

Angelcare®

Movement Sensor with Sound Monitor	2
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Sensor de movimientos con monitor de sonidos	25



AC601

OWNER'S MANUAL
Keep for future reference

MANUEL DE L'UTILISATEUR
À garder pour référence ultérieure

MANUAL DEL PROPIETARIO
Guarde para uso futuro

⚠ WARNING

Failure to follow these warnings and the assembly instructions could result in serious injury or death.

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. Always be sure that both the transmitter and receiver are working properly and are within range of each other.

- **STRANGULATION HAZARD.** Keep the adapter cords out of the reach of children. Do not use with extension cords.
- **DO NOT** place the Nursery Unit or its cord within your child's reach. Do not put the Nursery Unit inside a crib or playard.
- Use **ONLY** with 110-120 volt AC electrical outlets.
- Protect the AC adapter cords. Place them so they are not walked on or pinched by furniture or other items.
- Allow for proper ventilation when units are in use. Do not cover the Nursery Unit or 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.

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.

- **DO NOT immerse any part of the Nursery Unit or Parent Unit in water. Clean only with a dry cloth.**
- **DO NOT** place unit near water and moisture. Do not use the Nursery Unit outdoors. Do not use the Nursery Unit near possible wet areas, such as a bathtub, shower, wash basin, sink, laundry tub, swimming pool, wet basement, etc.
- Keep Nursery Unit away from heat sources, such as fireplaces, radiators, stoves, and TVs or other appliances. Heat can damage the case or electrical parts.

WARNING: This product is not a toy.

- Do not use the Nursery Unit if:
- The adapter cords or plugs have been damaged.
- The unit has been exposed to liquids.
- Unit has been dropped or is damaged.

• DO NOT OPEN THE NURSERY UNIT, PARENT UNIT OR ADAPTERS.

No user-serviceable parts inside. Risk of electrical shock, fire or death.

- The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm (7.9") from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

DO NOT use these adapters with any other equipment. Use only with the provided adapters.

- When unplugging the AC 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.
- Always place both the Nursery Unit and Parents' Unit on a flat surface in an upright position and allow for proper ventilation.
- Avoid damage to the Sensor Pad cord and to the adapter cords. Route cords so that they are not likely to be walked on or pinched by items placed on or against them.
- Route sensor pad cord only below crib mattress and out of reach of children.
- Use **ONLY** AAA (LR03) batteries (included) and/or the AC adapters provided for the Parents' Units.
- During long periods of non-use remove all batteries from their compartments and unplug the AC adapters.
- This monitor uses public airwaves to transmit signals. The Parents' 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.

- This monitor is perfectly safe. The Sensor Pad and its cord are entirely passive. They carry no electrical current and do not radiate any form of energy. The Nursery Unit emits only very low power radio signals through its antenna. These signals do not present a safety hazard.

- 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 turquoise side facing up. The sensitivity level may also need to be adjusted. Refer to the Movement Sensitivity Adjustment section on Page 7.

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

- Your monitor can be used in any crib that is stationary and designed to safely hold a baby. If your crib has a spring or slat base you will need to place a piece of Masonite board under the Sensor Pad. This support must be at least 13 inches long on all four sides and 1/4 inch 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.

- **CLEANING.** Disconnect all units before cleaning. DO NOT immerse in water. Use a dry cloth to keep monitor free from dust. DO NOT spray with cleaning products or solvents. Wipe sensor pad with a cloth moistened very slightly with an antiseptic or mild detergent.

⚠ WARNING

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

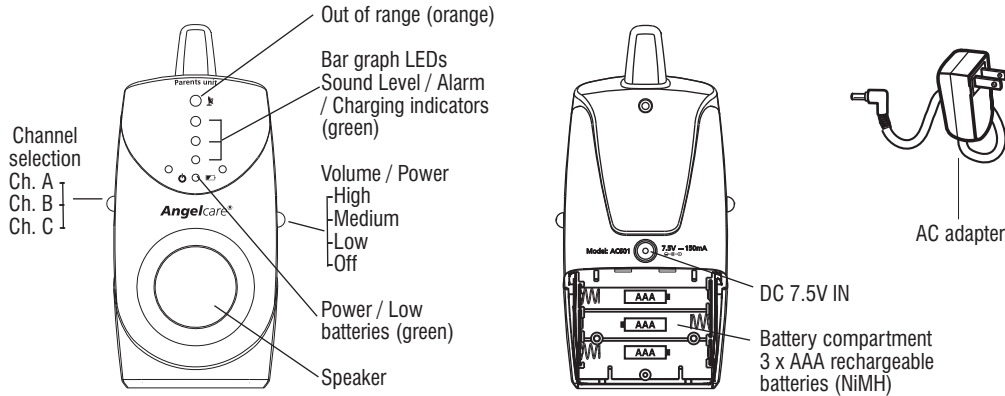
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one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

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

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

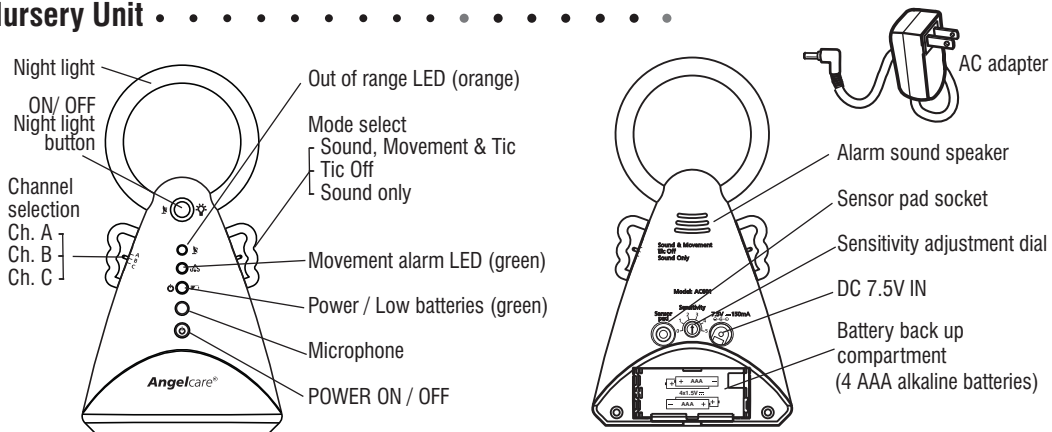
Features Parent Unit



Installing Batteries in Parents Unit

- The Parents Unit requires three AAA rechargeable NiMH batteries (included).
- To insert batteries, remove the battery cover on the back of the unit and insert the batteries matching positive (+) to positive (+) and negative (-) to negative (-) and replace the battery cover.
- Leave the AC adapter plugged to the Parents Unit for 15 continuous hours before using your monitor to fully charge rechargeable batteries.)
- Recharge the batteries when the Low Battery Indicator flashes and turns orange instead of green by plugging in the AC adapter.
- The AC adapter can also be used as an alternative operation power source.
- **IMPORTANT:** Use only the AC adapters included with your monitor. Do not use these adapters with any other equipment.

Nursery Unit



Installing Batteries in Nursery Unit

- The Nursery Unit requires four AAA alkaline batteries in case of AC power failure (included).
- To insert batteries, remove the battery cover on the bottom of the unit and insert the batteries matching positive (+) to positive (+) and negative (-) to negative (-) and replace the battery cover.
- Insert the AC adapter into the Nursery Unit and plug the adapter into an electrical outlet. Unit will run off of the AC adapter unless there is a power outage, in which case the unit will begin using the batteries.
- Replace the batteries when the Low Battery Indicator flashes. If the batteries are not replaced, the monitor will stop working.
- **IMPORTANT:** Use only the AC adapters included with your monitor. Do not use these adapters with any other equipment.

Setting Up Your Monitor

SENSOR PAD (See figs. 1 and 2)

Place the Sensor Pad under the center of the crib mattress with the colored side facing up. Do not place any loose bedding or linen between the crib mattress and the Sensor Pad. The Sensor Pad must rest on a flat, firm surface. If your crib has a spring or slat base, place a piece of Masonite board under the Sensor Pad. This support must measure at least 13 inches long on all four sides and 1/4 inch thick. If your crib has a plywood base, your mattress support is firm enough to use the monitor properly. Only use your Angelcare® monitor in a stationary sleeping environment such as a crib where the Sensor Pad can rest on a flat, firm surface. Be sure to place the colored side of the Sensor Pad facing up. Now plug the Sensor Pad cord into the jack on the back of the Nursery Unit marked "Sensor Pad". Turn the Nursery Unit on using the switch on the left. The green Power Indicator will light up. NOTE : The Sensor Pad works with all baby bed sizes and all mattresses, except memory foam mattresses or mattresses with a hollow frame. You will need to test your Sensor Pad after the set-up is completed.

CAUTION: To avoid potential strangulation accidents resulting from loose cords or wires in the crib, make sure the Sensor Pad cord passes underneath the mattress entirely. After positioning the Sensor Pad under the mattress, bring the cord to the corner of the crib and secure it to the top and bottom of the leg of the crib, or wind it around the leg (see fig. 1).

Figure 1

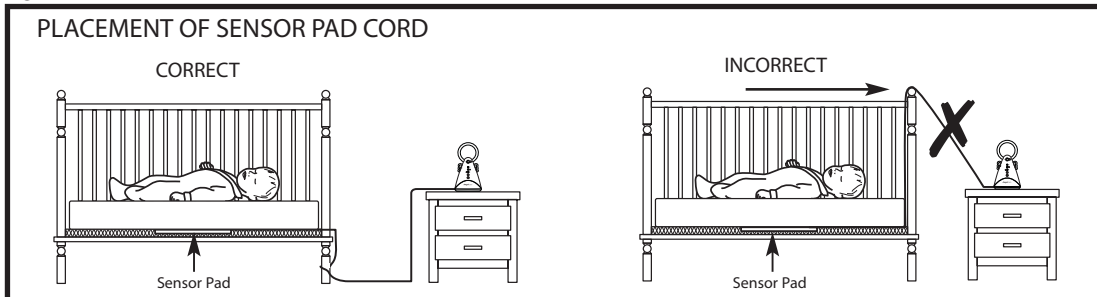
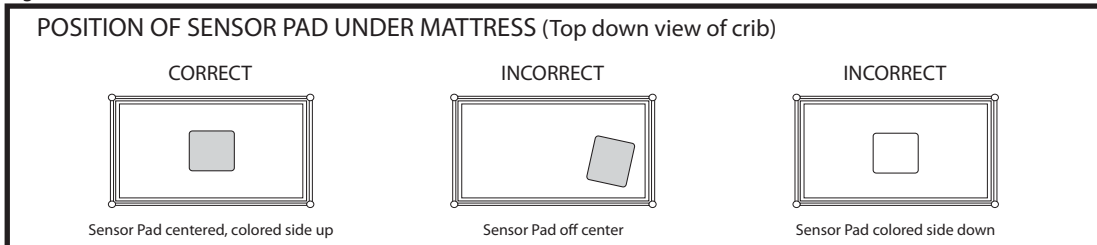


Figure 2



SELECT YOUR DETECTION MODE

On the right of the Nursery Unit select one of the following three functions by moving the wing upwards or downwards:

- **Sound / Movement:** You will be able to hear your baby's sounds and see sound lights. Your baby's movements are monitored. If no movement is detected after 20 seconds, the alarm will sound.
- **Tic Off:** In this mode you will hear a "Tic" with every movement your baby makes. You will still hear your baby's sounds and see sound lights, and your baby's movement is still being detected. If no movement is detected, the "Tic" will stop and after 20 seconds the alarm will sound.
- **Sound Only:** The Movement Sensor is disabled but you will still be able to hear your baby's sounds and see sound lights. Your Angelcare® works like a regular sound monitor when set to "Sound Only".

Testing Your Monitor

Always test your monitor before using it the first time and then on a periodic basis. Before testing your monitor, complete the setup process as described above.

TESTING THE MOVEMENT FUNCTION

Note: Make Sure your Sensor Pad is set up before proceeding with this section. If you haven't set up your Sensor Pad please go to page 5 for instructions on how to properly set up the Sensor Pad.

Make sure the Sensor Pad's cord is plugged into the Nursery Unit. **Switch the Nursery Unit to the "Sound / Movement" function.** Turn the Parents Unit ON and select either channel A, B or C. Make sure it is set to the same channel as the Nursery Unit. The green power indicator light will light up. Gently pat your hand on the mattress. The green Movement Indicator light on the Nursery Unit will flash continuously.

Remove your hand from the mattress. Due to the lack of movement, the Movement Indicator light will stop flashing, and a pre-alarm beep will sound after 15 seconds. Five seconds later the alarm will sound, the green Alarm Indicator Light on the Nursery Unit will flash continuously and the green lights on the Parents Unit will also flash continuously.

IMPORTANT: If the alarm does not sound when you are not touching the mattress, the Sensor Pad may be detecting a continuous vibration from another source from inside and/or outside your baby's room. Common sources of this interference are crib mobiles, fans, washing machines or even loud music. Therefore, it is very important to make sure all vibration sources are eliminated before using the monitor.

Place the crib near a solid supporting wall and away from strong air currents. Do not use crib mobiles or accessories that may cause vibrations. Avoid contact with the crib when the monitor is in use. If you find the alarm will still not sound when you are not touching the mattress or crib, the monitor is on, and you have removed all external sources of vibration, the sensitivity level may need to be decreased (Refer to the movement sensitivity adjustment section on page 7).

Test the stopping of the alarm: to stop the alarm, place your hand lightly on the mattress so that the Sensor Pad starts detecting movement again. You may also shut the Nursery Unit OFF to stop the alarm.

TESTING THE "TIC" FUNCTION

Make sure the Sensor Pad's cord is plugged into the Nursery Unit. **Switch the Nursery Unit to the "Sound / Movement" function.** Turn the Parents Unit ON and select either channel A, B or C. Make sure it is set to the same channel as the Nursery Unit. The green power indicator light will light up. Gently pat your hand on the mattress. The green Movement Indicator light on the Nursery Unit will flash and you will hear the Tic sound with every movement.

Remove your hand from the mattress. Due to the lack of movement, the ticking will stop, the Movement Indicator light will stop flashing and a pre-alarm beep will sound after 15 seconds. Five seconds later the alarm will sound, the green alarm indicator light on the Nursery Unit will flash continuousl and the green lights on the Parents Unit will also flash continuously. To test the sound function, please refer to the Sound Only section below.

The "Tic" sound will be heard when the Sound & Movement option is chosen. If you do not wish to hear the "tic", select "tic off" on the right wing of the Nursery Unit.

TESTING THE SOUND FUNCTION

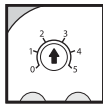
Switch the Nursery Unit to "Sound Only". Turn the Parents Unit ON and select either channel A, B or C. Make sure it is set to the same channel as the Nursery Unit. The green power indicator LED will light up. Choose the channel that gives you the best reception.

Test the sound: have someone else speak into the Nursery Unit or place a radio near the Nursery Unit. You should hear sound from the Parents Unit. If there is no sound, refer to the Troubleshooting section. Adjust the volume to the desired level using the slide button on the right of the Parents Unit.

TESTING THE BATTERY POWER

Verify that the units are operating on battery power by installing 3 AAA NiHM rechargeable batteries (included) in the Parents Unit and 4 regular AAA batteries (included) in the Nursery Unit and unplugging the AC adapters. The green Power Indicator should light up on all units.

Movement Sensitivity adjustment • • • • •



Movement Sensitivity Adjustment

The movement sensitivity adjustment dial has been preset to a level which will suit most situations. The highest sensitivity level is 5 (most sensitive) and the lowest sensitivity level is 1 (least sensitive).

You may get false alarms if your baby is in a very deep sleep or has moved to the edge of the crib. If you get false alarms due to these circumstances, you should increase the sensitivity level by using the sensitivity dial on the back of the Nursery Unit.

NOTE: Adjust the sensitivity level if you receive false alarms and you have followed the advice in the Troubleshooting section for false alarms. Make a note of the position of the sensitivity dial before you change it should you wish to return to that setting.

To increase the sensitivity level, start by increasing it by half a level. For example, if the level is currently at 2.5, increase it to 3. Use the monitor as you normally would. If you still experience false alarms, increase it by another half level. If you are still experiencing false alarms when you have reached level 5, please consult our customer service link on our website at www.angelcare-monitor.com

Because the Sensor Pad may detect movement from many sources from both inside and outside your baby's room, be sure all vibration sources are eliminated before changing the movement sensitivity level. Check to see if the Sensor Pad is resting on a flat, firm surface. Place the crib near a solid supporting wall and away from strong air currents. Do not use crib mobiles or accessories that may cause vibrations. Avoid contact with the crib when monitor is in use.

To make sure you have avoided all external sources of vibration, take your baby out of the crib while the monitor is on. If the alarm does not sound after you take your baby out of the crib, the sensitivity level may need to be decreased. To decrease the sensitivity level, adjust by half a level by going from 2.5 to 2. If you are still experiencing this problem when the level is set to 1, please consult our customer service link on our website at www.angelcare-monitor.com

Special features

Out of range indicator

Your monitor is equipped with an optional “Out of range” indicator function, which will advise you when the two units are not communicating with each other. Out of range situations can be caused by distance or by physical interferences.

Range: up to 820 ft (250 meters).

To activate this function, press and hold the night light button on the Nursery Unit for 2 seconds.

IMPORTANT: if you turn the Nursery Unit off, you will have to reactivate this option when you turn it on again.

When the units are out of range, you will hear a DOUBLE BEEP every 8 seconds and the “out of range” icon will flash on the parents unit.

The orange lights next to the out of range icons on both unit will turn orange to remind you that the function has been activated.

Sound Lights

The Parents Unit features Sound Lights so you can “see” your baby’s sounds if background noise prevents you from hearing your baby. As the sounds get louder, more lights illuminate.

Movement Indicator light

The Movement Indicator Light is located only on the Nursery Unit. When the Nursery Unit is set to “Tic Off”, the Movement Indicator Light will flash green with your baby’s every movement. The flashing green light will let you know that movement is being detected. This will allow you to check on your sleeping baby in the dark without disturbing.



Night light

The halo on the Nursery Unit acts as a soothing nightlight and allows you to check your baby in the dark with minimal disruption. Press the halo button to turn the night light ON.

Tips For Using Your Monitor • • • • • • • •

- 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. Be sure all vibration sources are eliminated before using the monitor.
- There are several reasons you may experience false alarms. 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, hard surface with the blue side facing up. The sensitivity level may also need to be adjusted. Refer to the Movement Sensitivity Adjustment section.
- Your monitor can be used in any crib that is stationary and designed to safely hold a baby. If your crib has a spring or slat base you will need to place a piece of Masonite board under the pad. This support must be at least 13 inches long on all four sides and 1/4 inch thick. Only use your Angelcare® monitor in a stationary sleeping environment such as a crib where the Sensor Pad can rest on a hard, flat surface.
- Please note the difference between the Low Battery Indicator and the Alarm Indicator on the Nursery Unit. The low battery indicator is a rapid ticking sound and the green low battery indicator light slowly flashes. The Alarm Indicator is a loud beeping sound and the green alarm indicator light flashes rapidly.
- When unplugging the AC adapter from each unit, be sure the unit is switched to the off position. If it isn't, the unit will revert to battery mode if batteries are installed.
- You can use rechargeable batteries, however, a rechargeable battery cannot be recharged by plugging in the AC adapter. Remove batteries from the unit to recharge.
- The range of this monitor is approximately 820 feet (250 meters). However, the range will vary depending on the surroundings. Test the range before use.

Troubleshooting

Problem	Possible Cause	Solution
False alarms	<ul style="list-style-type: none"> Baby was removed from the crib and the Nursery Unit was not switched off. The Sensor Pad is not detecting your baby's movements because the sensitivity level is too low. Sensor Pad is not in full contact with the crib mattress or is not resting on a flat, firm surface. Baby has moved far away from the Sensor Pad. Sensor Pad cord is not connected properly to the Nursery Unit. 	<ul style="list-style-type: none"> Turn the Nursery Unit off. The sensitivity level may need to be increased. Refer to the Movement Sensitivity Adjustment section on Page 7. Make sure there is no thick bedding between the mattress and the Sensor Pad. The Sensor Pad must rest on a firm surface. If the crib has a spring or slat base, place a piece of Masonite board measuring at least 13" (33cm) on all four sides and 1/4" (0.64cm) thick. Refer to the Movement Sensitivity Adjustment section on Page 7. Unplug and reconnect the cord.
Alarm will not sound	<ul style="list-style-type: none"> Nursery Unit is detecting movement when crib is being touched. Nursery Unit is detecting movement from outside the crib such as motorized devices, strong drafts, etc. Sensor Pad sensitivity level is set too high. 	<ul style="list-style-type: none"> Avoid contact with the crib when monitor is on. Place crib near a solid supporting wall to avoid Sensor Pad from detecting movement from outside the crib. Turn off crib mobile, fans, loud music or anything else that may cause vibrations. You may need to decrease the sensitivity. Refer to the Movement Sensitivity Adjustment section on Page 7.
No sound is being transmitted.	<ul style="list-style-type: none"> Parents and Nursery Units are too far apart. Batteries are low or improperly installed. AC adapters are not connected properly or electrical outlet is out of order. One of the units is not on. Units are set to different channels. Volume level is too low 	<ul style="list-style-type: none"> Bring the Parents Unit closer to Nursery Unit. Check or replace batteries. Check connections or change to another electrical outlet. Make sure both units are on. Make sure both units are on the same channel, either on A, B or C. Increase volume level.
Power Indicator (green light) does not light up.	<ul style="list-style-type: none"> Batteries are low or improperly installed. AC adapters are not connected properly or electrical outlet is out of order. One of the units is not on. 	<ul style="list-style-type: none"> Check or replace batteries. Check connections or change to another electrical outlet. Make sure both units are on the same channel, either on A, B or C.
Very weak reception.	<ul style="list-style-type: none"> Parents Unit and Nursery Unit are too far apart. One or both units are placed near a large metal mass. One or both units are not in the upright position. Batteries are low. 	<ul style="list-style-type: none"> Bring the Parents Unit closer to Nursery Unit. Change the position of one or both units. Place units on flat surface away from baby's reach. Check or replace batteries.

Problem	Possible Cause	Solution
There is static, distortion, interference, etc	<ul style="list-style-type: none"> Parents Unit and Nursery Unit are too far apart. Units are not set to the same channel. One of the units is not on. The Parents Unit is located near motorized devices, fluorescent lights, television, etc. 	<ul style="list-style-type: none"> Bring the Parents Unit closer to Nursery Unit. Make sure both units are on the same channel, either on A, B or C. Make sure both units are on. Rotate Parents' Unit or move it away from source of interference.
There is feedback (squealing noises).	<ul style="list-style-type: none"> Units are too close to each other. The volume is too high. 	<ul style="list-style-type: none"> Move units farther apart (at least 10 feet apart). Decrease volume on Parents Unit.

Limited Warranty

Angelcare® warrants to the original owner of this product that this Angelcare® monitor (model AC601) 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.

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 Angelcare before returning this product.

Replacement Parts and Warranty Information (USA & Canada only)

www.angelcare-monitor.com

angelcare@cdecinc.ca

1-877-281-8827



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).

