



# **STAR BRIGHT VIDEO BABY MONITOR**

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## **USER'S GUIDE**

BB7011  
Version 1.0



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



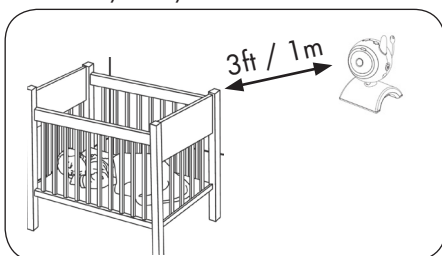
## ***Safety Precautions***

- Adult assembly is required. Keep small parts away from children when assembling.
- This product is not a toy. Do not allow children to play with it.
- This video monitor is not a substitute for responsible adult supervision.
- Keep the cords out of reach from children.
- Do not cover the video monitor with a towel or blanket.
- Never use extension cords with power adapters.
- Only use the power adapters provided.
- Test the video monitor before use. Become familiar with its functions.
- Do not use the video monitor near water.
- Do not install the video monitor near a heat source.
- Only insert batteries/battery pack of the same type.
- Do not touch the plug contacts with sharp or metal objects.
- Only use the chargers and power adapters provided. Do not use other chargers or power adapters as this may damage the device and battery pack.
- Dispose or recycle batteries in accordance with local laws, which may vary by location.
- Insert batteries with the correct polarity.
- Do not mix new and used batteries.
- Do not mix alkaline, standard, and rechargeable batteries.
- Remove exhausted batteries from the product.
- Keep all batteries away from children.
- Keep this user's guide for future reference.



## ***To Avoid Injury to Children & Infants:***

- **MAKE SURE** to keep the camera and all power cords are least 3ft / 1m away from cribs and out of reach of your child.\*
- Use the included cable clips to help keep power cords away from your child.



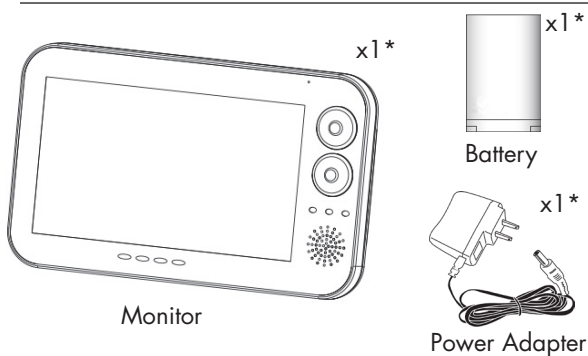
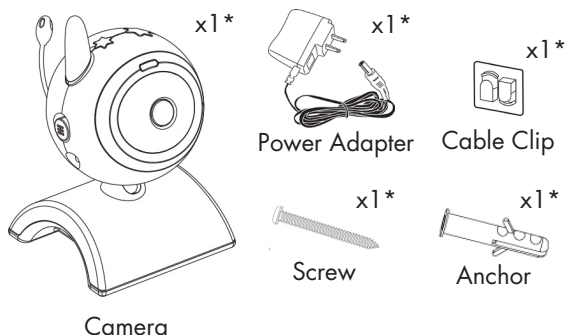
\*This is important even if your child is not standing / mobile

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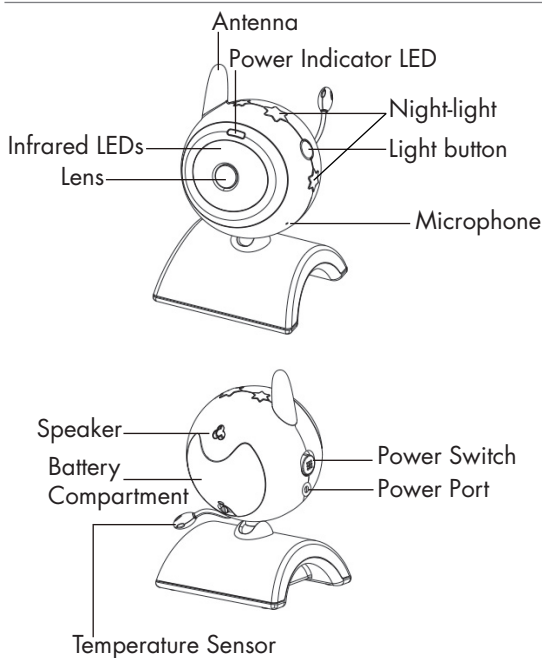
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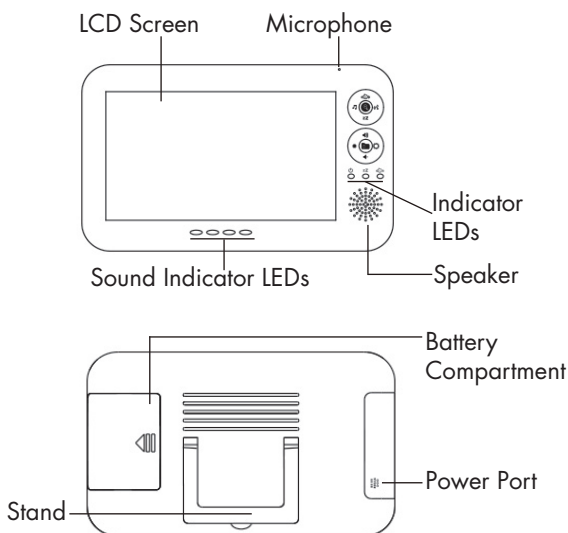


\* Contents may vary by model

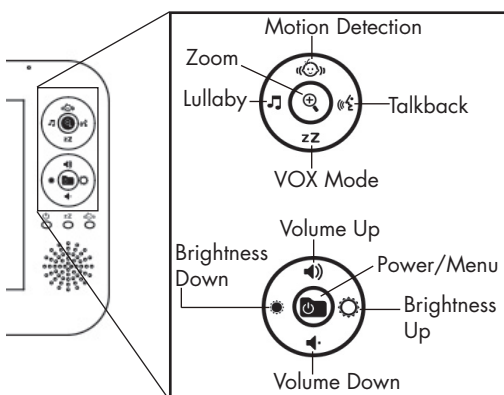
## Camera Overview



# Monitor Overview

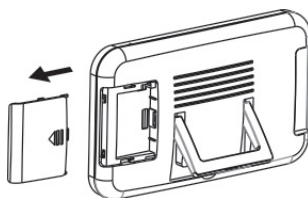


## Buttons



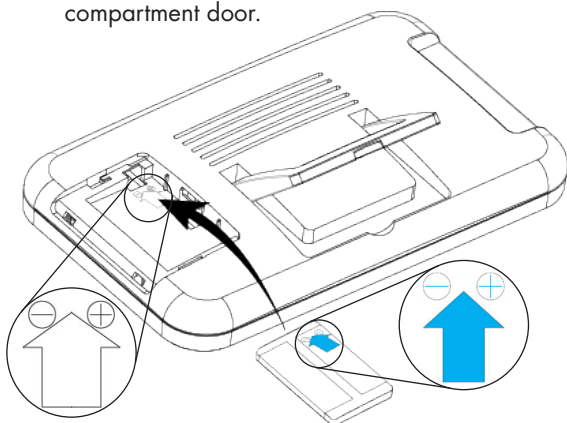
## Getting Started

- 1 On the monitor, push down on the battery compartment door and slide it off.



2

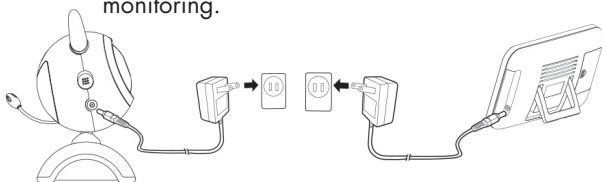
Insert the battery so that the blue arrow on the battery lines up with the white arrow in the battery compartment. Replace the compartment door.



3

Connect the included power adapters to the monitor and the camera. Plug the power adapters into a power outlet. Let the monitor charge until the battery is full (about 3 hours).

**NOTE:** The monitor and the camera should be plugged in for overnight / prolonged monitoring.



The power indicator LED is blue while the monitor is charging, and turns green when completely charged.



**Make sure all power cables are at least 3ft / 1m away from the crib and out of reach of your child.**

**Use the included cable clip to help keep power cables away from your child.**

See "Wall Mounting the Camera" on page 5 for details on installing cable clips.

4

Slide the ON / OFF switch on the camera to the ON position.

5

Press the Power button to turn on the monitor.

## **Optional - Wall Mounting the Camera**

### **Before mounting the camera:**

- Determine where you will get the best view of your child.
- Ensure the power cable is long enough to power the camera.



**Make sure all power cables are at least 3ft / 1m away from the crib and out of reach of your child.**

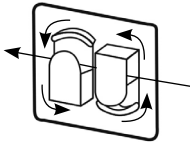
**Use the included cable clip to help keep power cables away from your child.**

**Cable clip should be used even if you are not mounting the camera.**

### **To install the cable clip:**

**1**

Place the camera in the desired position. Feed the power cable through the two plastic brackets on the cable clip. Wrap the cable around the brackets to shorten the cable.



**2**

Position the cable clip against a wall or floor. Mark your chosen position and remove the power cable from the two brackets.

**3**

Remove adhesive guard when you are prepared to attach the clip.

**4**

Once the cable clip has been attached, feed the power cable through the two brackets and wrap excess cable around the brackets.

### **To mount your camera:**

**1**

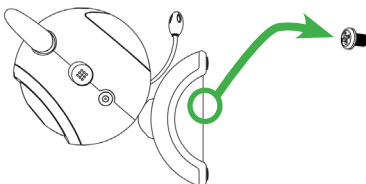
Drill a hole in the wall.

**2**

Tap anchor into hole with a hammer. Insert screw 2/3 of the way.

**3**

Align the mounting point on the bottom of the camera with the screw and push the camera down.

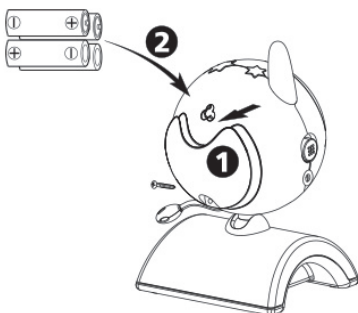


## Tips

- If you do not plan to use the unit for a prolonged period of time, remove the batteries from the monitor and the camera.
- For prolonged / overnight monitoring, it is recommended to connect the power adapter. Battery-powered use is supported for convenient, short-term portable usage only.
- When fully charged, the monitor will stay on up to 1.5 hours.

## Optional - Camera Batteries

- 1** Use a flat-head screwdriver (not included) to unscrew the battery compartment on the back of the camera.
- 2** Insert 4x AAA batteries (not included). Replace the battery compartment door and screw.



**AAA batteries are not intended for overnight monitoring. The camera can operate for up to 4.5 hours\* on battery power.**

## Notes









- If using batteries, it is recommended to use the power adapter whenever possible to save battery life.
- When camera battery life is low, the power indicator LED on the camera will begin flashing.
- Do not mix old batteries with new ones.
- The camera power adapter cannot charge rechargeable batteries.

\*Daytime operation with IR LEDs off.

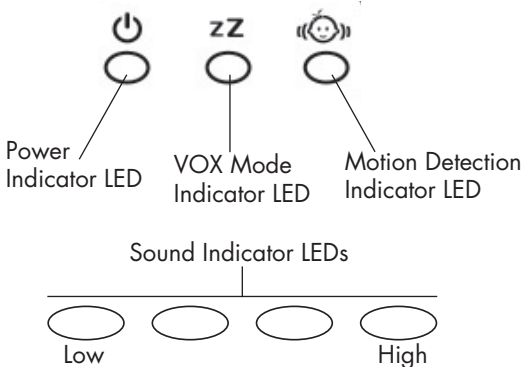


## Using Your Baby Monitor

The monitor shows the following icons during use:

Icon	Meaning	Icon	Meaning
	Signal strength		Battery full
	Selected camera channel		Battery low
	Zoomed in		Temperature alert enabled
	Song currently playing	68°F	Current room temperature
	Talkback	OUT OF RANGE	Camera out of range or off (e.g. batteries dead)

The monitor also uses LED indicator lights:



### Power Indicator LED:

Indicates power status.

- Glows **green** when powered on;
- Glows **blue** when charging;
- Flashes **red** if the battery is running low.

### VOX Mode Indicator LED:

Glows green when VOX Mode is enabled. For more details, see "VOX Mode (Voice Trigger)" on page 14.

### Motion Detection Indicator LED:

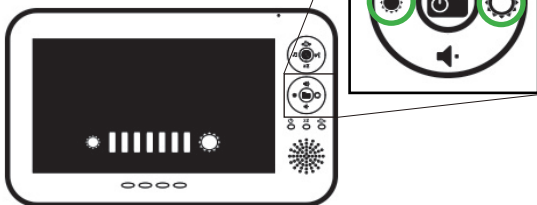
Glows green when motion detection is enabled. For more details, see "Motion Detection" on page 8.

### Sound Indicator LEDs:

These LEDs indicate the level of noise detected by the camera.

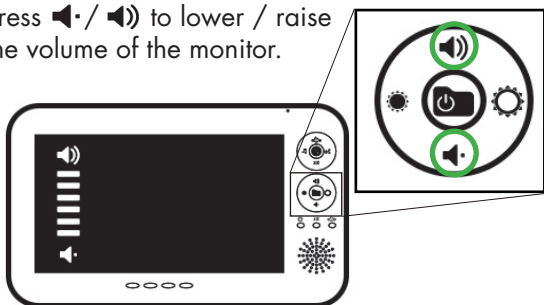
## Adjusting Screen Brightness

Press ☀ / ☀ to lower / raise the brightness of the monitor.



## Adjusting Volume

Press 🔊 / 🔊 to lower / raise the volume of the monitor.

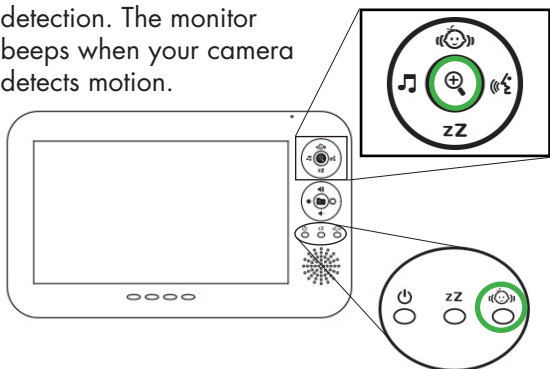


## Motion Detection

You can set your monitor to sound an alarm when movement is detected on your camera. To configure motion detection sensitivity, see "Configuring Motion Detection" on page 11.


### To enable motion detection:

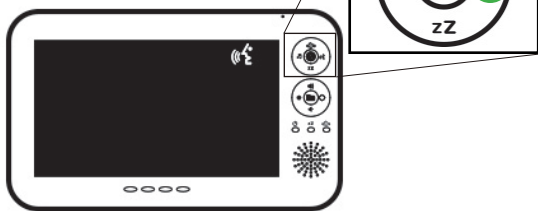
Press 📺 to enable motion detection. The monitor beeps when your camera detects motion.



The 📺 indicator LED will light up when motion detection is enabled.

## Talking to Your Baby

Press and hold  to talk to the camera which is currently being viewed.

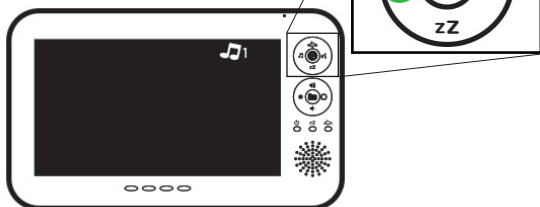



## Playing Lullabies

The camera can play 3 different pre-loaded lullabies. Make sure that the camera you want to play a lullaby is selected on the monitor. See "Camera Selection" on page 13 for details.

### To play lullabies:


- 1 Press  to play the first lullaby.



- 2 Press  again to change to the second and third lullaby.

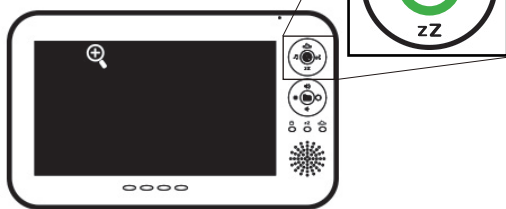
The lullaby number is shown on the


 1 →  2 →  3

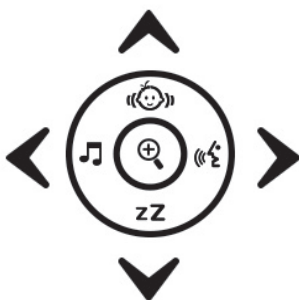
- 3 Press  again to stop playing lullabies.

## Using Zoom

- 1 Press  to zoom in.



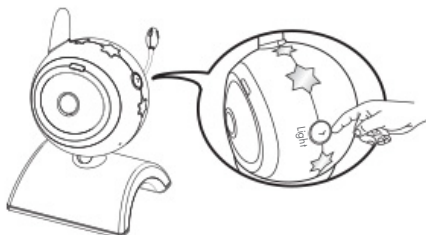
- 2 Use the buttons around  to move the viewing area. The figure below shows how to use these buttons as directional keys.



- 3 Press  again to zoom out.


## Turning on the Night-Light

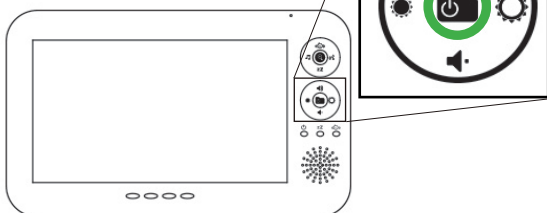
Press the **Light** button on the side of the camera to turn the night-light on or off.




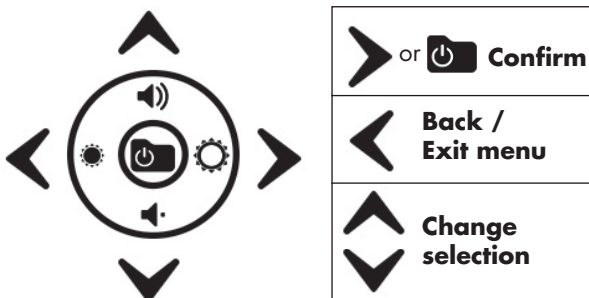
## Using the Menu

Many features of this unit can be configured using the on-screen menu. The following procedure teaches you how to access and use this menu.


- 1 Press  to open the menu screen.

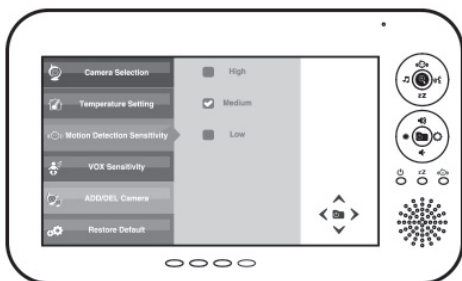


- 2 Use the buttons around  to navigate through the menu. The figure below shows how to use these buttons as directional keys.




## Configuring Motion Detection

- 1 Press  to open the menu.
- 2 Select **Motion Detection Sensitivity**.



**3**

Select **Low**, **Medium**, or **High** sensitivity and press .

With the level set to **High**, the camera will detect even slight movement. At **Low** sensitivity, a larger amount of movement is required to trigger the alert.

Try different settings to see which works best for you.

## ***Temperature Settings***

You can select if you would like temperature readings and alerts to be in Fahrenheit or Celsius.

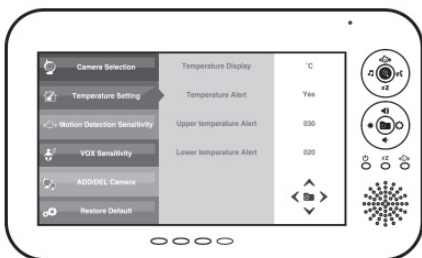
### **To select temperature units:**

**1**

Press  to open the menu.

**2**

Select **Temperature Settings**.



**3**

Select **Temperature Display**.

**4**

Select **Celsius °C** or **Fahrenheit °F**.

## ***Temperature Alerts***

The temperature alert feature allows you to ensure the baby's room is at a comfortable, safe temperature. The monitor beeps if the temperature gets too hot or cold. Temperature sensor is accurate within 3°F/1°C.

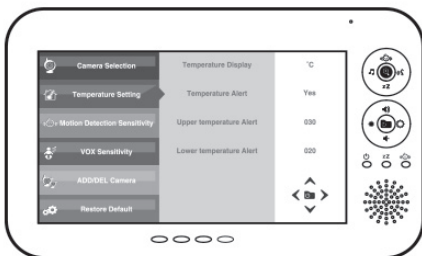
You can control the high and low temperatures that trigger temperature alerts.

### **To setup temperature alerts:**

**1**

Press  to open the menu.

## 2 Select **Temperature Settings**.



## 3 Select **Temperature Alert**. Select **Yes** to enable the alert or **No** to disable it.

## 4 Select **Upper Temperature Alert**. Use / to raise / lower the temperature that triggers this alert.

## 5 Select **Lower Temperature Alert**. Use / to raise / lower the temperature that triggers this alert.

If the temperature at the selected camera goes above the upper temperature or below the lower temperature, the monitor will beep and the temperature alert icon will flash red.

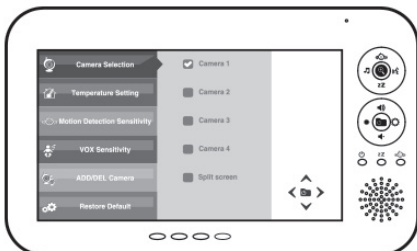
## **Camera Selection**

If you have multiple cameras, you can view each of them individually or all at once (a maximum of 4 cameras is supported - see "Pairing Additional Cameras" on page 16 for details).

### **To select camera:**

## 1 Press to open the menu.

## 2 Select **Camera Selection**.



## 3 Select **Camera 1**, **2**, **3**, or **4** to view a camera individually, or select **Split screen** to view all simultaneously and press .

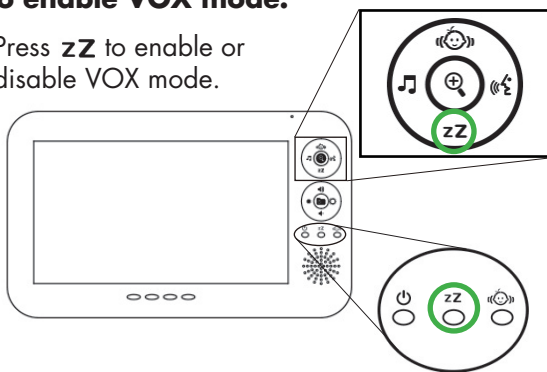
## VOX Mode (Voice Trigger)

In VOX mode, the monitor's screen and speaker will turn off after 30 seconds unless sound is detected at the selected sensitivity level. This conserves battery power, and alerts you only when needed.

You can turn the display on during VOX mode by pressing buttons on the monitor. The monitor's screen and speaker will shut off again after 30 seconds.

### To enable VOX mode:

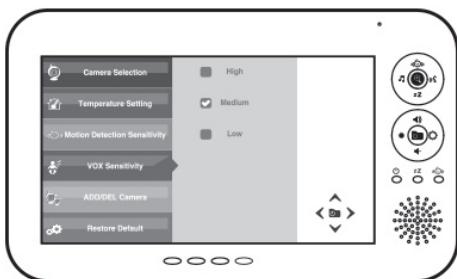
Press **zZ** to enable or disable VOX mode.



The **zZ** indicator LED will light up when VOX mode is enabled.

### To configure VOX mode:

- 1 Press  to open the menu.
- 2 Select **VOX Sensitivity**.






- 3** Select **Low**, **Medium**, or **High** sensitivity and press .

With the level set to **High**, the microphone will detect lower sounds. Only loud noises will be detected if set to **Low**.


Try different settings to see which works best for you.

**NOTE:** In Split screen view, press the  button to change the preferred channel (channel icon flashes brown). Video from this channel will be displayed if the VOX function is triggered.

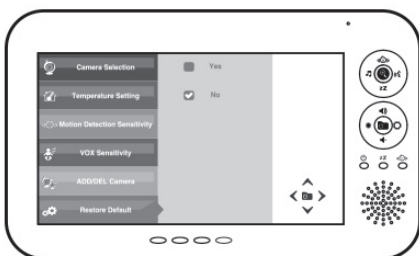
## ***Restore Default Settings***

Use this feature to reset all menu settings to default settings. **Restoring default settings will not affect pairing settings.**


**To restore default:**

- 1** Press  to open the menu.

- 2** Select **Restore Default**.



- 3** Select **Yes** and press .

**When you select Yes, the monitor will turn off automatically. Press the  button to turn on the monitor again.**

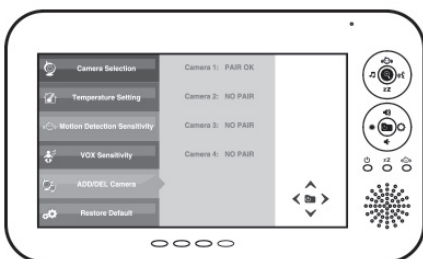
## Pairing Additional Cameras

The included camera has already been paired with the monitor. If you have purchased additional add-on cameras (model# BB7011AC1), **OR** if your monitor and camera are not paired up, follow the steps below.

### To pair a camera to your monitor:

**1** Place the camera and monitor next to each other. Make sure the camera is turned on.

**2** Select **ADD/DEL Camera**.

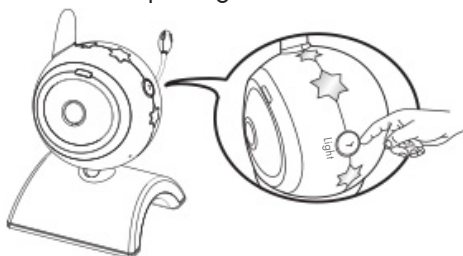


**3** Select **Camera 1, 2, 3, or 4**.

Make sure you select a channel with the caption **NO PAIR**.

**4** Under **Add camera**, select **Yes**. The caption beside the channel name will change to **PAIRING**.


**5** Press and hold the **Light** button on the camera you want to add. The caption beside the channel name will change to **PAIR OK** if pairing was successful.



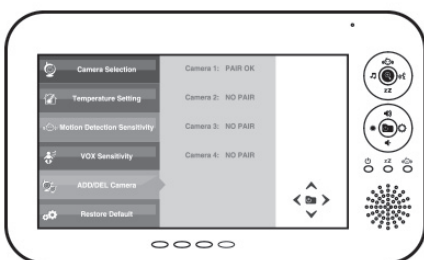
Once pairing has been completed successfully, move the camera and monitor away from one another so audio feedback does not occur.

If the camera you are trying to add is already connected to a different channel, the old pairing will be lost.

## Deleting cameras:

**1** Press  to open the menu.

**2** Select **ADD/DEL Camera**.



**3** Select **Camera 1, 2, 3, or 4**.

Make sure you select a channel with the caption **PAIR OK**.

**4** Under **Delete camera**, select **Yes**. The caption beside the channel name will change to **NO PAIR**.

# Technical Specifications

## Camera

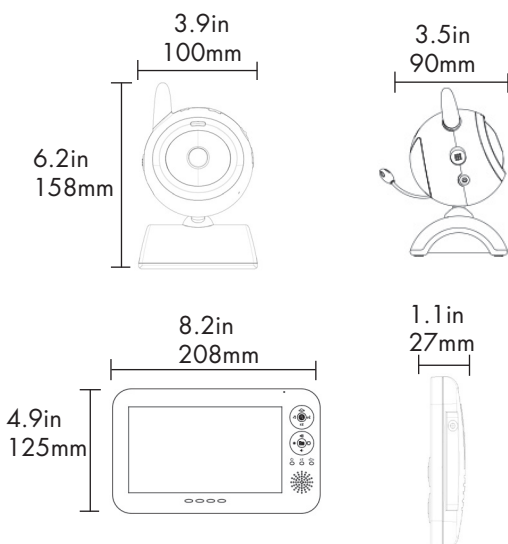
Frequency	2.4GHz
Maximum Range	Up to 450ft / 137m outdoors* Up to 150ft / 46m indoors*
Image Sensor	1/6" Color CMOS
Lens	3.0mm F2.4
IR LED	9 pcs
Power Adapter	6.0V DC 800mA
Battery	Supports 4x AAA Batteries (not included)
Battery Life	Up to 4.5 hours daytime Up to 2 hours nighttime (with IR LEDs on)
Weight	0.5lbs / 0.2kg

## Monitor


Frequency	2.4GHz
Display	7" TFT Color LCD
Power Adapter	6.0V DC 800mA
Battery	Li-ion Rechargeable Battery 3.7V DC 1050mAH
Battery Life	Up to 1.5 hours in normal mode Up to 2.5 hours in VOX mode**
Weight	0.9lbs / 0.4kg

\*Based on unobstructed line of sight. Actual range will vary based on surroundings.

\*\*May vary based on how often the display is triggered.



## Troubleshooting

Problem	Solution
No video displayed on the monitor	<ul style="list-style-type: none"><li>• Ensure the camera(s) is plugged into a power outlet and is powered on.</li><li>• Ensure the monitor is powered on.</li><li>• The camera and / or monitor may be out of batteries.</li><li>• If you have enabled VOX mode, the monitor will not display video unless the camera detects sound. See "VOX Mode (Voice Trigger)" on page 14.</li></ul>
No audio on the monitor	<ul style="list-style-type: none"><li>• Make sure that the monitor volume is not muted. Turn up the volume by pressing .</li></ul>
The camera and monitor are not detecting each other	<ul style="list-style-type: none"><li>• Ensure you have selected the correct camera channel. See "Camera Selection" on page 13 for details on switching channels.</li><li>• Make sure the camera is plugged in or has new batteries.</li><li>• Make sure the camera is powered on.</li><li>• The camera and monitor may be out of range. Move the monitor and camera closer together.</li><li>• You may need to pair the camera and the monitor again. See "Pairing Additional Cameras" on page 16 for details.</li><li>• For optimal performance, avoid placing the monitor and camera near televisions, computers, cordless/mobile phones, or other electrical equipment.</li></ul>
Feedback / squealing noise coming from the monitor	<ul style="list-style-type: none"><li>• Your camera and monitor may be too close to each other. Move them further apart.</li><li>• Lower the monitor volume.</li></ul>

## Need Help?

Product Support is available 24/7 including product information, user manuals, quick start up guides and FAQ's at [www.lorexbaby.com/support](http://www.lorexbaby.com/support)

## CLEANING

Clean the monitor and camera with a slightly damp cloth or an anti-static cloth. Never use cleaning agents or abrasive solvents.

- Do not clean any part of the product with cleaners with thinners or other solvents and chemicals. This may cause permanent damage to the product, which is not covered by the Warranty. When necessary, clean it with a damp cloth.
- Keep your camera and monitor away from hot, humid areas or strong sunlight, and do not get it wet.
- Every effort has been made to ensure high standards of reliability for your baby monitor. However, if something does go wrong, please do not try to repair it yourself. Contact Customer Service for assistance.

## DISPOSAL OF THE DEVICE

At the end of the product lifecycle, you should not dispose of this product with normal household waste, but take the product to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user's guide, and/or box indicates this.



Some of the product materials can be re-used if you take them to a recycling point. By reusing some parts or raw materials from used products you make an important contribution to the protection of the environment.

Please contact your local authorities in case you need more information on the collection points in your area. Dispose of the battery pack in an environmentally-friendly manner according to your local regulations.

## NOTICES

**WARNING:** Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.

### FCC NOTICE

This device complies with Part 15, subpart C, 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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment. However, it is imperative that the user follows the guidelines in this manual to avoid improper usage which may result in damage to the unit, electrical shock and fire hazard injury.

**CAUTION:** To maintain compliance with the FCC's RF exposure guidelines, place the camera at least 20cm (7.87in) from nearby persons.

### CANADA/IC NOTICE

This device complies with Industry Canada licence-exempt RSS standard(s). 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.





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Version 1.0

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