



Full Color Video Monitor

LF2423
LF2423-2



Parent Guide

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

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about products, downloads, resources and more.

Read our complete warranty policy online at
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Important Safety Instructions

The applied name plate is located at the bottom of the baby unit base. When in use, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

- Follow all warnings and instructions marked on the product.
- Adult setup is required.
- CAUTION:** Do not install the baby unit at a height above 2 meters.
- 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.
- This product is not intended for use as a medical monitor.
- Do not use this product near water, for example, near to a bath, sink, swimming pool or shower.
- CAUTION:** Use only the internal, non-user replaceable battery fitted to the parent unit. 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 batteries in fire or a hot oven, mechanically crushing or cutting the battery can result in an explosion. Subjecting products or batteries to an extremely high temperature environment can result in explosion or leakage of flammable liquids, or gas. Products or batteries subjected to extremely low air pressures may result in explosion or leakage of flammable liquids, or gas. Dispose of used batteries according to the information in **The RBRC seal**.
- Use only the adapters included with this product. Incorrect adapter polarity or voltage can seriously damage the product.



Power adapter information:

Baby Unit Output: 5V DC 600mA;
V-Tech Telecommunications Ltd.; Model: VT05EUS05060
Parent Unit Output: 5V DC 1A;
V-Tech Telecommunications Ltd.; Model: VT05EUS05100
-OR-
Jiangxi Jian Aohai Technology Co., Ltd.
Model: A318-050100W-US2



Rechargeable battery information:

Zhongshan Tianmao Battery Co. Ltd
Li-ion battery, 3.8V 2100mAh 7.98Wh; Model: BP1763

- 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.
- For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.
- Unplug this product from the wall outlet before cleaning.
- Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning. Do not cut off the power adapters to replace them with other plugs, as this causes a hazardous situation.
- Do not allow anything to rest on the power cords. Do not install this product where the cords may be walked on or crimped.
- 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 local power company.
- Do not overload wall outlets or use an extension cord.
- Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
- 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 register.
- 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.
- To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Disassembling or removing parts of the product other than

battery replacement via a battery door (if applicable) may expose dangerous voltages or other risks.

- You should test the sound reception every time you turn on the units or move one of the components.
- Periodically examine all components for damage.
- 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 will not use it for some time.
- Children should be supervised to ensure that they do not play with the product.
- The small parts of this monitor can be swallowed by babies or small children. Keep these parts out of reach of children.
- 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.
- Mishandling batteries can cause burn, fire or explosion hazards.
- Batteries should not be exposed to excessive heat such as bright sunshine or fire.
- Warning—Strangulation Hazard—Children have STRANGLED in cords.** Keep this cord out of the reach of children (more than 3 ft (0.9m) away). Do not remove this tag.
- Never place the Baby Unit(s) inside the baby's crib 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

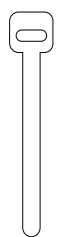
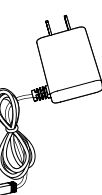
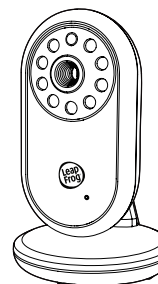
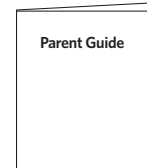
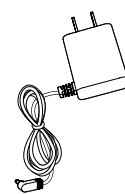
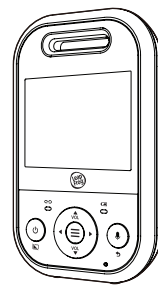
- Should keep wireless devices at least six inches from the pacemaker.
- Should NOT place wireless devices directly over the pacemaker, such as in a breast pocket, when it is turned ON.

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.

What's Included



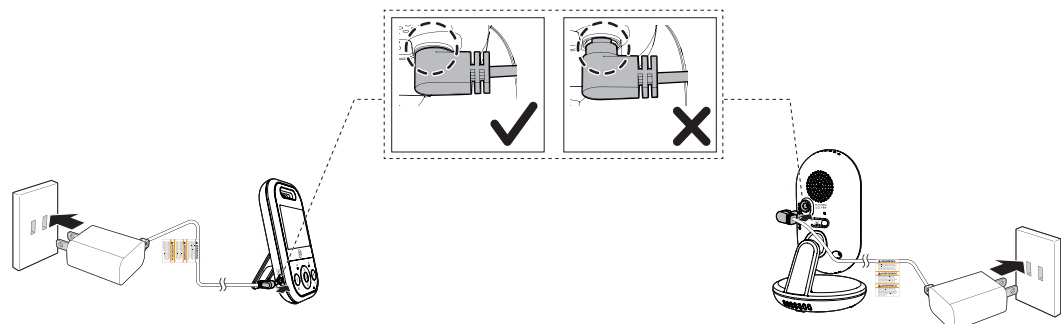
1 set for LF2423
2 sets for LF2423-2

Connect and Charge the Baby Monitor

1. Connect the Baby Monitor

Note:

- Baby Unit turns on automatically after it connects to the power socket.



2. Charge the Parent Unit Battery

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 segments are solid.
- The standby time varies depending on your actual usage time and the age of the battery.

The battery icon on the screen indicates the battery status:

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

3. Power On or Off the Baby Monitor

- 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.



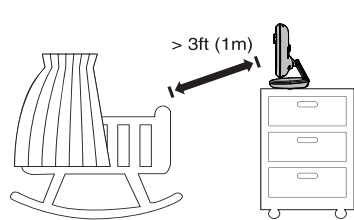
- Press and hold until the welcome screen appears.

4. Status Check

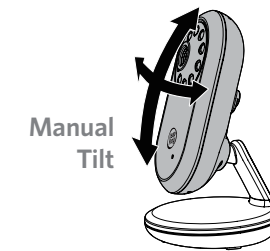
Once your Baby Unit and Parent Unit are powered on and connected, your Parent Unit displays video from Baby Unit, and the LINK LED light turns on.

5. Positioning the Baby Monitor

1



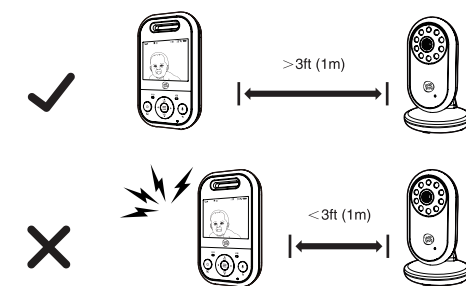
2



Caution:

Keep the baby unit out of the reach of your baby. Never place or mount the baby unit inside the baby's crib or playpen.

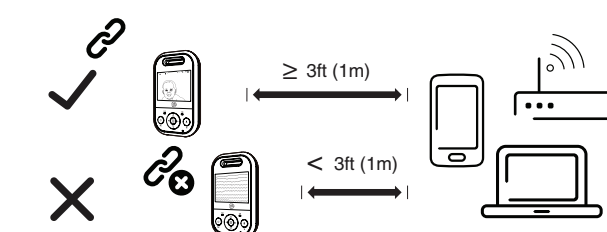
3



Note:

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

4

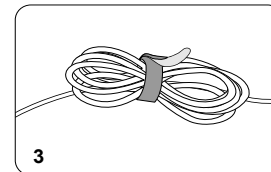
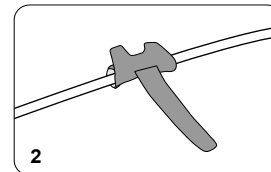
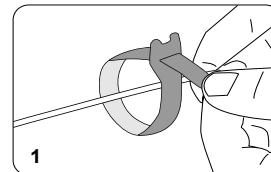


Caution:

The default volume of your Parent Unit is level 3, and the maximum volume is level 5. If you experience any feedback noise from your baby monitor while positioning:

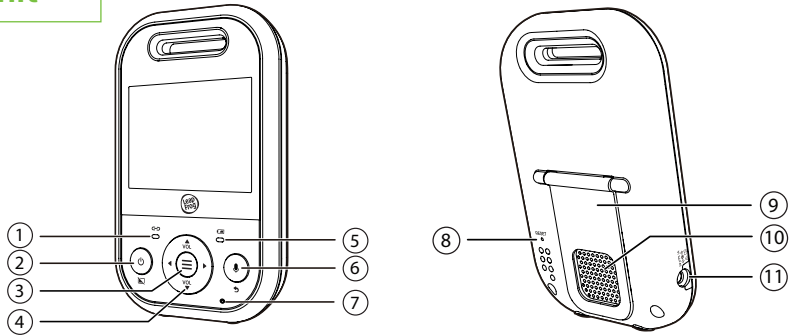
- Make sure your Baby Unit and Parent Unit are more than 3 feet (1 meter) apart, **OR**
- Lower the volume of your Parent Unit.

Cable Management



Overview

Parent Unit



- 1

↔ Link LED light
- 2

⏻ Power / 🖥️ LCD Off
- 3

☰ Menu / Select
- 4

VOL Volume

▪ View the volume adjustment bar.

◀▶▶▶▶ Arrow keys
- 5

🔦 Battery LED light
- 6

🗣️ Talk / ↶ Return
- 7

🎤 Microphone
- 8

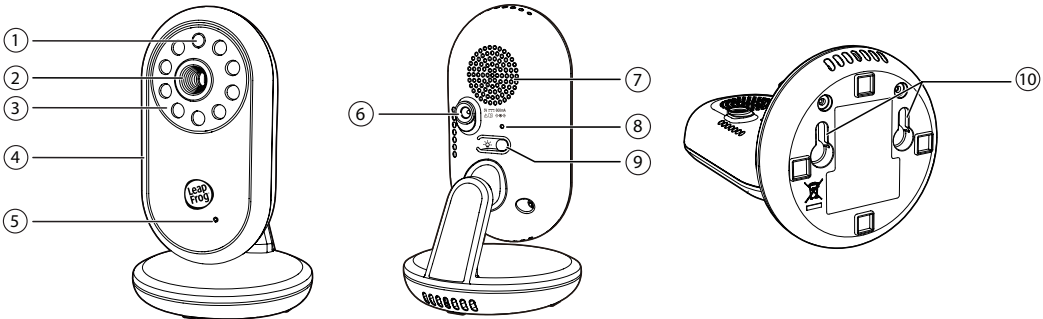
⏮ RESET
- 9

📶 Stand
- 10

🔊 Speaker
- 11

🔌 Power jack

Baby Unit



- 1

💡 Light sensor
- 2

📷 Camera lens
- 3

🔴 Infrared LEDs
- 4

🌙 Night light
- 5

🎤 Microphone
- 6

🔌 Power jack
- 7

🔊 Speaker
- 8

PAIR key

▪ The Parent Unit and Baby Unit(s) provided are already paired
- 9

🌙 Night light control key

▪ Press to turn the night light on or off.
- 10

📶 Slots for wall mounting

Parent Unit icons

Main Menu Icons

Volume

- 🔊

🔊

▪ Adjust the Parent Unit volume.

General Settings

- ☀️

Adjust screen brightness.
- 📴

Screen off timer

▪ select the screen off time.

🔊 VOX 60 min 30 min 5 min OFF

▪ adjust VOX (soud level) to activate the screen.

▪▪▪▪▪

Temperature

- 🔊

Turn on/off Temperature Alert.
- 🌡️

Select the minimum and maximum Temperature range.
- 🌡️

Temperature display format.

Lullaby

- 🎵

Select to play 2 melodies, 2 soothing sounds or stop the lullaby.

🎵 J4 🎵 J3 🎵 J2 🎵 J1
- 🔊

Set the lullaby volume.

Night Light

- 🔊

Turn on/off Night Light
- 💡

Turn on/off auto brightness.

- 💡

🕒 Set the Timer

60 min 30 min 15 min OFF

or auto-on when sound detected.

AUTO
- 🌈

Select from 7 night light colors

🌈1 🌈2 🌈3 🌈4 🌈5 🌈6 🌈7

or auto-color change.

💡

Monitoring mode (For LF2423-2 only)

- 📺

1 2

Select a camera to view.
- 📺

View in Patrol mode.

Status icon

- 📶

Connection status
- 📺

Baby unit 1 and 2 are being viewed in Patrol mode (*For LF2423-2HD only).
- 👤 1

Current view status
- 👤 2

▪ The baby unit number that is being viewed
- 💡

Night light is turned on.
- 💡

Auto-on night light is turned on.
- 🔍

Zoom is turned on.
- 🌙

Night vision is turned on.
- 🎵

Melodies and soothing sounds are playing.
- 🗣️

Talkback is on.

- 📶

Sound level indicator
- 🔊

Parent unit is muted.
- °F °C

Temperature
- 🔋

Battery level indicator
- 🔋

Low battery indicator

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 Unit 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 UNDESIRABLE 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 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 Unit 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: Utilisez uniquement la pile fournie. Un risque d'explosion pourrait survenir si un mauvais type de pile est utilisé pour l'unité du parent. La pile ne peut pas être soumise à des températures extrêmes élevées ou basses et à une faible pression d'air à haute altitude pendant l'utilisation, l'entreposage ou le transport. L'élimination de la pile dans le feu ou dans un four chaud, ou l'écrasement ou le découpage mécanique de la pile peuvent entraîner une explosion. Laisser la pile dans un environnement à température extrêmement élevée peut entraîner une explosion ou la fuite d'un liquide ou d'un 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. Éliminer la pile usagée conformément aux informations du 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 600mA
VTech Telecommunications Ltd. Modèle: VT05EUS05060
Adaptateur de l'unité du bébé : Sortie : 5V DC 1A
VTech Telecommunications Ltd. Modèle: VT05EUS05100

-Ou-
Jiangxi Jian Aohai Technology Co., Ltd.

Modèle : A318-050100W-US2

Informations sur les piles rechargeables :

Zhongshan Tianmao Battery Co. Ltd
Li-ion battery, 3.8V 2100mAh 798Wh;
Modèle: BP1763

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, trépid, 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.

Online Manual



Find the answer to your question on our knowledge-rich Online Manual. Get assisted at your own pace and learn what your monitor is capable of.

Scan the QR code to access the Online Manual or visit leapfrog.com/support



- 📄

Full Manual

Comprehensive help articles on product set up, operations and settings.
- 🎥

Video Tutorials

Walk-throughs on features and installation.
- ❓

FAQs & Troubleshooting

Answers to the most commonly asked questions, including troubleshooting solutions.

Customer Support



Visit our Consumer Support website 24 hours a day at:
United States:
leapfrog.com/support
Canada:
leapfrog.ca/support



Call our Customer Service number from Monday to Friday
9am - 6pm Central Time:
United States & Canada:
1 (800) 717-6031

Please visit our website at
leapfrog.com
for full details of the warranty provided in your country.

Technical Specifications

Frequency Control	Crystal controlled PLL synthesizer
Channels	32
Frequency	Baby unit: 2405 - 2475 MHz Parent unit: 2405 - 2475 MHz
LCD	2.8" Color LCD (QVGA 320x240 pixel)
Nominal effective range	Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.
Power requirements	Parent unit: 3.8V, 2100mAh Li-ion, 798Wh Li-ion battery Baby unit power adapter: Output: 5V DC @ 600mA Parent unit power adapter: Output: 5V DC @ 1A

Specifications are subject to change without notice.
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