



## 2.8" Pan & Tilt Video Monitor

LF2513  
LF2513-2



## User Guide





This guide contains important information.  
Please keep it for future reference.

# Contents

<b>Important Safety Instructions</b> .....	<b>3</b>
<b>Setup</b> .....	<b>4</b>
What's Included? .....	4
Overview .....	5
Parent Unit Icons.....	9
Connect the Baby Monitor .....	13
Charge the Parent Unit Battery.....	14
Power on/off.....	15
Testing the Sound Level .....	16
Position the Baby Monitor.....	17
<b>Basic Operation</b> .....	<b>18</b>
Talk to Your Baby via the Baby Unit.....	18
Use the Menu .....	19
Adjust Speaker Volume .....	19
Zoom, Pan and Tilt the Camera.....	20
Turn on/off the Parent Unit Screen .....	21
Adjust Screen Brightness .....	21
<b>Advanced Operation</b> .....	<b>22</b>
Adjust Screen off Timer.....	22
Adjust VOX Sensitivity Level .....	22
Temperature.....	23
Play Lullaby .....	24
Adjust Baby Unit Speaker Volume.....	24
Night Light.....	25
Night Vision.....	26
Monitoring Modes (LF2513-2 only).....	27
Change the Monitoring Mode .....	27
Cable Management .....	27
<b>Additional Information</b> .....	<b>28</b>
General Product Care.....	28
Storage .....	28
Adult Supervision.....	28
Technical Specifications.....	28
The RBRC seal.....	29
California Energy Commission battery charging testing mode .....	29
Disclaimer and Limitation of Liability.....	29
FCC and IC regulations .....	29
For cETL compliance only .....	30

# Important Safety Instructions

The applied name plate is located at the bottom of the Baby Unit's base. When using your equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:



1. Follow all warnings and instructions marked on the product.
2. Adult setup is required.
3. **CAUTION:** Do not install the Baby Unit at a height above 2 meters.
4. This product is intended as an aid. It is not a substitute for responsible and proper adult supervision and should not be used as such.
5. This product is not intended for use as a medical monitor.
6. Do not use this product near water, for example, near to a bath, sink, swimming pool or shower.
7. **CAUTION:** Use only the battery provided. There may be a risk of explosion if a wrong type of battery is used for the Parent Unit. The battery cannot be subjected to high or low extreme temperature and low air pressure at high altitude during use, storage or transportation. Disposal of battery in fire or a hot oven, mechanically crushing or cutting or the battery can result in an explosion. Leaving the battery in an extremely high temperature surrounding environment can result in an explosion or the leakage of flammable liquid or gas. Battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas. Dispose of used batteries according to the information in **The RBRC seal**.
8. Use only the power adapters included with this product. Incorrect power adapter polarity or voltage can seriously damage the product.  
  **Power adapters information:**  
**Baby Unit output: 5V DC 1A;**  
**VTech Telecommunications Ltd.;**  
**Model: VT05EUS05100**  
**Parent Unit output: 5V DC 1A;**  
**VTech Telecommunications Ltd.;**  
**Model: VT05EUS05100**  
  **Rechargeable battery information:**  
**Zhongshan Tianmao Battery Co. Ltd.;**  
**Lithium battery, 3.8V 2100mAh 7.98Wh;**  
**Model: BP1763**
9. The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.
10. For pluggable equipment, the socket-outlet should be installed near the equipment and should be easily accessible.
11. Unplug this product from the wall outlet before cleaning.
12. Do not modify the power adapters or replace with other adapters, as this causes a hazardous situation.
13. Do not allow anything to rest on the power cords. Do not install this product where the cords may be walked on or crimped.
14. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult your dealer or electricity supply provider.
15. Do not overload wall outlets or use an extension cord.
16. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
17. This product should not be placed in any area where proper ventilation is not provided. Slots and openings in the back or bottom of this product are provided for ventilation. To protect them from overheating, these openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product should never be placed near or over a radiator or heat source.
18. Never push objects of any kind into this product through the slots because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.
19. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorised service facility.

Disassembling or removing parts of the product other than via the battery door may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.

20. You should test the sound reception every time you turn on the units or move one of the components.
21. Periodically examine all components for damage.
22. There is a very low risk of privacy loss when using certain electronic devices, such as baby monitors, cordless telephones, etc. **To protect your privacy, make sure the product has never been used before purchase, reset the baby monitor periodically by powering off and then powering on the units, and power off the baby monitor if you are not intending to use it for some time.**
23. Children should be supervised to ensure that they do not play with the product.
24. The small parts of this monitor can be swallowed by babies or small children. Keep these parts out of reach of children.
25. The product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

## SAVE THESE INSTRUCTIONS

### Cautions

- Use and store the product at a temperature between 32°F (0°C) and 104°F (40°C).
- Do not expose the product to extreme cold, heat or direct sunlight. Do not put the product close to a heating source.
- Batteries should not be exposed to excessive heat such as bright sunshine or fire.
- Mishandling batteries can cause burn, fire or explosion hazards.
-  **Warning—Strangulation Hazard—Children have STRANGLED in cords. Keep this cord out of the reach of children (more than 0.9m away). Do not remove warning label on the adapter cord.** 
- Never place the Baby Unit(s) inside the baby's cot or playpen. Never cover the Baby Unit(s) or Parent Unit with anything such as a towel or a blanket.
- Other electronic products may cause interference with your baby monitor. Try installing your baby monitor as far away from these electronic devices as possible: wireless routers, radios, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and cordless telephones.

### Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to digital cordless devices): Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the interference between portable wireless devices and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that:

#### Pacemaker patients

- Should keep wireless devices at least six inches from the pacemaker.
- Should NOT place wireless devices directly over the pacemaker, such as in a breast pocket, when it is turned ON.

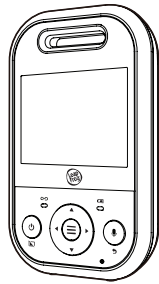
WTR's evaluation did not identify any risk to bystanders with pacemakers from other persons using wireless devices.

#### Electromagnetic fields (EMF)

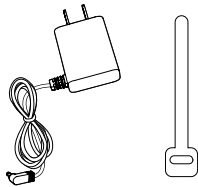
This LeapFrog product complies with all standards regarding electromagnetic fields (EMF). If handled properly and according to the instructions in this user's manual, the product is safe to be used based on scientific evidence available today.

# Setup

## What's Included?



**Parent Unit**



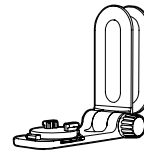
**Parent Unit Adapter**



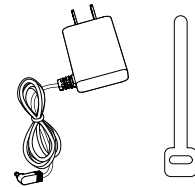
Learn to set up your units and have all detailed instructions on using your baby monitor.



**Baby Unit**



**Wall Mount Bracket**



**Baby Unit Adapter**



x 2

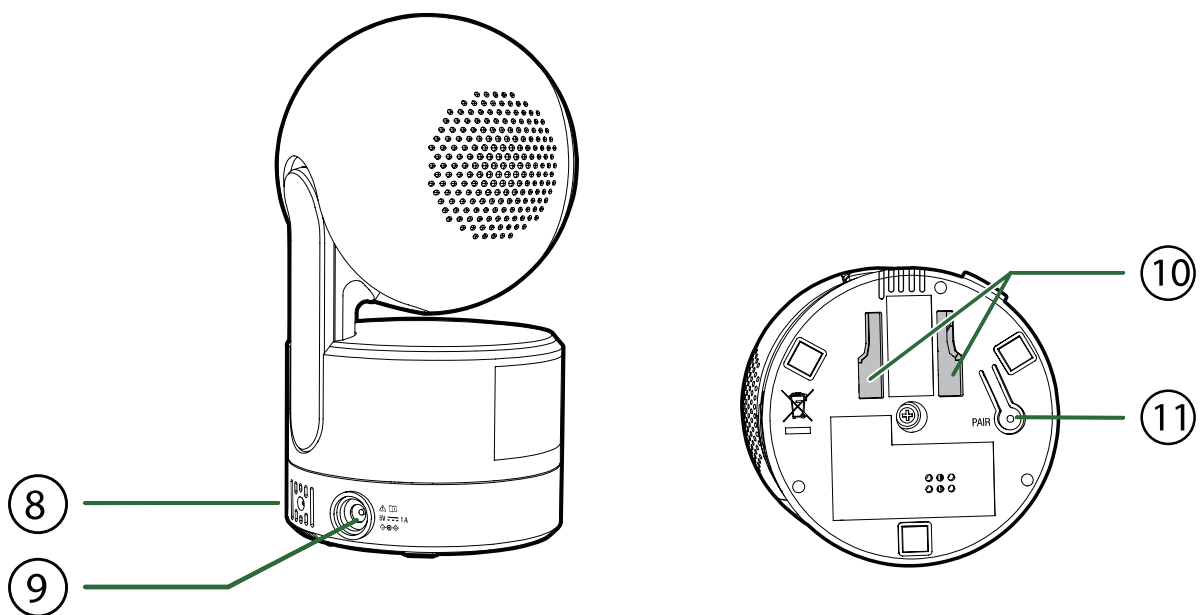
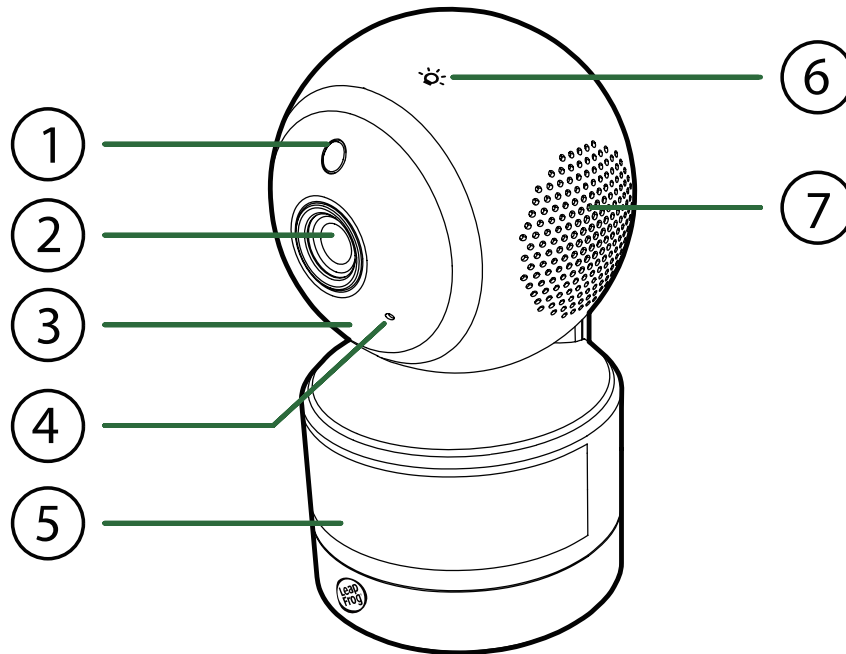



x 2

1 set for LF2513  
2 sets for LF2513-2

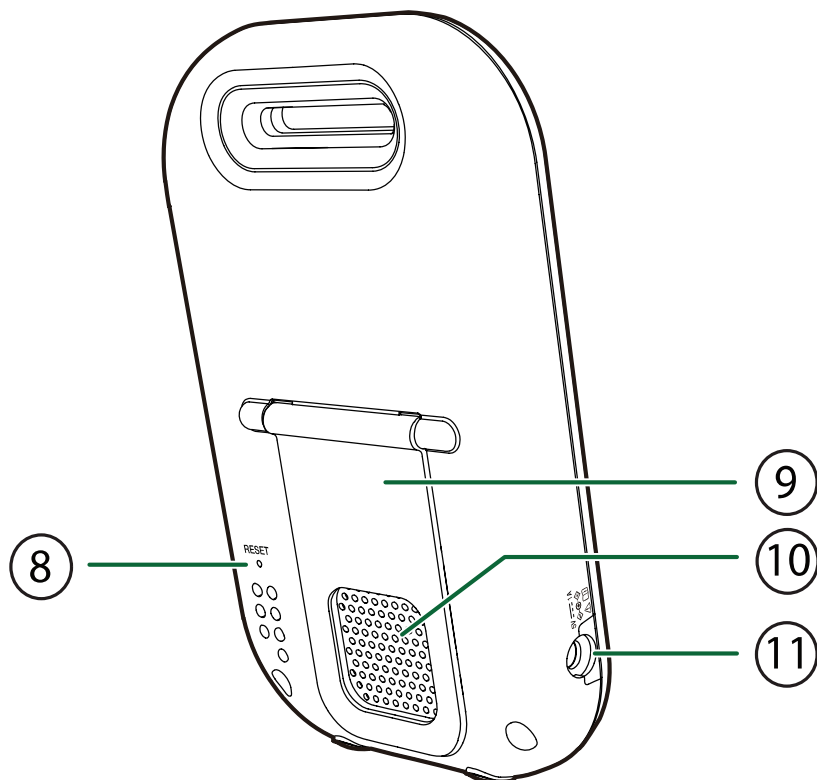
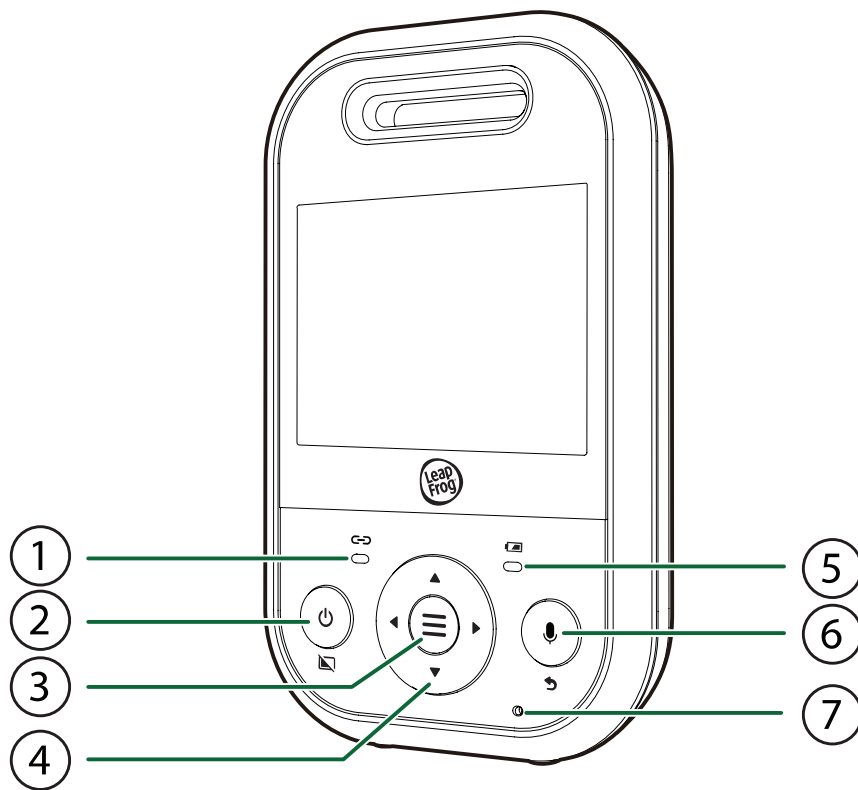
# Overview







## Baby Unit



<b>1</b>	<b>Light Sensor</b>
<b>2</b>	<b>Camera</b>
<b>3</b>	<b>Infrared LEDs</b> <ul style="list-style-type: none"> <li>• Allow you to see clearly in a dark environment.</li> </ul>
<b>4</b>	<b>Microphone</b>
<b>5</b>	<b>Night light</b>
<b>6</b>	 <b>Night light on/off key</b> <ul style="list-style-type: none"> <li>• Press to turn the night light on or off.</li> </ul>
<b>7</b>	<b>Speaker</b>
<b>8</b>	<b>Temperature sensor</b>
<b>9</b>	<b>Power Jack</b>
<b>10</b>	<b>Wall Mount Slots</b>
<b>11</b>	<b>PAIR</b> <ul style="list-style-type: none"> <li>• The parent unit and baby unit(s) provided are already paired.</li> </ul>







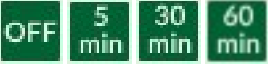




# Parent Unit



1	 <b>LINK LED Indicator</b> <ul style="list-style-type: none"> <li>• On when the Parent Unit is linked to the baby unit.</li> <li>• Flashes when the link to the baby unit is lost.</li> </ul>
2	 <b>Power / LCD off</b> <ul style="list-style-type: none"> <li>• Press and hold to power on/off the Parent Unit.</li> <li>• Press to screen on/off..</li> </ul>
3	 <b>Menu / Select</b> <ul style="list-style-type: none"> <li>• Press to enter the main menu.</li> <li>• While in a menu, press to choose an item, or save a setting.</li> </ul>
4	 <b>Arrow Keys</b> <ul style="list-style-type: none"> <li>• Press to navigate leftward, upward, rightward or downward, within the main menu and sub-menus.</li> </ul>
5	 <b>Battery LED Indicator</b> <ul style="list-style-type: none"> <li>• On when the Parent Unit is connected to AC power, and the battery is charging.</li> <li>• Flashes when the Parent Unit battery is low and needs to be charged.</li> </ul>
6	 <b>Talk / Return</b> <ul style="list-style-type: none"> <li>• <u>Press and hold</u> to talk to the baby unit.</li> <li>• While in a sub-menu, press to exit.</li> </ul>
7	<b>Microphone</b>
8	<b>RESET</b> Force reboot the Parent Unit.
9	<b>Stand</b>
10	<b>Speaker</b>
11	<b>Power Jack</b>



# Parent Unit Icons

Main Menu	Sub-menu	Options
<b>Volume</b>		
		<ul style="list-style-type: none"> <li>Adjust the Parent Unit speaker volume level.</li> </ul>
<b>Settings</b>		
		 <p><b>Zoom</b></p> <ul style="list-style-type: none"> <li>Zoom in and out of the video displayed from the baby unit.</li> </ul>
		 <p><b>Screen off timer</b></p> <ul style="list-style-type: none"> <li>The Parent Unit display will dim to conserve energy after your selected time of inactivity.</li> </ul>
		 <p><b>VOX (Voice Activated Alert) Sensitivity</b></p> <ul style="list-style-type: none"> <li>You can select to hear sounds from the baby unit continuously, or to only hear sounds that exceed a set sensitivity level. Adjust the microphone sensitivity of your baby unit, the higher the sensitivity level, the more sensitive the baby unit is in detecting sounds to be transmitted to the Parent Unit.</li> </ul>
		 <p><b>Brightness</b></p> <ul style="list-style-type: none"> <li>Adjust the Parent Unit's LCD screen brightness.</li> </ul>

## Temperature


		<p><b>ON OFF</b></p> <ul style="list-style-type: none"> <li>• Turn on/off temperature alert tone.</li> <li>• Set the Parent Unit to beep whenever the room temperature detected by the baby unit falls outside of the set temperature range.</li> </ul>
		<p><b>MIN MAX</b></p> <ul style="list-style-type: none"> <li>• Set the minimum / maximum temperature range.</li> </ul>
		<p><b>°C °F</b></p> <ul style="list-style-type: none"> <li>• Set temperature display in Fahrenheit (°F) or Celsius (°C).</li> </ul>

## Lullaby





		<p><b>Baby unit speaker volume</b></p> <ul style="list-style-type: none"> <li>• Adjust the baby unit speaker volume level when playing a lullaby.</li> <li>• Adjust the talkback volume level transmit from the Parent Unit.</li> </ul>
		<p><b>□ ♪1 ♪2 ♪3 ♪4</b></p> <ul style="list-style-type: none"> <li>• Select between two lullabies or two sounds to play or stop.</li> </ul>

## Night light













	<p><b>ON OFF</b></p>	<ul style="list-style-type: none"> <li>• Turn on/off night light.</li> </ul>
		<p><b>💡1 💡2 💡3 💡4 💡5 💡6 💡7</b></p> <ul style="list-style-type: none"> <li>• Select one of the night light colors.</li> </ul> <p><b>💡A</b></p> <ul style="list-style-type: none"> <li>• Change to all seven colors in cycles.</li> </ul>
		<p><b>OFF 15 min 30 min 60 min</b></p> <ul style="list-style-type: none"> <li>• Set timer to turn the night light off or set to turn on always.</li> </ul> <p><b>AUTO</b></p> <ul style="list-style-type: none"> <li>• Set to auto to turn on the night light when baby unit detects sound. It will turn off after 15 minutes of no sound detection. You can set <b>VOX sensitivity level</b> to detect sounds that exceed a set sensitivity level.</li> </ul>









		<div data-bbox="507 129 641 190" style="display: inline-block; border: 1px solid black; padding: 2px; margin-right: 5px;">ON</div> <div data-bbox="577 129 641 190" style="display: inline-block; border: 1px solid black; padding: 2px; margin-right: 5px;">OFF</div> <ul style="list-style-type: none"> <li>• Turn on/off the adaptive night light feature. When this feature is on, the baby unit detects the ambience light. If the room is bright, the night light adjusts itself to be brighter; if the room is dim, the night light adjusts itself to be less bright.</li> </ul>
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## Monitoring mode (For LF2513-2 only)







	 1  2	<ul style="list-style-type: none"> <li>• Select a camera view.</li> </ul>
		<ul style="list-style-type: none"> <li>• Select the patrol mode.</li> </ul>

## Status Icons

	<ul style="list-style-type: none"> <li>•  - Strong signal strength</li> <li>•  - Moderate signal strength</li> <li>•  - Low signal strength</li> <li>•  - Weak signal strength</li> </ul>
	<p>Current view status</p> <ul style="list-style-type: none"> <li>• Displays the number of baby unit that is being viewed.</li> </ul>
	Night light - On
  	<p>Night light - Auto-on</p> <ul style="list-style-type: none"> <li>• Indicates the night light is set to auto-on, and is currently turned on by sound activation.</li> <li>• Indicates the night light is currently off but is set to auto-on. Night light will turn on when sound is detected by the baby unit.</li> </ul>
	<p>Lullaby</p> <ul style="list-style-type: none"> <li>• Displays when a lullaby is playing.</li> </ul>
	<p>Talkback</p> <ul style="list-style-type: none"> <li>• Displays when talking back to the baby unit from the Parent Unit.</li> </ul>
	<p>6-level sound indicator</p> <ul style="list-style-type: none"> <li>• Green is on when a low level of sound is detected by the baby unit.</li> <li>• Green and amber are on when a moderate level of sound level is detected.</li> <li>• Green, amber and red are on when a high level of sound is detected.</li> </ul>

	<p><b>Night vision</b></p> <ul style="list-style-type: none"> <li>• Displays when the baby unit being viewed has activated the night vision feature.</li> </ul>
	<p><b>Zoom</b></p> <ul style="list-style-type: none"> <li>• Displays when the current image on the Parent Unit has zoomed in.</li> </ul>
	<p><b>Real-time temperature</b></p> <ul style="list-style-type: none"> <li>• Real-time temperature detected by the baby unit in Fahrenheit (°F) or Celsius (°C) (e.g. 57°F or 14°C).</li> </ul>
	<p><b>Mute alert</b></p> <ul style="list-style-type: none"> <li>• Displays when the Parent Unit speaker volume level is set to off.</li> <li>• Displays when the Parent Unit is talking to the baby unit.</li> </ul>
	<p><b>Battery status</b></p> <ul style="list-style-type: none"> <li>•  Animates when the battery is charging.</li> <li>•  - Battery is fully charged.</li> <li>•  - Battery is low and needs charging.</li> </ul>

## Alert icons

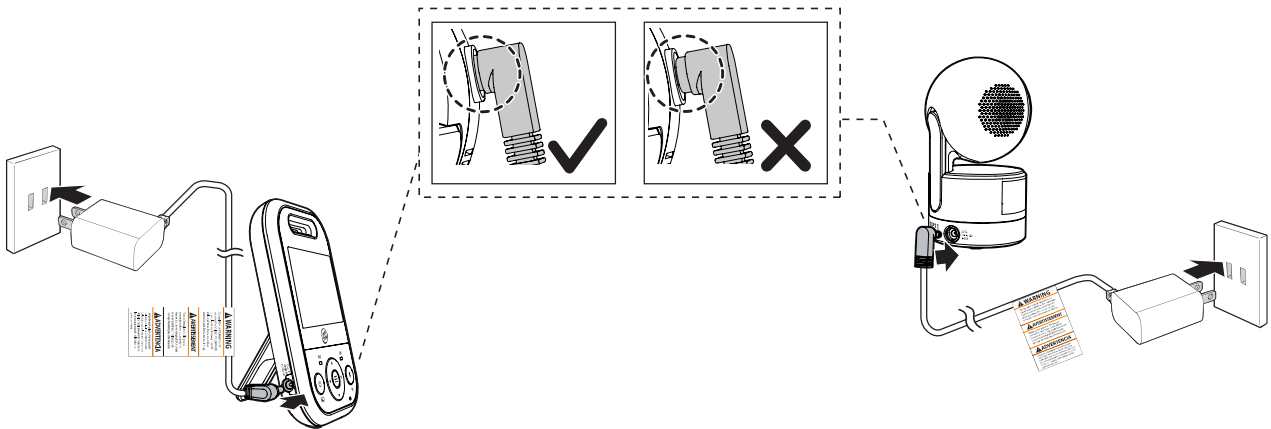
	<p><b>Battery low</b></p> <ul style="list-style-type: none"> <li>• The Parent Unit battery is low and needs charging.</li> </ul>
	<p><b>No link</b></p> <ul style="list-style-type: none"> <li>• The Parent Unit is searching for baby unit or the link between the baby unit and the Parent Unit has been lost.</li> </ul>
	<p><b>Operation in progress</b></p>
	<p><b>AC adapter inserted</b></p> <ul style="list-style-type: none"> <li>• The Parent Unit is connected to AC power.</li> </ul>
	<p><b>Temperature too high</b></p> <ul style="list-style-type: none"> <li>• The temperature detected by the baby unit is higher than the maximum temperature alert setting.</li> </ul>
	<p><b>Temperature too low</b></p> <ul style="list-style-type: none"> <li>• The temperature detected by the baby unit is lower than the minimum temperature alert setting.</li> </ul>

# Connect the Baby Monitor

Connect the parent unit and baby unit to a power supply with the included power adapters.

## Notes:

- The rechargeable battery in the parent unit is built-in.
- Use only the power adapters supplied with this product.
- Make sure the parent unit and the baby unit are not connected to an electronically controlled electric outlet.
- Connect the power adapters in a vertical or floor mount position only. The adapter prongs are not designed to hold the weight of the parent unit and the baby unit, so do not connect them to any ceiling, under-the-table, or cabinet outlets. Otherwise, the adapters may not properly connect to the outlets.
- Make sure the Parent Unit, the baby unit and the power adapter cords are out of reach of children.




# Charge the Parent Unit Battery




The parent unit runs on a rechargeable battery or AC power. To continuously monitor your baby, keep the parent unit connected to AC power.

The parent unit turns on automatically after it connects to the power socket, and its battery will charge at the same time.

## Notes:

- Before using the baby monitor for the first time, charge the parent unit battery for 12 hours. When the parent unit battery is fully charged, the battery icon becomes solid .
- The standby time varies depending on your actual use.

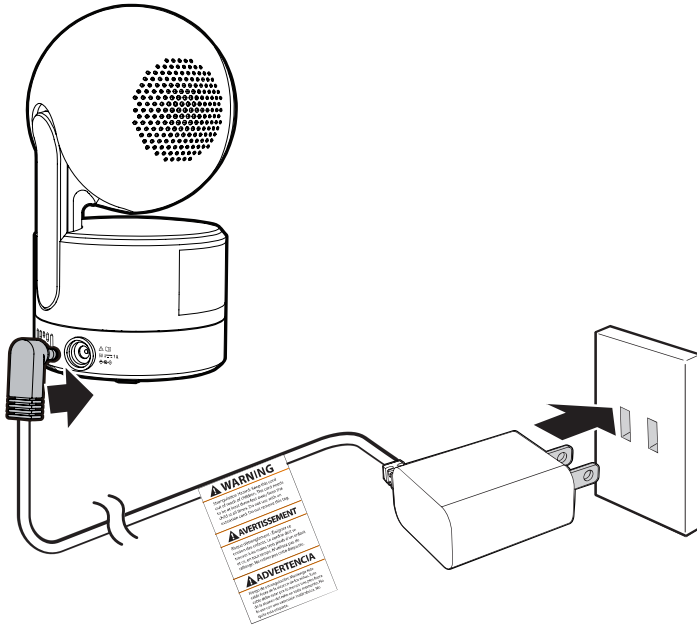
The battery icon on the screen indicates the battery status (see the following table).



Battery Indicators	Battery Status	Action
The screen displays  The  LED light flashes.	The battery power is very low and may only be used for a short time.	Charge without interruption (about 30 minutes).
The battery icon becomes solid  .	The battery is fully charged.	To keep the battery charged, connect it to AC power when in use.

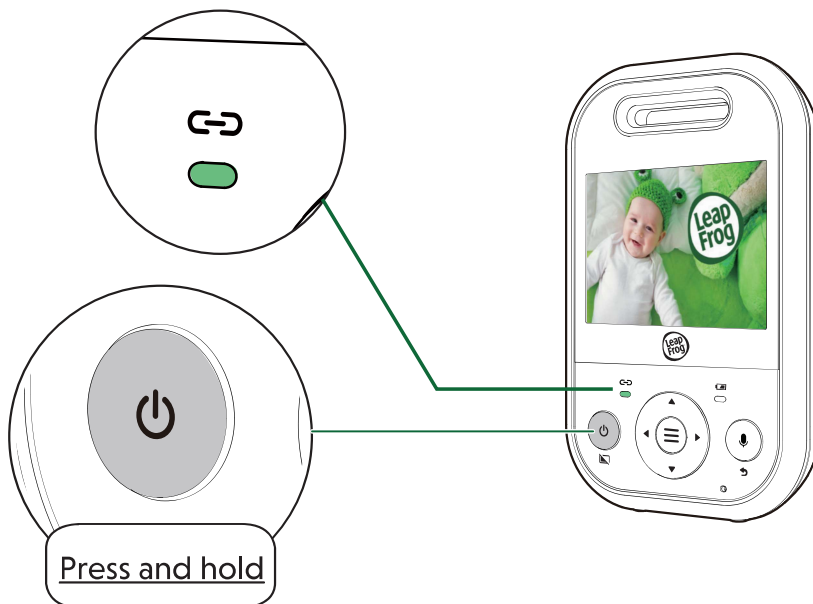
# Power on/off


1. Connect the power adapter to the Baby Unit and a power supply to power on the unit.

Disconnect from the power supply to power off.



2. Press and hold  to turn on the parent unit, the welcome screen appears and the green  **LINK** LED flashes.



3. Once your baby unit and parent unit are powered on, the parent unit and baby unit will pair each other automatically. When they are connected successfully, the  **LINK** LED lights steadily. And your parent unit streams live video from the baby unit.

# Testing the Sound Level

You may test your baby monitor before initial use, and at regular times thereafter.



1. Make sure your baby unit and parent unit are on.
2. Speak towards the microphone of the baby unit, you will hear your voice transmitting from the parent unit.

## **Caution:**

For hearing protection, make sure the parent unit is more than 1m away from the baby unit. If you hear any feedback noise from the parent unit, move the parent unit further until the noise stops. You can also lower or mute the noise by adjusting the speaker volume on the Parent Unit.



## **Tips:**

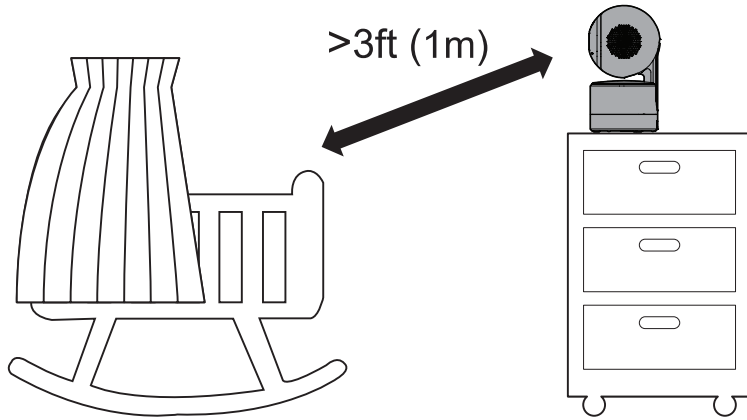
- Increase the parent unit speaker volume if you cannot hear the sound transmitted from the baby unit.
- When the parent unit displays , and the  **LINK** LED flashes, the parent unit may be out of range of the baby unit, or the baby unit is out of power, the parent unit beeps, move the parent unit closer to the baby unit.



# Positioning the Baby Monitor

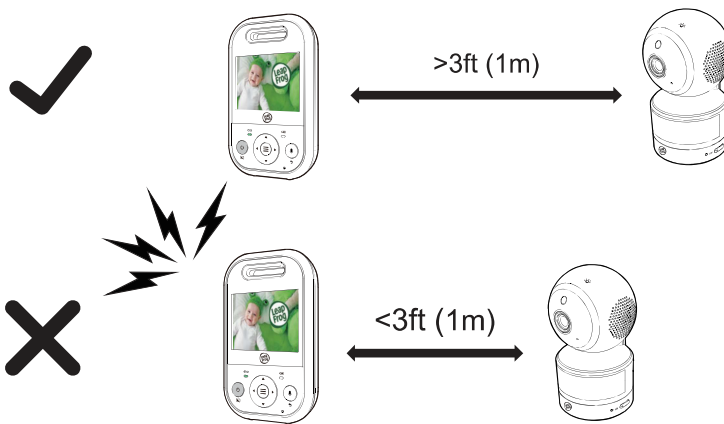
**Caution:** Keep the baby unit out of the reach of your baby. Never place or mount the baby unit inside the baby's cot or playpen.

Place the baby unit more than 3ft (1m) away from your baby.

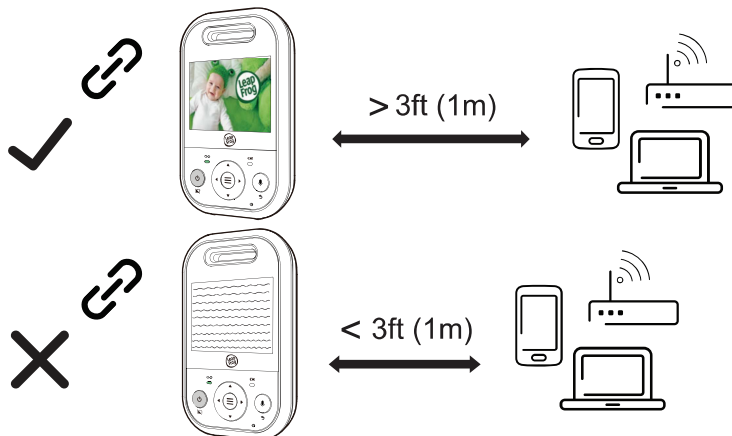


## Cautions:

- The default volume of your parent unit is level 3, and the maximum volume is level 5. If you experience feedback noise from your baby monitor while positioning:
  - Make sure your baby unit and parent unit are more than 3ft (1m) apart; **OR**
  - Lower the volume of your parent unit.







- To avoid interference from other electronic devices, place your baby monitor at least 3ft (1m) away from devices such as wireless routers, microwaves, mobile phones and computers.





# Basic Operation

## Talk to Your Baby via the Baby Unit

You can use the **Talk** function on the parent unit to comfort your baby from the other room.

1. Press and hold the  key. The status icon  and  appear on the screen.
2. Speak towards the microphone on the parent unit. Your voice is transmitted to the baby unit.
3. When finished talking, release the  key to hear your baby again.

### **Notes:**

- The parent unit speaker is muted during voice broadcast. Sound transmission from the baby unit resumes after  is released.
- After around 20 seconds of sound re-transmission, the speaker returns to mute if you had set it to mute before pressing .
- The baby unit talkback volume can be adjusted via the parent unit menu. See **Adjust the Baby Unit Speaker Volume on page 24**.

# Use the Menu

Press **≡** on the parent unit to enter the main menu, choose a menu item, or save a setting. You can use the parent unit menu for advanced settings or operations, such as to play or stop the baby unit lullaby, or to adjust the baby unit sound sensitivity.

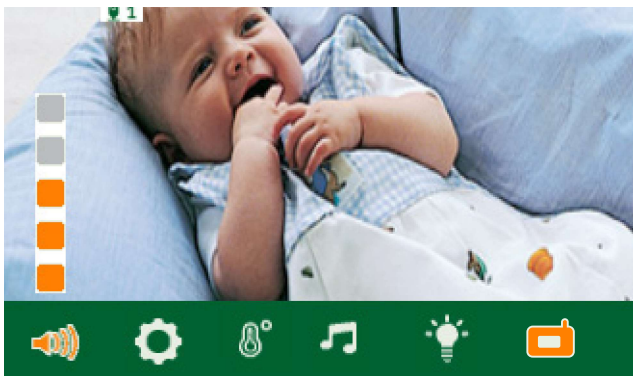
While in the menu:

- Press **◀** or **▶** to scroll among the menu options.
- Press **≡** to select an item, or to save a setting.
- Press **▲** or **▼** to scroll among the sub-menus, or to adjust a setting.
- Press **▶** to return to the previous menu options without changing the current setting.
- Press **🎤 / ↶** to return to the live video.

# Adjust Speaker Volume










Press **≡** to enter the main menu, press **▲** or **▼** to adjust the parent unit speaker volume level received from the baby unit.

Press **≡** to confirm.











# Zoom, Pan and Tilt the Camera

## Zoom

1. Press  to enter the main menu.
2. Press  or  to go to settings menu .
3. Press  to select .
4. Press  or  to select and press  to confirm.

You can zoom in or out your image between **1x** and **2x**.

## Pan and tilt

- Press  on the parent unit to move the camera leftward; or press and hold  to move the camera leftward continuously.
- Press  on the parent unit to move the camera rightward; or press and hold  to move the camera rightward continuously.
- Press  on the parent unit to move the camera upward; or press and hold  to move the camera upward continuously.
- Press  on the parent unit to move the camera downward; or press and hold  to move the camera downward continuously.


## OR

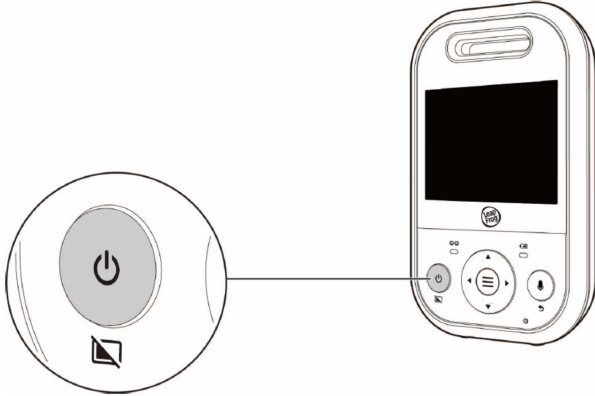
Manually tilt the camera angle up and down by pushing the lens portion upwards or downwards to aim at your baby.



# Turn on/off the Parent Unit Screen

You can turn on or turn off the parent unit screen without powering off the unit. When the screen is turned off, you can still hear from the baby unit.

- Press  on the parent unit to turn off the screen.
- Press any key on the parent unit to turn the screen on again.



# Adjust Screen Brightness

You can change the brightness of the parent unit screen from Level 1 to Level 5. The LCD screen brightness is preset to Level 3.












**To adjust LCD brightness:**

1. Press  when the parent unit is idle.
2. Press  or  to go to settings menu .
3. Press  or  to select  (**Brightness**), then press .
4. Press  to increase or press  to decrease the brightness, then press  to confirm your setting.

# Advanced Operation

## Adjust Screen off Timer

You can set a specific time interval to turn off the parent unit screen, when no keys are pressed or alerts are received from the baby unit.

1. Press  when the parent unit is idle.
2. Press  or  to go to settings menu .
3. Press  or  to select  (**Screen off timer**), then press .
4. Press  or  to select **OFF**, **5 min**, **30 min**, **60 min** or **VOX** and press  to confirm.

## Adjust VOX Sensitivity Level

You can choose to hear sounds from the baby unit continuously, or to only hear sounds that exceed a set VOX (Voice Activated Alert) sensitivity setting.






When the baby unit detects sounds that exceed the selected level, the parent unit screen turns on if it has been switched off, and the baby unit transmits the detected sounds to the Parent Unit. You will immediately be able to see and hear your baby.

The night light will also turn on if you set the **Night Light Timer** to **Auto**.

Adjust the microphone sensitivity of your baby unit, the higher the sensitivity level, the more sensitive the baby unit is in detecting sounds to be transmitted to the parent unit.

To adjust VOX sensitivity level:

1. Follow the steps in **Adjust Screen off Timer** to set the **Screen off timer** to **VOX**.
2. Press  or  to increase or decrease the sensitivity level.

VOX Sensitivity Level	Level 5 (Highest) 	Level 4 (High) 	Level 3 (Medium) 	Level 2 (Low) 	Level 1 (Lowest) 
Description	(Default setting) The parent unit screen and speaker turn on for very small sounds, including background noises from your baby's room.	The parent unit screen and speaker turn on for soft babbling and louder sounds from your baby. The parent unit remains quiet when your baby sleeps soundly.	The parent unit screen and speaker turns on for loud babbling and louder sounds from your baby. The parent unit remains quiet when your baby makes soft sounds.	The parent unit screen and speaker turn on for crying and louder sounds from your baby. The parent unit remains quiet when your baby makes soft sounds.	The parent unit screen and speaker turn on for loud crying or screeching sounds from your baby. The parent unit remains quiet when your baby makes soft sounds.














# Temperature

## Temperature Alert

















Your baby unit can help you keep track of your baby's room temperature in order to ensure that your baby stays in the comfort zone at all times.

With temperature sensor, the relevant data will be shown on the status bar when you powered on your units. If the detected temperature is out of the preset temperature range, the Parent Unit beeps.

### *Turn on/off the Temperature Alert*














1. Press  when the parent unit is idle.
2. Press  or  to go to  (Temperature).
3. Press  or  to select  (Temperature alert), then press .
4. Press  or  to select  or , then press  to turn on or off temperature alert.

## Set the Temperature Range

1. Press  when the parent unit is idle.
2. Press  or  to go to  (Temperature).
3. Press  or  to select , then press .
4. Press  or  to select  or , press .
5. Press  or  to set the maximum or minimum temperature, and then press  to confirm.

## Set Temperature Format













You can choose to display the temperature in Fahrenheit (°F) or Celsius (°C)

1. Press  when the parent unit is idle.
2. Press  or  to go to  (Temperature).
3. Press  or  to select , then press .
4. Press  or  to select  or , press  to confirm.

# Play Lullaby

There are 2 melodies and 2 soothing sounds in the baby monitor for you to comfort your baby with.

## To play the lullaby












1. Press  when the parent unit is idle.
2. Press  or  to go to lullaby menu .
3. Press  or  to select , then press .
4. Press  or  to select a melody or a soothing sound, or select  to stop playing.
5. Press  to confirm your selection.

### Notes:

- The selected lullaby will play for 30 minutes and stops automatically.
- The lullaby playback on the baby unit will be paused when receiving talkback from the Parent Unit.

## Adjust Baby Unit Speaker Volume

To adjust the lullaby playing and talkback volume level transmitted from the parent unit:


1. Press  when the parent unit is idle.
2. Press  or  to go to lullaby menu .
3. Press  or  to select , then press .
4. Press  or  to select a volume level, and press  to confirm.

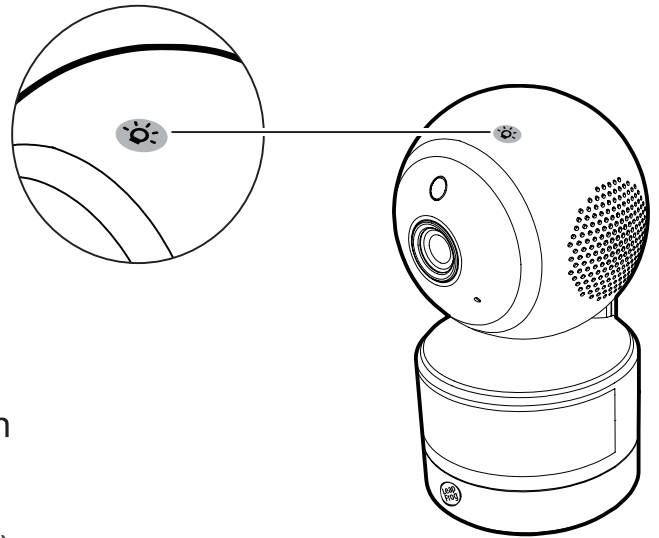


# Night Light





You can control the night light remotely on the parent unit or directly on the baby unit.

## On the Baby Unit




Tap the **Night Light Control Key**  located on the top of the baby unit to turn on/off the night light.











## On the Parent Unit

1. Press  to enter the main menu when the parent unit is idle.
2. Press  or  to go to  (**Night Light**) menu.













### To turn on/off the night light:

- Press  to toggle between  or .





### To change the night light color:

- Press  or  to scroll to  (**Night Light Color**), press . Then, press  or  to select one of the seven colors, or you can select  to change to all seven colors in cycles. Press  to confirm your selection.

### To set the night light timer:


- Press  or  to scroll to  (**Timer**), press . Then, press  or  to set timer    to turn the night light off. Or select  to keep the night light on, and press  to confirm your setting.
- Set timer to  to turn on the night light when baby unit detects sound. It will turn off after 15 minutes of no sound detection. You can set **VOX sensitivity level** to detect sound that exceeds setting level. See **Adjust VOX Sensitivity Level on page 22**.

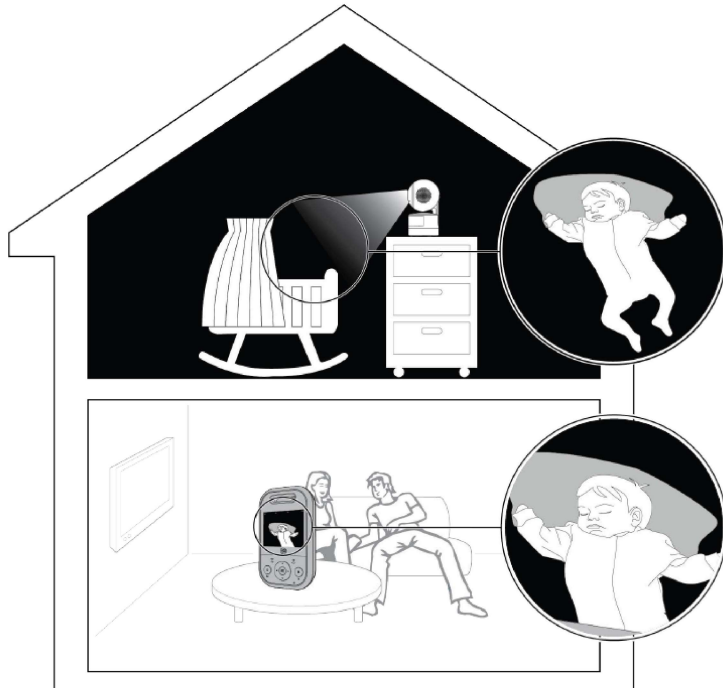
### To turn on/off the ambience light:

- Press  or  to scroll to , press . Turn on/off the adaptive night light feature. When this feature is on, the baby unit detects the ambience light. If the room is bright, the night light adjusts itself to be brighter; if the room is dim, the night light adjusts itself to be less bright.

# Night Vision

The baby unit has infrared LEDs that allow you to see your baby clearly at night or in a dark room. When the baby unit being viewed detects low light levels, the infrared LEDs switch on automatically.

When the night vision mode is activated, the images from the baby unit are in black and white, and  also appears on the screen.





## Notes:

- It is normal to see a short white glare on your parent unit screen as the baby unit adapts to the dark environment.
- If you adjust the night vision mode while night vision is not activated, the new settings will be saved and applied the next time it activates.










**Tip:** The video quality may vary depending on the surrounding environment and interfering factors like lighting, objects, color and backgrounds. Adjust the baby unit angle or place the baby unit at a higher elevation to prevent glare and a blurry display.

# Monitoring Modes (LF2513-2 only)

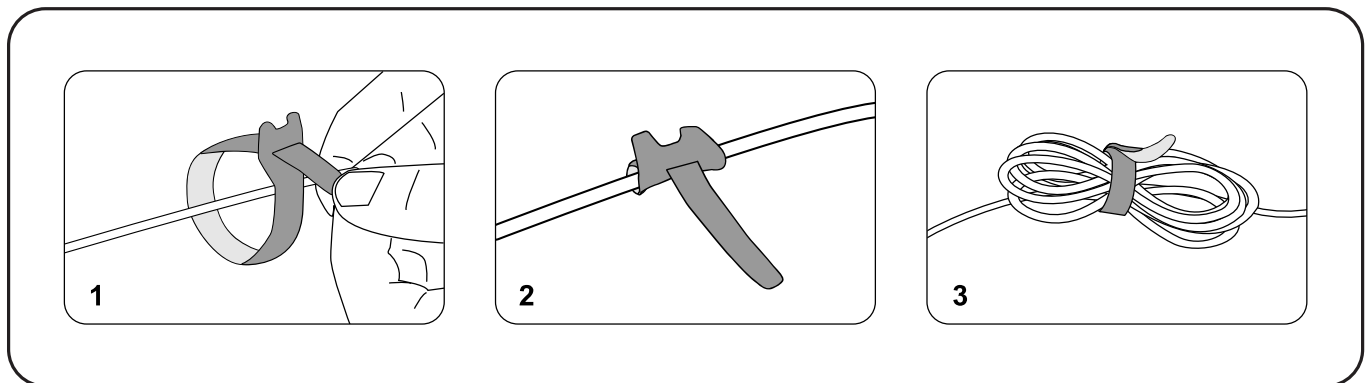
When more than one baby unit is paired to the parent unit, you can choose to view different baby units in three monitoring modes. Learn more about each below:

<b>Single Mode</b>		The screen displays images only from the selected baby unit in full screen.
<b>Patrol Mode</b>		The screen displays a single cam view that transitions to a different baby unit every 10 seconds.

## Change the Monitoring Mode

1. Press  when the parent unit is idle.
2. Press  to go to  **Monitoring Mode** menu.
3. Press  or  to choose between **Single**   and **Patrol**  monitoring mode options. Press  to confirm.

## Cable Management



# Additional Information

## General Product Care

To keep this product working well and looking good, follow these guidelines:

- Avoid placing it near heating appliances and devices that generate electrical noise (for example, motors or fluorescent lamps).
- DO NOT expose it to direct sunlight or moisture.
- Avoid dropping the product or treating it roughly.
- Clean with a soft damp cloth.
- DO NOT immerse the Parent Unit and the baby unit in water and do not clean them under running water.
- DO NOT use cleaning spray or liquid cleaners.
- Make sure the Parent Unit and the baby unit are dry before you connect them to the mains again.

## Storage

When you are not going to use the baby monitor for some time, store the Parent Unit, the baby unit and the adapters in a cool, dry place.

## Adult Supervision

- This baby monitor should be used as an aid and proper adult supervision is required.
- Do not place the baby unit inside the crib or playpen.
- As for children's safety, touch or play with the baby monitor and all the accessories are not allowed. THIS IS NOT A TOY.

## Technical Specifications

Frequency control	Crystal controlled PLL synthesizer
Transmit frequency	Baby unit: 2405-2475 MHz Parent Unit: 2405-2475 MHz Maximum power used by the transmitter: 0.1W (100mW)
Channels	32
LCD	2.8" Color LCD (QVGA 320x240 pixel)
Nominal effective range	Actual operating range may vary according to environmental conditions at the time of use.
Power requirement	Parent unit: 3.8V 2100mAh Lithium-ion battery Baby unit power adapter: Output: 5V DC @ 1A Parent unit power adapter: Output: 5V DC @ 1A

Credits:

The *Background Noise* sound file was created by Caroline Ford, and is used under the Creative Commons license.

The *Stream Noise* sound file was created by Caroline Ford, and is used under the Creative Commons license.

The *Crickets At Night* sound file was created by Mike Koenig, and is used under the Creative Commons license.

The *Heart Beat* sound file was created by Zarabadeu, and is used under the Creative Commons license.

## The RBRC seal



The RBRC seal on the Li-ion battery indicates that VTech Communications, Inc. is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful lives, when taken out of service within the United States and Canada. The program provides a convenient alternative to placing used Li-ion batteries into the trash or municipal waste, which may be illegal in your area.

VTech's participation makes it easy for you to drop off the spent battery at local retailers participating in the program or at authorized VTech product service centers. Please call 1 (800) 8 BATTERY® for information on Li-ion battery recycling and disposal bans/restrictions in your area. VTech's involvement in this program is part of its commitment to protecting our environment and conserving natural resources. The RBRC Seal and 1 (800) 8 BATTERY® are registered trademarks of Call2recycle, Inc.

## California Energy Commission battery charging testing mode

This baby monitor meets the California Energy Commission (CEC) regulations for energy consumption. Your baby monitor is set up to comply with the energy-conserving standards right out of the box. Follow the instructions to install and charge the battery. The CEC battery charging testing mode is activated while charging. Even if the Parent Viewer is paired to Baby Units, the CEC battery charging testing mode is activated while it is powered off and charging.

## Disclaimer and Limitation of Liability

LeapFrog and its suppliers assume no responsibility for any damage or loss resulting from the use of this handbook. LeapFrog and its suppliers assume no responsibility for any loss or claims by third parties that may arise through the use of this software. LeapFrog and its suppliers assume no responsibility for any damage or loss caused by deletion of data as a result of malfunction, dead battery, or repairs. Be sure to make backup copies of important data on other media to protect against data loss.

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 UNDESIRE OPERATION.

CAN ICES-3 (B)/NMB-3(B)

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

Warranty: Please visit our website at [leapfrog.com](http://leapfrog.com) for full details of the warranty provided in your country.

## FCC and IC regulations

FCC Part 15

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended 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.

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

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.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The Baby Unit shall be installed and used such that parts of all persons' body are maintained at a distance of approximately 8 in (20 cm) or more. The transmitter and antenna of the Parent Viewer shall be held at least 1 in (2.5 cm) from your face.

This Class B digital apparatus complies with Canadian requirement: CAN ICES-3 (B)/NMB-3(B)

Industry Canada

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The term "IC:" before the certification/registration number only signifies that the Industry Canada technical specifications were met.

This product meets the applicable Innovation, Science and Economic Development Canada technical specifications.

#### RF radiation exposure statement

The product complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The Baby Unit should be installed and operated with a minimum distance of 8 in (20 cm) between the Baby Unit and all persons' body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. This equipment complies also with Industry Canada RSS-102 with respect to Canada's Health Code 6 for Exposure of Humans to RF Fields.

## For cETL compliance only

#### Mesures de sécurité importantes

La plaque signalétique appliquée est située au bas du socle de l'unité du bébé.

Lorsque vous utilisez votre appareil, vous devriez toujours suivre certaines mesures de précaution de base afin de réduire les risques d'incendie, d'électrocution et de blessures corporelles, dont ceux qui suivent :

1. Observez toutes les instructions et mises en garde inscrites sur l'appareil.
2. L'installation par un adulte est requise.
3. MISE EN GARDE: N'installez pas l'unité du bébé à une hauteur supérieure à 2 mètres.
4. Ce produit ne remplace pas la surveillance adulte du nourrisson. La supervision du nourrisson est la responsabilité du parent ou de la personne qui s'occupe de l'enfant. Ce produit pourrait cesser de fonctionner et, par conséquent, vous ne devriez pas présumer qu'il continuera de fonctionner correctement pendant une période de temps donnée. De plus, il ne s'agit pas d'un instrument médical et ne devrait pas être utilisé comme tel. Ce produit est destiné à vous aider à superviser votre bébé.
5. N'utilisez pas cet appareil près de l'eau ni de toute autre source d'humidité, par exemple, près d'une baignoire, cuve à lessive, évier de cuisine, dans un sous-sol humide ni près d'une piscine, dans un sous-sol humide ou une douche.
6. MISE EN GARDE: N'utilisez que la pile fournie. Il peut y avoir un risque d'explosion si un mauvais type de pile est utilisé pour le dispositif apaisant. La pile ne peut pas être soumise à des températures extrêmes élevées ou basses et à une faible pression atmosphérique à haute altitude pendant son utilisation, son entreposage ou son transport. Le fait de jeter la pile dans un feu ou dans un four chaud, ou d'écraser ou de couper mécaniquement la pile peut entraîner une explosion. Le fait de laisser la pile dans un environnement à température extrêmement élevée peut entraîner une explosion ou une fuite de liquide ou de gaz inflammable. Une pile soumise à une pression d'air extrêmement basse peut provoquer une explosion ou une fuite de liquide ou de gaz inflammable. Mettez au rebut la pile usagée conformément aux informations figurant dans la section Le sceau RBRC.
7. N'utilisez que les adaptateurs inclus avec ce produit. L'utilisation d'un adaptateur dont la polarité ou la tension serait inadéquate risque d'endommager sérieusement le produit et mettre votre sécurité en péril.

#### Informations sur les adaptateurs électriques :

Adaptateur de l'unité du parent : Sortie : 5V DC 1A  
VTech Telecommunications Ltd. Modèle: VT05EUS05100  
Adaptateur de l'unité du bébé : Sortie : 5V DC 600mA  
VTech Telecommunications Ltd. Modèle : VT05EUS05060

#### Informations sur les piles rechargeables :


Zhuhai Great Power Energy Co., Ltd.  
Lithium battery, 3.6V 2600mAh 9.36Wh  
Modèle : ICR18650-2.6Ah-3.6V-1S1P

8. Lorsqu'ils sont branchés dans une prise de courant, les adaptateurs secteur ont été conçus pour être orientés correctement, soit à la verticale ou au plancher. Les broches n'ont pas été conçues pour supporter le poids du bloc d'alimentation et le maintenir en place si celui-ci est branché dans une prise au plafond, sous une table ou dans un meuble.
9. Pour les PRODUITS À BRANCHER À UNE PRISE DE COURANT, la prise de courant doit être installée près du produit, afin d'assurer une accessibilité sécuritaire à la prise de courant.
10. Débranchez ce produit de la prise de courant avant de procéder au nettoyage. N'utilisez pas de nettoyants en aérosols. Utilisez un chiffon humide pour le nettoyer.
11. Ne coupez pas les cordons d'alimentation pour remplacer les fiches, car ceci peut présenter un danger potentiel.
12. Ne laissez aucun objet reposer ni appuyer sur le cordon d'alimentation. N'installez pas cet appareil dans un endroit où l'on risque d'écraser le cordon d'alimentation ou de le piétiner.
13. Ne faites fonctionner cet appareil qu'avec le type d'alimentation indiqué sur l'étiquette. Si vous ne connaissez pas le type d'alimentation que vous possédez à votre domicile, consultez votre marchand ou votre compagnie locale d'électricité.
14. Ne surchargez pas les prises de courant murales ni les rallonges électriques.
15. Ne placez pas cet appareil sur un chariot, meuble, trépied, support de montage ni table chancelants.
16. Les trous et ouvertures du boîtier, situés à l'arrière de l'appareil ou sous celui-ci, servent à aérer l'appareil. Pour l'empêcher de surchauffer, ne bloquez sous aucun prétexte ces ouvertures et n'empêchez pas l'aération adéquate de l'appareil en le plaçant sur un lit, divan, tapis ou toute autre surface similaire.  
De même, ne le positionnez pas à proximité ni au-dessus d'une source de chaleur ou d'un calorifère. De plus, ne placez pas l'appareil dans un endroit avant de vous assurer qu'il y ait une bonne circulation d'air.
17. N'enfoncez jamais d'objets à travers les ouvertures de cet appareil, car ils pourraient entrer en contact avec des points de tension dangereux ou causer des courts-circuits qui peuvent dégénérer en incendies ou en risques d'électrocution. Ne renversez jamais de liquide dans ce produit.
18. Afin de réduire les risques d'électrocution, ne démontez pas cet appareil, mais apportez-le dans un centre de service autorisé. L'ouverture du boîtier ou le retrait de toutes pièces que contient cet appareil, à l'exception de l'accès autorisé à certaines portes ou ouvertures, risque de vous exposer à des points de tension dangereux ou d'autres dangers. Un remontage incorrect peut par la suite présenter des risques d'électrocution.
19. Vous devriez tester la réception chaque fois que vous mettez l'appareil en fonction.
20. Examinez les composantes afin de vérifier si celles-ci ne sont pas endommagées.
21. Il existe un très faible risque de perte de confidentialité avec certains appareils électroniques (autres écoute-bébés, téléphones sans fils etc.). Pour l'éviter, s'assurer que le produit n'a jamais été utilisé avant l'achat, réinitialiser l'unité de façon périodique, éteindre l'écoute-bébé quand il n'est pas en cours d'utilisation.
22. Les enfants devraient être supervisés afin de vous assurer qu'ils ne jouent pas avec l'appareil.
23. Le produit n'est pas conçu pour être utilisé par des personnes (incluant des enfants) aux capacités physiques, sensorielles ou mentales réduites ou qui manquent d'expérience et de connaissances, à moins qu'on leur ait donné suffisamment de supervision ou d'instructions relativement à l'utilisation de l'appareil par une personne responsable de leur sécurité.

## CONSERVEZ CES INSTRUCTIONS

### Mises en garde

1. Utilisez et entreposez le produit à une température entre 0°C (32°F) et 40°C (104°F).
2. N'exposez pas cet appareil à des froids ou des chaleurs extrêmes, ainsi qu'à la lumière directe du soleil. Ne l'installez pas près d'une source de chauffage.
3. Le bloc-piles ne doit pas être exposé à la chaleur excessive telle que la lumière du soleil ou au feu.

4.  Avertissement - Risque de strangulation - Les enfants se sont ÉTRANGLÉS dans des cordons. Gardez ce cordon hors de portée des enfants (à plus de 0,9 m). N'enlevez pas cette étiquette.
5. Ne jamais placer le moniteur à l'intérieur du berceau ou du parc de bébé. Ne jamais couvrir le moniteur ou l'unité (s) portable avec un article tel une serviette ou une couverture.
6. D'autres équipements électroniques peuvent produire des interférences sur votre moniteur vidéo et audio. Tentez d'installer votre moniteur vidéo ou audio à l'écart des appareils électroniques tels que des routeurs sans fil, radios, téléphones cellulaires, interphones, moniteurs, téléphones, ordinateurs personnels, électroménagers et téléphones sans fil.



### Stimulateurs cardiaques implantés dans l'organisme

Les stimulateurs cardiaques (ne s'applique qu'aux dispositifs numériques sans fil) :

L'organisme 'Wireless Technology Research, LLC (WTR)', une firme de recherche indépendante, a mené une évaluation pluridisciplinaire des interférences entre les téléphones sans fil portatifs et les stimulateurs cardiaques implantés dans l'organisme. Appuyée par l'Administration des aliments et drogues (FDA) des États-Unis, la firme WTR recommande aux médecins:

#### Avis aux détenteurs de stimulateurs cardiaques

- Vous devriez maintenir les dispositifs sans fil à au moins six pouces du stimulateur cardiaque.
  - Ils ne doivent PAS placer le téléphone sans fil directement sur le stimulateur cardiaque, tel que dans une poche de chemise, lorsque celui-ci est en marche.
- L'étude effectuée par l'organisme WRS n'a pas identifié de risque pour les détenteurs de stimulateurs cardiaques causés par les gens qui utilisent dispositifs sans fil à proximité de ceux-ci.

### Champs électromagnétiques (EMF)

Ce produit de LeapFrog est conforme à toutes les normes se rapportant aux champs électromagnétiques (EMF) standard. Si vous le manipulez correctement en suivant les instructions de ce guide, son utilisation sera sécuritaire pendant de nombreuses années, selon les meilleures évidences scientifiques dont nous disposons aujourd'hui.