microphone icon is visible in the top right corner of the display.	Increase the microphone sensitivity if you would like to keep 'Voice Activated' sound transmission or activate 'Continuous' sound transmission. Please see Step 3 for further instructions.
<b>The power ON indicator (second green light) on the Nursery Unit does not light up</b>	The AC adapters are not connected properly or the mains socket is out of order or not switched on.	Check the connections and/or change to another electrical socket.
	The Nursery unit is not turned ON.	Move the left wing to the ON position (UP).
<b>There is very weak reception</b>	The Parent and Nursery Units are too far apart and the 'Out of Range' indicator is OFF.	Reduce the distance between the two units until communication is established. Ensure both units are ON. Turn the Out of Range function ON to avoid this in the future (see Step 2).
	One or both units are placed near a large metal construction which obstructs the transmission.	Reduce the distance between the two units until communication is established. Ensure both units are ON. Turn the Out of Range function ON to avoid this in the future (see Step 2).
	One or both units are not in the upright position.	Place both units on a flat surface away from baby's reach.
	The batteries are low.	Check/replace the batteries or recharge the Parent Unit (see step 7). Check if all AC adapters are working correctly and if the mains socket is turned ON.
	There is no connection between the Parent and Nursery Units.	Re-establish connection between the two units, see Step 4.
<b>There is interference or noise coming from the Parent Unit (e.g. interference from other monitors, wireless phones and networks, walkie-talkies, etc)</b>	There is other external 'transmission' on the selected channel. The Parent Unit is located near motorized devices, fluorescent lights, televisions, etc.	Select a different channel as described in Step 4. Your Angelcare Monitor has 8 channels. If you have two Angelcare Monitors, ALWAYS ensure that the channels on both monitors are as far apart as possible, e.g. channel 1 for one monitor and channel 8 for the other monitor. Also keep at least 1 metre distance between both Parent Units and both Nursery Units. Keep the Parent Unit and the Nursery Unit away from any devices that can be a source of interference.
<b>There is 'feedback' coming from the Parent Unit (loud howling noise)</b>	The Parent Unit and the Nursery Unit are too close together.	Keep the Parent and Nursery Units at least 3 metres/10 feet apart. Decrease the volume level on the Parent Unit using the ARROWS UP and DOWN.
<b>The mattress has become mouldy</b>	There is not enough air circulation under the mattress.	If you have placed a large piece of plywood under the SensorPad as instructed, please drill holes in the plywood to allow air circulation. The SensorPad is a passive device and does not radiate any form of energy or heat.

- **This product is NOT a medical device designed to prevent cases of Sudden Infant Death Syndrome (SIDS or cot death).**
- **This product is NOT a substitute for direct supervision of your baby. Check your baby's activities at regular intervals. Monitoring of premature babies, or babies considered to be at risk, should be carried out only under the supervision of a doctor or health professional.**
- DO NOT put the Parent Unit near wireless devices or a microwave oven. Such devices can disrupt the transmission of the alarm signal.
- The SensorPad may detect movement from many sources from both inside and outside your baby's room, e.g. washing machine, loud music, etc. Make sure that all vibration sources are eliminated before using the Angelcare monitor. Please do not touch the baby's bed when the monitor is in use. Please read Step 1 (Installation of SensorPad), Step 5 (Testing your Monitor) and the Troubleshooting section.
- When monitor is in use, DO NOT use a crib mobile or other crib accessories that produce vibrations. This can prevent the movement alarm from working properly as the monitor will still be detecting movement.
- If the monitor has been stored or has been exposed to hot or cold temperatures, it may take up to one hour before the temperature displayed on the Parent Unit is accurate.
- ALWAYS place the Parent and Nursery Units on a flat surface in an upright position, away from baby's reach.
- Make sure to plug the adapter into a convenient accessible socket outlet.
- Keep all wires out of baby's reach as this could cause a possible entanglement or strangulation injury.
- DO NOT touch the end of the adapter cord when it is plugged into the mains.
- The Angelcare monitor uses public airwaves to transmit signals. The Parent Unit may pick up signals or interference from other baby monitors in your area. Your monitor may also be picked up by receivers in other households. To protect your privacy, make sure both units are in the OFF position when not in use and change the channels regularly.
- The Angelcare monitor is perfectly safe. The SensorPad and its cord are entirely passive. They carry no electrical current and do not radiate any form of energy. The Nursery Unit emits only very low power radio signals through its antenna. These signals do not present a safety hazard.
- Your monitor can be used in any crib or sleeping area (that has no motion or vibration) designed to hold a baby safely.
- **ONLY USE ORIGINAL ANGELCARE AC ADAPTERS, MODEL NO. T07505B001.**

### Monitoring More Than One Baby

- **NEVER use the Angelcare Movement & Sound Monitor if multiple babies are sleeping together in ONE bed!**
  - **For monitoring more than one baby (e.g. twins) you need two Angelcare AC401 Movement & Sound Monitors and the babies need to be in SEPARATE beds.**
  - If you are using two Angelcare monitors it is essential that:
    - a. Each monitor is set to a different channel
    - b. The distance between the two Nursery Units is at least 1 metre
    - c. The distance between the Parent Units is at least 1 metre
- If 2 babies are in one room, we recommend using 1 x Angelcare Movement and Sound Monitor AC401 and 1 x Angelcare Movement only Monitor AC300. Please see website for more information.

### Maintenance of Your Angelcare Monitor

- RETAIN INSTRUCTIONS:** Always keep this Instructions Manual for future reference.
- WATER, MOISTURE AND HEAT DAMAGE:** Keep all monitor components away from water (sink, bath tub, swimming pool) and places that emit heat (stove, radiator).
- VENTILATION:** ALWAYS place both units on a flat surface in an upright position to ensure free air circulation around the units. The SensorPad is made of plastic and does not permit the air to circulate. Therefore, mildew build-up could develop underneath the mattress in the SensorPad area.
- We suggest rotating the mattress regularly (as per the manufacturer's instructions) to prevent any mildew.
- AC POWER SOURCE:** Use only the AC adapters supplied with the Angelcare monitor.
- CORD PROTECTION:** Avoid damage to the cords of the SensorPad and adapters. Route cords so that they are not likely to be walked on or pinched by items placed upon or against them.
- CLEANING:** Disconnect all units before cleaning. DO NOT immerse in water. Use a dry cloth to keep monitor free from dust. DO NOT spray with cleaning products or solvents. Wipe SensorPad with a cloth moistened very slightly with an antiseptic or mild detergent.
- OBJECT AND LIQUID ENTRY:** Care should be taken so that objects do not fall onto units and that liquids are not spilled into either unit or SensorPad through its openings.
- NON-USE PERIODS:** When not using the monitor for any long period, remove the batteries from both units and disconnect the AC adapters from the electrical outlet.

**IMPORTANT! The Angelcare monitor is a personal care product. Please DO NOT return this product to the retailer you bought it from. If you have questions or need help, please call the Angelcare Helpline on 0845 009 1789 or email to helpline@angelcare-uk.co.uk.**

Angelcare warrants to the original owner of this product that the Angelcare rechargeable movement and sound monitor (model AC401) is free from any material and workmanship defects, for a period of one (1) year from the date of the original purchase. If this monitoring system fails to function properly when used as directed under normal conditions within the one-year period, Angelcare will either repair or replace the product, at our discretion, free of charge. Please contact the Angelcare Helpline on 0845 009 1789 or email to helpline@angelcare-uk.co.uk.

The product must be accompanied by a proof of purchase, either a bill of sale or other proof that the monitoring system is within the warranty period. Angelcare will bear the cost of repairing or replacing the product and shipping it back to you.

**This warranty does not apply to a product which has been damaged as a result of improper maintenance, an accident, improper voltage supply or any other form of misuse. The warranty is also void if the owner repairs or modifies the product in any way. Angelcare is not liable for any incidental or consequential damages with regard to this product. The warranty also excludes any liability other than what is stated above. No other warranty is given.**

**LEGAL RIGHTS VARY FROM COUNTRY TO COUNTRY. SOME COUNTRIES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.**

**WE ARE NOT IN ANY WAY RESPONSIBLE FOR ANY OUTCOME RESULTING FROM THE USE OF THIS PRODUCT.**

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.

Warning: Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void your 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 interference in a residential installation. This equipment generates 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 interference to radio or television reception, which can be determined by turning the equipment off and on, please try to correct the interference through one or more of the following actions:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is needed - consult the dealer or an experienced radio/TV technician for advice and assistance.

**CAUTION:**

To help to avoid the risk of electric shock, do not expose this appliance to rain or moisture. There is danger of explosion if the batteries are incorrectly replaced. The included batteries are 4 x AAA NiMH rechargeable batteries manufactured by Sanik Battery Co. Ltd. SN-AAA60HJ 1.2V 600mAh and by GPI International Limited, GN60AAAHC, 1.2V 600mAh. **The batteries can only be replaced by 4 x AAA NiMH rechargeable batteries.**

**ONLY USE ORIGINAL ANGELCARE AC ADAPTERS, MODEL NO. T07505B001.**

**TRANSMISSION:**

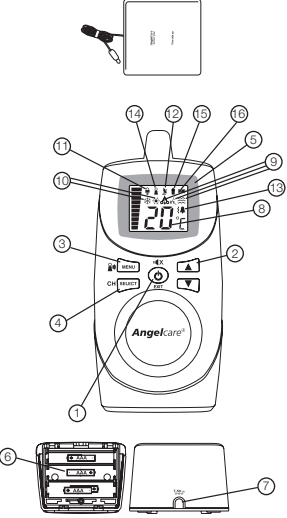
927 MHz (USA and Canada)  
864 MHz (Europe, Asia, Africa, Oceania)  
Data transmission between the Parent Unit and Nursery Unit is made on the 2.4 GHz frequency.

**Protect the environment!**

This electronic equipment contains reusable material and must not be disposed of with domestic waste. Please take it to a collecting point for electric and electronic equipment (ask your local authorities for details).





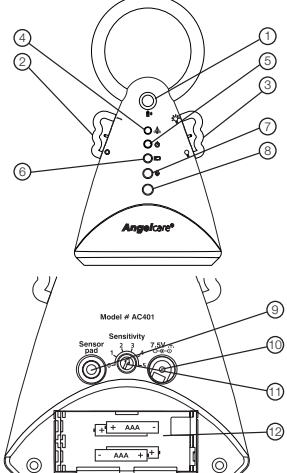


**FUNCTIONS PARENT UNIT**

1. Power ON/OFF; also EXIT function (in Menu, Step 6); also MUTE function (Step 7)
2. ARROWS UP/DOWN (volume level); also HOLD function (Step 7)
3. MENU button (to access menu, Step 6); also CONNECTING function (Step 4)
4. SELECT button (to confirm menu choices - Step 6); also CHANNEL button (to change transmission channel - Step 4)
5. Parent Unit display (shows all activated functions/settings)
6. Battery compartment
7. AC Adapter socket

**FUNCTIONS PARENT UNIT SCREEN**

8. Temperature Indicator (in baby's room)
9. Movement & Sound Monitoring Setting (Step 6, Menu 1)
10. Temperature Control Setting (Step 6, Menu 5)
11. Sound Transmission Setting (Step 6, Menu 3)
12. Out of Range Setting (Step 6, Menu 2)
13. Alarm Setting (Step 6, Menu 4)
14. Nursery Unit Icon (will flash if Parent and Nursery Units are not connected)
15. Parent Unit Icon (will be visible in MENU access only)
16. Battery Icon (will only be visible when batteries are inserted)



**FUNCTIONS NURSERY UNIT**

1. CONNECTING function (Step 4) and Parent Unit PAGING function (Step 7)
2. Power ON/OFF
3. Night light ON/OFF
4. PENDULUM light (flashes when movement is being detected)
5. POWER ON light
6. LOW BATTERY indicator
7. Microphone
8. Speaker
9. SensorPad socket
10. AC adapter socket
11. SensorPad sensitivity dial
12. Battery compartment

**5 Steps to Set-Up Your Angelcare Monitor**

1. SensorPad: place the SensorPad under the mattress in the middle of the baby's bed on a flat and rigid surface. Connect the SensorPad to the Nursery Unit. Keep the wire out of reach of the baby.
2. Nursery Unit: Insert 4 x AAA standard batteries (not included) in the Nursery Unit and connect the AC adapter to the Nursery Unit and the mains. Check if SensorPad sensitivity is on level 3.
3. Parent Unit: Insert 4 x AAA rechargeable batteries (included) in the Parent Unit and connect AC adapter to the Parent Unit charger and mains. Place Parent Unit in charger and charge for 15 hours.
4. Turn Parent Unit and Nursery Unit both ON. Connection between the units should establish automatically. If not, please go to Step 4 in this Manual.
5. Test the SensorPad by putting your hand on the mattress. The SensorPad should detect your movements. Take your hand off the mattress after approx. 60 seconds. The alarm should sound after 20 seconds. Turn the Nursery Unit OFF to stop the alarm. Repeat this process for all four corners of the bed. Your Angelcare Monitor is now ready for use.