Angelcare®
FOR YOUR PEACE OF MIND

OWNER'S MANUAL

Model AC417 and AC517

Baby Movement Monitor, with Video

⚠ WARNINGS

KEEP USER'S GUIDE FOR FUTURE REFERENCE. PLEASE READ THE WARNINGS AND SAFETY INSTRUCTIONS CAREFULLY BEFORE ASSEMBLING & USING THE PRODUCT. FAILURE TO FOLLOW THE WARNINGS AND THE INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH OR DAMAGE TO THE PRODUCT.

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This baby monitor is compliant with all relevant standards regarding electromagnetic fields and is, when handled as described in the User's Guide, safe to use.

⚠ WARNINGS

Because of the serious strangulation risk to infant & toddlers, parents & caregivers should note the following WARNINGS.

⚠WARNING - Strangulation Hazard – Children have STRANGLED in cords.

- **KEEP** the Camera Unit and adaptor cords **OUT** of the reach of children more than 3 feet or 1 metre away.
- **NEVER** use extension cords with adaptors. **ONLY** use adaptors provided.
- **This product is NOT a Toy. NEVER allow children to play with it.**

1. The Sensor Pad is not suitable for use above age 24 months

2. 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.
- Use this appliance ONLY for its intended use as described in this manual.

3. The sensor Pad is not intended to be used for to determine if a child is out of the cot.

4. This monitor should not be used as a medical device, nor as a device to prevent Sudden Infant Death Syndrome (SIDS) - Monitoring of premature babies, or those considered to be at risk, should always be carried out under the supervision of a health professional.

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

6. Keep cords out of reach of ANY children

7. ONLY use the chargers and power adaptors provided. Do not use other types as this may damage the device and battery pack (if included in your model)

8. Adult assembly required. Keep small parts away from children when assembling.

9. Follow instructions and test this monitor and its functions so you are familiar with it prior to actual use. ALWAYS be sure that both the transmitter and receiver are working properly and are within range of each other - check periodically and when changing location of the Camera.

10. DO NOT touch the plug contacts and especially with sharp or metal objects

11. DO NOT use the baby monitor near water. 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.

12. Keep monitor AWAY from heat sources (such as stoves, radiators, etc.). Heat can damage the case or electrical parts.

13. ALWAYS place both the Baby Unit and the Parent Unit on a flat solid surface in an upright position that allows for proper VENTILATION. DO NOT place on sofas, cushions, beds, etc. which may block ventilation or anywhere that would muffle the sound or interfere with the normal flow of air.

14. The baby monitor can only be used between 10°C and 40°C (50°F and 104°F).

⚠ WARNINGS and Safety Instructions - Battery Specific

15. ALWAYS keep all batteries away from children.

16. The Parent Unit battery is a replaceable Li-Ion battery. The Wireless Sensor Pad is a replaceable Button Cell Lithium Battery. Only use the Angelcare recommended replacement battery (see Technical specification).

- Danger of explosion if the wrong battery is used or if replaced incorrectly. Refer to User's Guide for correct battery installation.
- DO NOT short circuit supply terminals.

17. DO NOT mix old and new batteries and only use Angelcare recommended replacement batteries (see Technical Specification)

18. The Button Cell battery represents a small part and a choking hazard – KEEP away from children!

19. Dispose of batteries responsibly according to the User's Guide

20. Charge the batteries for 9 hours prior to first use. Be sure to have the monitor in the OFF position during this period.

21. Exercise care in handling batteries in order not to short out the batteries with conducting materials such as rings, bracelets and keys.

22. 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.

23. 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.

24. Incorrect 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.

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

26. 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, discard product responsibly.

27. DO NOT store this product, or the batteries provided with or identified for use with this product, in high-temperature & high humidity environments and avoid direct sunlight.

IMPORTANT SAFETY INSTRUCTIONS

28. 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.

29. Power cord protection - Protect the Adaptor'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 adaptor to the socket outlet nearest to the equipment and that is easily accessible. To disconnect from mains, unplug the adaptor.

30. Only use attachments/accessories and replacement parts specified by the manufacturer. Any mounting of the product should follow the manufacturer's instructions.

- DO NOT position 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 stand sold with the product.
- Be sure replacement parts are supplied by Angelcare and have the same characteristics as original part. Unauthorised substitution may result in fire, electric shock or fire.

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

32. 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.

- **Power Supply** – see Technical Specification within this guide.

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

34. Camera Unit Antenna - The antenna used for this transmitter must be installed to provide a separation distance of at least 8" (20 cm) from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

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

36. Sensor Pad –

- **Vibration Source/interference** - When the Sensor Pad is in use, DO NOT use a cot mobile, other cot 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.
- If your cot does not have a solid, stationary, completely flat, firm surface including a spring or slat base, place a hard board between the cot base and the Sensor Pad, to ensure correct operation. The hardboard support must measure at least 33 x 33 cm (13" x 13") and 6 mm (1/4") thick. This hardboard support must be larger than the Sensor Pad surface area.
- The Sensor Pad functions with any size and type of mattress except memory-foam mattresses, hollow frame mattresses and water beds. The hardboard maintains a constant pressure on the Sensor Pad, enabling it to detect the baby's movements even when the baby is at the edges of the cot.
- **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 & airing the mattress regularly to prevent any mildew.

37. False alarms may happen for several reasons:

- Camera has not been turned OFF after you have removed your baby from the cot.
- 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 User's Guide. Always be sure to immediately check on baby whenever an alarm sounds.

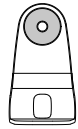
SETUP REQUIREMENTS

Model AC417 and AC517
Baby Movement Monitor,
with Video

INCLUDED:

Touchscreen Parent Unit

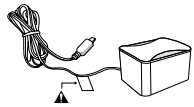
Camera Unit



Tabletop stand with removable wall mount metal ball
(for Camera Unit)

Hardware
(Screwdriver required for wall mounting)

Wireless movement Sensor Pad
* Always place Angelcare logo side up *

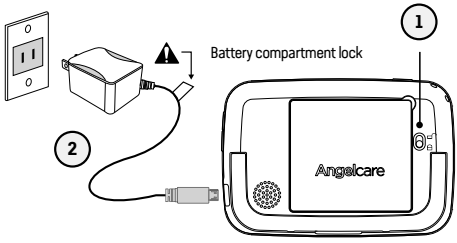


2 x AC adaptor
(for Parent Unit and Camera Unit)

Lithium ion battery pack
(for Parent Unit)

CR3032 battery
(for Sensor Pad)

STEP 1 - CHARGING THE PARENT UNIT (9 HOURS)



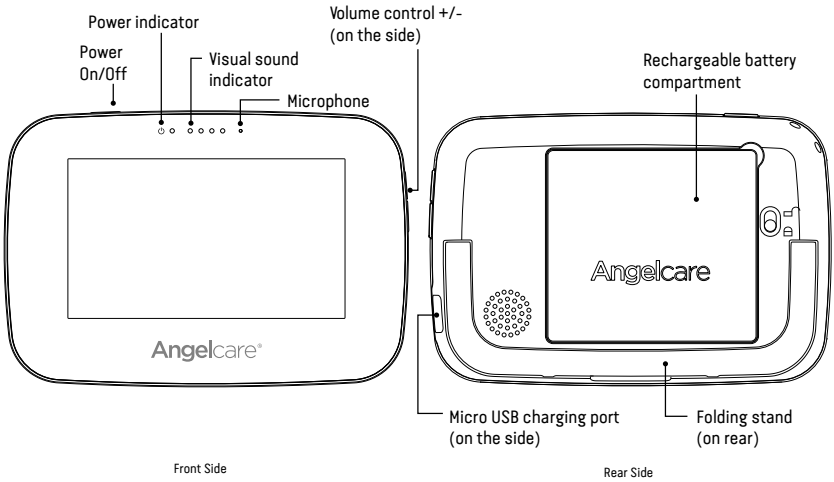
Rear View

1) Unlock the battery compartment on the rear 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 and connect the power adaptor with an electrical outlet.

3) Charge the unit for **9 continuous hours prior to first use.**

PARENT UNIT:



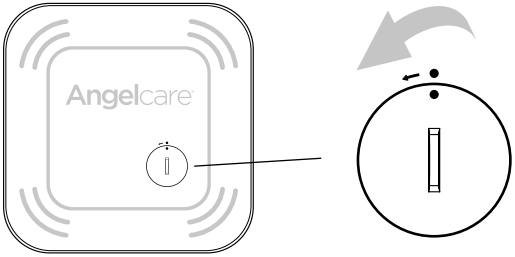
⚠WARNING - Strangulation Hazard – Children have STRANGLED in cords.

- **KEEP** the Camera Unit and adaptor cords **OUT** of the reach of children more than 3 feet or 1 metre away.
- **NEVER** use extension cords with adaptors. **ONLY** use adaptors provided.
- **This product is NOT a Toy. NEVER allow children to play with it.**

STEP 2 - POSITIONING THE MOVEMENT SENSOR PAD

2.1 - POWERING THE MOVEMENT SENSOR PAD

When using the Sensor Pad for the first time, you will need to insert the provided CR3032 battery.



1) Remove the battery cover using a coin. Turn in the direction of the arrow.

2) Place the included battery (CR3032) in the compartment.
Note: The + symbol should be facing up.

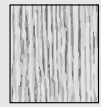
3) Replace the battery cover (the two dots will line up). The Sensor Pad is now **Activated**.

2.2 - INSTALL THE SENSOR PAD ON THE MATTRESS SUPPORT

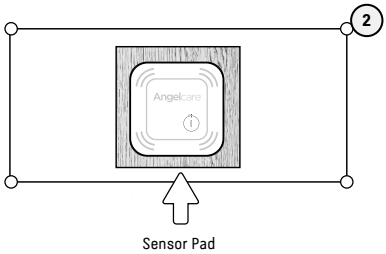
IMPORTANT

· If your cot does not have a solid, stationary, completely flat, firm surface including a spring or slat base, place a hard board between the cot base and the Sensor Pad, to ensure correct operation. The hardboard support must measure at least 33 x 33 cm (13" x 13") and 6 mm (1/4") thick. This hardboard support must be larger than the Sensor Pad surface area.

· The Sensor Pad functions with any size and type of mattress except memory-foam mattresses, hollow frame mattresses and water beds. The hardboard maintains a constant pressure on the Sensor Pad, enabling it to detect the baby's movements even when the baby is at the edges of the cot.



Hardboard



Sensor Pad

1) Remove the mattress from the cot.

2) Place the Sensor Pad - **Angelcare® logo side up** - in the center of the mattress. It should be centered on the hardboard if your cot requires a hardboard support.

3) Replace the mattress.

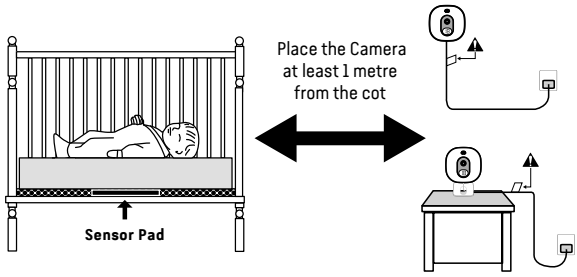
⚠IMPORTANT!

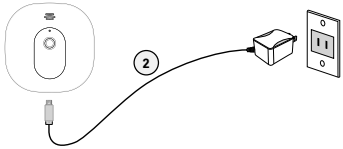
- Ensure the Sensor Pad is in the center of the Cot – printed or Logo side up – on top of the hardboard. Check the position is central before each use.
- BEFORE FIRST TIME USE: To test that the unit is ready for use, refer to instruction manual on how to test that the installation has been done correctly.

STEP 3 - SETTING UP THE CAMERA

3.1 - SELECT A LOCATION FOR THE CAMERA

Camera can be installed on the wall (see included parts) or using the tabletop stand. Depending on the position you choose, you'll need to remove the metal ball from the stand to wall mount camera.



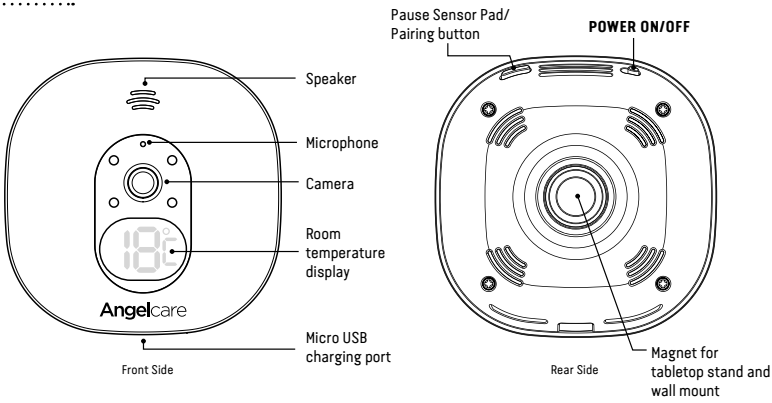


1) Place the Camera at a **minimum of 1 metre** away from the cot.

2) Connect the adaptor to the Camera and into an electrical outlet.

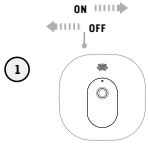
Note: Each time you power **ON** your Camera, the internal thermometer will need to calibrate to ensure accuracy. This automatic process will take approximately 30 minutes. The colour changing temperature display, by default, will be turned "**OFF**". You may turn this feature "**ON**" in the settings mode on your Parent Unit.

CAMERA UNIT



STEP 4 - TURNING ON YOUR MONITOR

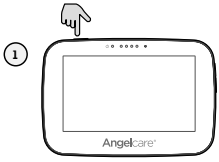
4.1 TURNING ON YOUR CAMERA



1) Slide the Camera **ON/OFF** switch to the **ON** position.

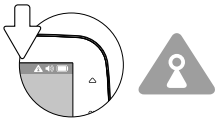
4.2 TURNING ON YOUR PARENT UNIT

Your Camera and Parent Unit come pre-paired.



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.

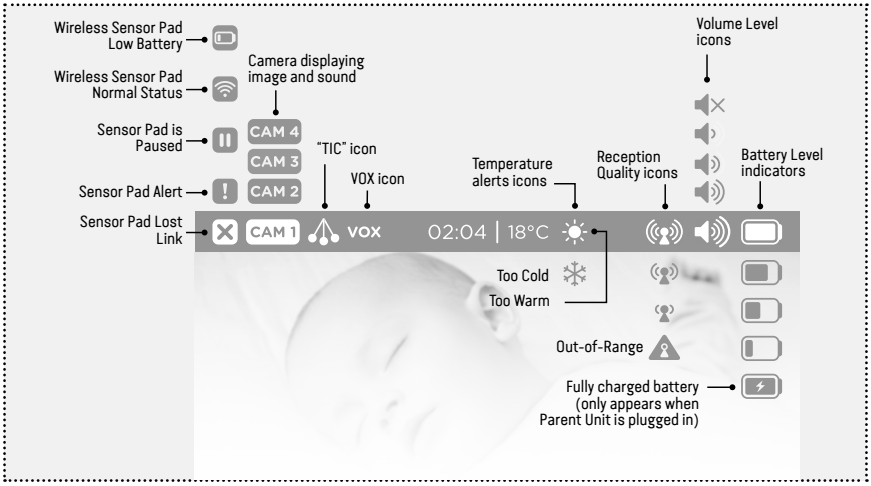
The Camera connection signal strength icon will appear in the status bar.



When Parent Unit is turned **ON** and Camera is **OFF** or if there is a lost connection between the two units after 15 seconds, Parent Unit will display **Out-of-Range** icon and the **Out-of-Range** alarm will sound on the Parent Unit (refer to **Troubleshooting** section):

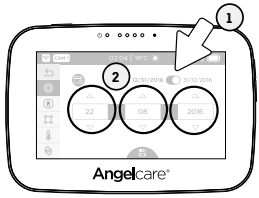
- The **Out-of-Range** icon will appear on the screen and on the info bar.
- The Parent Unit will beep 2 times every 10 seconds

INFO BAR IMPORTANT ICONS



4.3 - HOW TO SET THE DATE

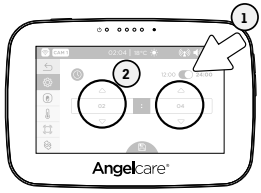
When activating the Parent Unit for the first time, you'll be asked to set the date and time in order to record data. If you choose to skip this step, you can always go back later by accessing the settings menu ⚙.



1) Tap the **Date Mode** toggle button to switch between Month/Day/Year and Day/Month/Year display.

2) Set the day, month and year using the **up/down arrows** △▽. Then tap the **Save** button to confirm your settings.

4.4 - HOW TO SET THE TIME



1) Tap the **Time Mode** toggle button to switch between 12 h and 24 h mode.

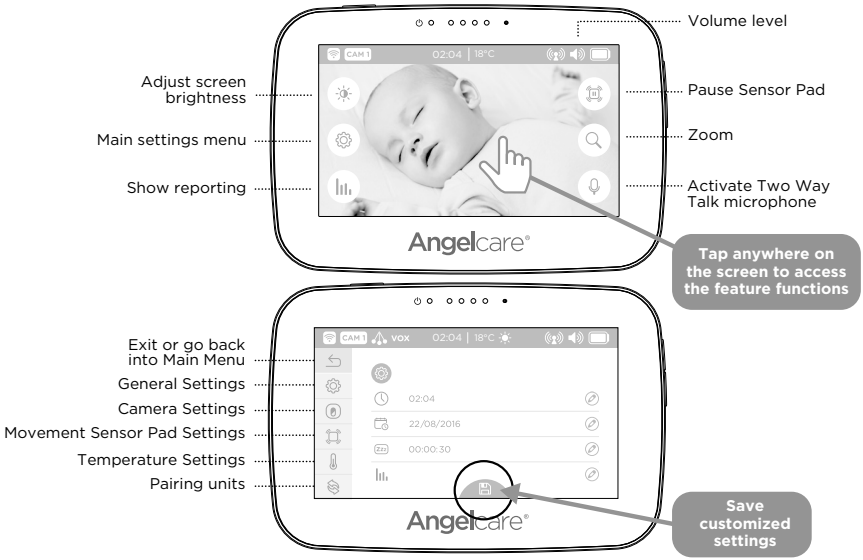
2) Set the hours and minutes using the **up/down arrows** △▽. Then tap the **Save** button to confirm your settings.

IMPORTANT
The Sensor Pad will be automatically **ACTIVATED** when the screen returns to video display view.

STEP 5 - GETTING TO KNOW YOUR MONITOR

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

IMPORTANT
To confirm your settings, you'll always need to tap the Save icon at the bottom of the screen (icon will turn blue if modifications needs to be saved).



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

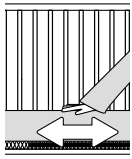
5.1 - SENSOR PAD

TO ACTIVATE/DEACTIVATE THE SENSOR PAD:

1) Tap the **Settings** icon ⚙ in the video display view.
2) Tap the **Sensor Pad** icon ⛶.
3) Tap the **Sensor Pad** toggle button to activate/ deactivate the Sensor Pad (when activated the toggle will turn blue). Then tap the **Save** button to confirm your settings.

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 will sound after 20 seconds.

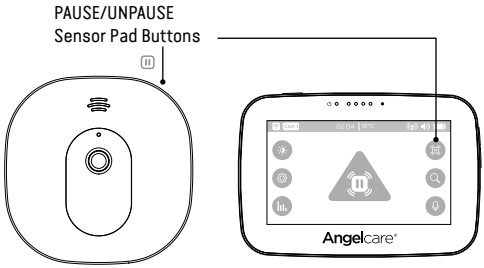
2) Rub you hand over the mattress and confirm the alarm stops.

MOVEMENT ALARM
- If NO movement is detected after 15 seconds you will hear a single 'TIC' pre-alarm sound from the Camera.
- If after a further 5 seconds there is still NO movement detected both the Parent Unit and Camera speakers will emit loud continous beeps - this is the movement alarm.
- Movement Alarm icon will show on the LCD screen.

IF THE ALARM DOES NOT SOUND
- Avoid contact with the cot while Sensor Pad is in operation.
- Place the cot near a supporting wall to reduce vibrations.
- Adjust the Sensor Pad sensitivity level.
- Turn **OFF** cot mobile, fans, loud music or anything else that may cause vibration.

PAUSING AND RESTARTING THE SENSOR PAD:

Allows you to pause the Sensor Pad if you remove baby from the cot, e.g. for feeding or comforting.



IMPORTANT
- If you do not pause the Sensor Pad, the alarm will sound if there is no movement after 20 seconds.
- Ensure to unpause the Sensor Pad before putting baby in the cot.

TO ACTIVATE/DEACTIVATE TIC FUNCTION:

1) Tap the **Settings** icon in the video display view.

2) Tap the **Sensor Pad** icon.

3) Tap the **Tic** toggle button to activate the function (the toggle button will turn blue). Then tap the **Save** button to confirm your settings.

TO ADJUST THE SENSOR PAD SENSITIVITY LEVEL:

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.

1) Tap the **Settings** icon in the video display view.
2) Tap the **Sensor Pad** icon .
3) Tap ⊖ or ⊕ to adjust the **Sensor Pad Sensitivity** level. Then tap the **Save** button to confirm your settings.

5.2 - SOUND

TO ADJUST/MUTE SOUND:

Press the **Volume up / Volume down** button to adjust the sound level.

To mute the sound level press the **Volume down** button until the mute symbol is displayed.

IMPORTANT
To avoid feedback (whistling), keep both units at least **3 metres** apart or reduce Parent Unit volume.

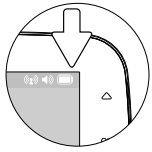
IF YOU HEAR NO SOUND:

- Check that both units are powered **ON**.
- Check that Parent Unit is not on **MUTE**.
- Bring the Parent Unit closer to the Camera.

5.3 - BATTERY

HOW TO CHECK THE BATTERY:

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



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

DEFAULT SETTINGS

Parent Unit Volume:	**Level 3 (of 4)**
Camera Speaker Volume:	**Level 3 (of 4)**
Movement Mode: **Sensor Pad Sensitivity:**	**ON** **Level 2 (of 4)**
"TIC" Function	**OFF**
Temperature Unit: **Temperature Alert:**	**Celsius** **OFF**
Camera Temperature Indicator:	**ON**
Camera Colour Changing Mode:	**OFF (White colour)**
Movement and Temperature Monitoring:	**ON**
Voice Activation (VOX):	**ON**
VOX Sensitivity:	**Level 2 (of 4)**
Screen Saver Timer:	**30 seconds**
LCD Brightness:	**Level 3 (of 5)**

STEP 6 - ACTIVATING AND DEACTIVATING ADDITIONAL FUNCTIONS

6.1 - TWO WAY TALK

Your Parent Unit is equipped with **Two Way Talk** to allow you to talk to baby without being in the nursery.

TO ACTIVATE TWO WAY TALK:

1) Tap and hold the **Microphone** icon to activate **Two Way Talk** (icon will expand and turn blue).

2) Release the **Microphone** icon to turn **OFF** the **Two Way Talk** function.

TO ADJUST THE CAMERA SPEAKER VOLUME:

1) Tap the **Settings** icon in the video display view.

2) Tap the **Camera** icon to select the Camera settings menu.

3) Tap ⊖ or ⊕ to adjust the **Two Way Talk** volume level. Then tap the **Save** button to confirm your setting.

6.2 - VOICE ACTIVATION (VOX) OR CONTINUOUS SOUND MODE

Allows you to select your option on how your monitor sound. Your monitor is preset to 'Sound Activated' (**VOX ON**). This means that it will transmit sounds only when it detects them, based on the setting of the sensitivity level. To save power, after 10 seconds, the sound transmission will stop if no sound is detected. Once sound is detected transmission will automatically activate. Or, you can switch to '**Continuous Sound**' (**VOX OFF**). The sound monitoring is continuously **ON**, picking up all sounds.

NOTE:
By deactivating **VOX**, Continuous Sound setting will turn **ON**.

TO ACTIVATE/DEACTIVATE VOX:

1) Tap the **Settings** icon ⚙ in the video display view.
2) Tap the **Camera** icon to select the **Camera** settings menu.
3) Tap the **VOX** toggle button to activate/deactivate the **VOX** function. Then tap the **Save** button to confirm your settings.

TO ADJUST THE SOUND SENSITIVITY (VOX):

1) Tap the **Settings** icon ⚙ in the video display view.
2) Tap the **Camera** icon to select the **Camera** settings menu.
3) Tap ⊖ or ⊕ to adjust the **VOX Sensitivity** level. Then tap the **Save** button to confirm your settings.

6.3 - ROOM TEMPERATURE DISPLAY

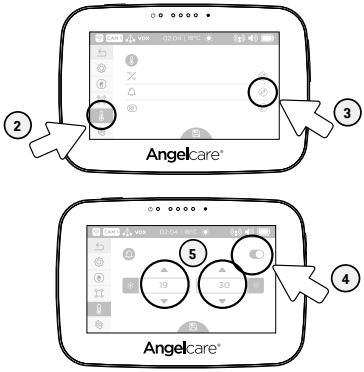
TO CHANGE FROM CELSIUS TO FAHRENHEIT :

1) Tap the **Settings** icon ⚙ in the video display view.
2) Tap the **Temperature** icon to enter the temperature settings menu.
3) Tap the **Edit** icon to enter the temperature unit setting.
4) Tap the **Temperature Unit** toggle button to switch between °**C** and °**F**. Then tap the **Save** button to confirm your settings.

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.

TO ACTIVATE/DEACTIVATE THE ROOM TEMPERATURE ALERT:



1) Tap the **Settings** icon in the video display view.

2) Tap the **Temperature** icon to enter the temperature settings menu.

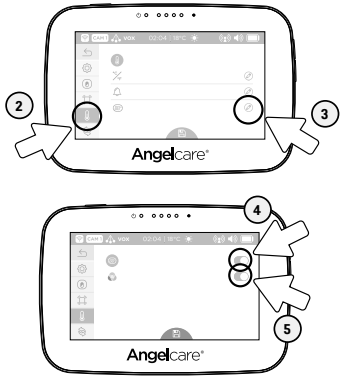
3) Tap the **Edit** icon to enter the temperature alarm setting menu.

4) Tap the **Temperature Alarm** toggle button to activate the alarm function (the toggle button will turn blue).

5) Set the lower and upper temperature limit tapping the **up/down arrows** △▽. Then tap the **Save** button to confirm your settings.

TO ACTIVATE/DEACTIVATE THE CAMERA TEMPERATURE DISPLAY AND COLOUR CHANGING MODE:

Allows you to set the LCD display on your Camera. You can completely turn OFF the display, or set the colour temperature colour display on the Camera. With this option the Camera digits light up in colour when the temperature goes above or below your preferences. The Camera's LCD will turn to red if temperature is too hot, blue if too cold and white if correct.



1) Tap the **Settings** icon in the video display view.

2) Tap the **Temperature** icon to enter the temperature settings menu.

3) Tap the **Edit** icon to enter the camera LCD display setting menu.

4) Tap the camera **LCD display** toggle button to activate/desactivate the LCD display on the camera.

5) Tap the **Colour Changing Mode** toggle button to activate the colour changing mode (the toggle button will turn blue). Then tap the **Save** button to confirm your settings.

6.4 - SCREEN SAVER

Allows you to set the screen saver.

1) Tap the **Settings** icon in the video display view.

2) Tap the **Edit** icon to access the screen saver settings menu.

3) Tap the **Screen Saver** toggle button to switch the screen saver **ON** or **OFF** (the toggle button will turn blue).

4) Tap to select between 30 seconds to 3 minutes. Then tap the **Save** button to confirm your settings.

MANUAL SETTING:

To manually activate the Screen Saver Mode, quickly press & release the Parent Unit **POWER ON/OFF** button.

NOTE:

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

6.5 - MOVEMENT AND TEMPERATURE MONITORING

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 ACTIVATE/DEACTIVATE MOVEMENT AND TEMPERATURE MONITORING:

IMPORTANT

In order to record movement and temperature data, ensure you have set the date and time in **STEPS 4.3** and **4.4**.

The graphing function is not available during the first 20 minutes of use as the system is collecting the first set of data that will be displayed. During this time, the graphing icon will not be operational.

1) Tap the **Settings** icon in the video display view.

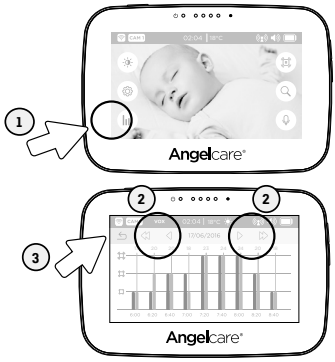
2) Tap the **Edit** icon to access the monitoring settings.

3) Tap the **Monitoring** toggle button to switch the monitoring function **ON/OFF** (the toggle button will turn blue when **ON**).

4) Tap the **Bin** icon to delete previously saved graph data. If no data has been saved yet, this option will not be available (this option will not be available until 20 minutes from activation of this function).

5) Tap the **Arrow Back** to cancel deleting of previously saved graph data. You will return to the previous screen.

NAVIGATING MOVEMENT AND TEMPERATURE REPORTS:



1) Tap the **Graphing** icon in the video display view.

2) In the movement and temperature reports, tap the arrows to navigate hour by hour or day by day.

3) Tap the **Arrow Back** to go back to the video display view.

MONITORING IMPORTANT BUTTONS AND ICONS

Navigation Icons:

Go to previous page | Go to next page | Go to previous day | Go to next day

Temperature indicator: The blue bar indicates the temperature in the room.

Sensor Pad Movement Levels: The red bar indicates the amount of movement from your Sensor Pad.

Low Movement 0-20 movements | Medium Movement 20-30 movements | High Movement Over 30 movements

Graphing Icons:

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

6.6 - LCD SCREEN BRIGHTNESS

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

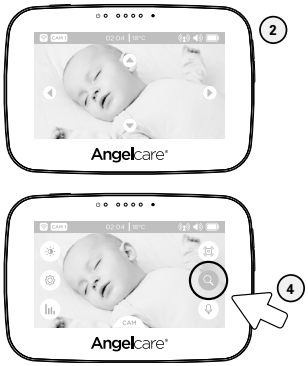
1) Tap ⊖ / ⊕ to decrease / increase the brightness level.

2) Tap again the **Brightness** icon to return to the Main Menu.

6.7 - DIGITAL PAN AND ZOOM

Allows you to zoom in to twice the normal view.

1) Tap the **Magnifier** icon to activate the zoom.



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

3) 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.

4) Tap on the blue **Magnifier** icon to return to normal viewing mode. Zoom is deactivated.

STEP 7 - ADDING ACCESSORIES

Your Angelcare monitor allows you to add additional Cameras. Please contact your local distributor to see what is available in your country.

IMPORTANT

- If you have a Sensor Pad connected to your Angelcare Monitor, it can ONLY be paired with Camera 1. The alarm on the Parent Unit will only sound if Camera 1 is selected or in split view. If another Camera is selected only the Camera 1 will sound the alarm.
- You will only be able to hear audio from one camera at a time. When in split screen, the sound transmitted from the Parent Unit will be from the Camera number highlighted in the info bar.

TROUBLESHOOTING

TAKING CARE OF YOUR RECHARGEABLE BATTERY

- Ensure that you fully charge your battery for 9 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**.

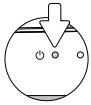
LOST OF CONNECTIVITY BETWEEN THE CAMERA AND PARENT UNIT

- If your Camera becomes un-paired from your Parent Unit, please follow the steps below to re-pair them.

1) Tap the **Settings** icon in the video display view.

2) Tap the **Pairing** icon to enter the device pairing menu.

3) Tap the **Trash can** icon to delete the paired Camera 1. If the **Trash can** icon appears, then tap the icon to pair the Camera 1.



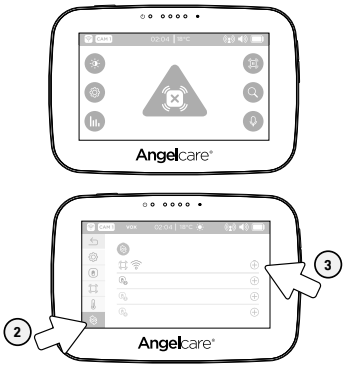
The Parent Unit Power Indicator will flash to indicate it's in linking mode.

4) Press and hold the **Pause / Pairing** button on the top right of the Camera for 2-3 seconds.

5) When the **Trash can** icon appears, the Camera is paired.

LOST OF CONNECTIVITY BETWEEN THE SENSOR PAD AND THE CAMERA

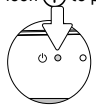
- If your Sensor Pad becomes un-paired from your Camera, please follow the steps below to re-pair them.



1) Tap the **Settings** icon in the video display view.

2) Tap the **Pairing** icon to enter the device pairing menu.

3) Tap **Trash can** icon to delete the paired Sensor Pad if the **Trash can** icon appears, then tap the icon to pair the Sensor Pad.



The Parent Unit Power Indicator will flash to indicate it's in linking mode.

4) Tap the icon to pair the Sensor Pad.

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

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 metres).
- 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.

FALSE ALARMS

- Turn **OFF** the Camera.
- Make sure there is no bedding between the mattress and the Sensor Pad.
- If the cot has a spring or slat base, place a hardboard between the cot base and the Sensor Pad measuring at least 33 cm x 33 cm x 6 mm in thick.
- Make sure the Sensor Pad is positioned as described under the setup requirements. Sensitivity may need to be adjusted. Refer to **STEP 5.1** for more informations.

ALARM WILL NOT SOUND

- Avoid contact with the cot when the monitor is **ON**.
- Place cot near a solid supporting wall to avoid Sensor Pad from detecting movement from outside the cot.
- You may need to decrease the sensitivity. Refer to **STEP 5.1** for more informations.

THE PARENT UNIT DOESN'T SHOW MOVEMENT AND TEMPERATURE REPORTS

- Make sure the time and date is set up. Refers to **STEP 4.3** & **4.4**.
- Make sure the movement and temperature reports is activated. Refers to **STEP 6.5**.

CUSTOMER CARE - LIMITED WARRANTY

Angelcare® warrants to the original owner of this product that Angelcare® monitor is free from any material and workmanship defects for the term of the warranty period (see warranty table below to determine the warranty for your country). If this monitoring system fails to function properly when used as directed under normal conditions and during the warranty period, Angelcare® will either repair or replace the product, at our discretion, free of charge. Please contact your local distributor to validate warranty and warranty period.

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.

WARRANTY TERM PER COUNTRY	
North America	1 year
UK, South Africa, Russia	1 year
Other countries	2 years

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.

We, at Angelcare®, stand behind all of our products. If you are not completely satisfied or have any questions, please contact your distributor before returning this product:

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

Other countries:
Find your local distributor by visiting our website: international.angelcarebaby.com.

TECHNICAL SPECIFICATIONS

Range:
Open field (Open area without obstructions):
up to 250 metres.

Number of Channels:
USA/Canada: 24 channels.
Europe: 24 channels.

Power Supply:
1 included Li-Ion battery (Parent Unit)
100 - 240 VAC / 5 VDC adaptor for the Parent Unit
100 - 240 VAC / 5 VDC adaptor for the Camera

1 included CR3032 3V battery (wireless Sensor Pad)

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 manufatured 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. Keep all batteries away from children.

Batteries:
- **CAUTION:** RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE

Transmission:
Transmission between the Parent Unit and the Camera is made on 2.4 GHz frequency for Europe/Asia/Africa/Australia.

Transmission between the Camera and the Sensor Pad is made on 2.4 GHz frequency for Europe/Asia/Africa/Australia

Maximum RF Power Transmitted:
- 20dBm (100mW) between Camera and Parent Unit
- 20dBm (100mW) between Camera and Sensor Pad

Hereby, Angelcare Monitors Inc., declares that this Baby Monitor is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: **https://international.angelcarebaby.com/declaration-of-conformity**

ErP Compliance
USE ONLY THE FOLLOWING ANGELCARE® BRAND POWER SUPPLY MODEL NUMBERS:
EU (INCLUDIG GERMANY) – MODEL NUMBER: K05S050100G
UK – MODEL NUMBER: K05S050100B

PROTECT THE ENVIRONMENT

The wheelie bin symbols mean that according to local laws and regulations your product and/or its battery shall be disposed of separately from household waste. When the product/battery reaches its end of life take it to a collection point designated by local authorities. The seperate disposal and recycling will help conserve natural resources and protect human health and the environment. Refer to User's Guide for removal of batteries.

See product for compliance marks specific to this device.

Angelcare

EC DECLARATION OF CONFORMITY CE

Issue Date: January 29, 2018

Device (s): Angelcare Model numbers as listed below

Description: Baby Monitors as described in Device list below

Manufacturer: Angelcare Monitors Inc
201 boul. De L'industrie Local 104
Canidac, QC J5R 6A6 Canada

We declare under our own responsibility that the products herein are in accordance with the essential requirements of the relevant Union harmonization legislation –

The Radio Equipment Directive (RED) 2014/53/EU.

Relevant Harmonized standards used:

Article 3.1(a) – Health & Safety

EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

EN 62479:2010

EN 50566:2013

EN 62311:2008

Article 3.1(b) - EMC

Draft ETSI EN 301 489-1 V2.2.0

Draft ETSI EN 301 489-17 V3.2.0

Article 3.2 – Radio

ETSI EN 300 328 V2.1.1

Device List –

Model No. AC417 - Baby Movement Monitor with 4.3" Touchscreen Display and Wireless Sensor Pad

Model No. AC310 – Baby Video Monitor with 4.3" Touch Control Display

Model No. AC315 - Baby Movement Monitor with 4.3" Touch Control Display and Wired Sensor Pad

Model No. AC510 - Baby Video Monitor with 5" Touchscreen Display

Model No. AC517 - Baby Movement Monitor with 5" Touchscreen Display and Wireless Sensor Pad

Authorized Signature:

Roxane Popoviciu, VP Marketing Europe, Angelcare Monitors Inc.

www.angelcarebaby.com

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