

Angelcare®

FOR YOUR PEACE OF MIND

OWNER'S MANUAL

Model AC410, AC510

Baby Video and Sound Monitor

Model AC417, AC517

Baby Video, Sound and Movement Monitor



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OWNER'S MANUAL

KEEP YOUR OWNER'S MANUAL FOR FUTURE REFERENCE.

PLEASE READ THE WARNINGS AND INSTRUCTIONS CAREFULLY BEFORE ASSEMBLING & USING THE PRODUCT.

FAILURE TO FOLLOW THE WARNINGS AND THE INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH OR DAMAGES TO THE PRODUCT.

THE SENSOR PAD FEATURE IS NOT FOR USE WITH ADULTS, CHILDREN OR INFANTS OLDER THAN 24 MONTHS.

THE SENSOR PAD IS NOT INTENDED TO BE USED TO DETERMINE IF A CHILD IS OUT OF THE CRIB.

WARNING

Adult assembly required.

Keep small parts away from children when assembling.

We, at Angelcare®, stand behind all of our products.

If you are not completely satisfied or have any questions,

United States and Canada: Please contact us at: angelcare@cdecinc.ca

Other countries: Please contact your local distributor.

FCC AND IC REGULATIONS

RF radiation exposure statement

The Camera complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

Caution: To maintain the compliance with the FCC's and Industry Canada's RF exposure guideline, install the Camera at least 20 cm from ALL persons. The transmitter of this device must not be co-located or operating in conjunction with any other antenna or transmitter.

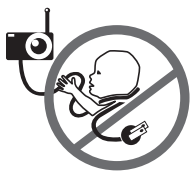
Industry Canada

This product meets the applicable Industry Canada technical specifications.
CAN ICES-3 (B)/NMB-3 (B)

⚠ WARNINGS

1. THIS PRODUCT CANNOT REPLACE RESPONSIBLE ADULT SUPERVISION. This product is designed to aid in the monitoring of your child. When using the monitor, you must still provide the supervision necessary for the continued safety of your child. Monitoring of premature babies, or those considered to be at risk, should always be carried out under the supervision of a health professional. This monitor **SHOULD NOT** be used as a medical device, nor as a device to prevent Sudden Infant Death Syndrome (SIDS).

2. WARNING Strangulation Hazard — Children have **STRANGLED** in cords. Keep adapter cords



out of the reach of children (more than 1 meter away). **NEVER** use Sensor Pad(s) without the protective cord covering. Check protective cord covering before each use. Immediately discontinue use of Sensor Pad(s) if protective covering is

damaged or broken.

3. Never use extension cords with adapters. ONLY use the adapters provided.

4. When an adapter is plugged into an electrical outlet, DO NOT touch the exposed end.

5. ALWAYS be sure that both the transmitter and receiver are working properly and are within range of each other. Test the monitor before first use, periodically and when changing location of the Camera.

6. ALWAYS be sure to immediately check on baby whenever an alarm sounds.

7. DO NOT use monitor near water (such as bath tub, sink, etc.).



8. Keep monitor AWAY from heat sources (such as stoves, radiators, etc.).

9. ALWAYS place both the Camera and the Parent Unit on a flat surface in an upright position and allow for proper ventilation. **DO NOT** place on sofas, cushions, beds, etc. which may block ventilation.

10. This monitor uses public airwaves to transmit signals. The Parent Unit may pick up signals or interference from other nursery monitors in your area. Your monitor may even be picked up by other households. To protect your privacy, make sure both units are turned **OFF** when not in use. If you experience interference, change the channel on both units.

11. This product is NOT a toy. DO NOT allow children to play with it.

12. This product contains small parts. Adult assembly required. Exercise care when unpacking and assembling the product and keep small parts away from children.

13. When using the monitor, the room temperature should be between 10°C and 40°C.

⚠ BATTERY WARNING

14. The Parent Unit battery is a replaceable Li-Ion battery. Only use the Angelcare recommended replacement battery. Danger of explosion if the wrong battery is used or if replaced incorrectly. Refer to your user manual for correct battery installation. DO NOT short circuit supply terminals. Only use the Angelcare provided power adapter to charge the battery. Remove the battery from your parent unit if product is to be stored for an extended period of time. Dispose of batteries according to your local ordinances. ALWAYS keep all batteries away from children.

15. IMPORTANT SAFETY INSTRUCTIONS

15.1 Heed all warnings – All warnings on the product and in the operating instructions should be adhered to.

15.2 Follow all instructions – All operating and use instructions should be followed.

15.3 Water and moisture – **DO NOT** use this apparatus near water. For example, near a bath tub, wash bowl, kitchen sink, laundry tub, in a wet environment or near a swimming pool and the like. Care should be taken so that objects **DO NOT** fall onto units and that liquids are not spilled into either unit or Sensor Pad through its openings.

15.4 Cleaning – Disconnect all units before cleaning. **DO NOT** immerse in water any part of the monitor. Clean only with dry cloth.

15.5 Ventilation – **DO NOT** block any ventilation openings. Allow for proper ventilation when units are in use. **DO NOT** cover the Camera or the Parent Unit 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.

15.6 Heat sources – **DO NOT** install near any heat sources such as radiators, heat registers, stoves, TVs or other apparatus (including amplifiers) that produce heat. Heat can damage the case or electrical parts.

15.7 Power cord protection – Protect the Sensor Pad cord and Adapter's power cord from being walked on or pinched by furniture or other items – Power supply cords should be routed so that they are not likely to be walked on or pinched by items upon or against them, paying particular attention to cords and plugs, convenience receptacle, and the point where they exit from the product. The socket outlet shall be installed near the equipment and shall be easily accessible. Make sure to plug the adapter to the socket outlet nearest to the equipment and that is easily accessible. To disconnect from mains, unplug the adapter.

15.8 Accessories - Only use attachments/accessories specified by the manufacturer. DO NOT place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious injury to a child or adult and serious damage to the product. Use ONLY with a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturer's instructions.

15.9 Unplug this appliance during lightning storms or when not used for long periods of time.

15.10 Servicing - DO NOT attempt to service this product yourself as opening or removing covers (except battery door) may expose you to dangerous voltage or other hazards.

15.11 Replacement parts - When replacement parts are required, be sure the replacement parts specified by the manufacturer have the same characteristic as the original part. Unauthorized substitution may result in fire, electric shock or other hazards.

15.12 Usage - This baby monitor is intended as an aid. It is NOT a substitute for responsible and proper adult supervision and should not be used as such. Use this appliance ONLY for its intended use as described in this manual.

15.13 Power Sources - Operate this product only from the type of power source indicated on the type plate of the adaptor. If you are unsure of the type of power supply to your home, consult your dealer or local power company.

15.14 Overloading - DO NOT overload wall outlets, extension cords or integral convenience receptacles as this can result in a risk of fire or electric shock.

15.15 Object and Liquid Entry - NEVER push objects of any kind into this product through casting slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. NEVER spill liquid of any kind on the product.

15.16 Antenna - The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

15.17 Power Lines - An outside antenna system should NOT be located in the vicinity of overhead power lines or other electric light or power circuit, or where it can fall into such power lines or circuits as contact with them may be fatal.

15.18 Vibration Source - When the monitor is in use, DO NOT use a crib mobile or other crib accessories that may produce vibrations. Other sources of vibrations may include fans, washing machines, loud music, etc. These sources of vibration may interfere with the performance of your Angelcare® monitor and the alarm will not sound if it continues to detect any movement other than your baby's. Be sure all vibration sources are eliminated before using the monitor. You may experience false alarms for several reasons. The most common reason is the Camera has not been turned **OFF** after you have removed your baby from the crib. Another reason is the Sensor Pad has not been placed under the mattress properly. Be sure the Sensor Pad is on a flat, firm surface

with the printed side facing up. The sensitivity level may also need to be adjusted. Refer to **Step**

5.1. Always be sure to immediately check on baby whenever an alarm sounds.

15.19 Sensor Pad - Your Sensor Pad can be used in any crib that is stationary. If the crib has a spring or slat base, place a hard board between the crib base and the Sensor Pad measuring at least 33 x 33 cm and 6 mm thick. Only use your Angelcare® monitor in a stationary sleeping environment such as a crib where the Sensor Pad can rest on a completely flat, firm surface. The sensor pad is made of plastic and does not permit the air to circulate. Therefore, mildew build up could develop underneath the mattress in the sensor pad area. We suggest rotating the mattress regularly to prevent any mildew.

16. IMPORTANT SAFETY INSTRUCTIONS RELATED TO USE OF BATTERIES

16.1 Use ONLY the type and size of batteries specified in the owner's manual. There is a risk of explosion if batteries are replaced with an incorrect type.

16.2 Charge the battery for 9 hours prior to first use. Be sure to have the monitor in the **OFF** position during this period. ONLY use the adapters included with your monitor.

16.3 DO NOT use these adapters with any other equipments.

16.4 When unplugging the adapter from the Camera, be sure it is switched to the **OFF** position. If it isn't, the unit will revert to battery mode if batteries are installed.

16.5 DO NOT use rechargeable batteries in the Camera. Use alkaline batteries ONLY.

16.6 DO NOT dispose batteries in fire. They may explode. Check with local regulations for possible special disposal instructions.

16.7 Exercise care in handling batteries in order not to short out the batteries with conducting materials such as rings, bracelets and keys. Overcharging, short circuiting, reverse charging, mutilation, or incineration of batteries must be avoided to prevent one or more of the following occurrences: release of toxic materials, release of hydrogen and/or oxygen, gas and rise in surface temperature.

16.8 DO NOT attempt to recharge batteries provided with or identified for use with this product that are not intended to be charged. The batteries may leak corrosive electrolyte or explode.

16.9 DO NOT attempt to rejuvenate the batteries provided with or identified for use with this product by heating them. Sudden release of battery electrolyte may occur, causing burns or irritation to eyes or skin.

16.10 If and when necessary, the batteries must be replaced with identical new ones or equivalent (volts and size). If a battery to be replaced is connected with other batteries in series, replace the other batteries at the same time as well. DO NOT mix old and new batteries.

16.11 Reverse polarity installation of the batteries in the end product must be avoided. Reverse

insertion of batteries can cause charging, and that may result in leakage or explosion.

16.12 Remove batteries from both units if you store the product over 30 days because the batteries could leak and damage the product.

16.13 Discard 'dead' batteries as soon as possible since 'dead' batteries are more likely to leak in a product. If a battery has leaked or vented, it should be replaced immediately using protective gloves.

16.14 DO NOT store this product, or the batteries provided with or identified for use with this product, in high-temperature areas.

WARNING

17. (North America Only)

17.1 Warning: Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

17.2 NOTE: This equipment has been tested and found to comply with part 15 of the FCC Rules and the Industry Canada license-exempt RSS standard(s). 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.

17.3 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.

17.4 This device complies with the part 15 of the FCC Rules and the Industry Canada license - exempt RSS standards(s). Operation is subject to the following two conditions:

17.5 (1) This device may not cause harmful interference, and

17.6 (2) This device must accept any interference received, including interference that may cause undesired operation.

SETUP REQUIREMENTS

INCLUDED:

Model AC410, AC510

Baby Video and Sound Monitor

Model AC417, AC517

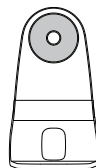
Baby Video, Sound and Movement Monitor



Touch control parent unit



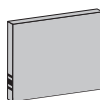
Camera



Tabletop stand
(for camera)



AC adapter
(for parent unit)



Lithium ion battery pack
(for parent unit)



AC adapter
(for camera)

INCLUDED (CONTINUED):



CR3032 battery
(for sensor pad)



Adhesive strips
(for flat micro USB cable)



Flat micro USB cable
(for camera adapter)



Wall mount
(for camera)
with hardware



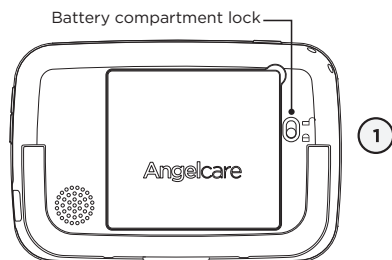
(Screwdriver required
for wall mounting)

* Always place printed side up *

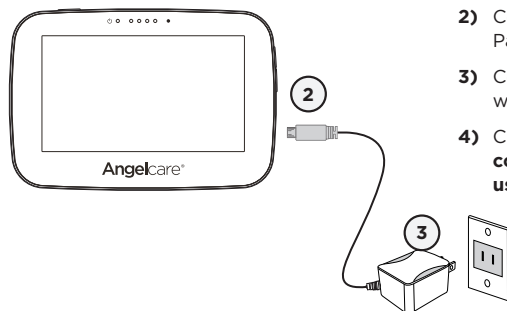


Wireless movement sensor pad
(only for Model AC417, AC517)

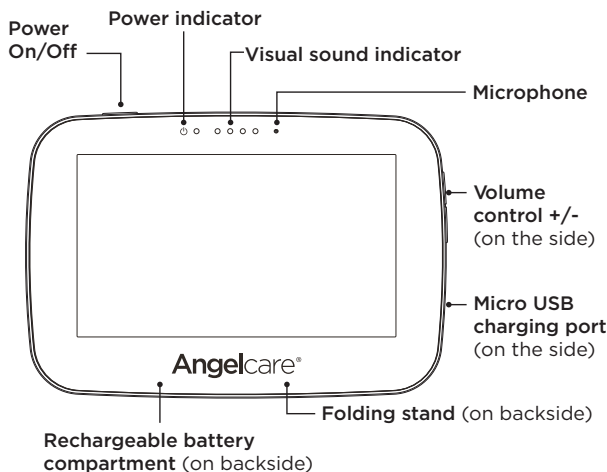
STEP 1 - CHARGING THE PARENT UNIT (8 HOURS)



- 1) Unlock the battery compartment on the backside and remove the cover. Insert the provided rechargeable battery into the compartment. Contacts of the battery and the contacts in the compartment must be aligned.



- 2) Connect the USB plug to the Parent Unit.
- 3) Connect the power adapter with an electrical outlet.
- 4) Charge the unit for **8 continuous hours prior to first use.**

PARENT UNIT:


WARNING

**STRANGULATION HAZARD.**

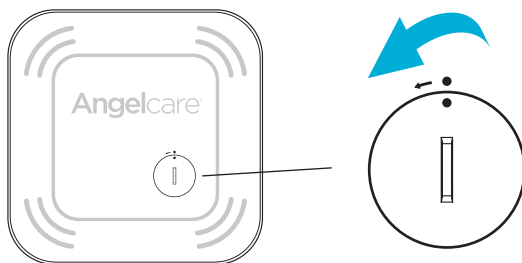
Children have STRANGLED in cords:

- Keep adapter cords out of the reach of children (more than 3 feet / 1 meter away).
- Because of the serious strangulation risk to infants and toddlers, parents and caregivers should never place the Camera within 3 feet / 1 meter of a crib.
- **NEVER** use extension cords with adapters. **ONLY** use the adapters provided. This product is not a toy. Never allow children to play with it.

STEP 2 - POSITIONING THE MOVEMENT SENSOR

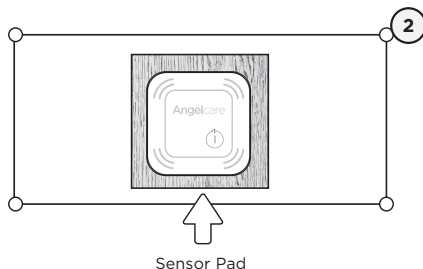
Note: If you have model AC410, AC510 (no Sensor Pad) you can skip to Page 9.

2.1 - POWERING THE MOVEMENT SENSOR PAD



- 1) When using the Sensor Pad for the first time, you will need to insert the provided CR3032 battery.
- 2) Remove the battery cover using a coin. Turn in the direction of the arrow.
- 3) Place the included battery (CR3032) in the compartment.
Note: The + symbol should be facing up.
- 4) Replace the battery cover (the two dots will line up). The Sensor Pad is now ON.
- 5) Verify the wireless sensor pad icon is on the status bar of your Parent Unit.

2.2 - INSTALL THE SENSOR PAD ON THE MATTRESS SUPPORT



- 1) Remove the mattress from the crib.
- 2) Place the Sensor Pad - printed side up - in the center of the mattress. It should be centered on the hardboard if your crib requires a hardboard support.
- 3) Replace the mattress.

IMPORTANT

If your crib does not have a solid, stable surface for the Sensor Pad, you will need to place a hard support board (not included) underneath the sensor pad to ensure correct operation of the system.

This hardboard support should be at least $\frac{1}{4}$ " (6 mm) thick and should have minimum dimensions of 13" x 13" (33 cm x 33 cm). This support board must be larger than the Sensor Pad surface area.

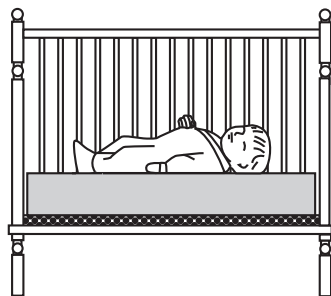


Hardboard

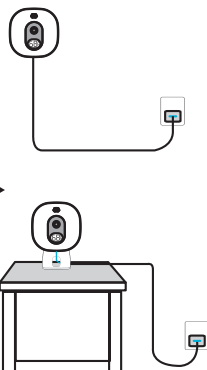
- Place the Sensor Pad directly underneath the mattress (and on top of support board, if needed) in the center of the crib. Make sure there is nothing between the mattress and Sensor Pad to interfere with operation.
- Never immerse the Sensor Pad in water or other liquids!

STEP 3 - SETTING UP THE CAMERA**3.1 - SELECT A LOCATION FOR THE CAMERA**
 WARNING
**IMPORTANT**

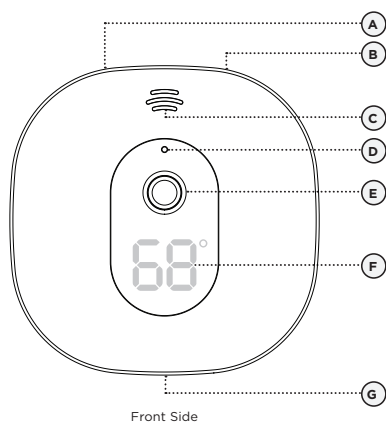
Place the crib near a supporting wall and far from air currents. Install the Camera on a flat, stable surface facing the crib at a distance of at least **1 meter / 3 feet**. Make sure to plug the adapter to the socket outlet nearest to the equipment and that is easily accessible.



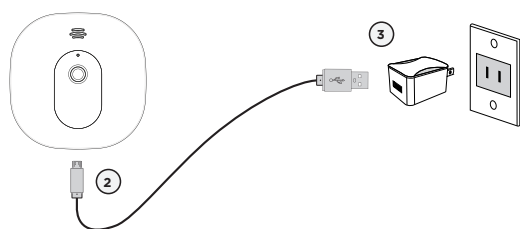
Place the
camera at least
3 ft (1m) from
the crib

3.1 - CAMERA



- A) POWER ON/OFF
- B) Pause Sensor Pad
- C) Speaker
- D) Microphone
- E) Camera
- F) Room temperature display
- G) Micro USB charging port



- 1) Place the Camera at a **minimum of 1 meter / 3 feet** away from the crib.
- 2) Connect the USB plug to the Camera.
- 3) Connect the USB plug with the power adapter and then with an electrical outlet.
- 4) Adjust the camera using the magnetic mount to get the best view of baby in the crib.

TURNING ON YOUR MONITOR

①



②



- 1) Press and hold the Parent Unit **ON/OFF** button for 2 seconds until LCD screen is turned **ON**. Angelcare's logo will be shown for 1 second.
- 2) Slide the Camera **ON/OFF** switch to the **ON** position
- 3) The Parent Unit will display **Video** mode screen.



When Parent Unit is turned **ON** and Camera is **OFF**, Parent Unit will display **Disconnected** mode.



If there is a lost connection between the 2 units after 15 seconds, the **Out-of-Range** alarm will sound on the Parent Unit (refer to troubleshooting):

- The **Out-of-Range** icon will appear on the screen.
- The **Lost Connection** icon will appear on the info bar.

INFO BAR IMPORTANT ICONS

Sensor Pad Status icons: Indicates the current status of the Sensor Pad



Normal Status



Sensor Pad Alert



Sensor Pad is Paused

CAM 1 Camera icons: Indicates which camera is currently viewed



Talk icon: Indicates when the Talk button is being pressed

VOX Vox icon: Indicates when the camera is on VOX mode

68°F Temperature icon: Indicates room temperature

Temperature Alerts Icons: Indicates Temperature Alarm is active



Too Warm



Too Cold

Connection Icon: Indicates the connection quality between the Parent Unit and the Camera



Out-of-Range



Poor connection



Medium connection



Good connection

Sound Level Icon: Indicates sound level



Mute (0/5)



2/5



3/5



4/5



5/5

Battery Level icon: Indicates battery life



Empty



1/4 Full



1/2 Full



3/4 Full



Full



Fully charged

STEP 4 - GETTING TO KNOW YOUR MONITOR



Your Angelcare® monitor can be used with the preprogrammed factory settings or you can customize the settings to your preference. Your monitor is equipped with a touch screen. Just a tap anywhere on the screen will bring up the menu and feature selections.

IMPORTANT

When in menu or sub-menu modes, sound transmission between Parent and Cameras will be temporarily deactivated. ONLY movement-detection alarm will remain active (if function is activated).

4.1 - SENSOR PAD

Note: If you have model AC410, AC510 (no Sensor Pad) you can skip to Page 15.

IMPORTANT

- To ensure adequate monitoring of your child's movements, you can adjust the sensitivity of the sensor pad in the main settings menu.
- Set a high sensitivity for a newborn and a lower sensitivity as the child grows and gains weight. A thicker mattress will also need a higher sensitivity.
- Alarm will sound if there is no movement after 20 seconds.

IMPORTANT

The Sensor Pad is not designed for use with adults, children or infants older than 24 months. Once you are finished using the Sensor Pad, deactivate the movement function and remove it from the baby's crib and store it away.

TO ACTIVATE THE SENSOR PAD:



1) Tap the screen anywhere to bring up the menu.

2) Tap the Settings Icon .



3) Tap the Sensor Pad Icon .

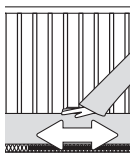
4) Tap the Sensor Pad Toggle button to activate the Sensor Pad (the toggle button will turn blue).

5) Tap the Save Icon at the bottom of the screen (Icon will turn blue)

TO TEST THE SENSOR PAD:

IMPORTANT

- Test your monitor before first use.
- Test your monitor regularly to ensure it is functioning correctly.
- Test your monitor every time you move the Sensor Pad to a different place.



1) After activating the Sensor Pad, the alarm should go off after 20 seconds.

2) Rub your hand over the mattress and confirm the alarm stops.



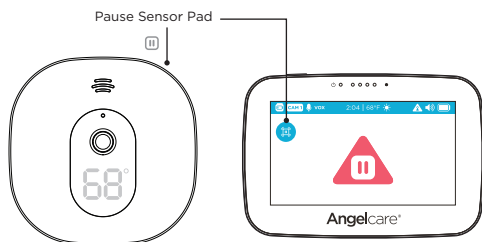
MOVEMENT ALARM

- Alarm activates when no movement is detected by the Sensor Pad for 20 seconds.
- Both the Parent Unit and the Camera speakers will emit warning sound.
- Movement Alarm icon will show on the LCD screen.

IF THE ALARM DOES NOT SOUND

- Avoid contact with the crib while Sensor Pad is in operation.
- Place the crib near a supporting wall to reduce vibrations.
- Adjust the Sensor Pad sensitivity level.
- Turn **OFF** crib mobile, fans, loud music or anything else that may cause vibration.

PAUSING AND RESTARTING THE SENSOR PAD:



- If you remove baby from the crib, e.g. for feeding or comforting, remember to pause the Sensor Pad. That can be done from the Parent Unit by tapping the screen and then tapping the Sensor Pad Pause Icon  in the upper left corner of the display OR from the Camera by pressing the pause button on the top right of the unit.
- Don't forget to restart by utilizing the same methods to re-engage the Sensor Pad.

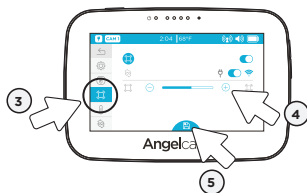
IMPORTANT

If you do not pause the Sensor Pad, the alarm will sound if there is no movement after 20 seconds

TO ADJUST THE SENSOR PAD SENSITIVITY LEVEL:

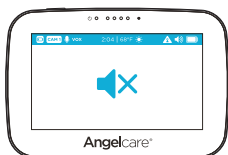
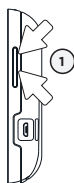


- 1) Tap the screen anywhere to bring up the menu.
- 2) Tap the Settings Icon .



- 3) Tap the Sensor Pad Icon .
- 4) Tap  or  to adjust the sensitivity level.
- 5) Tap the Save Icon at the bottom of the screen (Icon will turn blue) to confirm your settings.

TO ACTIVATE SOUND:



- 1) Press the **Volume up / Volume down** button at the right side of the Parent Unit to adjust the sound level.
- 2) To mute the sound level press the **Volume down** button until the mute symbol is displayed.

IF YOU HEAR NO SOUND:

- Check that both units are powered **ON**.
- Check that Parent Unit is not on **MUTE**.
- Check the battery on the Parent Unit (recharge it if necessary).
- Bring the Parent Unit closer to the Camera.

IMPORTANT

To avoid feedback (whistling), keep both units at least **3 meters / 10 feet** apart.

4.2 - BATTERY**HOW TO CHECK THE BATTERY:**

Unplug the adapter from the Parent Unit and check the battery level indicator.



1/4 full



1/2 full



3/4 full



full

**HOW TO CHARGE THE BATTERY IN THE PARENT UNIT:**

Leave the Parent Unit plugged in to fully charge the unit. Although the battery at 1/4 capacity works normally, we recommend that you fully recharge it.

PARENT UNIT BATTERY ALERT

- Alert activates when the battery needs to be recharged.
- Parent Unit will emit a beep sound every 30 seconds.
- **Battery Alert** icon will show on LCD screen.

YOU ARE NOW READY TO USE YOUR MONITOR

The Angelcare® monitor can be used with the pre-programmed factory settings or you can also customize your settings to your preference.

DEFAULT SETTINGS

Parent Unit Volume:	Level 3 (of 4)
NU Speaker Volume:	Level 3 (of 4)
Camera Microphone Sensitivity:	Level 2 (of 4)
Movement Mode:	ON (AC417, AC517) OFF (AC410, AC510)
Sensor Pad Sensitivity:	Level 2 (of 4) (AC417, AC517)
Temperature Unit:	Fahrenheit
Temperature Alert:	OFF
Temperature Graphing:	OFF (AC410, AC510) ON (AC417, AC517)
Movement Graphing:	ON (AC417, AC517)
VOX:	OFF
Camera Color Changing Mode:	White (No Color)
Screen Saver Timer:	OFF
LCD Brightness:	Level 3 (of 5)

STEP 5 - ACTIVATING AND DEACTIVATING ADDITIONAL FUNCTIONS

IMPORTANT

When in the menu or sub-menu modes, sound transmission between Parent and Cameras will be temporarily deactivated. ONLY the movement detection alarm will remain active (if function is activated).

5.1 - SOUND TRANSMISSION (VOX)

Your monitor has the capability to be 'Sound Activated'. This means that it will transmit sounds only when it detects them. It will detect even the softest levels of crying.

To save power, after 10 seconds, the sound transmission will stop if no sound is detected. Once sound is detected transmission will automatically activate.

TO TURN VOX ON

Vox sensitivity allows you to determine the sound level needed to trigger sound transmission to the Parent Unit. This means that sound will only transmit based on the level that you set.



- 1) Tap the screen anywhere to bring up the menu.

- 2) Tap the Settings Icon .



- 3) Tap the icon  to select the Camera settings menu.

- 4) Tap the VOX Toggle button to activate the VOX function (the toggle button will turn blue).

- 5) Tap the Save Icon at the bottom of the screen (Icon will turn blue) to confirm your settings.

TO ADJUST THE SOUND SENSITIVITY (VOX):



- 1) Tap the screen anywhere to bring up the menu.

- 2) Tap the Settings Icon .



- 3) Tap the icon  to select the Camera settings menu.

- 4) Tap  or  to adjust the VOX sensitivity level.

- 5) Tap the Save Icon at the bottom of the screen (Icon will turn blue) to confirm your settings.

5.2 - TWO WAY TALK

Your parent monitor is equipped with Two Way Talk. This feature allows you to talk to baby without being in the nursery.

Tap and hold the microphone icon to activate the microphone of your PU and talk to your baby. The microphone icon appears in the Status Bar when the microphone is active.

Release the microphone icon to switch it off.

The volume for the microphone can be adjusted in the Main Settings Menu.

TO ACTIVATE TWO WAY TALK:



- 1) Tap and hold the microphone icon  to activate two way talk (Icon will expand and turn blue).
- 2) Make sure you speak into the microphone.
- 3) Release the microphone icon  to turn off the two way talk function.

TO ADJUST THE CAMERA VOLUME:



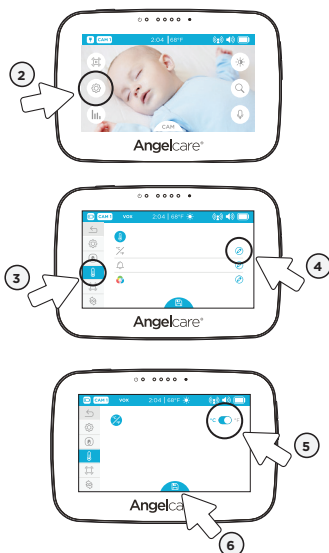
- 1) Tap the screen anywhere to bring up the menu.
- 2) Tap the Settings Icon .



- 3) Tap the icon  to select the Camera settings menu.
- 4) Tap  or  to adjust the two way talk volume level.
- 5) Tap the Save Icon at the bottom of the screen (Icon will turn blue) to confirm your settings.

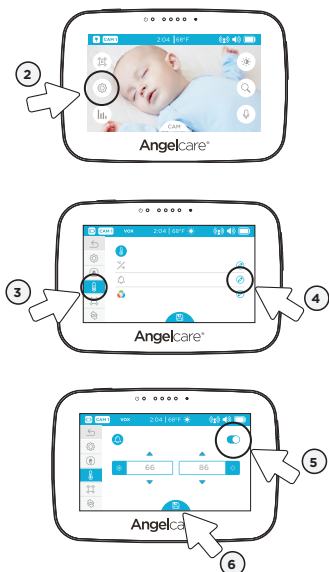
5.3 - ROOM TEMPERATURE DISPLAY

TO CHANGE FROM FAHRENHEIT TO CELSIUS:



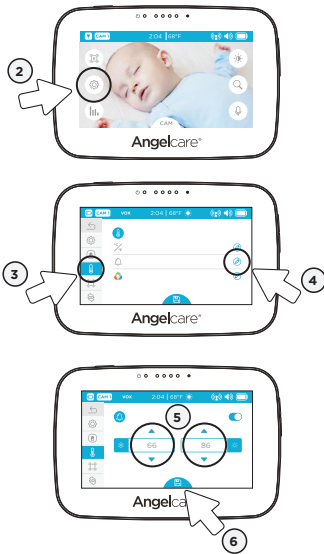
- 1) Tap the screen anywhere to bring up the menu.
- 2) Tap the Settings Icon .
- 3) Tap the Temperature Icon  to enter the temperature settings menu.
- 4) Tap the Edit Icon  to enter the temperature unit setting.
- 5) Tap the Temperature Unit Toggle button to switch between **°C** and **°F** (the toggle button and the chosen unit will turn blue).
- 6) Tap the Save Icon at the bottom of the screen (Icon will turn blue) to confirm your settings.

TO ACTIVATE THE ROOM TEMPERATURE ALERT:



- 1) Tap the screen anywhere to bring up the menu.
- 2) Tap the Settings Icon .
- 3) Tap the Temperature Icon  to enter the temperature settings menu.
- 4) Tap the Edit Icon  to enter the temperature alarm setting menu.
- 5) Tap the Temperature Alarm Toggle button to activate the alarm function (the toggle button will turn blue).
- 6) Tap the Save Icon at the bottom of the screen (Icon will turn blue) to confirm your settings.

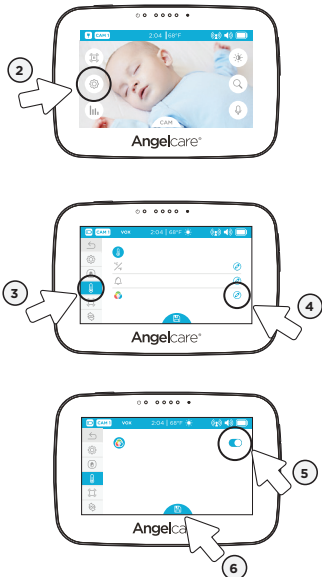
TO SET THE ROOM TEMPERATURE RANGE:



- 1) Tap the screen anywhere to bring up the menu.
- 2) Tap the Settings Icon .
- 3) Tap the Temperature Icon  to enter the temperature settings menu.
- 4) Tap the Edit Icon  to enter the temperature alarm setting menu.
- 5) Set the lower and upper temperature limit tapping the **up/down arrows**  .
- 6) Tap the Save Icon at the bottom of the screen (Icon will turn blue) to confirm your settings.

TO SET THE CAMERA COLOR CHANGING MODE:

With this option the Camera digits light up in color when the temperature goes above or below your preferences. If the temperature goes above your set preferences and this option is turned on, the digits on the camera's LCD will turn to red instead of the default white. If the temperature goes under the set preferences, then the digits will turn blue.



- 1) Tap the screen anywhere to bring up the menu.
- 2) Tap the Settings Icon .
- 3) Tap the Temperature Icon  to enter the temperature settings menu.
- 4) Tap the Edit Icon  to enter the color changing mode menu.
- 5) Tap the Color Changing Mode Toggle button to activate the color changing mode (the toggle button will turn blue).
- 6) Tap the Save Icon at the bottom of the screen (Icon will turn blue) to confirm.



TEMPERATURE ALERT

- Alert activates when temperature reaches maximum or minimum set temperature.
- Parent Unit will emit 4 consecutive beeps, every 5 seconds.
- **Temperature Alert** icon will show on LCD screen.

5.4 - HOW TO CHANGE TIME

For model AC410, AC510, please skip to Step 1.

For model AC417, AC517:

When your Angelcare baby monitoring system is set up and everything is turned on, the Sensor Pad has begun monitoring for movement. If no movement is detected within 20 seconds an alarm will sound and an alert icon will appear on the Parent Unit. To avoid the alarm from interfering with the Time/Date setup, please refer to Section 4.1 and the instructions under To Activate the Sensor Pad. Ensure the Sensor Pad is set to **OFF**, then proceed to Step 1.



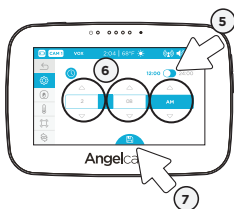
1) Tap the screen anywhere to bring up the menu.

2) Tap the Settings Icon .



3) Tap the Settings Icon  to enter the general settings menu.

4) Tap the Edit Icon  to access the time settings menu.



5) Tap the Time Mode Toggle button to switch between 12 h and 24 h mode.

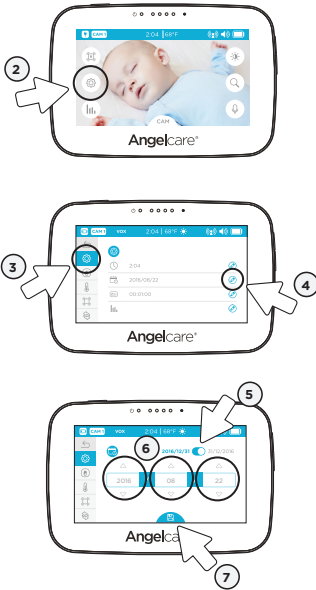
6) Set the hours and minutes using the **up/down arrows**  .

7) Tap the Save Icon at the bottom of the screen (Icon will turn blue) to confirm your settings.

IMPORTANT

Please remember to turn the Sensor Pad back on after setting the time / date.

5.5 - HOW TO CHANGE DATE



- 1) Tap the screen anywhere to bring up the menu.
- 2) Tap the Settings Icon .
- 3) Tap the Settings Icon  to enter the general settings menu.
- 4) Tap the Edit Icon  to access the date settings menu.
- 5) Tap the Date Mode Toggle button to switch between Month/Day/Year and Day/Month/Year display.
- 6) Set the day, month and year using the **up/down arrows**  .
- 7) Tap the Save Icon at the bottom of the screen (Icon will turn blue) to confirm your settings.

IMPORTANT

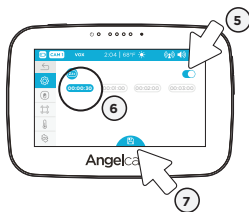
Please remember to turn the Sensor Pad back on after setting the time / date.

5.6 - SCREEN SAVER

Allows you to set the screen saver.



- 1) Tap the screen anywhere to bring up the menu.
- 2) Tap the Settings Icon .
- 3) Tap the Settings Icon  to enter the general settings menu.
- 4) Tap the Edit Icon  to access the screen saver settings menu.



- 5) Tap the Screen Saver Toggle button to switch the screen saver on or off (the toggle button will turn blue).
- 6) Tap to select between 30 seconds to 3 minutes.
- 7) Tap the Save Icon at the bottom of the screen (Icon will turn blue) to confirm your settings.

NOTE:

The touchscreen will turn black when video is in **Screen Saver** mode. Tap the screen anywhere to return to **Video** mode.

5.7 - MOVEMENT AND TEMPERATURE MONITORING

(Model AC410, AC510 has Temperature Monitoring Only)

Activity analysis and room temperature tracking give you insight into your little one's activity level during sleep, helping you to better adapt routines and respond to their needs. The movement monitoring records data every ten seconds. Three times every hour the system compiles the collected data and a "movement activity report" can be viewed on the parent unit.

TO TURN ON MOVEMENT AND TEMPERATURE MONITORING:

NOTE:

Model AC417, AC517 should be defaulted to **ON**. Model AC410, AC510, you will need to turn monitoring **ON**.

IMPORTANT

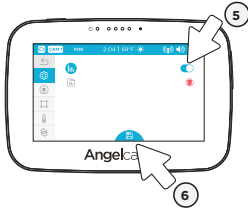
Before turning on the movement and temperature monitoring, ensure you have set the date and time in sections 5.1 and 5.2.



- 1) Tap the screen anywhere to bring up the menu.
- 2) Tap the Settings Icon .



- 3) Tap the Settings Icon  to enter the general settings menu.
- 4) Tap the Edit Icon  to access the monitoring settings.

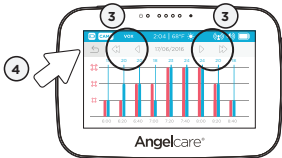


- 5) Tap the Monitoring Toggle button to switch the monitoring function **ON/OFF** (the toggle button will turn blue when **ON**).
- 6) Tap the Save Icon at the bottom of the screen (Icon will turn blue) to confirm.

NAVIGATING MOVEMENT AND TEMPERATURE REPORTS:



- 1) Tap the screen anywhere to bring up the menu.
- 2) Tap the Settings Icon .



- 3) In the movement and temperature reports, tap the arrows to navigate hour by hour or day by day.
- 4) Tap the **arrow back**  to go back to the Main Menu.

MONITORING IMPORTANT BUTTONS AND ICONS

Navigation Icons:

◀ Go to previous page ▶ Go to next page ⏮ Go to previous day ⏭ Go to next day

Sensor Pad Movement Levels: Indicates the amount of movement from your Sensor Pad

 Low Movement  Medium Movement  High Movement

Graphing Icons:

 Indicates an alert during the period  Indicates the system was turned off during the period

TO DELETE GRAPHING DATA:

Allows you to delete saved statistical graphs.



- 1) Tap the screen anywhere to bring up the menu.
- 2) Tap the Settings Icon .



3) Tap the Settings Icon (gear) to enter the general settings menu.



4) Tap the Edit Icon (pencil) to access the monitoring settings.



5) Tap the Bin Icon (trash can) to access the graph delete menu.

6) Tap the Bin Icon (trash can) to delete previously saved graph data. If no data has been saved yet, this option will not be available.

7) Tap the Arrow (back) to cancel deleting of previously saved graph data. You will return to the previous screen.

5.8 - DIGITAL PAN AND ZOOM

Allows you to zoom in to twice the normal view.



1) Tap the screen anywhere to bring up the menu.



2) Tap the Magnifier Icon (magnifying glass) to activate the zoom.



3) Use the **arrow keys** to zoom in on what you want to see more closely.



4) Tap anywhere on the screen, except on the arrows, to return to the Main Menu. The camera will stay zoomed in. When zoomed in, the Magnifier Icon will be blue.



5) Tap on the blue Magnifier Icon (magnifying glass) to return to normal viewing mode. Zoom is deactivated.

5.9 - LCD SCREEN BRIGHTNESS

Allows you to adjust the LCD screen brightness on the Parent Unit.



1) Tap the screen anywhere to bring up the menu.

2) Tap the Brightness Icon



3) Tap / to decrease / increase the brightness level.

4) Tap again the Brightness Icon to return to the Main Menu.

STEP 6 - ADDING ACCESSORIES

6.1 - ADDING A WIRELESS SENSOR PAD

If you have purchased a Wireless Sensor Pad accessory, please follow the steps below to add it to the system.

Ensure you start at Step 2 of the instruction manual to properly position the Sensor Pad in the crib.

See section 4.1 to activate and test your Sensor Pad and adjust sensitivity.



1) Tap the screen anywhere to bring up the menu.

2) Tap the Settings Icon



3) Tap the Pairing Icon to enter the device pairing menu.

4) Tap the Icon to add a Sensor Pad.

5) When the **trash can** icon appears, the Sensor Pad is now paired.

6.2 - ADDING AN ACCESSORY CAMERA

If you have purchased an Accessory Camera, please follow the steps below to add it to the system.



- 1) Tap the screen anywhere to bring up the menu.
- 2) Tap the Settings Icon .
- 3) Tap the Pairing Icon  to enter the device pairing menu.
- 4) Tap the Icon  to select/highlight CAMERA 2 (icon will be grayed out).
- 5) Plug in and turn your Camera on.
- 6) Press and hold the **Pause / Pairing** button  on the top right of the Camera.
- 7) When the **trash can** icon  appears, the Camera is paired.

VIEWING MULTIPLE CAMERAS:

With more than one camera you can view each camera individually or use the split screen mode to view all cameras connected simultaneously. Follow the steps below for multi-camera viewing:



- 1) Tap the camera selection icon CAM. The Camera Select Menu will pop-up and active cameras will have an icon with a camera number (*inactive cameras will be grayed out*).
- 2) Tap on the Camera Icon  of the camera you would like to view (the icon turns blue).
- 3) The CAM # icon will appear in the left hand side of the info bar.
- 4) To view the split screen option, tap the Camera Icon .

TROUBLESHOOTING

TAKING CARE OF YOUR RECHARGEABLE BATTERIES

- Ensure that you fully charge your battery for 8 hours before its first use.
- To maintain maximum battery life it is recommended that you fully discharge your battery periodically. If your Parent Unit is not in use, please turn it **OFF**.

FALSE ALARMS

- Turn **OFF** the Camera.
- Make sure there is no bedding between the mattress and the Sensor Pad.
- If the crib has a spring or slat base, place a hardboard between the crib base and the Sensor Pad measuring at least 13 in x 13 in x ¼ in thick.
- Make sure the Sensor Pad is positioned as described under the setup requirements. Sensitivity may need to be adjusted.

ALARM WILL NOT SOUND

- Avoid contact with the crib when the monitor is **ON**.
- Place crib near a solid supporting wall to avoid Sensor Pad from detecting movement from outside the crib.
- You may need to decrease the sensitivity.

NO SOUND IS BEING TRANSMITTED

- Check the volume level on the Parent Unit and the Camera to ensure they are set to an appropriate level.
- Try bringing the Parent Unit closer to the Camera to see if you get sound.
- Charge the parent unit.

WEAK RECEPTION

- Bring units closer together.
- Change the position of one or both units.
- Place units on a flat surface away from baby's reach.
- Recharge the Parent Unit.

STATIC, DISTORTION, INTERFERENCES (FROM OTHER MONITORS, WIRELESS PHONES, WALKIE-TALKIES, ETC.)

- Rotate Parent Unit or move it away from source of interference.

FEEDBACK (LOUD NOISES EMITTED FROM THE PARENT UNIT)

- Move units farther apart (at least 3 meters).
- Decrease volume on Parent Unit.

THE PARENT UNIT SCREEN IS BLACK (PARENT UNIT IS OFF)

- Turn the Parent Unit back **ON** by pushing and holding the **POWER ON/OFF** button for 2 seconds.
- Recharge the Parent Unit.

LIMITED WARRANTY

Angelcare® warrants to the original owner of this product that Angelcare® video, movement and sound monitor 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 your distributor.

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.

This warranty does not cover products and accessories which are not Angelcare-branded, or any problems that result from usage that is not in accordance with product instructions, failure to follow the product instructions, or problems caused by using accessories, parts or components not supplied by Angelcare.

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.

IMPORTANT! This Angelcare® monitor is a personal care product. Please do not return this product to the store. If you have questions or need help, please call your distributor before returning this product.

TECHNICAL SPECIFICATIONS

Range:

Open field (Open area without obstructions): up to 820 ft / 250 meters.

Number of Channels:

USA/Canada: 24 channels.

Europe: 24 channels.

Power Supply:

1 included Li-Ion battery (parent unit)
100 - 240 VAC / 5 VDC adapter for the parent unit
100 - 240 VAC / 5 VDC adapter for the camera

1 included CR3032 battery (wireless sensor pad)
(AC417, AC517)

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 battery included for the Parent Unit is a user replaceable Li-ion rechargeable battery, manufactured by manufactured by Icon Energy System (Shenzhen) Co Ltd. Only use the Angelcare recommended replacement battery. To obtain information on replacement batteries please contact Angelcare customer service: www.angelcarebaby.com or contact your local distributor. Instructions will be included with the replacement battery. Dispose of exhausted batteries properly according to your local ordinances. Keep all batteries away from children.



PROTECT THE ENVIRONMENT

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

Batteries:

- DO NOT mix old and new batteries.
- DO NOT mix alkaline standard (carbon-zinc), or rechargeable (NI-CD, NIMH, etc.) batteries.

Transmission:

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

Hereby, Angelcare Monitors Inc., declares this baby monitor is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

The EU declaration of conformity can be obtained at: www.angelcarebaby.com.

www.angelcarebaby.com