

OWNER'S MANUAL

VIDEO, MOVEMENT & SOUND MONITOR

Model AC417

AC517

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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.



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

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RF radiation exposure statement

The Nursery Unit 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 Nursery Unit 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 Nursery Unit.
- **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 Nursery Unit 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.

A BATTERY WARNING

14. Danger of explosion if batteries are incorrectly replaced. The Parent Unit battery is a replaceable Li-lon battery. Only use the Angelcare recommended replacement battery. In both units, DO NOT mix old and new batteries. DO NOT mix alkaline, standard or rechargeable batteries. Insert batteries with correct polarity. DO NOT short-circuit supply terminals. ONLY use the recommended batteries or equivalent (volts and size) and the correct adapter. Remove batteries in both units when product is stored for long periods of time or when batteries are exhausted. Dispose exhausted batteries properly. 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 Nursery Unit 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 casing 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 Nursery Unit 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 Nursery Unit, 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 Nursery Unit. 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.

FCC 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.

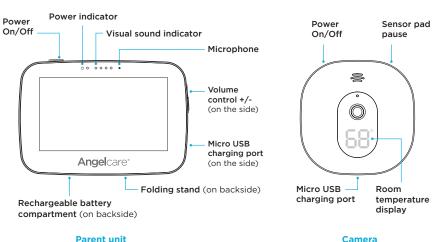
17.3 However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference 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:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Operating elements



Parent unit

Delivery content



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)



Wall mount (for camera) with hardware



(for camera adapter)

* Always place printed side up *



Wireless movement sensor

Adhesive strips

(for flat micro USB cable)

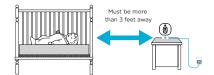
Camera Setup

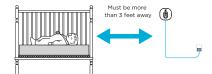
The camera can be hung on a wall or placed on a flat, stable surface. Consider you will need a suitable wall outlet within reach, be mindful the camera and cord should always be more than 3 feet away from children.



⚠ WARNING

Strangulation Hazard: Children have been STRANGLED by cords. Keep cords out of the reach of children (more than 3 feet away).

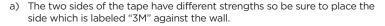


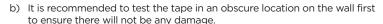


Adhesive strips

Six strips of double-sided adhesive tape have been included for use when wall-mounting the camera.

These strips are intended to keep the USB cable neatly in place along the wall from the camera to the AC adapter.











Note:

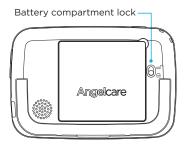
Each time you power on your camera, the internal thermometer will need to calibrate to ensure accuracy. This automatic process will take approximately 30 minutes. The color changing temperature display, by default, will be turned "off." You may turn this feature "on" in the settings mode on your parent unit.





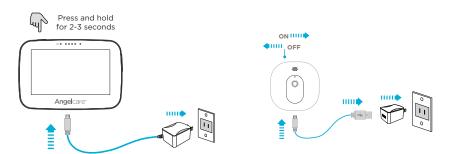
Charging the Parent Unit

- Prior to the first use, we recommend that you charge the parent unit for 8 hours.
- 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.
- To turn the parent unit On/Off, press and hold the power button for 2 3 seconds.



Powering the Camera

Your camera and parent unit come pre-paired, so you should see video within 3 - 4 seconds of turning on the units. The camera connection signal strength icon will appear in the status bar.





Navigating the Parent Unit

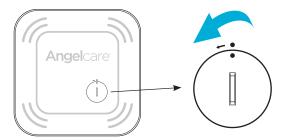
In the top section of your screen you will see a blue bar with all of the necessary information concerning the status of units, alerts, temperature, and your chosen settings.



Positioning 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.
- Place the CR3032 battery into position and replace the battery cover, making sure to lock correctly. The sensor pad is now ON.



- 3. Position the sensor pad, **printed side up**, under the mattress in center of the crib.
- 4. Ensure your sensor pad is connected by rubbing your hand on the mattress. Verify the wireless sensor pad icon is on the status bar of your parent unit.

Note: To "pause" the alarm refer to the next page.

Note:

- If the bottom of the crib is not a solid, stable surface you will need to place a hard support board (not included) underneath the sensor pad to ensure correct operation of the system.
- 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.
- The sensor pad is designed to work with all regulatory standard mattresses.
 It is not compatible with hollow core mattresses or mattresses containing memory foam that comes in contact with the sensor pad.



Never immerse the sensor pad in water or other liquids!



⚠ WARNING

Strangulation Hazard: Children have been STRANGLED by cords.

 Because of the serious strangulation risk to infants and toddlers, parents and caregivers should never place the camera within 3 feet (0.9 m) of a crib.

Adjusting the Sensitivity of the Sensor Pad

- 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.



Pausing/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 pressing OK and then navigate to the pause sensor to activate / deactivate 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.
- If you do not pause the sensor pad, the alarm will sound if there is no movement after 20 seconds.



Movement Monitoring

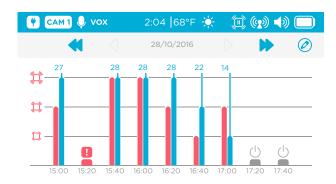


Angelcare monitors are designed to sense baby's slightest movements and sound an alarm if no movement is detected after 20 seconds. This monitor is also equipped with "Activity Analytics" which track, record and report on baby's bigger movements (like restlessness, rollovers and kicks).

The monitor records data every ten seconds, and if one or more "big movements" is detected, the system records your baby as being "active" during that time period.

Three times every hour, the system compiles the collected data and a "movement activity report" can be viewed on the parent unit.

Activity analytics 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.



Additional Information

Product Registration

Registering your Angelcare monitor allows us to send you important product and safety updates. To register your product online, please visit: www.angelcarebaby.com/product-registration

Customer Support

To obtain a full user guide, please visit: www.angelcarebaby.com/customer-support/manuals
For additional customer support, please contact us at: Email: angelcare@cdecinc.ca Phone: 1-877-281-8827

1 Year Limited Warranty - visit **www.angelcarebaby.com**, call us at the number above, or write us at the address below for a copy of the complete warranty statement. Please keep this quick start guide for future reference.

Angelcare Monitors Inc., 201 Boulevard de l'Industrie, Local 104, Candiac, Quebec, J5R 6A6 Canada. Designed in Canada. Made in China.

While Angelcare intends to provide peace of mind to our consumers, monitoring of a premature baby or babies considered to be at risk should be carried out only under the supervision of a doctor or health care professional. This product is not intended to diagnose, treat, mitigate, cure or prevent any disease or condition. This monitor should NOT be used to prevent Sudden Infant Death Syndrome (SIDS).

Vibration Source - When the monitor is in use, DO NOT use a crib mobile or other crib accessories that may produce vibration. Other sources of vibration 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.

The Angelcare sensor pad feature is not designed for use with adults, children or infants over 24 months. This product is intended to be used only for parental reassurance to monitor your baby's movements.

TROUBLESHOOTING

TAKING CARE OF YOUR RECHARGEABLE BATTERIES

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

FALSE ALARMS

- · Turn OFF the Nursery Unit.
- · Verify the connection between the Sensor Pad and the Nursery Unit. Unplug and reconnect the cord.
- · 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 (model ACI300) is free from any material and workmanship defects, for a period of two (2) years from the date of the original purchase. If this monitoring system fails to function properly when used as directed under normal conditions within the two years 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 250 meters.

Number of Channels:

USA/Canada: 24 channels. Europe: 64 channels.

Power Supply:

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

1 included rechargeable Li-ion battery and 100 - 240 VAC / 5 VDC adapter for the parent unit.

Caution: To reduce the risk of electric shock, do not expose this product to rain or moisture.

Danger of explosion if batteries are incorrectly replaced. The battery included for the Parent Unit is a user replaceable Li-ion rechargeable battery, manufactured by SPRINGPOWER TECHNOLOGY (SHENZHEN) COMPANY LIMITED. 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 Nursery Unit is made on the 2.4GHz 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

