






Angelcare®

Video, Movement & Sound Monitor AC1100



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

				
1 x Parent Unit with Charging Cradle	1 x Nursery Unit	1 x SensorPad	3 x AAA rechargeable batteries (for Parent Unit)	2 x AC Adaptors 7.5v
You will also need: <ul style="list-style-type: none">• 3 x AAA standard batteries for Nursery Unit power back-up (see Step 2a)• Piece of plywood to support SensorPad (see Step 1)				

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; Email: helpline@angelcare-uk.co.uk

Getting Started

Thank you for choosing an Angelcare Video, Movement and Sound Monitor AC1100.

We want you to be happy with this baby 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.

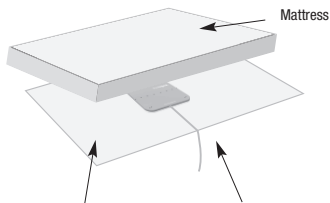
For ease of use the Instruction Manual has been divided into 15 easy to follow Steps.

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 on 0845 009 1789 or helpline@angelcare-uk.co.uk**.

Installation Guide

CONTENTS	PAGES No.	CONTENTS	PAGES No.
1. Installation of the SensorPad	2	10. Alarm Type Settings	9
2. Nursery Unit:		11. Hold Function	9
a. Installation of the Nursery Unit	3	12. Temperature Control	10
b. Overview Functions Nursery Unit	3	13. Timer Function	10
3. Parent Unit:		14. Battery Level Indicator	11
a. Installation of the Parent Unit	3	15. Signal Strength & Out of Range Indicator	11
b. Overview Functions Parent Unit	4		
c. Main Screens	4	• Monitoring more than one baby (e.g. twins)	12
4. Testing your Angelcare Baby Monitor	5	• Maintenance of your Angelcare Baby Monitor	12
5. How to Change & Save your Monitor Settings	5	• Factory Settings	12
6. Sound Function	6	• Technical Specifications	12
7. Sound Transmission	6	• Warnings	13
8. Movement Function:		• Limited Warranty	14
a. Movement Settings	7	• Protect the Environment	14
b. SensorPad Sensitivity	7	• Troubleshooting	14
c. Tic Function	8		
9. Video Function:			
a. Power Saving Function	8		
b. Zoom & Rotate Function	8		
c. Night Vision	9		

Step 1: Installation of the SensorPad



Positioning of SensorPad under the mattress



Positioning and Installation of SensorPad and Nursery Unit

- The SensorPad works with all baby bed sizes and all mattresses, except memory foam and hollow frame 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 if the baby bed has a slatted base. 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 of the SensorPad has been set at level 3

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 4: Testing your Angelcare Baby Monitor.

MULTIPLE BABIES

NEVER use the Angelcare Video, 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 Movement & Sound Monitors and the babies need to be in SEPARATE beds.

MOSES BASKETS

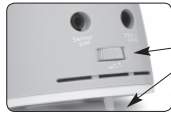
The SensorPad can be used with Moses baskets, but the plywood is not required in this specific situation. **ALWAYS** place the SensorPad directly under the Moses basket mattress and ensure the lead is fed through a hole in the base so it is out of reach from baby.

ADULT MATTRESSES

The SensorPad **CANNOT** be used with mattresses for adults or memory foam and hollow frame mattresses.

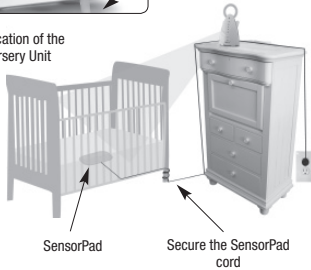
DO NOT attach any moving or vibrating items (e.g. mobiles) to the cot, as this will affect the SensorPad readings.

Step 2a: Nursery Unit - Installation



- Position the Nursery Unit facing the cot bed
- Dial to adjust vertical camera angle

Location of the Nursery Unit

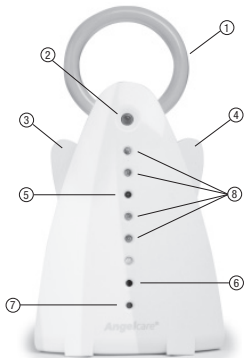


SensorPad

Secure the SensorPad cord

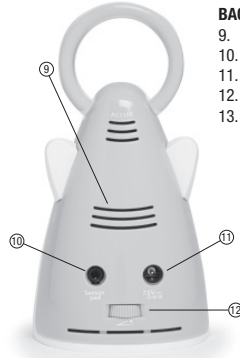
1. Remove the battery cover (by removing the 2 screws) on the bottom of the Nursery Unit and insert 3 x AAA regular batteries (not included) into the battery compartment (for battery backup in case of power failure).
ALWAYS MAKE SURE TO CHECK IF THE BATTERIES ARE INSERTED CORRECTLY!
2. Connect the AC adaptor to the Nursery Unit and plug the adaptor into the mains in the baby's room
3. Place the Nursery Unit at least 50cm from the baby's bed on a higher level to ensure the video camera can capture the baby's bed. If necessary, a tripod (not included) can be connected to the bottom of the Nursery Unit.
4. If necessary, adjust the vertical angle of the camera by turning the dial on the back of the Nursery Unit
5. Connect the plug of the SensorPad into the dedicated socket on the back of the Nursery Unit
6. If two Angelcare Baby Monitors are used in the same room, please ensure there is at least 1 metre between both Nursery Units
7. Push back and hold the LEFT WING of the Nursery Unit for 2 seconds to turn ON the Nursery Unit

Step 2b: Nursery Unit - Overview Functions



FRONT

1. Nightlight
2. PUSH button for HOLD Function
3. Power ON/OFF
4. Nightlight ON/OFF
5. Video Camera
6. Power Indicator:
Green – Power
Red – Low Battery Indicator
7. Microphone
8. Infrared LED's for Night Vision



BACK

9. Loudspeaker
10. SensorPad socket
11. AC adaptor socket
12. Dial to adjust vertical camera angle
13. Battery compartment



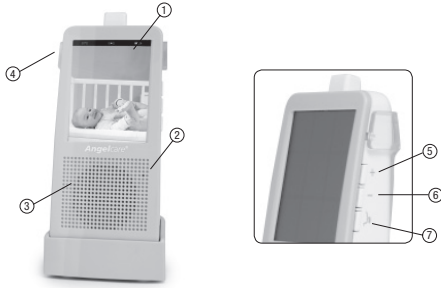
Step 3a: Parent Unit – Installation



Location of battery compartment and AC adaptor socket

1. The Parent Unit is portable and fully rechargeable
2. Remove the belt clip to remove the battery cover (by removing the single screw) on the back of the Parent Unit and insert 3 x AAA NIMH rechargeable batteries (included) into the battery compartment. **NEVER USE REGULAR ALKALINE BATTERIES** as these batteries are not suitable and might explode.
ALWAYS MAKE SURE TO CHECK IF THE BATTERIES ARE INSERTED CORRECTLY!
3. Connect the AC adaptor to the charger and plug the adapter into the mains
PLACE THE PARENT UNIT IN THE CHARGER AND CHARGE THE BATTERIES FOR 16 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 200 metres outdoors

Step 3b: Parent Unit - Overview Functions



FRONT

1. LCD Full Colour Touch screen
2. Microphone
3. Loudspeaker

LEFT SIDE

4. Power ON/OFF

RIGHT SIDE

5. Loudspeaker Volume UP(+)
6. Loudspeaker Volume DOWN(-)/MUTE Function
7. Talk Back Function

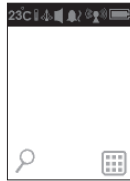
TALK BACK FUNCTION

Press and hold the Talk Back button to talk directly to your baby. Please talk clearly in the microphone on the Parent Unit, whilst holding the Talk Back button. Release the Talk Back button to stop the communication.

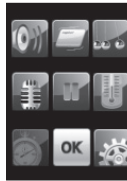
Step 3c: Parent Unit - Main Screen



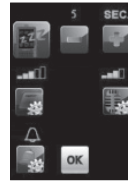
A. Press and hold the POWER button on the Parent Unit until a blue screen with the Angelcare logo appears



B. The Parent Unit screen will show the video capture from the Nursery Unit in the baby's room, if the Nursery Unit is turned ON
Press the MENU icon on the bottom right of the touch screen to access the (sub) MENU screen



C. Press any of the FUNCTION icons to change the settings. Press the SETTINGS icon on the bottom right of the MENU screen to access the SETTINGS screen or press OK to save changes

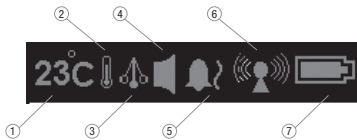


D. Press any of the specific FUNCTIONS icons to change the SETTINGS or press OK to save changes



E. If the Nursery Unit is OFF when the Parent Unit is turned ON, a blank screen will appear and the Parent Unit will turn OFF automatically after 1.5 minutes

Parent Unit - Setting Bar



1. Temperature Indicator (see Step 12)
2. Temperature Control ON/OFF (see Step 12)
3. Pendulum - Movement Indicator (see Step 8)
4. Sound Setting (see Step 6)
5. Alarm Setting (see Step 10)
6. Transmission Signal Strength (see Step 15)
7. Battery Level (see Step 14)

Step 4: Testing your Angelcare Baby Monitor

TO TEST THE SOUND FUNCTION

Switch both the Parent and Nursery unit 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 right hand side of Parent Unit.

TO TEST THE MOVEMENT FUNCTION

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 pendulum in the Parent Unit Settings Bar will 'swing' from left to right
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 pendulum on the Parent Unit Settings Bar stops swinging. After 15 seconds a loud 'pre-alarm' beep will sound, and 5 seconds later the alarm will go off (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
8. DO NOT touch baby's bed whilst testing the monitor. Place baby's bed near a solid supporting wall and away from strong drafts

TO ADJUST THE SENSITIVITY OF THE SENSORPAD

1. The factory setting is level 3, which is suitable for most baby and children's 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). See Step 8 on how to adjust the SensorPad sensitivity

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 Baby Monitor in a different place or when the bed or mattress has changed
6. **NEVER USE THE SENSORPAD WITH AN ADULT MATTRESS, A MEMORY FOAM OR HOLLOW FRAME MATTRESS!**

TO TEST STOPPING THE MOVEMENT ALARM

To stop the alarm:

1. Place your hand 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)
3. Press the Alarm Icon on the Parent Unit screen or press and hold the top button on the Nursery Unit

TO TEST THE BATTERY MODE

Always check if the battery mode is functioning correctly by operating both units without the AC adaptors. If the Battery LED is red on the Nursery Unit, the batteries need to be replaced. If the display on the Parent Unit does not appear, the Parent Unit needs to be recharged in the Charging Cradle.

IMPORTANT!

The Movement Function is activated as a factory setting. This means that the Movement Alarm will most likely sound if both the Parent Unit and Nursery Unit are turned ON for the first time. This is probably because the SensorPad has not been connected yet or no movement has been detected, e.g. there is no baby in the (cot) bed yet. This is normal and shows your Angelcare Baby Monitor works correctly. Please see Steps 1 to 4 for correct installation and testing of your Angelcare Baby Monitor to ensure optimal performance.

Step 5: How to Change & Save your Baby Monitor Settings



MENU ICON:
Access to MENU screen



SETTINGS ICON:
Access to SETTINGS screen



OK ICON:
Save new/changed monitor settings








IMPORTANT

1. Both the Parent Unit and Nursery Unit have to be turned ON to change monitor settings in the MENU or SETTINGS screen on the Parent Unit
2. Press the MENU Icon on the Parent Unit screen (see screen B in Step 3c)
3. Press the SETTINGS Icon in the MENU screen to access further settings (see screen C in Step 3c)
4. Change the monitor settings to reflect personal preferences (see Step 6 to 15)
5. Save the new/changed settings in the MENU or SETTINGS screen on the Parent Unit by pressing the OK Icon. After pressing the OK Icon, the screen will return to the video capture screen
6. The Parent Unit screen will return to the video capture screen if no changes have been recorded in the MENU or SETTINGS screen for 1 minute. Any changes to settings will not be saved
7. The sound transmission will be temporarily deactivated when monitor settings are being viewed or changed in the MENU or SETTINGS screen on the Parent Unit. The movement detection remains activated as normal




IMPORTANT!

- If the Icon is illuminated, the relevant Function is activated/ON
- If the Icon is dimmed, the relevant Function is deactivated/OFF




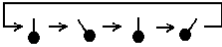
Step 6: Sound Function

<p>SOUND FUNCTION ICON:</p>  <p>Sound ON</p>  <p>Sound OFF</p>  <p>Adjust Sound Volume Level</p>  <p>Sound Volume Level Indicator</p> <p>PARENT UNIT SETTINGS BAR:</p>   <p>Sound ON</p>  <p>Sound OFF or MUTE (blinking)</p>	<p>Function:</p>	<p>Activates the sound transmission between the Parent Unit and the Nursery Unit.</p>
	<p>Factory Settings:</p>	<p>ON</p>
	<p>Options:</p>	<p>ON, OFF or MUTE</p>
	<p>How to change this setting:</p>	<p>Sound Function</p> <ol style="list-style-type: none"> 1. Press the MENU Icon on the Parent Unit touch screen 2. Press the Sound Function Icon ON or OFF 3. Increase Sound Volume Level by pressing the UP(+)/DOWN(-) buttons on the right side of the Parent Unit 4. The Sound Volume Level Indicator will appear in the Parent Unit screen 5. Press OK to save changes and return to the video capture screen 6. The Speaker Icon in the Parent Unit Settings Bar will show the activated setting <p>Mute Function</p> <ol style="list-style-type: none"> 1. Press and hold the DOWN(-) button for at least 2 seconds to MUTE (deactivate) the Sound transmission 2. Press and hold DOWN(-) button for at least 2 seconds again to reactivate the Sound transmission


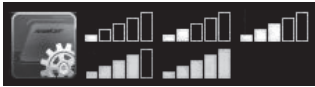



Step 7: Sound Transmission

<p>SOUND TRANSMISSION ICON:</p>  <p>ON - Sound activated transmission</p>  <p>OFF - Continuous sound transmission</p> <p>MICROPHONE SENSITIVITY ICON:</p>  <p>Adjust Microphone Sensitivity Level</p>	<p>Function:</p>	<p>The sound transmission can be set either to CONTINUOUS SOUND (OFF) or SOUND ACTIVATED (ON).</p> <p>Continuous Sound: the sound transmission between Nursery Unit and Parent Unit is always active and open, so all sounds in the baby's rooms are transmitted.</p> <p>Sound Activated: the sound transmission between the Nursery Unit and Parent Unit is only activated if the Nursery Unit registers a certain volume level of sound, e.g. crying. The sound transmission will turn itself off again if no continuous sound is registered. The sensitivity of the microphone is adjustable.</p>
	<p>Factory Settings:</p>	<p>OFF – Continuous sound transmission</p>
	<p>Options:</p>	<p>ON – Sound activated transmission OFF – Continuous sound transmission</p>
	<p>How to change this setting:</p>	<p>Sound Transmission</p> <ol style="list-style-type: none"> 1. Press the MENU Icon on the Parent Unit touch screen 2. Press the Sound Transmission Icon ON or OFF 3. Press OK to save changes and return to the video capture screen <p>Microphone Sensitivity Adjustment</p> <ol style="list-style-type: none"> 1. Press the MENU Icon on the Parent Unit touch screen 2. Press the SETTINGS Icon in the MENU screen 3. Press the Microphone Sensitivity Icon until the preferred level (1 to 4 bars) is selected 4. Press OK twice to save changes and return to the video capture screen

Step 8a: Movement Function - Settings



<p>MOVEMENT FUNCTION ICON:</p>  <p>Movement ON</p>  <p>Movement OFF</p> <p>PARENT UNIT SETTINGS BAR:</p>   <p>Movement icon will swing when movement is being detected</p>	<p>Function: Movement Function: Activates the SensorPad. It will detect your baby's movements and sound an alarm when there is no movement detected after 20 seconds. Please ensure the SensorPad has been installed and tested according to the instructions in Step 4.</p> <p>Factory Settings: ON</p> <p>Options: ON or OFF</p> <p>How to change this setting:</p> <p>Movement Function</p> <ol style="list-style-type: none"> 1. Press the MENU Icon on the Parent Unit touch screen 2. Press the Movement Function Icon ON or OFF 3. Press OK to save changes and return to the video capture screen 4. The Movement Icon (pendulum) in the Parent Unit Settings Bar will show the activated setting 5. When the Movement Function is activated and movement is being detected, the Movement Icon (pendulum) will swing from left to right
--	---

Step 8b: Movement Function - Sensorpad Sensitivity



<p>SETTINGS ICON:</p>  <p>Access to SETTINGS screen</p> <p>SENSORPAD SENSITIVITY ICON:</p>  <p>SensorPad Sensitivity Level</p> <p>MOVEMENT ALARM ICON:</p>   <p>Press Movement Alarm Icon on Parent Unit or top button on Nursery Unit to stop alarm</p> <p>HOLD FUNCTION ICON:</p> 	<p>Function: SensorPad Sensitivity: To adjust the sensitivity of the SensorPad to ensure optimal performance of the Movement Function.</p> <p>Factory Settings: ON</p> <p>Options: 1 (low sensitivity) to 5 (high sensitivity)</p> <p>How to change this setting:</p> <p>SensorPad Sensitivity Adjustment</p> <ol style="list-style-type: none"> 1. Press the MENU Icon on the Parent Unit touch screen 2. Press the SETTINGS Icon in the MENU screen 3. Press the SensorPad Sensitivity Icon until the preferred level (1 to 5 bars) is selected 4. Press OK twice to save changes and return to the video capture screen <p>IMPORTANT</p> <p>The factory setting (level 3) is suitable for most bed sizes and types of mattress. DO NOT ADJUST UNLESS NECESSARY!</p> <p>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).</p> <p>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.</p> <p>It is important to find the right balance for your situation to ensure optimal performance of the SensorPad.</p> <p>ALWAYS test the performance after moving and reinstalling the Angelcare Monitor in a different place or when the bed or mattress has changed. NEVER USE THE SENSORPAD WITH A MEMORY FOAM OR HOLLOW FRAME MATTRESS!</p> <p>See Steps 1 to 4 for correct installation and testing of your Angelcare Baby Monitor.</p> <p>MOVEMENT ALARM</p> <ul style="list-style-type: none"> • This alarm is triggered when no movement is detected by the SensorPad for 20 seconds • The Parent Unit and Nursery Unit will sound a loud audible alarm • The Parent Unit screen will show the Alarm Icon • IF THIS ALARM SOUNDS, CHECK YOUR BABY IMMEDIATELY! • To stop the Movement Alarm: press the Movement Alarm Icon on the Parent Unit screen or press and hold the top button of the Nursery Unit. This activates the HOLD Function, which deactivates both the Sound & Movement Function temporarily (see Step 11 for further details) • Press the HOLD Icon on the Parent Unit screen to reactivate the Sound & Movement Function
--	--



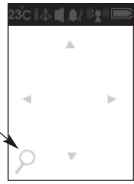
Step 8c: Movement Function - Tic Function

 <p>Tic ON</p>  <p>Tic OFF</p>	Function:	The 'Tic' function provides a regular 'ticking' sound that indicates that the SensorPad is detecting movements. The 'Tic' function can only be selected if the Movement Function is activated.
	Factory Settings:	OFF
	Options:	ON or OFF
	How to change this setting:	Tic Function 1. Press the MENU Icon on the Parent Unit touch screen 2. Press the Tic Function Icon ON or OFF 3. Press OK to save changes and return to the video capture screen

Step 9a: Video: Power Saving Function


<p>TURN VIDEO ON/OFF:</p>  <p>Press ON button briefly to turn OFF video screen</p> <p>POWER SAVING ICON:</p>  <p>Press '+' and '-' until the preferred Power Saving setting is selected</p>	Function:	<p>To minimise energy consumption the video screen can be turned OFF (and back ON) by briefly pushing the ON/OFF button on the left hand side of the Parent Unit.</p> <p>It is also possible to activate the POWER SAVING mode, which turns OFF the video screen automatically after 5, 10, 15 or 20 seconds (programmable).</p>
	Factory Settings:	OFF
	Options:	ON or OFF
	How to change this setting:	Power Saving Function 1. Press the MENU button on the Parent Unit touch screen 2. Press the SETTINGS button in the MENU screen 3. Press '+' and '-' Icons next to the Power Saving Icon until the preferred Power Saving setting is selected (OFF, 5, 10, 15 or 20 seconds) 4. Press OK twice to save changes and return to the video capture screen IMPORTANT Always leave the Parent Unit in the Charging Cradle (mains power) if the video screen is turned ON continuously, to ensure the Parent Unit with video capture screen stays ON at all times. If the Parent Unit is running on batteries only, it is possible that the Parent Unit will turn itself OFF due to shortage of power after a relatively short time.

Step 9b: Video: Zoom & Rotate Function






 <p>Zoom icon</p>	Function:	It is possible to Zoom and Rotate the video camera view on the Nursery Unit, using the ZOOM and ROTATE Function on the Parent Unit.
	How to change this setting:	1. Press the ZOOM Icon on the Parent Unit touch screen 2. The video camera will now enter the ZOOM mode and display the video capture 100% enlarged 3. Use the ARROWS UP/DOWN/LEFT/RIGHT to rotate the video camera to the required position 4. The video capture remains in this position until the ZOOM Icon is pressed again, after which the video capture returns to normal





Step 9c: Video: Night Vision

	Function:	During darkness, the video camera automatically switches to Infrared Night Vision.
	How to change this setting:	During darkness, the video camera on the Nursery Unit will automatically switch to Night Vision, using Infrared technology for video transmission. When activated 4 red LED lights will be visible from the Nursery Unit.

Step 10: Alarm Type Options

<p>ALARM SETTINGS ICON:</p>  <p>ALARM SETTINGS OPTIONS:</p> <p> Sound Alarm</p> <p> Sound & Vibrating Alarm</p> <p> Vibrating Alarm</p> <p>PARENT UNIT SETTINGS BAR</p> 	Function:	There are 3 different Alarm Type combinations: <ul style="list-style-type: none"> • Sound Alarm: An audible alarm will sound if an alarm is activated • Vibrating Alarm: The Parent Unit will vibrate only if an alarm is activated, no sound will be heard • Sound & Vibrating Alarm: Combination of a sound and vibrating alarm
	Factory Settings:	Sound & Vibration Alarm
	Options:	1. Sound Alarm 2. Vibrating Alarm 3. Sound & Vibrating Alarm
	How to change this setting:	<p>Alarm Settings</p> <ol style="list-style-type: none"> 1. Press the MENU Icon on the Parent Unit touch screen 2. Press the SETTINGS Icon in the MENU screen 3. Press the Alarm Settings Icon until the preferred alarm setting is selected 4. Press OK twice to save changes and return to the video capture screen 5. The Alarm Setting Icon (see Icons on the left) in the Parent Unit Settings Bar will show the activated setting

Step 11: Hold Function

<p>HOLD FUNCTION ICON:</p>  <p>Hold ON or OFF on Nursery Unit</p>  <p>Hold ON or OFF on Nursery Unit</p>	Function:	The HOLD Function allows you to put the Baby Monitor on HOLD when you need to pick up the baby out of his/her bed for a short period of time. When the Baby Monitor is on HOLD, the Movement Alarm will not go off and no sound is being transmitted. The Parent Unit will sound a TRIPLE BEEP every 30 seconds to confirm the Baby Monitor is still on HOLD.
	Factory Settings:	OFF
	Options:	ON or OFF
	How to change this setting:	<p>Hold Function</p> <ol style="list-style-type: none"> 1. Press the MENU Icon on the Parent Unit touch screen 2. Press the HOLD Icon to activate the Hold Function 3. Press the HOLD Icon in the middle of the Parent Unit screen to deactivate the HOLD Function and to return to the video capture screen <p>The HOLD Function can also be activated and deactivated by pressing the top button on the Nursery Unit.</p>

Step 12: Temperature Control

TEMPERATURE CONTROL ICON:



Access to Temperature Control Menu



Temperature Control Menu

PARENT UNIT SETTINGS BAR:



Temperature Alarm

Function:

Your Angelcare Baby 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.

The temperature sensor in the Nursery Unit is very sensitive and readings can 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.

Factory Settings:

OFF

Options:

ON or OFF and variable temperature levels

How to change this setting:

Temperature Control

1. Press the MENU Icon on the Parent Unit touch screen
2. Press the Temperature Control Icon to access menu
3. Press the '+' and '-' Icons next to the blue thermometer to set the HIGH temperature alarm level (high temperature alarm range: 22°C to 40°C/72°F to 104°F)
4. Press the '+' and '-' Icons next to the red thermometer to set the LOW temperature alarm level (high temperature alarm range: 5°C to 19°C/41°F to 66°F)
5. Press °C/°F Icon to switch the temperature indication to Fahrenheit or Celsius
6. Press the Alarm Icon to turn Temperature Control ON or OFF
7. Press OK twice to save changes and return to the video capture screen
8. The Temperature Icon (thermometer) in the Parent Unit Settings Bar will show the activated setting

Temperature Alarm

The Temperature Alarm is triggered when the temperature detected by the Nursery Unit reaches the set high or low temperature limits. The Parent Unit will sound 4 consecutive beeps every 5 seconds and the Temperature Alarm Icon will be displayed in Parent Unit screen.

Step 13: Timer Function

TIMER ICON:



Timer ON



Timer OFF



Timer in Parent Unit Screen

Function:

The timer is a useful tool to time certain events during day or night, e.g. the time between two feeds or timing naps.

Factory Settings:

OFF

Options:

ON or OFF

How to change this setting:

Timer Function

1. Press the MENU Icon on the Parent Unit touch screen
2. Press the TIMER Icon ON or OFF
3. The monitor will automatically return to the video capture screen and the TIMER is shown at the bottom of the screen, starting from 0 hours, 0 seconds
4. The TIMER is limited to 5 hours; 59 minutes and will stop and disappear automatically after this limit has been reached
5. The TIMER will be reset and turned OFF if the Parent Unit is turned OFF

Step 14: Battery Level Indicator

PARENT UNIT SETTINGS BAR:



Charging the batteries

Function:

The Battery Indicator shows the remaining battery level of the rechargeable batteries of the Parent Unit.

How to use this function:

1. Install and charge the rechargeable batteries in the Parent Unit as instructed in Step 3a
2. If possible, keep the Parent Unit in the Charging Cradle at all times
3. If using battery power, always ensure the minimum battery level is 25% full to maintain optimal performance of the monitor
4. If the battery level goes below 25%, recharge immediately
5. The Battery Level Icon in the Parent Unit Settings Bar will show the actual battery level and will move from left to right whilst charging
6. Fully charged batteries will last up to 6 hours based upon normal usage, but considerably less if the video screen is turned ON constantly

Step 15: Signal Strength & Out of Range Indicator

PARENT UNIT SETTINGS BAR:



SIGNAL STRENGTH OPTIONS:



OUT OF RANGE ICON:



Function:

The Signal Strength Indicator shows the strength of signal between the Parent Unit and Nursery Unit. The Out of Range Indicator will alarm when the two units have lost connection and the Out of Range Icon will be visible in the Parent Unit screen.

How to use this function:

1. The Signal Strength Icon in the Parent Unit Settings Bar will show the actual signal strength between the Parent Unit and Nursery Unit
2. The maximum range between the two units is up to 100 metres indoors and up to 200 metres outdoors
3. An Out of Range alarm will sound when the connection between the two units is lost
4. Out of Range situations can be caused by (e.g.) too much distance or thick walls between the two units
5. When the units are Out of Range you will hear a Triple Beep and/or the Parent Unit will vibrate every 5 seconds and the Out of Range Icon will be displayed on the Parent Unit screen
6. When the Out of Range alarm sounds move the units closer together until communication has been (re)established.

HOW TO RECONNECT THE PARENT AND NURSERY UNIT

In the unlikely event that the connection between the Nursery Unit and the Parents Unit is completely lost, please follow these steps to restore the connection:

1. Turn both the Parents Unit and the Nursery Unit OFF
2. Turn the Nursery Unit ON
3. Press and release the left wing 4 times. The nightlight will flash.
4. Turn the Parent Unit ON. A blue screen will appear with the NO SIGNAL icon in the Parent Unit Settings Bar
5. While pressing the TALK BACK button on the right hand side of the Parent Unit, press and release the POWER button on the left hand side of the Parent Unit
6. If successful, the video capture will appear on the Parent Unit's screen again. The connection was successfully restored



Monitoring more than one baby

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

If you are using two Angelcare monitors it is essential that:

- Each monitor is set to a different channel
- The distance between the two Nursery Units is at least 1 metre
- The distance between the Parent Units is at least 1 metre

Please see website for more information.

Maintenance of your Angelcare Baby 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 adaptors supplied with the Angelcare Baby Monitor.

WIRES PROTECTION: Avoid damage to the wires of the SensorPad and AC adaptors. Route wires 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.

OBJECTS AND LIQUIDS: Always ensure that no objects or liquids are pushed or spilled into any openings of the Parent Unit, Nursery Unit and/or SensorPad.

NON-USE PERIODS: When not using the baby monitor for any long period, remove the batteries from both units and disconnect the AC adaptors from the mains power.

Factory settings

- Sound Function
- Movement Function
- Tic Function
- Sound Transmission
- Sound Transmission - Microphone Sensitivity (if applicable)
- Alarm Type Setting
- Parent Unit Speaker Volume
- SensorPad Sensitivity
- Video Screen - Power Saving Function
- Temperature Scale
- Temperature Alarm
- High Temperature Alarm
- Low Temperature Alarm
- Timer

ON
ON
OFF
Continuous Sound
Level 2 of 4
Sound Alarm
Level 3 of 6
Level 3 of 5
OFF
°Celsius
OFF
30 °Celsius
19 °Celsius
OFF

Technical specifications

Video Camera: Full colour CMOS Video Sensor (240 x 320 pixels, 15 fps) with Infrared Night Vision

Screen: 2.75" LCD full colour digital touch screen

Range: up to 200 metres (655 feet)

Number of Channels: 64 channels

Power Supply: 3 x AAA (LR03) alkaline batteries (not included) or 7.5V AC adaptor for Nursery Unit. 3 x AAA (LR03) rechargeable batteries (included) and 7.5V AC adaptor for Charging Base for the Parent Unit.

CAUTION: To reduce the risk of electric shock, do not expose this product to rain or moisture. Danger of explosion if batteries are incorrectly replaced. The included batteries are 3 x AAA NIMH rechargeable batteries manufactured by GPI International Limited, GN60AAHC, 1.2V 600mAh.

THE SUPPLIED BATTERIES CAN ONLY BE REPLACED BY 3 X AAA NIMH RECHARGEABLE BATTERIES.

Batteries:

- Do not mix old and new batteries
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (NI-CAD, NI-MH, etc) batteries

Transmission:

Data transmission between the Parent Unit and Nursery Unit is on the 2.4GHz frequency.



Warnings

FAILURE TO FOLLOW THESE WARNINGS AND THE ASSEMBLY INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH.

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.

ALWAYS CHECK YOUR BABY IMMEDIATELY WHEN THE ALARM SOUNDS.

WARNING: THIS PRODUCT IS NOT A TOY.

Please read Step 1 (Installation of SensorPad), Step 4 (Testing your Baby Monitor) and the Troubleshooting section to ensure your Angelcare Baby Monitor is installed correctly.

DO NOT put the Parent Unit near wireless devices or a microwave oven. Such devices can disrupt the transmission of the alarm signal.

The Angelcare Baby 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.

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 Baby Monitor. When the 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.

Please do not touch the baby's bed when the monitor is in use.

Your Angelcare Baby Monitor can be used in any crib that is stationary and designed to safely hold a baby. If your crib has a spring or slatted base you will need to place a piece of plywood under the SensorPad. Please see Step 1 for correct installation of the SensorPad. Only use your Angelcare Baby Monitor in a stationary sleeping environment such as a cot (bed) or Moses basket where the SensorPad can rest on a completely flat, firm surface.

You may experience false alarms for several reasons. The most common reason is the Nursery Unit has not been turned off after you have removed your baby from the crib. Another reason is if the SensorPad has not been placed under the mattress properly. Be sure the SensorPad is placed on a flat, firm surface with the printed side facing up. The sensitivity level may also need to be adjusted. Please see Step 1 for the correct installation of the SensorPad.

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.

Allow for proper ventilation when units are in use. Do not cover the Nursery Unit or Parent Units with any object such as a blanket. Do not place it in a drawer or in any location which would muffle the sound or interfere with the normal flow of air.

Plug the AC adaptor into a convenient accessible mains 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 AC adaptor cord when it is plugged into the mains.

The Angelcare Baby 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.

Do not use the Nursery Unit if:

- The AC adaptor wire or plugs have been damaged
- The unit has been exposed to liquids
- The unit has been dropped or is damaged

DO NOT DISASSEMBLE the Nursery Unit, Parent Unit, Parent Unit base, SensorPad or AC Adaptors. There are no user-serviceable parts inside. Risk of electrical shock, fire or death.

The antenna used for this transmitter must be installed least 20cm (7.9") away from all human beings and must not be collocated or operating in conjunction with any other antenna or transmitter.

IMPORTANT: You must use only rechargeable batteries in the Parent Unit. DO NOT use alkaline batteries or you will severely damage the unit. Charge the batteries for 16 hours prior to first use. Be sure to have the monitor in the OFF position during this period. Only use the AC adaptors included with your monitor.

DO NOT use these adapters with any other equipment. When unplugging the AC adaptor from the Nursery Unit, be sure it is switched to the OFF position. If this is not the case, the unit will revert to battery mode if batteries are installed.

You can use rechargeable batteries in the Nursery Unit, however, they will not be recharged by plugging in the AC adaptor.

To recharge, remove the batteries and use an external charger.

ONLY use AAA (LR03) rechargeable batteries and/or the AC adaptor provided for the Parent Unit.

FCC WARNINGS

Modifications not authorised by the manufacturer may void users' authority to operate this device.

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 harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

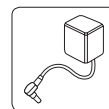
This device complies with part 15 of the FCC Rules.

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

ErP COMPLIANCE - UK

ONLY USE ORIGINAL ANGELCARE AC ADAPTORS, MODEL NO. T07505B001.



Limited Warranty

IMPORTANT! THE ANGELCARE BABY 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 Video, Movement and Sound Monitor (model AC1100) 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.

NOTE: The included rechargeable batteries are **NOT** covered by the warranty.

Protect the environment

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



Troubleshooting

DESCRIPTION	POSSIBLE CAUSES	SOLUTIONS
The SensorPad is giving false alarms	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 plug of the SensorPad to the Nursery Unit.
	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 1.
	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 level 3. This level works for most baby (cot) 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 4.
	The mattress is not suitable for use with the SensorPad.	NEVER use the SensorPad with adult mattresses, memory foam or hollow frame mattresses.
The SensorPad alarm does not go off	The Nursery Unit is detecting external movement or vibrations when baby's (cot) bed is being touched.	Avoid contact with the (cot) bed or Moses basket when the monitor is ON.
No sound is being transmitted	The sound transmission is set to 'Voice Activated' and the sound in the baby's room is not loud enough to activate the transmission.	Increase the microphone sensitivity if you would like to keep Voice Activated Sound transmission or activate Continuous Sound transmission. Please see Step 7 for further instructions.
	One of the units is turned OFF, due to low or incorrect installed batteries.	Check/replace the batteries in both units and/or recharge the Parent Unit (see Step 2a and 3a).
	One of the units is OFF, due to the AC adaptors not being connected properly or the mains switch is turned off.	Check if all AC adaptors are working correctly and if the mains switch is turned ON.
	One of the units is turned OFF.	Ensure both units are ON.
	The Volume Level on the Parent Unit is OFF.	Increase the Volume Level on the Parent Unit using the UP/DOWN buttons on the right hand side of the Parent Unit (see Step 3b).

Troubleshooting (continued)

The sound transmission is intermittent	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.	Increase the microphone sensitivity if you would like to keep Voice Activated sound transmission or activate Continuous Sound transmission. Please see Step 7 for further instructions.
The power ON indicator on the Nursery Unit does not light up	The AC adaptors 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.	Press and hold the left wing backwards for 2 seconds to turn ON the Nursery Unit (see Step 2a).
There is very weak reception	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 15).
	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 15).
	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 3a). Check if all AC adaptors are working correctly and if the mains socket is turned ON.
There is interference or noise coming from the Parent Unit (e.g. interference from other monitors, wireless phones and networks, walkie-talkies, etc.)	The Parent Unit is located near motorized devices, fluorescent lights, televisions, etc.	Keep the Parent Unit and the Nursery Unit away from any devices that can be a source of interference.
There is 'feedback' coming from the Parent Unit (loud howling noise)	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 UP and DOWN buttons on the right hand side of the Parent Unit.
The mattress has become mouldy	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.
There is no video transmission	The video screen has been turned OFF. The Power Save Function has been activated.	<ul style="list-style-type: none"> • Press the ON/OFF button on the left hand side of the Parent Unit to start the video transmission. • Press the video screen to start the video transmission. • Deactivate the Power Save Function. • For further instructions, see Step 9.



Angelcare[®]

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; Email: helpline@angelcare-uk.co.uk

