



Sophia™












2.4" Digital Video Baby Monitor / Moniteur vidéo bébé numérique 2,4po /  
Video Monitor Digital para Bebé 2.4"

User Manual / Manuel de l'utilisateur / Manual del usuario

**⚠ WARNING • MISE EN GARDE • ADVERTENCIA ⚠**

<p><b>Strangulation Hazard!</b> Children have STRANGLED in cords. Keep this cord out of the reach of children (more than 3 ft [0.9 m] away).</p>	<p><b>Risque de Strangulation !</b> Enfants ont étranglé dans les cordons. Gardez ce cordon d'alimentation hors de portée des enfants (plus de 3 pieds [0,9 m] de distance).</p>	<p><b>Peligro de Estrangulación !</b> Los niños tienen ESTRANGULADO en cuerdas. Mantener este cordón fuera del alcance de niños (más de 3 pies [0,9 metros] de distancia).</p>	
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## SAFETY WARNINGS

-  CAUTION: Keep small parts away from children.
-  Strangulation Hazard: Children can become entangled in cords. Power cords should be kept more than 3 feet away from the crib and baby's reach at all times. Baby monitors with power cords should never be hung on or near the crib.
-  This product is not a toy and should be kept out of children's reach.
-  This product contains small parts. Exercise care when unpacking and assembling the product.
-  Read and Keep Instructions: All the safety and operating instructions should be read before the baby monitor is operated.
-  This product cannot replace responsible adult supervision.
-  Use only with provided power supply.
-  The socket-outlet shall be installed near the equipment and shall be easily accessible.
-  RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE!
-  Dispose of used batteries according to the instructions.
-  Use only batteries/power supplies listed in the user manual.

**Water and Moisture:** This product is designed for indoor use only. The unit should not be exposed to rain, moisture, dripping or splashing. No objects filled with liquid should be placed on top of, or beside the product, such as a glass or vase. This item should not be used near water.

**Non-Use Periods:** Always unplug the AC adapters from the wall outlets during long periods of non-use.

**Ventilation:** This baby monitor should not be used on a bed, sofa, rug or similar surface that may block the ventilation openings, or be placed in an enclosed area, such as a bookcase or drawer that may impede air flow.

**Keep Away from Sources of Heat:** This unit should not be exposed to direct heat sources such as a candle, fireplace, radiator, heat register, stove or other appliance that emits heat. The unit should not be left in direct sunlight.

**Power Source:** This unit should only be used with the power adapters included in this package (rated 6V ~ 800mA)

**Damage Requiring Service:** This unit should be serviced by qualified personnel only when:

- a. Objects have fallen or liquid has been spilled into the product
- b. The units have been exposed to rain
- c. The units do not appear to operate normally or exhibits a distinct change in performance
- d. The units have been dropped or the enclosure damaged

IC STATEMENT / DÉCLARATION IC / CAN ICES-3 (B)/NMB-3(B):

Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Son fonctionnement est soumis aux deux conditions suivantes:

- (1) Cet équipement ne doit pas causer d'interférences, et
- (2) Cet équipement doit accepter toute interférence, y compris les interférences capables de causer un mauvais fonctionnement de l'appareil

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



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

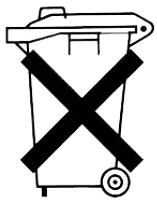
- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

#### FCC WARNING

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 the receiver.
- Connect the equipment into an outlet different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



This marking indicates that this product should not be disposed with other household wastes throughout North America. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

#### DISCLAIMERS

Strangulation Hazard: Children can become entangled in cords. Power cords should be kept more than 3 feet away from the crib and baby's reach at all times. Baby monitors/cameras with power cords should never be hung on or near the crib. This product is not a toy.

This product contains small parts. Exercise care when unpacking and assembling the product.

Optimum range is 150 feet when signal is passing through walls or floors. Microwave ovens (when in use) may cause signal disruption at close range. Buildings with metal frames may also cause signal disruption. Maximum transmission range is 500 feet.

Battery life of 48 hours based on 10 audio activations while in power save (PEEP) mode. Battery lasts an average of 6 hours with continuous audio/video usage.

Night vision range up to 15ft under ideal conditions. Objects at or beyond this range may be partially or completely obscured, depending on the camera application.

This product does not replace responsible adult supervision. Check on your child at regular intervals and make sure your monitor is always adequately charged.

We reserve the right to change models, configuration, or specifications without notice or liability. Product may not be exactly as shown.

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## WARRANTY INFORMATION

Please visit our website at [www.mylevana.com](http://www.mylevana.com) for information about your product's warranty

We take quality very seriously. This is why all of our products come with a one-year warranty from the original purchase date against defects in workmanship and materials. If you have warranty or support issues please contact us using any of the following methods:

Web: [www.mylevana.com](http://www.mylevana.com)

Support: [www.mylevana.com/support](http://www.mylevana.com/support)

LEVANA Canada  
4080 Montrose Road  
Niagara Falls, ON  
Canada L2H 1J9

LEVANA USA  
60 Industrial Parkway #Z64  
Cheektowaga NY  
USA 14227

### Warranty Terms

1. LEVANA® products are guaranteed for a period of one year from the date of purchase against defects in workmanship and materials. This warranty is limited to the repair, replacement or refund of the purchase price at LEVANA's option.
2. This warranty becomes void if the product shows evidence of having been misused, mishandled or tampered with contrary to the applicable instruction manual.
3. Routine cleaning, normal cosmetic and mechanical wear and tear are not covered under the terms of this warranty.
4. The warranty expressly provided for herein is the sole warranty provided in connection with the product itself and no other warranty, expressed or implied is provided. LEVANA assumes no responsibilities for any other claims not specifically mentioned in this warranty.
5. This warranty does not cover the shipping cost, insurance or any other incidental charges.
6. You MUST contact LEVANA at [www.mylevana.com/support](http://www.mylevana.com/support) before sending any product back for repair. You will be sent a Return Authorization form with return instructions. When returning the product for warranty service, please pack it carefully in the original box with all supplied accessories, and enclose your original receipt or copy, and a brief explanation of the problem (include RA #).
7. This warranty is valid only in Canada and the continental U.S.
8. This warranty cannot be re-issued.

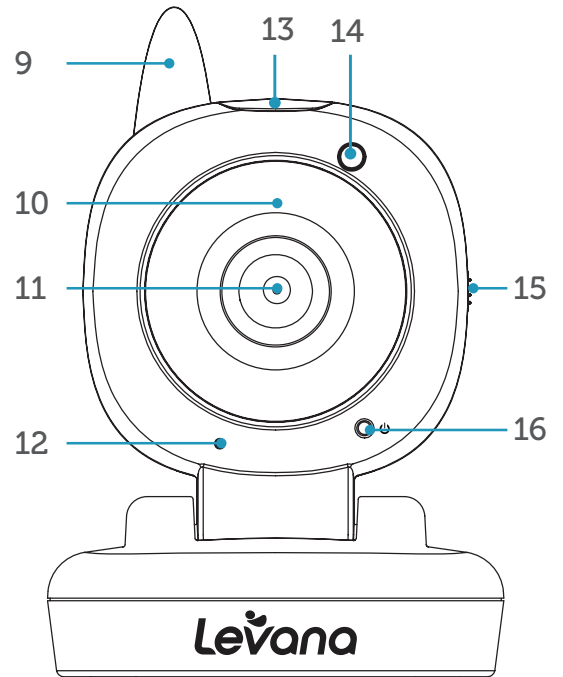
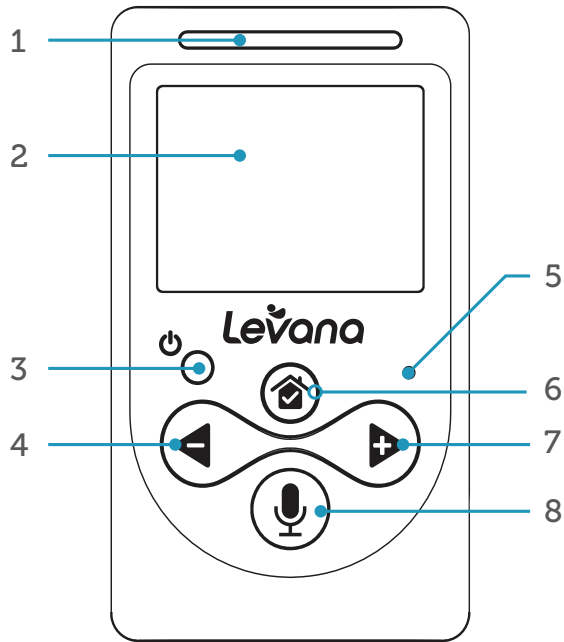
## TABLE OF CONTENTS

Safety Warnings .....	2
FCC Statement .....	3
Disclaimers.....	3
Warranty .....	4
What's Included .....	5
Buttons and Connections .....	6
Setup .....	7
Battery installation - Monitor .....	7
Battery installation - Camera (optional) .....	8
Connecting Power to the Monitor / Charging Battery.....	8
Connecting Power to the Camera .....	8
Get the Most Out of Your Rechargeable Battery .....	9
Screen Icons .....	9
Pairing the Monitor and the Camera(s) .....	10
Mounting the Camera on a Tabletop Safely .....	11
Placement of the Monitor .....	11
Mounting the Camera on a Wall Safely .....	12
Night Vision.....	12
Operation .....	13
Adjusting the volume .....	13
Using the Talk to Baby™ Two-Way Intercom.....	13
Using the PEEP Mode function .....	13
Changing the Camera View.....	14
Setting the Brightness.....	14
Turning the Nightlight On/OFF .....	14
Temperature Settings.....	15
Exit Menu Icon.....	15
Maintenance .....	15
Troubleshooting.....	16
Specifications .....	17

## WHAT'S INCLUDED

- Baby Video Monitor
- Night Vision Camera
- 2 Power Adapters
- Rechargeable Battery
- Quick Start Guide
- 1 year warranty
- Lifetime Customer Support

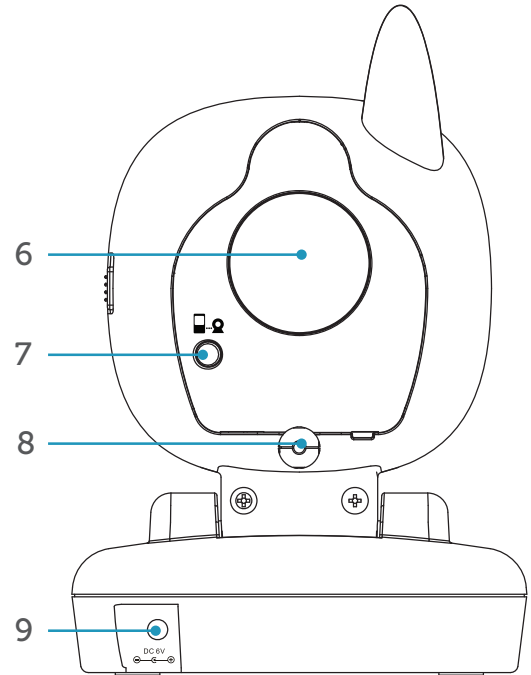
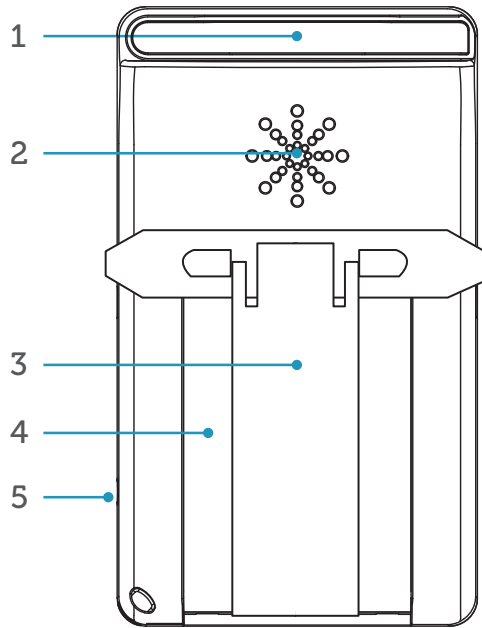
## BUTTONS AND CONNECTIONS



- 1 LED Sound Bar
- 2 LCD Screen
- 3 Power & Screen ON/OFF  
Press and hold to turn monitor ON/OFF; Press once to turn screen ON/OFF
- 4 Volume - & Left
- 5 Microphone
- 6 Menu & Save
- 7 Volume + & Right
- 8 Talk To Baby™  
Press and hold to talk, release to listen

- 9 Antenna
- 10 Night Vision LEDs
- 11 Camera Lens
- 12 Microphone
- 13 Nightlight
- 14 Night Vision Light Sensor
- 15 On/OFF Button
- 16 Power LED

## BUTTONS AND CONNECTIONS



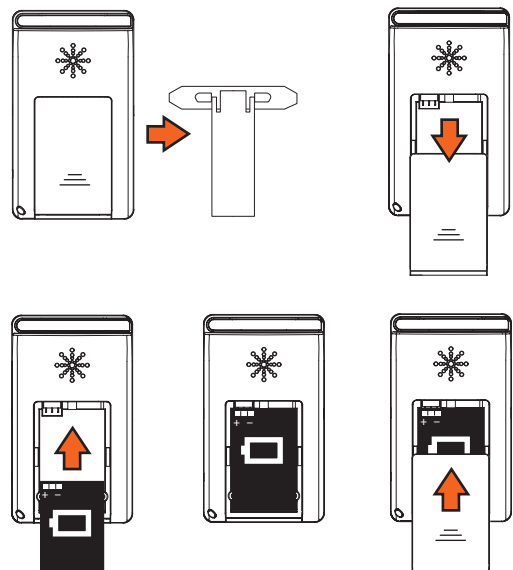
- 1 Antenna
- 2 Speaker
- 3 Table Stand
- 4 Battery Compartment
- 5 Power Input

- 6 Speaker
- 7 Pairing Button
- 8 Antenna
- 9 Power Input

## SETUP

### Battery Installation - Monitor

1. Remove the Table Stand.
2. Slide Battery Compartment Cover down to remove.
3. Insert the included rechargeable battery. Ensure the battery connectors on the battery line up with the connectors inside the battery compartment.
4. Slide the Battery Cover back into place.
5. Remove battery during periods of non-use.

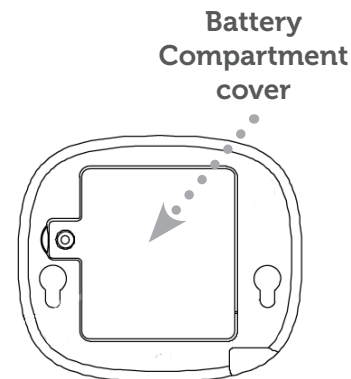


## SETUP



### Battery Installation - Camera (optional)

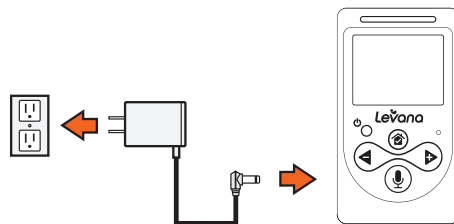
The camera unit can be powered using 4 AAA batteries (not included) instead of the included adapter.

1. Gently remove the Battery Compartment Cover on the bottom of the camera base, using a small phillips (cross) head screwdriver.
2. Insert 4 AAA batteries in the compartment (not included), paying close attention to the labelled polarity markings.
3. Replace the battery compartment cover using the small screwdriver.
4. The Power LED will flash when the battery charge is low.




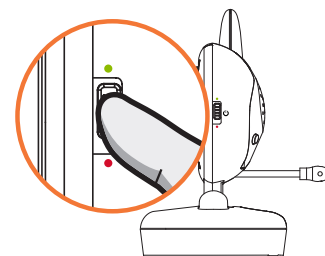
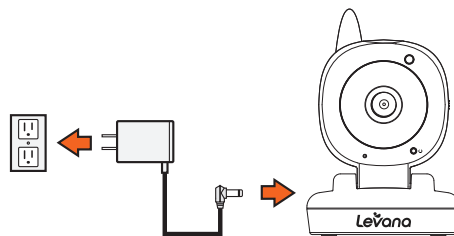
### Connecting Power to the Monitor / Charging Battery

1. Connect the Power Adapter marked Monitor  to the Power Input on the side of the Monitor.
2. Press and hold the Power  button on the front of the monitor to turn the monitor ON.
3. The icon in the top right corner of the main screen will show you the battery power status.



### Connecting Power to the Camera




1. Connect the Power Adapter marked Camera  to the Power Input on the back of the Camera.
2. Slide the ON/OFF switch on the side of the camera to the ON position. Power LED will be a solid red.









## SETUP

### Get the Most Out of Your Rechargeable Battery

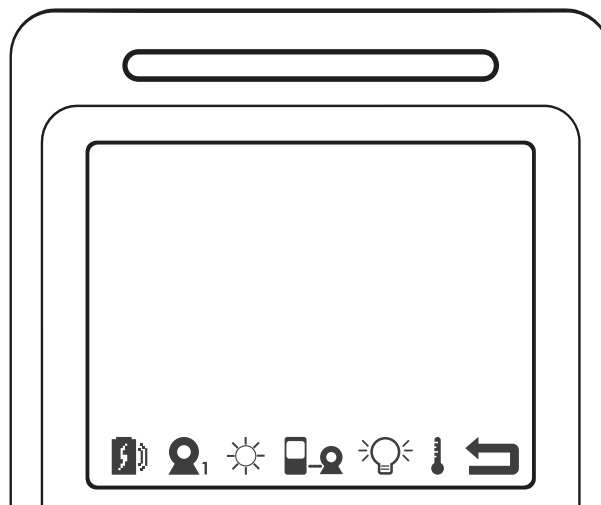
-  Fully charge your battery before first use
-  Charge battery before battery is fully drained.
-  Avoid extreme heat or cold as this will affect the battery life.





 Turn LCD screen OFF. Press POWER  button on the front of monitor ONCE.




 PEEP Mode: After 1 minute of inactivity, monitor enters standby/sleep mode (when activated)

 Adjustable Brightness: Decrease screen brightness

### Screen Icons



-  Peep Mode
-  Camera
-  Brightness
-  Pairing

-  Nightlight
-  Temperature
-  Exit

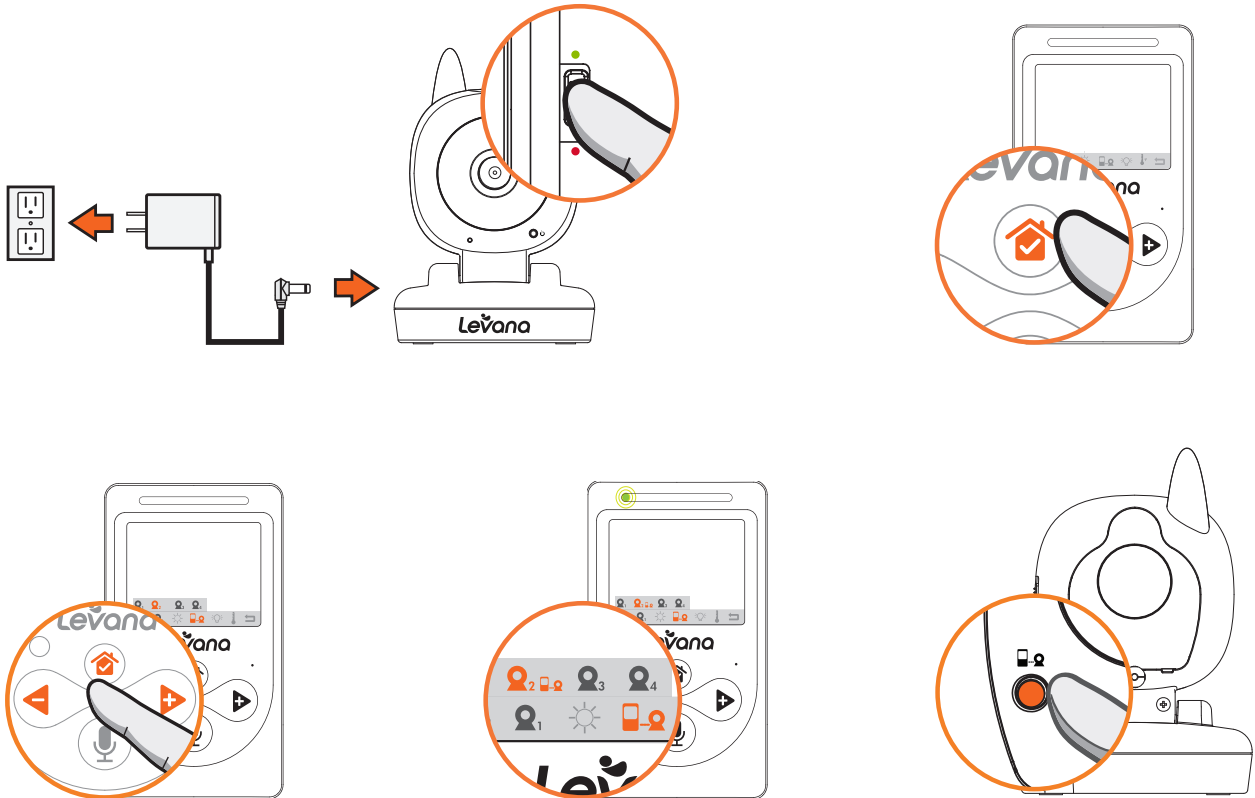
## SETUP

### Pairing the Monitor and the Camera(s)

The camera and monitor come paired (connected) to each other automatically. However, if upon opening this package the devices do not automatically connect and transmit, you may do so manually.

To pair additional cameras, repeat steps below and be sure to assign a different camera number to each additional camera.

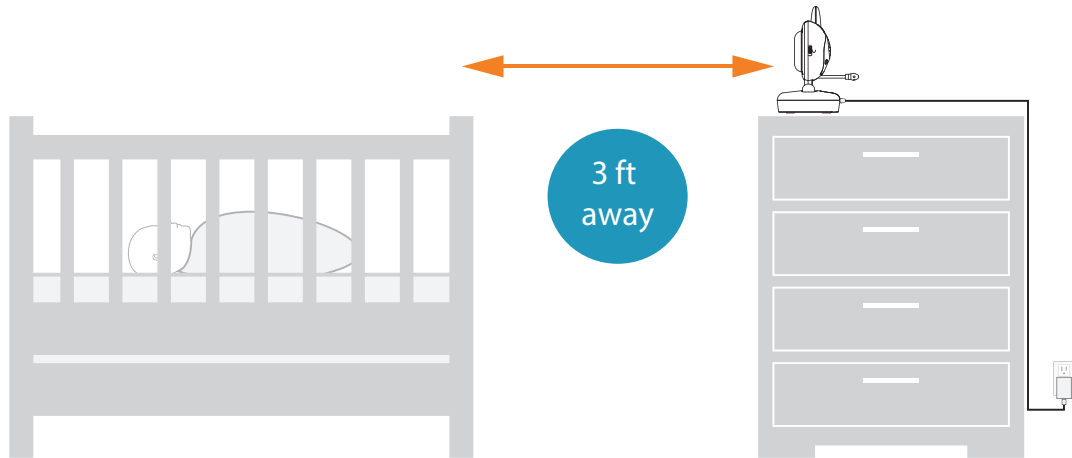
**Note:** Before you begin pairing, be sure to have the monitor and the camera(s) side by side.



## SETUP

### Mounting the Camera on a Tabletop Safely

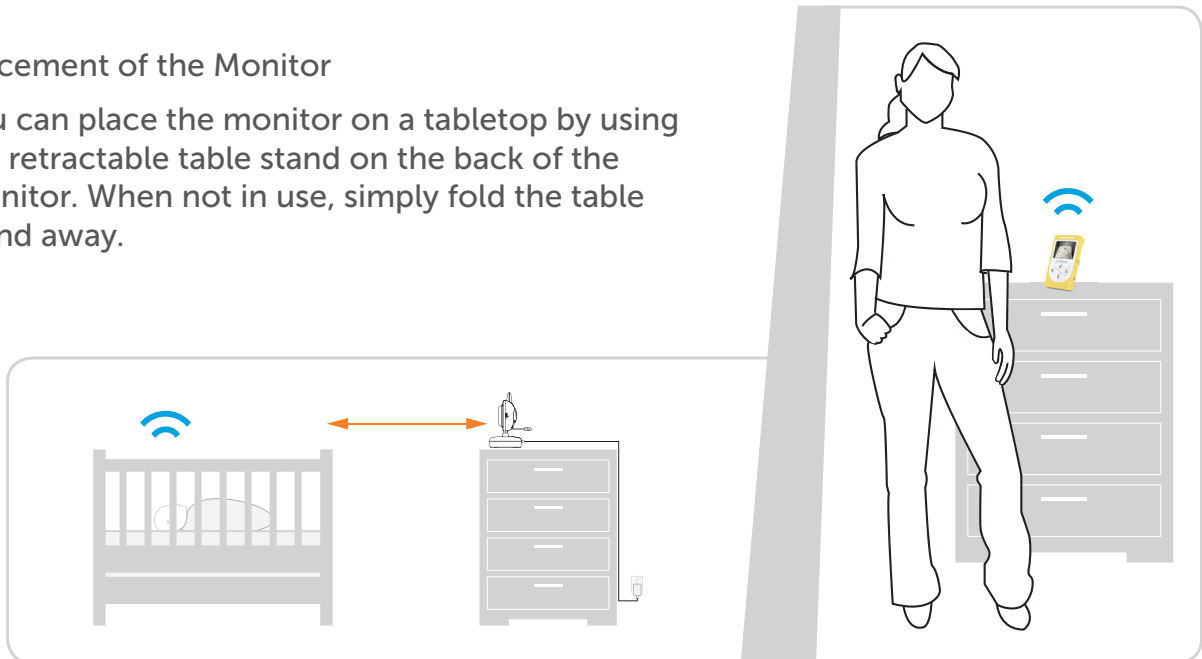
1. Place the Camera on a tabletop no less than 3 feet away from your baby's crib.
2. Feed the power cord down the back of the table or use wall clips (not included) to secure the cord away so the baby cannot reach it.
3. Plug in the power cord, check the monitor to ensure that you can see and hear your child.



Note: Baby monitors with power cords should never be hung on or near the crib as it is a strangulation hazard. Power cords should be kept no less than 3 feet away from the crib and the baby's reach at all times.

### Placement of the Monitor

You can place the monitor on a tabletop by using the retractable table stand on the back of the monitor. When not in use, simply fold the table stand away.



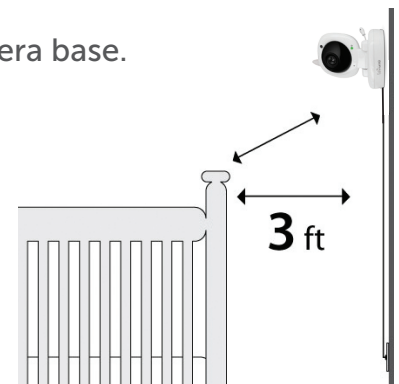
## SETUP

### Mounting the Camera on a Wall Safely

Before drilling the holes, it is important to check the reception and camera positioning in the intended location on the wall. Ensure you are hanging the camera no less than 3 feet away from baby's crib.

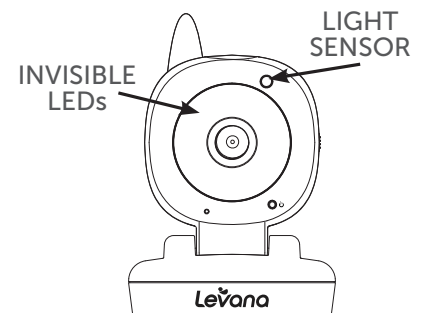
**Note:** Baby monitors with power cords should never be hung on or near the crib as it is a strangulation hazard. Power cords should be kept no less than 3 feet away from the crib and the baby's reach at all times.

1. Pre-drill two holes in the wall using a 3/16", 4.8mm drill bit.
2. Insert wall anchors (not included) into each hole and tap gently with a hammer until the anchor is flush with the wall.
3. Insert a screw (not included) into each wall anchor and tighten until the screws only stick out about a 1/2 inch.
4. Plug the power cord into the power input of the camera.
5. Locate the wall mounting holes on the bottom of the camera base.
6. Slide the holes over the screws sticking out of the wall.
7. Confirm that the camera is secure, if it is loose you may have to tighten the screws more.
8. Use wall clips (not included) to secure the power cord away from the crib or the baby's reach.
9. Connect the other end of the adapter into an available wall outlet.



### Night Vision

The camera is equipped with Invisible IR (infrared) LEDs which keep the nursery dark. The LEDs are located on the front of the camera and allow you to see up to 15 feet in complete darkness so you can check on your baby at any time of night. The night vision LEDs will activate automatically when the Light Sensor on the front of the camera detects that the light levels are too low.

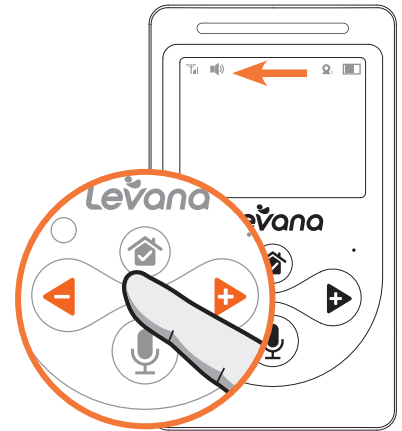


## OPERATION

### Adjusting the volume





Note: Placing the monitor and camera too close together will create feedback. DECREASE or MUTE the volume and move the camera away from the monitor.



### Using the Talk to Baby™ Two-Way Intercom









With the simple press of a button you can talk to your child at any time without entering the nursery.


1. To talk, press and hold the  (Talk) button on the front of the monitor and release to listen.
2. To talk when using multiple cameras, select the camera view (see "Changing the Camera View") and press the  (Talk) button, release to listen.



### Using the PEEP Mode function

Voice activated technology helps conserve battery life by putting the system into hibernation mode when sounds are not detected for 1 minute. If your child starts to cry or make noise, the unit will automatically detect it. Peep Mode allows you to adjust the sensitivity of the sound that the camera picks up..








1. Press the Menu / Save button  and use the Navigational arrow keys   to navigate the PEEP Mode options.
2. Press the Menu / Save button  to confirm your choice.
3. Use the Navigational arrow keys   to navigate to EXIT  and press the Menu / Save button  to exit menu.

- To access live view manually when screen is off, press the Power  button ONCE.
- PEEP Mode extends the battery life up to 48 hours.



## OPERATION







### Changing the Camera View

1. Press the Menu / Save button  and use the Navigational arrow keys  to navigate the Camera View options.
  2. Press the Menu / Save button  to confirm your choice.
  3. Use the Navigational arrow keys  to navigate to EXIT  and press the Menu / Save button  to exit menu.
  4. Repeat the steps above to return to any other camera view.
- Selecting Scan View  cycles through cameras 1 to 4. Each camera view will appear for 6 seconds per camera. (If more than one camera is paired).



### Setting the Brightness








Brightness Mode sets the brightness of the the screen. A dimmer screen will extend the battery life.

1. Press the Menu / Save button  and use the Navigational arrow keys  to navigate the different Brightness Settings.
2. Press the Menu / Save button  to confirm your choice.
3. Use the Navigational arrow keys  to navigate to EXIT  and press the Menu / Save button  to exit menu.



### Turning the Nightlight On/Off

You can control the nightlight from the monitor, turning it on or off without entering the nursery.









1. Press the Menu / Save button  and use the Navigational arrow keys  to navigate the Nightlight Settings.
2. Press the Menu / Save button  to confirm your choice.
3. To turn the Nightlight On/Off when using multiple cameras, select the desired camera (see "Changing the Camera View") and use the Navigational arrow keys  to navigate the Nightlight Settings.
3. Use the Navigational arrow keys  to navigate to EXIT  and press the Menu / Save button  to exit menu.



## OPERATION

### Temperature Settings





Studies indicate your baby's room should be between 68-71° F (20- 21° C). This camera includes a temperature monitor for your baby's room. The temperature of the nursery can be shown with your video monitor's on-screen display in your choice of Fahrenheit or Celsius so you will always know that your baby is comfortable.

1. Press the Menu / Save button  and use the Navigational arrow keys   to navigate the different Temperature Settings.
2. Press the Menu / Save button  to confirm your choice.
3. Use the Navigational arrow keys   to navigate to EXIT  and press the Menu / Save button  to exit menu.



### Exit Menu Icon

The Exit Menu Icon allows you to exit the menu at any time.

1. Press the Menu / Save button  and use the Navigational arrow keys   to navigate to the Exit Menu Icon.
2. Press the Menu / Save button  to exit menu.



## MAINTENANCE

- Clean the surfaces of the camera and monitor with a soft, lint-free cloth
- If the units become dirty, use a lightly damp cloth to wipe surfaces, taking care to not allow water into any openings
- Never use cleaning agents or solvents

## TROUBLESHOOTING

ISSUE	POSSIBLE SOLUTION
Equipment does not function	<ul style="list-style-type: none"><li>• Confirm that the Camera and Monitor are ON</li><li>• The battery may be depleted; charge battery</li><li>• The power adapter(s) may not be properly connected</li></ul>
No reception	<ul style="list-style-type: none"><li>• Camera and monitor may not be properly paired; move the Camera and Monitor closer together</li></ul>
Reception Interference (static)	<ul style="list-style-type: none"><li>• The Camera and Monitor may be too far apart</li><li>• The battery power may be too low</li><li>• Other electronic devices may be interfering with the signal</li><li>• The Camera and Monitor may be placed too close to many metal objects</li></ul>
Noise (static, beeping)	<ul style="list-style-type: none"><li>• Battery power may be too low</li></ul>
The rechargeable battery will not charge	<ul style="list-style-type: none"><li>• The power adapter may not be connected</li><li>• Battery pack may not be properly connected inside the battery compartment</li></ul>



## SPECIFICATIONS

MONITOR	
Monitor Type	TFT LCD
Screen Size	2.4"
Resolution	320x240
Frame Rate	25 FPS
LCD Brightness	Adjustable: 0,1,2,3,4
Frequency	2.4GHz
Private Signal	Yes
Technology	Digital FHSS
No. of hop/sec	300
No. of hopping channels	19
Channel bandwidth	3.375 MHz
Data Rate	3 Mbps
Transmission Power	+19 dBm
Max Transmission Range	500ft
Optimum Transmission Range	150ft
Expandable	Up to 4 Cameras
Quad Screen	No
Scan View	Yes, 8 seconds/camera
Speaker	Yes
Microphone	Yes
Talk to Baby	Yes
Lullabies	No
Battery Type	Li-Ion
Battery Capacity	1100 mAH
Battery Connection	No
Battery Life (video + audio on)	6 hours
Battery Life (PEEP Mode)	48 hours
Battery Low - Visual Warning	Yes
Battery Low - Audible Warning	Yes
PEEP Mode (Power Save)	Yes
Housing Material	ABS Plastic
Power Adapter Input	100~240VAC
Power Adapter	6V 800mA DC
Operating Temperature	32 °F to 122 °F (0 °C to 50 °C)
Dimensions	5" x 2.8" x 4.3" (12.7cm x 7.11cm x 10.92cm)
Weight	0.25 lbs

## SPECIFICATIONS

CAMERA	
Image Sensor	CMOS
Resolution	640 x 480
Viewing Angle	73°
Focal Length	4.95mm
Focus Type	2G2P
Optimal Focal Distance	2-10 feet
Private Signal	Yes
Max Transmission Range (Line of Sight)	500ft
Optimum Transmission Range (Line of Sight)	150ft
Number of IR LEDs	4
Nightlight	Yes
Night Vision Distance	15ft
Battery Operable	Yes (4 x AAA, not included)
Speaker	Yes
Microphone	Yes
Housing Material	ABS Plastic
Housing Color	White
Wall Mountable	Yes
Power Adapter Input	6 V DC
Operating Temperature	32 °F to 122 °F (0 °C to 50 °C)
Dimensions	5.5" x 3.3" x 3" (13.97cm x 8.38cm x 7.62cm)
Weight	0.30 lbs

## NOTES