vtech®
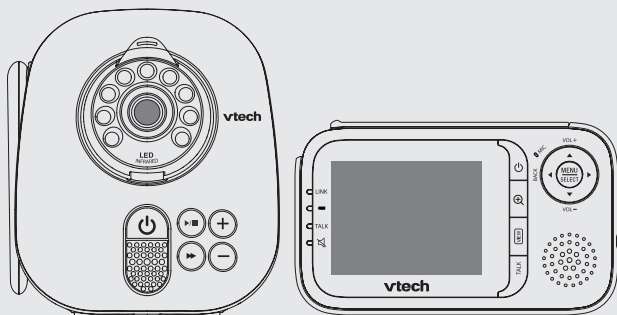
Baby monitor

User's manual

www.vtechbabymonitors.com

Models:
VM321/VM321-2

2.4 GHz

Congratulations

on purchasing your new VTech product. Before using this product, please read **Important safety instructions** on the following page of this manual.

This manual has all the feature operations and troubleshooting necessary to install and operate your new VTech product. Please review this manual thoroughly to ensure proper installation and operation of this innovative and feature rich VTech product. For support, shopping, and everything new at VTech, visit our website at www.vtechbabymonitors.com. In Canada, please visit www.vtechcanada.com.

Product introduction

VM321 is a baby monitor which consists of one parent unit (**VM321 PU**) and one baby unit (**VM321 BU**).

VM321-2 is a baby monitor which consists of one parent unit (**VM321-2 PU**) and two baby units (**VM321-2 BU**).

Important safety instructions

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. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
3. Do not use this product near water such as near a bath tub, wash bowl, kitchen sink, laundry tub or swimming pool, or in a wet basement or shower.
4. Use only the adapters included with this product. Incorrect adapter polarity or voltage can seriously damage the product.
   Baby unit power adapter:
   Input 100-120V AC 50/60 Hz; output: 6V DC 800 mA
   Parent unit power adapter:
   Input 100-120V AC 50/60 Hz; output: 6V DC 800 mA
5. Use only the batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.
6. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
7. 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. This product should not be placed in any area where proper ventilation is not provided.
8. 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.
9. Do not allow anything to rest on the power cord. Do not install this product where the cord may be walked on or crimped.
10. 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.
11. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removing parts of the product other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.

Important safety instructions (continued)

12. Do not overload wall outlets or use an extension cord.

13. 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.

14. **CAUTION**: There may be a risk of explosion if a wrong type of battery is used for the parent unit. Use only the supplied rechargeable battery (BT298555) or replacement battery pack (BT298555). Dispose of used battery according to the information in **The RBRC® seal** in the user's manual.

15. This product is not intended for use as a medical monitor.

16. Adult setup is required.

17. You should test the sound reception every time you turn on the units or move one of the components.

18. Periodically examine all components for damage.

19. Be aware of possible loss of privacy: Conversations may be picked up by other nursery monitors, cordless phones, scanners, etc.

SAVE THESE INSTRUCTIONS

Warning

Read this user manual carefully before you use the product and save it for future reference.

1. This baby monitor is intended as an aid. It is not a substitute for responsible and proper adult supervision and should not be used as such.

2. Never immerse any part of the baby monitor in water or any other liquid.

3. Check that the voltage indicated on the included power adapters corresponds to the voltage of your power outlets before you connect the product.

4. Only use the included power adapters to connect the parent and baby units to your power outlets.

5. Do not cut off the power adapters to replace them with other plugs, as this causes a hazardous situation.

6. If the power adapters are damaged, please only replace them with the same type in order to avoid a hazard. For the correct type of power adapter, please visit our website at www.vtechbabymonitors.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.

7. Never use the baby monitor in moist places or close to water.

8. In order to prevent electric shock, do not open the housing of the baby unit or parent unit except for the battery compartment covers. Except for the battery compartments, do not open the housing of the baby units or parent unit in order to prevent electric shock.

9. 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.

10. Children should be supervised to ensure that they do not play with the product.

11. Use only the specified type of battery. To purchase replacement battery, visit our website at www.vtechbabymonitors.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.

12. If the product will not be used for a long time, unplug the power adapters from the wall outlets, and unplug the rechargeable battery packs from the parent units.

13. Unplug the power cords before replacing batteries.

Cautions

1. Use and store the product at a temperature between 32°F and 104°F.
2. Do not expose the product to extreme cold, heat or direct sunlight. Do not put the product close to a heating source.
3. Make sure the baby unit and the adapter cord are always out of reach of the baby, at least 3 feet away from the baby or crib, to avoid a possible strangulation hazard.
4. Never place the baby unit inside the baby's crib or playpen.
5. Never cover the baby unit or parent unit with anything such as a towel or a blanket.
6. Always use the included rechargeable batteries for the parent unit to avoid a hazard.
7. Other electronic products may prevent the baby unit and the parent unit from communicating with each other. Install the 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.
8. Batteries should not be exposed to excessive heat such as bright sunshine or fire.

Electromagnetic fields (EMF)

This VTech 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.

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Getting started

Parts checklist

Your baby monitor package contains the following items. Save your sales receipt and original packaging in the event warranty service is necessary.
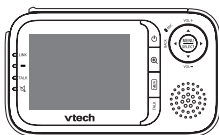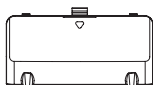
Parent unit
(VM321 PU/VM321-2 PU)

Baby unit
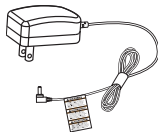(VM321 BU/VM321-2 BU)
(1 for VM321 and 2 for VM321-2)

Baby unit battery
compartment cover
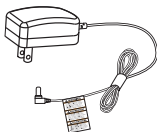(1 for VM321 and
2 for VM321-2)
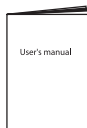
Parent unit battery
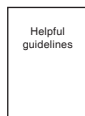compartment cover

Battery for
Parent unit

Parent unit
power adapter

Baby unit
power adapter
(1 for VM321 and
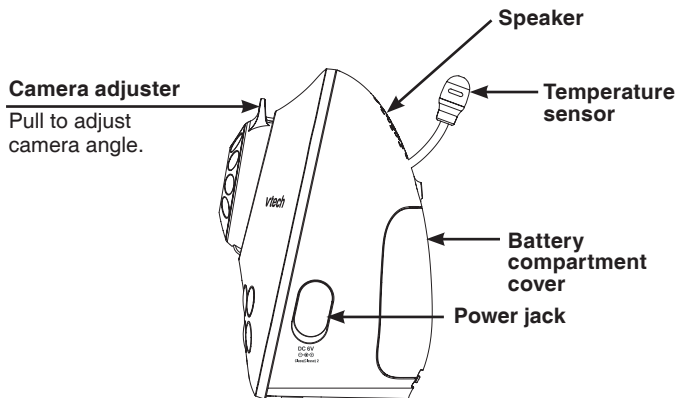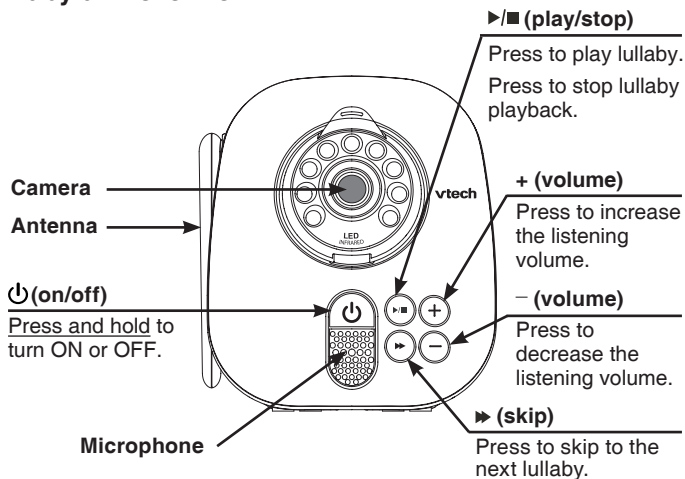2 for VM321-2)

User's manual

Helpful
guidelines

note To purchase a replacement battery or power adapters, visit our website at www.vtechbabymonitors.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.
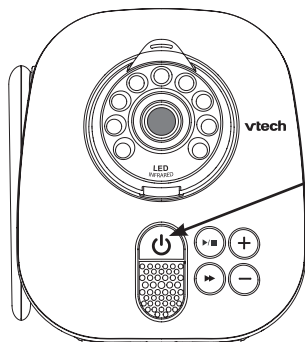
Getting started

Baby unit overview

▶/■ (play/stop)
Press to play lullaby.
Press to stop lullaby playback.

Camera

Antenna

⏻ (on/off)
Press and hold to turn ON or OFF.

+ (volume)
Press to increase the listening volume.

− (volume)
Press to decrease the listening volume.

▶▶ (skip)
Press to skip to the next lullaby.

Microphone

Speaker

Camera adjuster
Pull to adjust camera angle.

Temperature sensor

Battery compartment cover

Power jack

Getting started

Baby unit overview

Baby unit lights

(on/off)

On in red when the baby unit is powered by the battery.

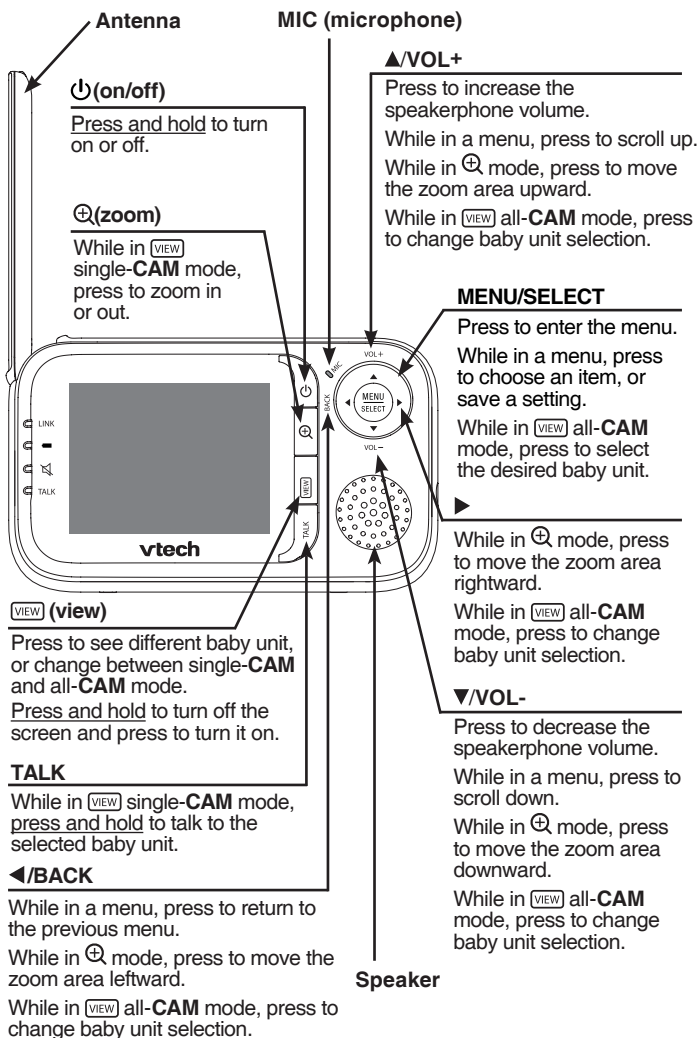On in white when the baby unit is powered by A/C power.

On in red and white when the baby unit is not paired to the parent unit.

Flashes in red when the baby unit battery is low.

Flashes alternately in red and white when the baby unit is in searching mode.
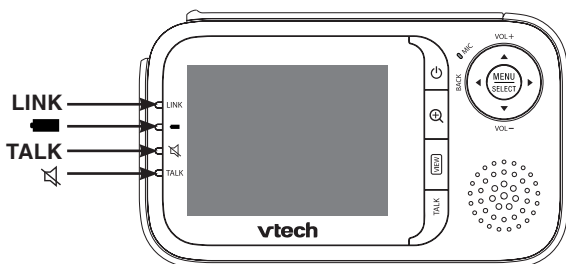
Getting started

Parent unit overview

Antenna

MIC (microphone)

⏻(on/off)

Press and hold to turn on or off.

⊕(zoom)

While in [VIEW] single-**CAM** mode, press to zoom in or out.

▲/VOL+

Press to increase the speakerphone volume.

While in a menu, press to scroll up.

While in ⊕ mode, press to move the zoom area upward.

While in [VIEW] all-**CAM** mode, press to change baby unit selection.

MENU/SELECT

Press to enter the menu.

While in a menu, press to choose an item, or save a setting.

While in [VIEW] all-**CAM** mode, press to select the desired baby unit.

▶

While in ⊕ mode, press to move the zoom area rightward.

While in [VIEW] all-**CAM** mode, press to change baby unit selection.

▼/VOL-

Press to decrease the speakerphone volume.

While in a menu, press to scroll down.

While in ⊕ mode, press to move the zoom area downward.

While in [VIEW] all-**CAM** mode, press to change baby unit selection.

[VIEW] (view)

Press to see different baby unit, or change between single-**CAM** and all-**CAM** mode.

Press and hold to turn off the screen and press to turn it on.

TALK

While in [VIEW] single-**CAM** mode, press and hold to talk to the selected baby unit.

◀/BACK

While in a menu, press to return to the previous menu.

While in ⊕ mode, press to move the zoom area leftward.

While in [VIEW] all-**CAM** mode, press to change baby unit selection.

Speaker

vtech

Getting started

Parent unit overview

Parent unit lights

LINK	On when strong signal strength is detected between the parent unit and the selected baby unit.
	Flashes slowly when moderate signal strength is detected between the parent unit and the selected baby unit.
	Flashes quickly when the parent unit cannot link to the selected baby unit.
▬	On when the parent unit pack is being charged.
	Off when the parent unit is fully charged, or when no battery is installed.
TALK	On when the parent unit is talking to the baby unit.
◁	On when the parent unit is in all-**CAM** mode.
	On when the speakerphone volume is turned off.

Getting started

Parent unit display screen icon

Ψ_{ll}	Connection status - Ψ_{ll} displays when strong signal strength is detected between the baby unit and the parent unit.
	Connection status - Ψ_l or Ψ_l displays when moderate signal strength is detected between the baby unit and the parent unit.
	Connection status - Ψ displays when the link between the baby unit and the parent unit os lost.
$\mathbb{Q}$	Zoom - displays when the camera at the selected baby unit has zoomed in.
$\int$	Lullaby - displays when a lullaby is playing by the baby unit that is being viewed.
$\mathring{\mspace}$	Temperature alert - displays when the temperature alert is set to on.
57°F	Real-time temperature - displays the real-time temperature from the selected baby unit.
▮▮▮▮▮▮ or ◀▮▮▮▮	Sound level indicators - lights up accordingly to the scales of loudness when there is sound transmitted from the baby unit.
	Speakerphone volume - lights up when adjusting the speakerphone volume level.
CAM1 or **CAM2** or **CAM3** or **CAM4**	Current view status - displays the number of the baby unit that is being viewed when in single-**CAM** view mode.
	Current view status - displays the highlighted baby unit when in all-**CAM** view mode.
	Current view status - this icon does not appear when the parent unit has no paired baby unit.
▥▥▥	Battery status - animates when the battery is charging.
	Battery status - ▥▥▥ displays when the battery is fully charged.
	Battery status - ▭ displays when the battery is low and needs charging.
	Battery status - ▭ displays when no battery is installed but operates using AC power, or the battery has been installed incorrectly.

Getting started

Baby unit installation

Install the baby unit as shown below.

Make sure that the power outlet is not controlled by a wall switch. Keep the power adapter cord away from children's reach and bundle the adapter cord neatly with the attached self-adhesive strap.

Power outlet not controlled by a wall switch

Baby unit power adapter

Self-adhesive strap

Warning tag
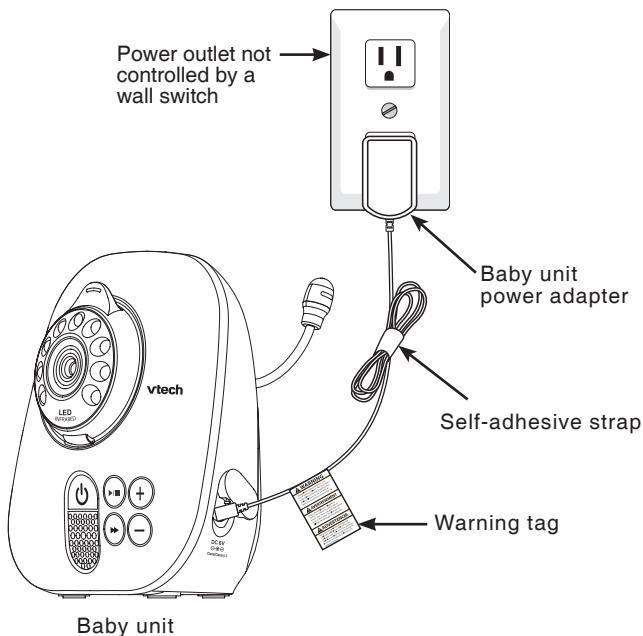
Baby unit

note
- Use only the baby unit power adapters supplied with this product. To order a replacement, visit our website at www.vtechbabymonitors.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.

- The baby unit 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.
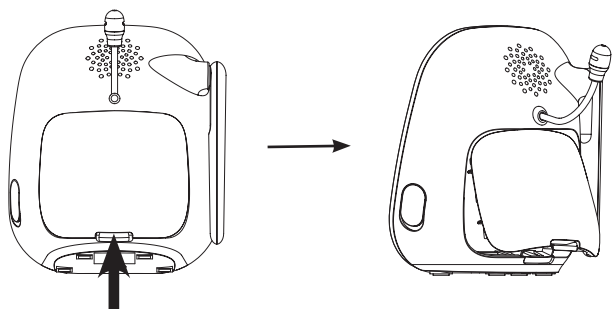
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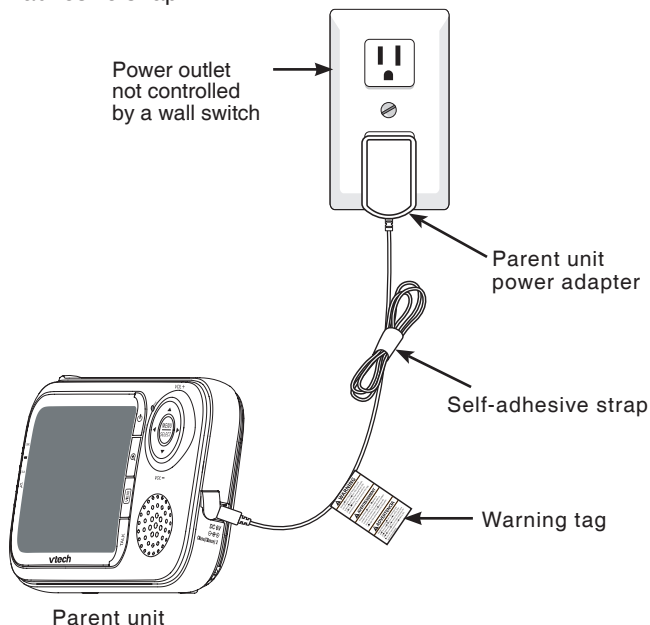
Parent unit

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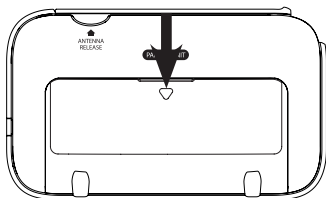
Getting started

Baby unit battery installation

You can power up the baby unit by connecting it to AC power or to the 1.5V AA batteries. Even if the baby unit is connected to AC power, we recommend you also install the 1.5V AA batteries. This guarantees automatic backup in case of a power outage.

Install the batteries as shown below.

1. Unplug the baby unit power adapter from the power outlet. Unplug the small end of the power adapter from the power jack on the baby unit.
2. If the battery compartment cover is on the baby unit, push the tab and then pull up until the battery compartment releases.

Getting started

Baby unit battery installation (continued)

3. Insert 4 pcs 1.5V AA Alkaline batteries (not supplied) into the battery compartment, noting the proper polarity (**+** and **-**) markings between the battery and metallic contacts inside the battery compartment. Then replace the battery compartment cover.
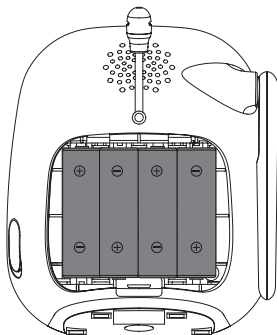
4. Plug the small end of the baby unit power adapter to the power jack on the baby unit. Then plug the baby unit power adapter into the power outlet.

note
• If the baby unit will not be used for a long time, disconnect and remove the battery to prevent possible leakage.

• Baby unit cannot charge any rechargeable AA batteries but you can use rechargeable AA batteries for the baby unit.

Getting started

Parent unit battery installation

You can power up the parent unit by connecting it to AC power or to the rechargeable battery provided. Even if the parent unit is connected to AC power, we recommend you also install the battery. This guarantees continued operation in case of a power outage.

Install the battery as shown below.

1. Unplug the parent unit power adapter from the power outlet. Unplug the small end of the power adapter from the power jack on the parent unit.
2. If the battery compartment cover is on the parent unit, press on the grooved tab and slide to detach.

3. Place the battery into the battery compartment as shown.
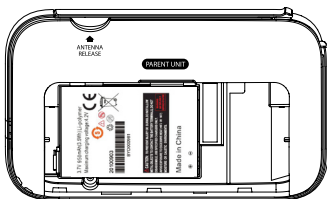
Getting started

Parent unit battery installation (continued)

4. Replace the battery compartment cover. Align the cover flat against the battery compartment, then slide it towards the center of the parent unit until it clicks into place.
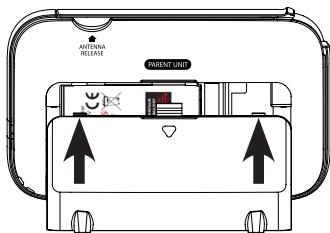
5. Plug the small end of the power adapter from the power jack on the parent unit. Then plug the parent unit power adapter into the power outlet.

6. When the battery is correctly installed, the ▬ light on the parent unit turns on when charging.

The ▭ light turns on when charging.
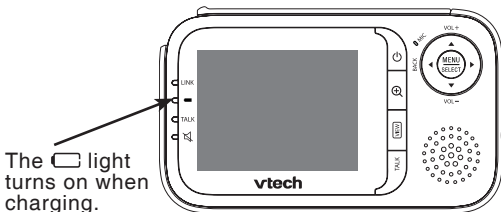
note
- If the parent unit will not be used for a long time, disconnect and remove the battery to prevent possible leakage.
- Use only the battery supplied with this product. To purchase replacement battery, visit our website at www.vtechbabymonitors.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.

Getting started

Parent unit battery charging

Once you have installed the parent unit battery and connect the parent unit power adapter to a power outlet, the screen is still off. Press ⏻ (on/off) for 2 seconds to turn on the parent unit. The ⬒ icon indicates the battery status (see the table below). The parent unit battery is fully charged after XX hours of continuous charging. See the table on page 28 for battery operating times.

When the parent unit is operating in battery mode and the battery is low, you need to charge the parent unit without interruption for at least 30 minutes to give the parent unit enough charge to use for a short time. When operating with a low battery, the parent unit displays **BATTERY LOW AT PARENT UNIT** along with the ⬒ icon. The ▬ light flashes and it plays short beeps to alert you.

The following table summarizes the battery charge indicators and actions to take.

| Battery indicators	Battery status	Action
The battery icon is off and ▷ displays.	No battery is installed. The parent unit can only be used if it is connected to a power outlet.	Install the parent unit battery. Charge without interruption (at least 30 minutes).
The screen displays **BATTERY LOW AT PARENT UNIT** and the ▬ light flash.	Battery has very little charge and may be used for only a short time.	Charge without interruption (about 30 minutes).
The battery icon becomes solid ▨▨▨▨.	Battery is fully charged.	To keep the battery charged, connect it to a power source when not in use.

note When you charge the battery initially or it is not used for a long period of time, charge it for XX hours continuously. It takes longer to charge the battery when the parent unit is turned on. To shorten the charging time, turn the parent unit off.

Getting started

Positioning and operating range

Positioning the baby monitor

Place the baby unit at least 3 feet away from your baby. Place the parent unit within the operating range (see below) of the baby unit. Make sure the parent unit is at least 3 feet away from the baby unit or other parent unit to avoid acoustic feedback.

At least 3 feet
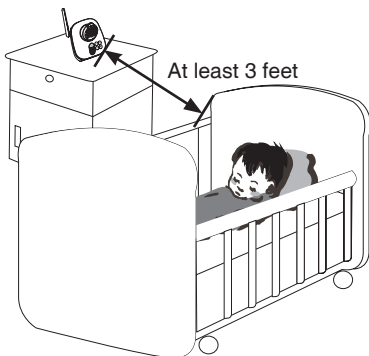
Operating range

The operating range of the baby monitor is up to 1000 feet outdoors or 150 feet indoors. The actual operating range may vary depending on the environmental conditions and other interferences such as walls, doors and other obstructions.

Getting started

Test your baby monitor before use

1. Place the parent unit and the baby unit in the same room to test the product. Make sure the baby unit is at least 3 feet away from the parent unit.
2. <u>Press and hold</u> ⏻ on the baby unit until the ⏻ (on/off) light turns on.
3. <u>Press and hold</u> ⏻ on the parent unit until the screen displays **Waiting for linking**.
4. When the parent unit is linked to the baby unit, the screen displays an image from the baby unit. Your baby monitor is now ready for use.

| note | If the parent unit cannot link to the selected baby unit, the screen displays **No link at CAM#** and 📶. |

Baby unit default settings

Default settings are indicated by an asterisk(*).

Setting	Function	Options
VOLUME	Set the speakerphone volume. Set the lullaby playback volume while the lullaby is playing.	**Level 1** **Level 2** **Level 3*** **Level 4** **Level 5**
LULLABY	Lullaby playback in chronological order.	**Lullaby 1*** **Lullaby 2** **Lullaby 3** **Lullaby 4** **Lullaby 5**

Getting started

Parent unit default settings

Default settings are indicated by an asterisk(*).

Main setting	Setting	Function	Options
VOLUME	-	Set the speakerphone volume of the parent unit.	✘ (Volume off) ◀I (Volume 1) ◀II (Volume 2) ◀III (Volume 3)* ◀IIII (Volume 4) ◀IIIII (Volume 5)
ALERT TONE	**LOW BATTERY TONE**	Set whether the parent unit beeps whenever the battery is low.	**On*** **Off**
	NO LINK ALERT	Set whether the parent unit beeps whenever the link between the parent unit and the baby unit is lost.	**On*** **Off**
SENSITIVITY	**ALL CAM**	Set the sound sensitivity level of the baby unit.	**Level 1** **Level 2** **Level 3*** **Level 4** **Level 5**
	CAM 1		
	CAM 2		
	CAM 3		
	CAM 4		
TEMPERATURE	**MINIIMUM** **- ALL CAM** **- CAM 1** **- CAM 2** **- CAM 3** **- CAM 4**	Set the desired minimum temperature detected for the room where the baby unit is located.	**Fahrenheit:** **52°F - 69°F (57°F*)** **Celsius:** **11°C - 20°C**
	MAXIMUM **- ALL CAM** **- CAM 1** **- CAM 2** **- CAM 3** **- CAM 4**	Set the desired maximum temperature detected for the room where the baby unit is located.	**Fahrenheit:** **70°F - 86°F (85°F*)** **Celsius:** **21°C - 30°C**

Getting started

Parent unit default settings (continued)

Main setting	Setting	Function	Options
TEMPERATURE	ALERT - ALL CAM - CAM 1 - CAM 2 - CAM 3 - CAM 4	Set whether the parent unit beeps whenever the temperature is not within the set temperature range.	On Off*
	FORMAT	Set the type of temperature scale of the baby unit.	Fahrenheir* Celsius
LULLABY AUTO PLAY	ALL CAM CAM 1 CAM 2 CAM 3 CAM 4	Set whether the baby unit can automatically play lullabies when the noise near the baby unit reaches the set sensitivity level.	On Off*
VOX MODE	-	Set whether the parent unit screen wakes up from sleep mode whenever there is any sound detected by the baby unit.	On* Off
LCD BRIGHTNESS	-	Set the brightness of the parent unit screen.	Level 1 Level 2 Level 3* Level 4 Level 5
PAIR/UNPAIR	Pair CAM	Register a baby unit to the selected **CAM** slot.	CAM1 (EMPTY/PAIRED) CAM2 (EMPTY/PAIRED) CAM3 (EMPTY/PAIRED) CAM4 (EMPTY/PAIRED)
	Unpair CAM	Deregister a baby unit from the selected **CAM** slot.	
LANGUAGE		Set the screen display language.	ENGLISH* FRANCAIS ESPANOL

Parent unit settings

Using the menu

To enter the parent unit menu:

1. Press **MENU/SELECT** when the parent unit is not in use.

2. Press ▼**/VOL+** or ▲**/VOL-** until the feature you desire is highlighted in the list on the left side of the screen. Press **MENU/SELECT** to enter that feature menu.

3. Press ▼**/VOL+** or ▲**/VOL-** until the feature or option you desire is highlighted in the list on the right side of the screen. Press **MENU/SELECT** to enter that feature menu or confirm your selection. Repeat step 3 until the desired feature is set.

note	To return to the previous menu, press ◀ **/BACK**.

Speakerphone volume

You can change the speakerphone volume or turn it off. When the speakerphone volume is off, ✗ appears on the screen and the ◁ light turns on.

To adjust the speakerphone volume:

Press ▼**/VOL+** or ▲**/VOL-** at any time on the parent unit.

Alert tone

You can turn the low battery tone alert and/or no link alert on or off.

To set the low battery tone alert of the parent unit:

1. Press **MENU/SELECT** when the parent unit is not in use.

2. Press ▼**/VOL+** or ▲**/VOL-** to choose **ALERT TONE**, then press **MENU/SELECT**.

3. Press **MENU/SELECT** again to choose **LOW BATTERY TONE**.

4. Press ▼**/VOL+** or ▲**/VOL-** to choose **ON** or **OFF**, then press **MENU/SELECT**.

note	Low battery tone alert turns on only for the selected baby unit while in [VIEW] single-**CAM** mode. Low battery tone alert turns on for all baby units while in [VIEW] all-**CAM** mode.

Parent unit settings

Alert tone (continued)

To set the no link alert of the parent unit:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼**/VOL+** or ▲**/VOL-** to choose **ALERT TONE**, then press **MENU/SELECT**.
3. Press ▼**/VOL+** or ▲**/VOL-** to choose **NO LINK ALERT**, then press **MENU/SELECT**.
4. Press ▼**/VOL+** or ▲**/VOL-** to choose **ON** or **OFF**, then press **MENU/SELECT** to confirm your selection.

Sensitivity

You can change the sound sensitivity level of the baby unit from the parent unit. The higher the sound sensitivity level is set at the parent unit, the more sensitive the baby unit is in collecting sounds and transmit to the parent unit.

To set the sound sensitivity level of the baby unit:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼**/VOL+** or ▲**/VOL-** to choose **SENSITIVITY**, then press **MENU/SELECT**.
3. Press ▼**/VOL+** or ▲**/VOL-** to choose the desired baby unit, then press **MENU/SELECT**.
4. Press ▼**/VOL+** or ▲**/VOL-** to choose the desired sensitivity level, then press **MENU/SELECT** to confirm your selection.

note
- The baby unit must be turned on when accessing the **SENSITIVITY** menu of the parent unit.
- When the sensitivity level is set to **Level 5**, any sounds received from the baby unit will always be transmitted to the parent unit.

Parent unit settings

Temperature

To set the minimum temperature of the baby unit:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼**/VOL+** or ▲**/VOL-** to choose **TEMPERATURE**, then press **MENU/SELECT**.
3. Press ▼**/VOL+** or ▲**/VOL-** to choose **MINIMUM**, then press **MENU/SELECT**.
4. Press ▼**/VOL+** or ▲**/VOL-** to choose the desired baby unit, then press **MENU/SELECT**.
5. Press ▼**/VOL+** or ▲**/VOL-** to choose the desired temperature, then press **MENU/SELECT** to confirm your selection.

To set the maximum temperature of the baby unit:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼**/VOL+** or ▲**/VOL-** to choose **TEMPERATURE**, then press **MENU/SELECT**.
3. Press ▼**/VOL+** or ▲**/VOL-** to choose **MAXIMUM**, then press **MENU/SELECT**.
4. Press ▼**/VOL+** or ▲**/VOL-** to choose the desired baby unit, then press **MENU/SELECT**.
5. Press ▼**/VOL+** or ▲**/VOL-** to choose the desired temperature, then press **MENU/SELECT** to confirm your selection.

To set the temperature alert of the baby unit:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼**/VOL+** or ▲**/VOL-** to choose **TEMPERATURE**, then press **MENU/SELECT**.
3. Press ▼**/VOL+** or ▲**/VOL-** to choose **ALERT**, then press **MENU/SELECT**.
4. Press ▼**/VOL+** or ▲**/VOL-** to choose the desired baby unit, then press **MENU/SELECT**.
5. Press ▼**/VOL+** or ▲**/VOL-** to choose **ON** or **OFF**, then press **MENU/SELECT** to confirm your selection.

Parent unit settings

Temperature (continued)

To set the type of temperature scale:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼**/VOL+** or ▲**/VOL-** to choose **TEMPERATURE**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** again to choose **FORMAT**.
4. Press ▼**/VOL+** or ▲**/VOL-** to choose **FAHRENHEIT** or **CELSIUS**, then press **MENU/SELECT** to confirm your selection.

Lullaby auto play

You can set whether the lullaby auto play turns on automatically when the sound level from the baby unit reaches the preset sensitivity sound level. The total duration of lullaby playback is about 15 minutes and it plays from where you stopped.

To set the lullaby auto play of the parent unit:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼**/VOL+** or ▲**/VOL-** to choose **LULLABY AUTO PLAY**, then press **MENU/SELECT**.
3. Press ▼**/VOL+** or ▲**/VOL-** to choose the desired baby unit, then press **MENU/SELECT**.
4. Press ▼**/VOL+** or ▲**/VOL-** to choose **ON** or **OFF**, then press **MENU/SELECT** to confirm your selection.

VOX mode

You can set whether the parent unit turns on automatically whenever there is any sound detected by the baby unit. When the screen is turned off and **VOX mode** is set to **On**, the screen turns on for 30 seconds whenever any sound is detected by the baby units and then turns off automatically.

To set the VOX mode of the parent unit:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼**/VOL+** or ▲**/VOL-** to choose **VOX MODE**, then press **MENU/SELECT**.
3. Press ▼**/VOL+** or ▲**/VOL-** to choose **ON** or **OFF**, then press **MENU/SELECT** to confirm your selection.

Parent unit settings

LCD brightness

You can change the brightness of the parent
unit screen.

To set the brightness of the parent unit screen:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼**/VOL+** or ▲**/VOL-** to choose **LCD BRIGHTNESS**, then
   press **MENU/SELECT**.
3. Press ▼**/VOL+** or ▲**/VOL-** to scroll through the choices, the
   brightness of the parent unit screen changes as you scroll
   through the choices.
4. Press **MENU/SELECT** to confirm your selection.

Pair/Unpair

You can pair a maximum of four baby units to your
parent unit.

To pair a baby unit:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼**/VOL+** or ▲**/VOL-** to choose **PAIR/UNPAIR**, then
   press **MENU/SELECT**.
3. Press **MENU/SELECT** again to choose **PAIR CAM**.
4. Press ▼**/VOL+** or ▲**/VOL-** to choose the desired baby unit slot,
   then press **MENU/SELECT**. The screen displays **Please
   press both [»] and [+] key on CAM side until POWER
   indicator flashes Red and White light alternately**. Then
   press and hold » and **+** for 5 seconds on the new baby unit
   at the same time. ⏻ on the new baby unit flashes red and
   white alternately.
5. When pairing is successful, the screen displays the newly
   paired baby unit. The ⏻ light on the new baby unit turns
   red when it is powered by battery or turns white when it is
   powered by AC power.

> **note** Any new baby unit paired to an occupied baby unit slot will
> unpair the current baby unit.

Parent unit settings

Pair/Unpair (continued)

To unpair a baby unit:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼/**VOL+** or ▲/**VOL-** to choose **PAIR/UNPAIR**, then press **MENU/SELECT**.
3. Press ▼/**VOL+** or ▲/**VOL-** to choose **UNPAIR CAM**.
4. Press ▼/**VOL+** or ▲/**VOL-** to choose the desired baby unit, then press **MENU/SELECT**.
5. Press ⊕ and then press **MENU/SELECT**.
6. When unpairing is successful, the screen displays the next paired baby unit or return to the previous baby unit viewing screen. If all baby units are unpaired, the screen displays **No CAM paired**.

Language

You can select English, Français or Español to be used in all screen displays.

To change the screen language:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼/**VOL+** or ▲/**VOL-** to choose **LANGUAGE**, then press **MENU/SELECT**.
3. Press ▼/**VOL+** or ▲/**VOL-** to scroll through the choices.
4. Press **MENU/SELECT** to confirm your selection.

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Baby unit operation

Power on or off the baby unit

- Press and hold ⏻ for 2 seconds to turn on the baby unit. The ⏻ light turns on.
- Press and hold ⏻ for 2 seconds again to turn off the baby unit. The ⏻ light turns off.
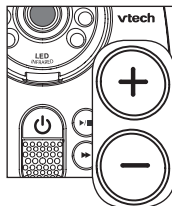
Speakerphone volume

You can change the speakerphone volume. Changing the speakerphone volume also changes the lullaby playback volume. The lowest speakerphone volume is **Level 1** and the highest speakerphone volume is **Level 5**.

To adjust the speakerphone volume:
Press **+** or **-** at any time on the baby unit.

Lullaby playback on the baby unit

The total duration of lullaby playback is about 15 minutes and it plays from where you stopped
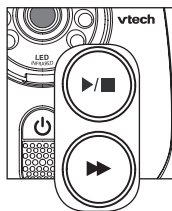
To turn on lullaby playback:
Press ▶/■ on the baby unit.

To skip to the next lullaby:
Press ▶▶ on the baby unit to skip to the next lullaby.

To turn off lullaby playback from the baby unit:
Press ▶/■ on the baby unit to stop.

> **note** Lullaby playback is paused when the parent unit is talking to the baby unit in **TALK** mode. Lullaby playback resumes when the parent unit finishes using the **TALK** feature.

Night vision

When the baby unit is turned on in a dark room, the baby unit automatically uses its infrared LED's to transmit a clear image of baby to parent units, so you can monitor your baby at night.
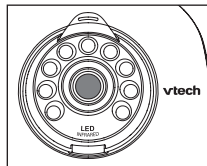
Parent unit operation

Power on or off the parent unit

- Press and hold ⏻ for 2 seconds to turn on the parent unit. The display screen turns on.
- Press and hold ⏻ for 2 seconds again to turn off the parent unit. The display screen turns off.
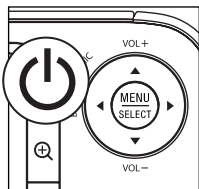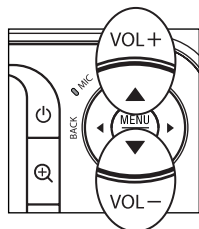
Speakerphone volume

You can change the speakerphone volume or turn it off. When the speakerphone volume is off, 🔇 appears on the screen.

To adjust the speakerphone volume:
Press ▲/**VOL+** or ▼/**VOL-** at any time on the parent unit.

Zoom

You can zoom in and out of any baby unit.

To zoom in and out while in single-CAM view mode:

Press ⊕ to zoom in. Press ▲/**VOL+**, ▼/**VOL-**, ◀/**BACK** or ▶ to move the zoomed image upwards, downwards, leftwards or rightwards correspondingly. Press ⊕ again to zoom out.
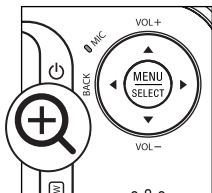
To zoom in and out while in all-CAM view mode:

Press ▲/**VOL+**, ▼/**VOL-**, ◀/**BACK** or ▶ to choose the desired baby unit, then press ⊕ or **MENU**/**SELECT**. Press ⊕ again to zoom in. Press ▲/**VOL+**, ▼/**VOL-**, ◀/**BACK** or ▶ to move the zoomed image upwards, downwards, leftwards or rightwards correspondingly. Press ⊕ again to zoom out.

Parent unit operation

View

You can change the screen to view the video from different baby units. When the screen is turned off and VOX mode is set to **On**, the screen turns on for 30 seconds whenever any sounds is detected by the baby units and then turns off automatically.
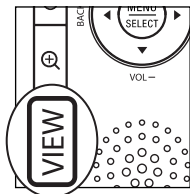
To view different baby units:
Press [VIEW] to scroll to the desired baby units. Baby units are in chronological order: **CAM1**, **CAM2**, **CAM3**, **CAM4** and all-**CAM** mode.

To turn the screen on or off:
- Press and hold [VIEW] for 2 seconds to turn off the screen.
- When the screen is turned off, press [VIEW] to turn it on.

Talk to the baby unit

You can broadcast messages from the parent unit to the speakerphone of the desired baby unit.

To talk to the baby unit:
1. Press [VIEW] to choose the desired baby unit.
2. Press and hold **TALK** when the parent unit is in single-**CAM** view mode. Speak towards the **MIC** (microphone) on the parent unit. The **TALK** light is on when the voice connection to the baby unit is made. Your voice is broadcast to the baby unit.

note
- The **TALK** feature does not work in all-**CAM** mode.
- If the speakerphone volume of the parent unit is set to **OFF**, it will be reset to the default volume when you press and hold **TALK**.
- Lullaby playback is paused when the parent unit is talking the baby unit in **TALK** mode. Lullaby playback resumes when the parent unit finishes using the **TALK** feature.

Night vision

When the baby unit is turned on in a dark room, the baby unit automatically uses its infrared LEDs to transmit a clear image of baby to parent units, so you can monitor your baby at night.

However, images transmitted from the baby unit's infrared LEDs are in black and white only.

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Appendix

Parent unit display screen messages

Battery low at CAM#	When the baby unit is powered by batteries, the selected baby unit batteries need to be changed. It will be powered off after 30 seconds automatically.
Battery low at parent unit	When the parent unit is powered by the battery, it needs to be recharged.
Battery empty at parent unit	When the parent unit is powered by the battery, is almost out of power and needs to be recharged. It will be powered off after 10 seconds automatically.
Battery empty **Powering off...**	Parent unit is being powered off.
No link at CAM#	The selected baby unit is not linked to the parent unit.
Sound detected at CAM#	Sound detected from the selected baby unit is above the set sensitivity level.
Temperature too low at CAM#	Temperature detected from the selected baby unit is below the set minimum temperature.
Temperature too high at CAM#	Temperature detected from the selected baby unit is above the set maximum temperature.
Waiting for linking	The link between the parent unit and the selected baby unit is lost, or the parent unit is out of range of the selected baby unit. The screen turns off after 10 seconds automatically.

Appendix

Parent unit battery

It takes up to 12 hours for the battery to be fully charged. When it is fully charged, you can expect the following performance:

Operation	Operating time
While in standby* mode	Up to X days
While in monitoring** mode	Up to X hours

*Parent unit is not charging or in TALK mode. There is not any kind of detection from the baby unit.
The sensitivity level is set at **Level 3. Monitoring times vary depending on your actual use and the age of the battery.

The battery needs charging when:

• A new battery is installed in the parent unit.
• The parent unit beeps.
• The battery is properly installed and no battery icon displays on the screen.
• **BATTERY LOW AT PARENT UNIT** and ⬜ displays on the parent unit screen.

CAUTION:

To reduce the risk of fire or injury, read and follow these instructions:

• Use only the battery provided or equivalent. To order a replacement, visit our website at www.vtechbabymonitors.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.
• Do not dispose of the battery in a fire. Check with local waste management codes for special disposal instructions.
• Do not open or mutilate the battery. Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
• Exercise care in handling the battery in order not to create a short circuit with conductive materials.
• Charge the battery provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.
• Observe proper polarity orientation between the battery and metallic contacts.
• To prevent fire or shock hazard, do not expose this product to water or any type of moisture.

Appendix

Expand your baby monitor system

The baby units and parent unit provided with your baby monitor system are already paired. This baby monitor system accommodates up to four baby units.

Add or replace a baby unit (optional)

You can add or replace baby units (**VM301**, purchased separately) to your baby monitor system. Each baby unit must be paired to the parent unit before use. You need to power on the baby unit (pages 7, 9 and 25) and the parent unit (pages 8, 11 and 25) before pairing.

To add or replace a baby unit:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼/**VOL+** or ▲/**VOL-** to choose **PAIR/UNPAIR**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** again to choose **PAIR CAM**.
4. Press ▼/**VOL+** or ▲/**VOL-** to choose the desired baby unit slot, then press **MENU/SELECT**. The screen displays **Please press both [▶] and [+] key on CAM side until POWER indicator flashes Red and White light alternately**. Then press and hold ▶ and **+** for 5 seconds on the new baby unit at the same time. ⏻ on the new baby unit flashes red and white alternately.
5. When pairing is successful, the screen displays the newly paired baby unit in single-view mode. The ⏻ light on the new baby unit turns red when it is powered by battery or turns white when it is powered by AC power.

If pairing fails, the screen displays **Pairing failed**. Try the pairing process again.

note Any new baby unit paired to an occupied baby unit slot will unpair the current baby unit.

Appendix

Remove a baby unit

If you want to remove a baby unit, you need to power on the baby unit (pages 7, 9 and 25) and the parent unit (pages 8, 11 and 25) before unpairing.

To remove a baby unit:

1. Press **MENU/SELECT** when the parent unit is not in use.
2. Press ▼**/VOL+** or ▲**/VOL-** to choose **PAIR/UNPAIR**, then press **MENU/SELECT**.
3. Press ▼**/VOL+** or ▲**/VOL-** to choose **UNPAIR CAM**, then press **MENU/SELECT**.
4. Press ▼**/VOL+** or ▲**/VOL-** to choose the desired baby unit, then press **MENU/SELECT**.
5. Press [zoom] and then press **MENU/SELECT** to confirm your selection.
6. When unpairing is successful, the screen displays the next paired baby unit or returns to the previous baby unit viewing screen. If all baby units are unpaired, the screen displays **No CAM paired**.

If unpairing fails, you need to reset the baby monitor and then try the unpairing process again.

To reset:

1. Power off the baby unit and the parent unit.
2. Unplug the power and/or batteries from the baby unit and the parent unit, then plug them back in.
3. Power on the baby unit and the parent unit.

Appendix

Troubleshooting

If you have difficulty with your baby monitor, please try the suggestions below. For customer service, visit our website at www.vtechbabymonitors.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.

My baby monitor does not work at all.

- Make sure the baby unit, parent unit and the batteries are installed and charged correctly (pages 7 to 13). For optimum daily performance, charge the parent unit after use.
- Make sure the power adapters are securely plugged into the outlet not controlled by a wall switch.
- Make sure the adapter cords are plugged firmly into the baby unit and parent unit.
- Make sure the baby unit and the parent unit are turned on.
- The parent unit may be too far away from the baby unit. Move the parent unit closer to the baby unit (but not less than 3 feet).
- Unplug the electrical power to the baby unit and parent unit. Wait for approximately 15 seconds, then plug it back in. Turn on the baby unit and the parent unit. Allow up to one minute for the baby unit and the parent unit to synchronize.
- Install the correct type of batteries in the baby unit and watch carefully the proper polarity (**+** and **-**) markings between the battery and metallic contacts inside the battery compartment.
- Charge the battery in the parent unit for up to XX hours.
- If the parent unit battery is completely depleted, it may take up to 30 minutes to charge the parent unit before **BATTERY LOW AT PARENT UNIT** appears on the screen (page 13).
- Completely remove and install the batteries again. If that still does not work, it may be necessary to purchase new batteries.
- Significant amount of obstructions between baby unit and parent unit such as walls, ceilings and buildings. Try moving the baby unit to another part of the room.
- Other electronic products may prevent the baby unit and the parent unit from communicating with each other. Install the 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.

Appendix

Troubleshooting

The ▭ icon and BATTERY LOW AT PARENT UNIT display on the parent unit screen.

- Charge the battery in the parent unit for up to XX hours.
- Completely remove and install the battery again and use it until fully depleted, then recharge the battery in the parent unit for up to XX hours.
- If the above measures do not correct the problem, replace the battery.

The battery does not charge in the parent unit or the parent unit battery does not accept charge.

- Make sure the battery is installed in the parent unit battery compartment correctly. The ▰▰ light on the parent unit should be on when charging.
- Completely remove and install the battery again, then charge for up to XX hours.
- If the ▭ icon and the ▰▰ light on the parent unit are not on, refer to **The ▰▰ light on the parent unit is off** below.
- If the battery is completely depleted, it may take up to 30 minutes to charge the parent unit before **BATTERY LOW AT PARENT UNIT** appears on the screen (page 13).
- Purchase a new battery. Refer to **Parent unit battery** on page 28.

The ▰▰ light on the parent unit is off.

- Make sure the parent unit battery is installed correctly (page 6).
- When the parent unit is powered on by AC power, the ▭ light is off even the battery is fully charged.

My parent unit does not play any sound when there is noise from the baby unit.

- Make sure the parent unit is turned on.
- The parent unit may be too far away from the baby unit. Move the parent unit closer to the baby unit (but not less than 3 feet).
- If the parent unit is powered on by battery, make sure there is sufficient charge on the parent unit battery. Charge the battery in the parent unit for up to XX hours.
- Make sure the parent unit speakerphone volume is not set to **OFF** (pages 18 and 25).
- Make sure the sound sensitivity level of the baby unit is not set to the lowest level (page 19).
- Make sure the power adapters are plugged in properly (pages 7 and 8).

Appendix

Troubleshooting

- Significant amount of obstructions between baby unit and parent unit such as walls, ceilings and buildings. Try moving the baby unit to another part of the room.
- Other electronic products may prevent the baby unit and the parent unit from communicating with each other. Install the 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.
- Completely remove and install the battery again. Turn on the baby unit and the parent unit. Allow up to one minute for the parent unit and the baby unit to synchronize.

My parent unit beeps and is not performing normally.

- Move the parent unit closer to the baby unit (but not less than 3 feet). The parent unit may be out of range.
- If the parent unit is powered on by battery, it may be running out of battery. Charge the battery in the parent unit for up to XX hours.
- Reset the parent unit and the baby units by turning them off, unplugging the electrical power to the parent unit and the baby units. Wait for 15 seconds and plug them back in again. Turn on the baby units and the parent unit. Allow up to one minute for the parent unit and the baby units to synchronize.
- Other electronic products may prevent the baby unit and the parent unit from communicating with each other. Install the 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.

The link between the baby unit and the parent unit is lost every now and then, and I'm experiencing sound interruptions.

- Move the parent unit closer to the baby unit (but not less than 3 feet). The parent unit may be out of range.
- Reset the parent unit and the baby units by turning them off unplugging the electrical power to the parent unit and the baby units. Wait for 15 seconds and plug them back in again. Turn on the baby units and the parent unit. Allow up to one minute for the parent unit and the baby units to synchronize.

Appendix

Troubleshooting

Common cure for electronic equipment.

- If the baby monitor is not responding normally, try the following (in the order listed):
  - Disconnect the power to the baby unit and the parent unit.
  - Completely remove and install the battery again.
  - Wait a few minutes before connecting power back to the baby unit and the parent unit.
  - Charge the parent unit battery for up to 12 hours.
  - Wait for the parent unit to synchronize with the baby unit. Allow up to one minute for this to take place.

Appendix

Operating range

This baby monitor operates with the maximum power allowed by the Federal Communications Commission (FCC). Even so, this baby unit and parent unit can communicate over only a certain distance - which can vary with the locations of the baby unit, parent unit, the weather, and the layout of your home.

When the parent unit is out of range, the parent unit displays **Waiting for linking**.

To improve reception, move closer to the baby unit (but not less than 3 feet).

Maintenance

Taking care of your baby monitor
Your baby monitor contains sophisticated electronic parts, so it must be treated with care.

Avoid rough treatment
Place the baby unit and parent unit down gently. Save the original packing materials to protect your baby monitor if you ever need to ship it.

Avoid water
Your baby monitor can be damaged if it gets wet. Do not use the parent unit and/or baby unit outdoors in the rain, or handle it with wet hands. Do not install the baby monitor near a sink, bathtub or shower.

Electrical storms
Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, use caution when using electrical appliances during storms.

Cleaning your baby monitor
Your baby monitor has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or mild soap. Do not use excess water or cleaning solvents of any kind.

Remember that electrical appliances can cause serious injury if used when you are wet or standing in water. If the baby units and/or parent unit should fall into water, DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORDS FROM THE WALL. Then pull the units out by the unplugged cords.

Appendix

The RBRC® seal

The RBRC® seal on the lithium-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 RBRC® program provides a convenient alternative to placing used lithium-ion batteries into the trash or municipal waste, which may be illegal in your area.

VTech's participation in RBRC® makes it easy for you to drop off the spent battery at local retailers participating in the RBRC® program or at authorized VTech product service centers. Please call **1 (800) 8 BATTERY**^{TM} 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.

RBRC® is a registered trademark of Rechargeable Battery Recycling Corporation.

Appendix

Limited warranty

What does this limited warranty cover?

The manufacturer of this VTech Product warrants to the holder of a valid proof of purchase ("Consumer" or "you") that the Product and all accessories provided in the sales package ("Product") are free from defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with the Product operating instructions. This limited warranty extends only to the Consumer for Products purchased and used in the United States of America and Canada.

What will VTech do if the Product is not free from defects in materials and workmanship during the limited warranty period ("Materially Defective Product")?

During the limited warranty period, VTech's authorized service representative will repair or replace at VTech's option, without charge, a Materially Defective Product. If we repair the Product, we may use new or refurbished replacement parts. If we choose to replace the Product, we may replace it with a new or refurbished Product of the same or similar design. We will retain defective parts, modules, or equipment. Repair or replacement of the Product, at VTech's option, is your exclusive remedy. VTech will return the repaired or replacement Products to you in working condition. You should expect the repair or replacement to take approximately 30 days.

How long is the limited warranty period?

The limited warranty period for the Product extends for ONE (1) YEAR from the date of purchase. If VTech repairs or replaces a Materially Defective Product under the terms of this limited warranty, this limited warranty also applies to the repaired or replacement Product for a period of either (a) 90 days from the date the repaired or replacement Product is shipped to you or (b) the time remaining on the original one-year warranty; whichever is longer.

What is not covered by this limited warranty?

This limited warranty does not cover:

1. Product that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water or other liquid intrusion; or

2. Product that has been damaged due to repair, alteration or modification by anyone other than an authorized service representative of VTech; or

3. Product to the extent that the problem experienced is caused by signal conditions, network reliability, or cable or antenna systems; or

Appendix

Limited warranty (continued)

4. Product to the extent that the problem is caused by use with non-VTech accessories; or

5. Product whose warranty/quality stickers, product serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or

6. Product purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to Products used for rental purposes); or

7. Product returned without a valid proof of purchase (see item 2 below); or

8. Charges for installation or set up, adjustment of customer controls, and installation or repair of systems outside the unit.

How do you get warranty service?

To obtain warranty service in the United States of America, visit www.vtechbabymonitors.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377. NOTE: Before calling for service, please review the user's manual - a check of the Product's controls and features may save you a service call.

Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of the Product(s) to the service location. VTech will return repaired or replaced Product under this limited warranty. Transportation, delivery or handling charges are prepaid. VTech assumes no risk for damage or loss of the Product in transit. If the Product failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, VTech will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of Products that are not covered by this limited warranty.

What must you return with the Product to get warranty service?

1. Return the entire original package and contents including the Product to the VTech service location along with a description of the malfunction or difficulty; and

2. Include a "valid proof of purchase" (sales receipt) identifying the Product purchased (Product model) and the date of purchase or receipt; and

3. Provide your name, complete and correct mailing address, and telephone number.

Appendix

Limited warranty (continued)

Other limitations

This warranty is the complete and exclusive agreement between you and VTech. It supersedes all other written or oral communications related to this Product. VTech provides no other warranties for this Product. The warranty exclusively describes all of VTech's responsibilities regarding the Product. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

State/Provincial Law Rights: This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the Product is fit for ordinary use) are limited to one year from the date of purchase. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no event shall VTech be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the Product or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this Product. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Please retain your original sales receipt as proof of purchase.

Appendix

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.

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 the baby's body are maintained at a distance of approximately 20 cm (8 inches) or more.

This Class B digital apparatus complies with Canadian ICES-003.

Appendix

FCC and IC regulations (continued)

Industry Canada

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

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

This product meets the applicable Industry Canada technical specifications.

RF radiation exposure statement

Baby unit complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. Baby unit should be installed and operated with a minimum distance of 20 cm (8 inches) between the baby unit and the baby's body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment complies also with Industry Canada RSS-102 with respect to Canada's Health Code 6 for Exposure of Humans to RF Fields.

Appendix

Technical specifications

Frequency Control	Crystal controlled PLL synthesizer
Transmit frequency	Baby unit: 2402 - 2478.5 MHz Parent unit: 2402 -2478.5 MHz
Channels	52
Nominal effective range	Maximum power allowed by FCC and IC. Actual operating range might vary according to environmental conditions at the time of use.

Power requirements	Baby unit: 4 x AA Alkaline batteries
	Parent unit: 3.7V Li-polymer battery
	Baby unit power adapter:
	    Input: 100-120V AC 50/60Hz
	    Output: 6V DC @ 800mA
	Parent unit power adapter:
	    Input: 100-120V AC 50/60Hz
	    Output: 6V DC @ 800mA

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91-004422-010-100

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