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UNITED STATES toll free

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800-627-2799

(Mon-Fri, 9am-1pm PST)

USA Exchange & Repairs

562-777-2551

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See <http://www.worldtimeserver.com> for information on different time zones and the time in Melbourne Australia compare to your local time.

**Warranty Information**

Swann Communications warrants this product against defects in workmanship and material for a period of one (1) year from its original purchase date. You must present your receipt as proof of date of purchase for warranty validation. Any unit which proves defective during the stated period will be repaired without charge for parts or labour or replaced at the sole discretion of Swann. The repair or replacement will be warranted for either ninety days or the remainder of the original one year warranty period, whichever is longer. The end user is responsible for all freight charges incurred to send the product to Swann's repair centres. The end user is responsible for all shipping costs incurred when shipping from and to any country other than the country of origin. The warranty does not cover any incidental, accidental or consequential damages arising from the use of or the inability to use this product. Any costs associated with the fitting or removal of this product by a tradesman or other person or any other costs associated with its use are the responsibility of the end user. This warranty applies to the original purchaser of the product only and is not transferrable to any third party.

Unauthorised end user or third party modifications to any component or evidence of misuse or abuse of the device will render all warranties void.



[www.swannsecurity.com](http://www.swannsecurity.com)



# Guardian Angel Handheld Baby Monitoring Kit



**Swann** Helpdesk  
Has the answers



**If this device does not work when you first plug it in, do not take it back to the store.**

- ✓ Contact the Swann Helpdesk using our fast e-mail service [tech@swann.com.au](mailto:tech@swann.com.au) or call us on one of the Toll-Free numbers shown on the back cover of this booklet.
- ✓ Most problems can be quickly and easily fixed with a simple e-mail or a quick chat with one of our friendly technical staff. (Toll-Free available in the US and Australia only)

**Note:** Wireless Networks (WiFi) may interfere with and/or experience interference caused by the transmitter in this unit. Changing the receiver to another channel/frequency or setting the Wireless Network (i.e. Wireless Access Point) to a frequency further away from the camera's set frequency can alleviate this problem. Consult the documentation of your Wireless LAN device for information on how to change the transmission frequency. These camera and receiver work on 4 frequencies, Ch 1 - 2414MHz, Ch 2 - 2432MHz, Ch 3 - 2450MHz and Ch 4 - 2468MHz.

## Installation Guide

## Technical Specifications

### Receiver

Screen Type:	2½" COLOR TFT LCD
Dot Pitch:	0.1025 x 0.163mm
Resolution:	480 x 234
Audio Output:	600 ohms / 1V p-p
Power Supply:	5V DC, 1A
Active Area:	5¼ x 1¼ x 3 inches (130 x 33 x 75 mm)
Operating Temperature:	14°F - 122°F (-10°C - 50°C)
Screen Size:	2½ Diagonal Inch
Battery Requirement:	4 "AAA" Size Batteries (Works for approximately 40 minutes - Batteries Not Included)

### Camera:

Image Sensor:	1/3" Color CMOS
Resolution:	330 Horizontal TV Lines
Lens:	4.3mm
Power:	7.5V 500mA
Consumption:	1.3 Watts
Illumination:	< 3 Lux
Operating Temperature:	14°F - 122°F -10°C - 50°C
Dimension:	4¾ x 3¼ x 1½ inches 120 x 80 x 40 mm
Weight:	5½ ounces ~ 157g
Battery Requirement:	2 "AA" Size Batteries, (Works for approximately 1.5 hrs - Batteries Not Included)

## Important!

**Please read this booklet carefully before installing or using these units.**

**Caution** - These units should **ONLY** be opened by an authorized technician if service is required.

### Safety Precautions

For correct and safe operation of this system, it is essential that installers, end-users and service technicians should follow all safety procedures outline in this manual. Specific Warning and Caution statements (and/or symbols) are marked on the units where needed.

### Warning and Caution Statements

“WARNING” indicates a situation where failure to follow proper procedures can cause personal injury.

“CAUTION” indicates a situation where failure to follow proper procedures can cause damage to the equipment.

### Please read Carefully

This manual contains important information about this products operation. If you are installing this product for use by others you must leave this manual or a copy with the end user

## Warranty

Swann Communications warrants this product against defects in workmanship and material for a period of one (1) year from its original purchase date. You must present your receipt as proof of date of purchase for warranty validation. Any unit which proves defective during the stated period will be repaired without charge for parts or labour, or replaced at the sole discretion of Swann. The repair or replacement will be warranted for either ninety days or the remainder of the original one year warranty period, whichever is longer. The end user is responsible for all freight charges incurred to send the product to Swann's repair centres. The end user is responsible for all shipping costs incurred when shipping from and to any country other than the country of origin. The warranty does not cover any incidental, accidental or consequential damages arising from the use of, or the inability to use this product. Any costs associated with the fitting or removal of this product by a tradesman or other person, or any other costs associated with its use are the responsibility of the end user. This warranty applies to the original purchaser of the product only, and is not transferrable to any third party.

Unauthorized end user or third party modifications to any component or evidence of misuse or abuse of the device will render all warranties void. This warranty is limited to the above terms only so long as these terms do not contravene any warranties that are legally mandatory in the users location.

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## Important Safety Precautions

### Please read before Installing

Congratulations on your purchase of the Swann Guardian Angel Handheld Baby Monitoring Kit

**Please read these safety and operating instructions carefully before installing and using this system.**

- Keep the camera, monitor and AC/DC adapter cord out of reach of children.
- Do not place the camera, monitor or AC/DC adapter cord in a crib or playpen.
- Do not use the camera near water or damp and wet environments, such as a bathtub, laundry tub, kitchen sink, or wet basements.
- Locate the camera, monitor and AC/DC adapter where there is adequate ventilation. Do not locate the camera in direct sunlight.
- Do not locate the camera, monitor and AC/DC adapter near heat sources such as heat registers, radiators, ovens, furnaces or other appliances with high operating temperatures.
- Do not use with extension cords. Use only the AC/DC adapter provided with this system. Use of other adapters may damage the camera or monitor and void your warranty.
- Only plug components into standard household voltage outlets (110V - 240V AC, 50Hz or 60 Hz).
- Do not place cords from the AC/DC adapters, camera or monitor where they can be pinched or stepped on. Protect the cords by keeping them out of the way of children, pets and routine household traffic. Do not place heavy objects on power cords or cover cords with rugs or carpet.
- When cleaning, use a DRY, lint-free cloth. Unplug the camera, monitor and AC/DC adapter before cleaning. NEVER immerse any components in water and do not spray cleaners or solvents on the unit. Doing so may damage the unit or cause electrical shock.
- Unplug the AC/DC adapter from the wall outlet when the system is not in use.
- Mishandling, alterations or modifications not approved by the manufacturer will void the warranty.

#### ⚠ CAUTION!

Connect this unit ONLY to other compatible units. Do not connect it to any other type or alarm of auxiliary device. Connecting anything else to this unit may damage it or prevent it from operating properly

#### ⚠ CAUTION!

Do not paint over the camera

#### ⚠ CAUTION!

This system uses public airwaves for wireless operation. The sound and video may be broadcast to and picked up by other 2.4 GHz receiving devices. Conversations and images from other rooms near the camera may be broadcast and picked up. To protect your privacy, always turn the camera off when not in use.

#### IMPORTANT!

**ACCESSORIES** - Do not place video monitor or equipment on an unstable cart, stand or table. The video monitor or equipment may fall causing serious injury to a child or adult, and serious damage to the equipment. Wall or shelf mounting should follow the manufacturer's instruction, and should use a mounting kit approved by the manufacturer. Video monitor equipment and cart combinations should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the equipment and cart combination to overturn.



Video monitor equipment and cart combinations should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the equipment and cart combination to overturn

**VENTILATION** - Slots and openings in the cabinet and the back or bottom are provided for ventilation and to ensure reliable operation of the video monitor or equipment and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the video monitor on a bed, sofa, rug, or other similar surface. Video monitor or equipment receiver should never be placed near or over a radiator or heat register.

## Troubleshooting Guide

If the Camera and/or Receiver ...	You should ...
No Power	<ol style="list-style-type: none"> <li>1. Check that the power cord(s) is properly connected.</li> <li>2. Check that the camera and receiver are turned ON.</li> <li>3. Batteries are dead. Please replace with new batteries.</li> </ol>
No sound or picture, Distorted sound or picture	<ol style="list-style-type: none"> <li>1. Check the channel switch settings on the camera and receiver. Make sure the channels match on both units.</li> <li>2. Signal interference from a microwave oven. Check if a microwave oven is in use or located in the path between the camera and receiver. If so, turn it off or move it out of the path.</li> <li>3. Signal interference from other signal producing devices.               <ol style="list-style-type: none"> <li>(A) Change the channel setting on both camera and receiver.</li> <li>(B) Identify and eliminate the source of the interference.</li> <li>(C) Relocate the transmitter and/or receiver closer to each other.</li> <li>(D) Change the channel on, or turn off any Wireless LAN (WiFi) equipment that may be operating nearby.</li> </ol> </li> <li>4. Camera and Receiver are too far apart. Relocate the Camera and/or Receiver.</li> <li>5. Batteries are low in one or both units. Please replace batteries in one or both units.</li> <li>6. Out of Range. Move Receiver Unit closer to Camera Unit and be sure the power of Camera Unit is turned on.</li> <li>7. Volume is set too low. Please raise volume setting of receiver.</li> </ol>
Noisy Feedback (high-pitched *screech*) For Baby Monitoring System	<ol style="list-style-type: none"> <li>1. Units too close together. Please make sure Receiver Unit is at least 3 feet (1m) from Camera Unit.</li> <li>2. Volume too high. Please lower volume setting in Receiver Unit.</li> </ol>

## Guardian Angel Handheld Baby Monitoring Kit

### To install the system, follow these steps:

#### Monitor:

1. Plug the 5V AC/DC adapter cord into the DC input Jack on the side of the monitor.
2. Plug the adapter into a standard (110V-240V) AC outlet. Press the power button to turn on the monitor.
3. A/V outputs on the LCD monitor can be connected to the A/V input on a TV set for a large screen display, or to the A/V inputs on a VCR for recording.
4. You can use either AC/DC adapter for long time use or 4 "AAA" battery for mobile use. The life time of 4 "AAA" batteries in normal operation is 40 minutes.

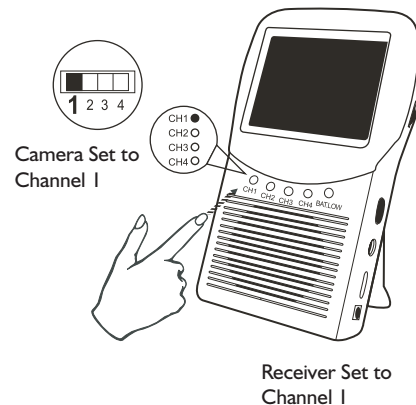
#### Camera:

1. Plug the 7.5V AC/DC adapter cord into the DC input jack on the back of the camera.
2. Plug the adapter into a standard (110V-240V) AC outlet.
3. You can use either AC/DC adapter for long time use or 2 "AA" battery for mobile use. The life time of 2 "AA" batteries in normal operation is 1.5 hours.

#### System Setup:

1. Select the channel (Channel 1-4) to be used on both the camera and receiver.  
NOTE: Make sure the camera and receiver are set to the same channel (1, 2, 3 or 4) and the Camera should be turned on.
2. Set the selected channel by gently pushing the dip-switch for same channel on both the camera and the receiver. For example, to set both the camera and receiver on Channel 1: Push the Channel 1 dip-switch located on the side of the camera and the receiver to be in same channel.

**Additional Notice** - When installing the camera, check the reception of the receiver before final installation. Have someone hold the camera in the area to be monitored and another person to check the reception with your TV or monitor. If interference or other problems occur, refer to the Troubleshooting Guide. Try all 4 channels to see which one has the best image quality.



## Compliance Information

### FCC/CE WARNING

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been tested and found to comply with limits for a Class B digital device in accordance with Part 15 of FCC Rules and CE I-ETS 300 440, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause 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:

1. Reorient the TV/radio antenna.
2. Relocate the Receiver away from the TV/radio receiver.
3. Plug the Receiver into a different wall outlet so that the Receiver is on a different branch circuit.
4. If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions.

The user may find the following booklet prepared by the Federal Communication Commission helpful: "How to Identify and Resolve TV Interference Problems." This booklet is available from the US Government Printing Office, Washington, D.C. 20402, Stock No. 004-000-00345-4.

### FCC/CE NOTICE

The user is cautioned that changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment. Linear radio controls provide a reliable communications link and fill an important need in portable wireless signaling. However, there are some limitations which must be observed.

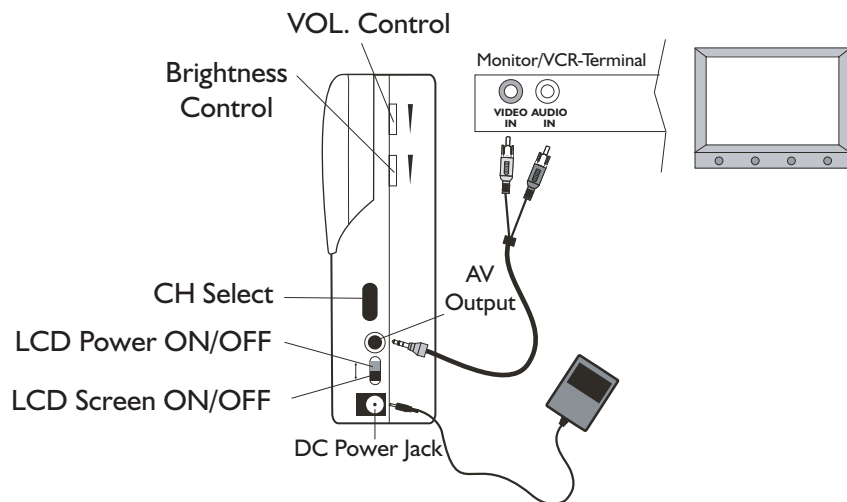
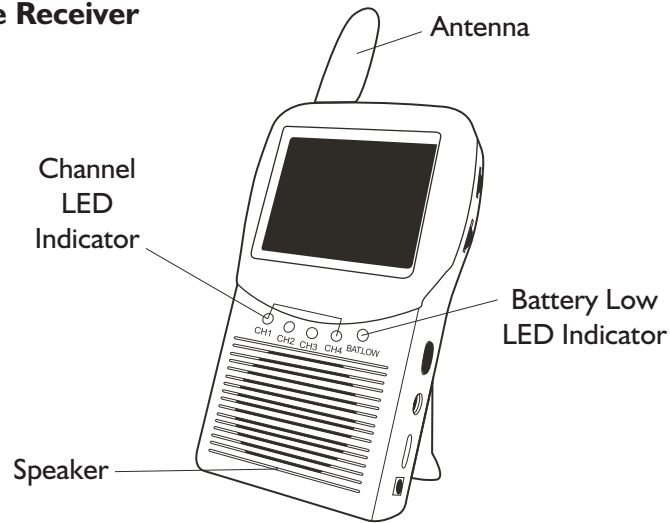
The radios are required to comply with FCC Rules and Regulations as Part 15 devices and CE I-ETS 300 440. As such, they have limited transmitter power and therefore limited range. A receiver cannot respond to more than one transmitted signal at a time and may be blocked by radio signals that occur on or near their operating frequencies. Changes or modifications to the device may void FCC and CE compliance. Infrequently used radio links should be tested regularly to protect against undetected interference or fault.

## Parts Included with This System

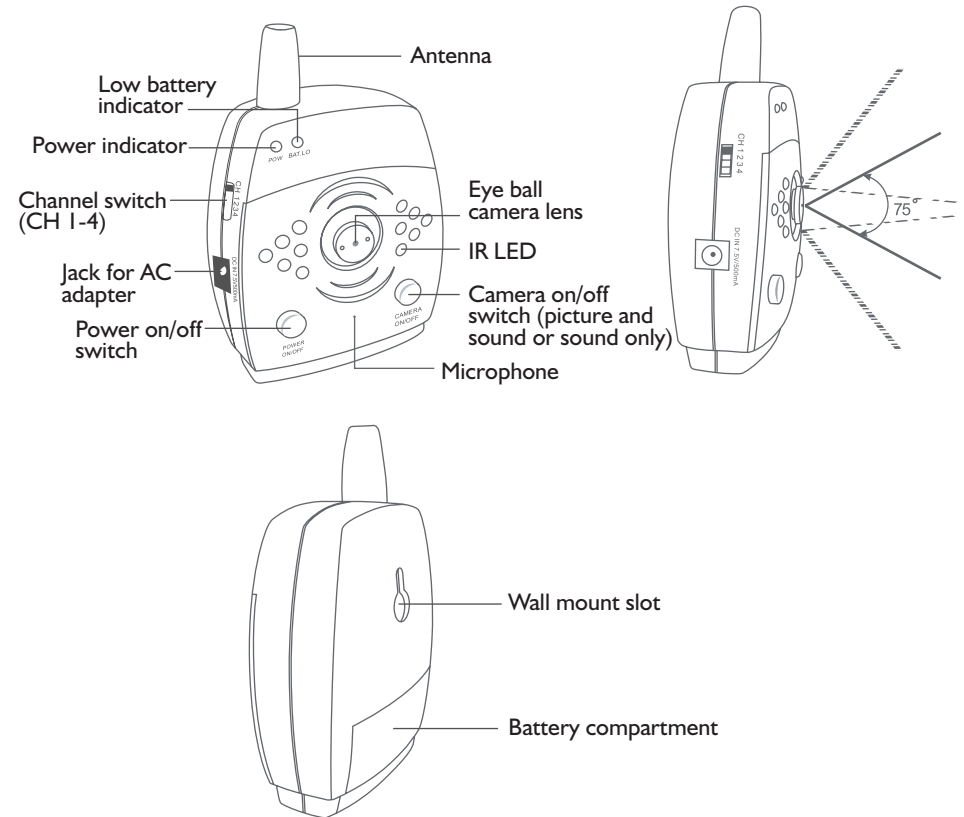
- Color Camera with Built-In Transmitter
- 2.5" Color TFT LCD Monitor with Built-In 2.4 GHz Receiver
- 5V AC/DC Power Adapter for the Monitor
- 7.5V 500mA Power Adapter for the Camera
- 1.5m AV Cable

## Wireless LCD Monitoring System

### Parts of the Receiver



## Parts of the Camera



## Installation

Tools you need is: Pencil, Drill, Drill Bits, Phillips-head, Screwdriver, Hammer

### Installing Camera Mounting Bracket for wall mounting

1. Securely fasten one flat head wood screw on the wall. (For best results, use a 3/4-inch (19mm) screw; mount in a solid wood panel, or use a screw anchor).
2. Leave the screw head protruding from the wall by at Least 1/4-inch (6.35mm)
3. Fit the screw head slot (on the back of the unit) over the screw head and slide the unit down to seat it firmly.
4. To test that the unit is securely mounted, press on its edges.

