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VM351
VM351-2

Full Color Video Monitor
with Wide-Angle Lens



vtech®

User's manual

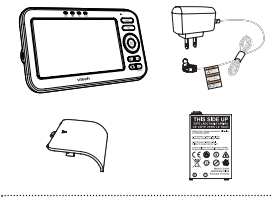
Congratulations

on purchasing your new VTech product. Before using this product, please read **Important safety instructions**.

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.

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What's in the box



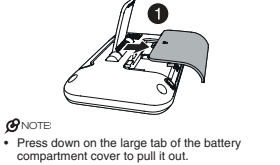
Install the battery

The parent unit runs on rechargeable battery or AC power. To continuously monitor your baby, make sure you use both battery and AC power at the same time. With the battery alone, the parent unit can cordlessly run for a short time only.

NOTES

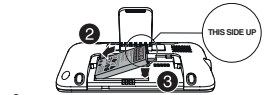
- Use only the battery supplied with this product.
- Use only the power adapters supplied with this product.
- Make sure the electrical outlets are not controlled by wall switches.
- The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if they are plugged into a ceiling, under-the-table or cabinet outlet.
- Make sure the parent unit, the baby unit and the power adapter cords are out of reach of children.

Install the battery as shown below.



NOTES

- Press down on the large tab of the battery compartment cover to pull it out.



NOTES

- Make sure the label **THIS SIDE UP** is facing up while inserting the battery.



Replace the battery

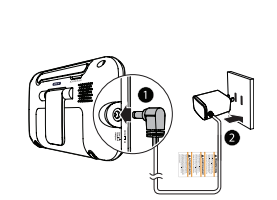
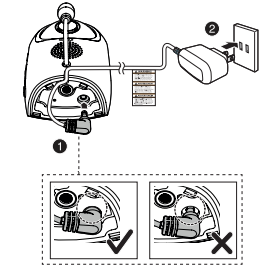
To replace the battery, press down on the large tab of the battery compartment cover and pull it out, then follow the steps above to install the battery.

Connect and charge the battery

NOTES

- Use only the battery supplied with this product.
- Use only the power adapters supplied with this product.
- Make sure the electrical outlets are not controlled by wall switches.
- 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 they are plugged into a ceiling, under-the-table or cabinet outlet.
- Make sure the parent unit, the baby unit and the power adapter cords are out of reach of children.

Connect the baby monitor



Charge the parent unit battery

When you have connected the parent unit and installed its battery for the first time or after power outage, the parent unit powers on automatically. The battery icon indicates the battery status (see the following table).

NOTES

- The parent unit battery is fully charged after 3 hours of continuous charging.
- It takes longer to charge the battery when the parent unit is turned on. To shorten the charging time, turn the parent unit off while charging.
- The standby time varies depending on the sensitivity level you set, your actual use and the age of the battery.

Battery indicators	Battery status	Action
The battery icon is off and displays.	No battery is installed but operates using AC power, or the battery has been installed incorrectly.	Install the parent unit battery. Charge without interruption (at least 30 minutes).
The screen displays Battery low at Parent Unit and light flashes.	The 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 .	The battery is fully charged.	To keep the battery charged, connect it to AC power when not in use.

Before use

NOTE

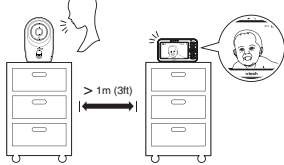
- This baby monitor is intended as an aid. It is not a substitute for proper adult supervision, and should not be used as such.

Test your baby monitor

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

CAUTION

- For hearing protection, make sure the parent unit is more than 1 meter (3 feet) away from the baby unit. If you hear any high-pitched noise, move the parent unit further until the noise stops. You can also press VOL on the parent unit to lower or mute the noise.



- Make sure your baby units and parent unit are on.
- The parent unit displays images from the baby unit.
 - Speak towards the baby unit microphone. You will hear the sound at the parent unit.
- If you have two baby units, press **VIEW** on your parent unit. The screen switches to other baby units. Then, repeat step 2.

NOTE

- When the parent unit displays and then **No link to CAM #** (# represents the selected baby unit number), and the **LINK** LED light flashes, move the parent unit closer to the baby unit (observe the minimum distance of 1 meter/ 3 feet). You can also check if the baby monitor is connected to a live power socket and switched on.

TIP

- Increase the parent unit speaker volume if you cannot hear the sounds transmitted from the baby unit.

Positioning the baby monitor

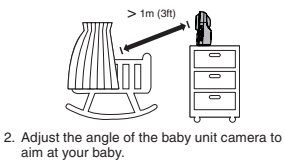
CAUTION

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

NOTE

- To avoid interference from other electronic devices, place your baby monitor far away from devices such as wireless routers, microwaves, cell phones and computers.

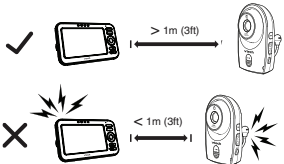
- Place the baby units more than 1 meter (3 feet) away from your baby.



- Adjust the angle of the baby unit camera to aim at your baby.



- Place the parent unit more than 1 meter (3 feet) away from the baby units.

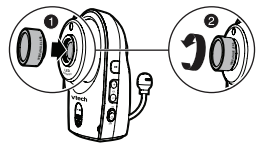


CAUTION

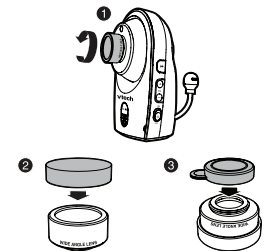
- The default volume of your parent unit is level 4. If you experience high-pitched screeching noise from your baby monitor while positioning:
 - Make sure your baby units and parent unit are more than 1 meter (3 feet) apart, OR
 - Turn down the volume of your parent unit.

Install the lens (optional)

The wide-angle lens (**VM101**) provided allows you to view more of your baby's room from the parent unit screen. Install the wide-angle lens onto the baby unit camera as shown below.



Remove the lens

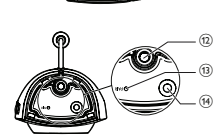
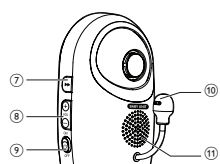
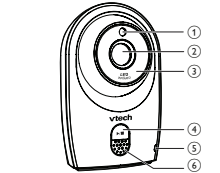


NOTES

- When the lens is not in use, cover both sides of the lens with the lens covers provided to avoid scratches.
- You can purchase and install an extra new wide-angle lens (**VM101**) onto your baby unit if necessary.

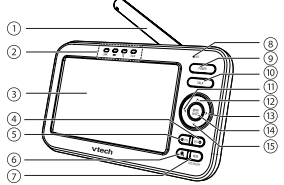
Overview

Baby unit overview



1	Light sensor
2	Camera
3	Infrared LEDs
4	Play/Stop Press to play or stop lullaby on the baby unit.
5	ON/OFF light - On when the baby unit is turned on. - Flashes when the baby unit is not being viewed, or when the link to the parent unit is lost.
6	Microphone

Parent unit overview



1	Antenna
2	LED lights Indicate the different statuses of the parent unit. For details, refer to Parent unit lights.

7	Skip Press to play the next lullaby.
8	+VOL/- Press to adjust the speaker volume. It determines the lullaby volume and talkback volume transmitted from parent unit.
9	ON/OFF switch Slide to turn on or off the baby unit.
10	Temperature sensor
11	Speaker
12	Threaded socket For wall mount installation use.
13	PAIR Your baby units and parent unit provided are already paired.
14	Power jack

3	LCD Display
4	VOL Press to increase the parent unit speaker volume.
5	VOL Press to decrease the parent unit speaker volume.
6	Q Press to zoom in or out while viewing image in Single CAM or Patrol mode.
7	VIEW / LCD ON/OFF - Press and hold to turn off the parent unit screen. - Press to view the image of the next baby unit in Single CAM or Patrol mode.
8	Microphone
9	POWER - Press and hold to power on. - Press and hold again to power off.
10	TALK Press and hold to talk to the selected baby unit in Single CAM or Patrol mode.
11	← - While in a menu, press to return to the main menu or idle screen. - While viewing zoomed image, press and hold to move the zoomed image leftward. - While in Split mode, press to move the selection box leftward.
12	↑ - While in a menu, press to scroll up. - While viewing zoomed image, press and hold to move the zoomed image upward. - While in Split mode, press to move the selection box upward.

Parent unit display icons

	Connection status - displays when strong signal strength is detected between the baby unit and the parent unit. - or displays when moderate or low signal strength is detected between the baby unit and the parent unit. - displays when the link between the baby unit and the parent unit is lost.
	Lullaby Displays when the baby unit being viewed is playing lullaby.
	Current view status - Displays the number of the baby unit that is being viewed when in Single CAM and Patrol mode. - Displays the number of the highlighted baby unit when in Split mode.
	Patrol mode Displays when the parent unit is in Patrol mode.
	Split mode Displays when the parent unit is in Split mode.
	Night vision Displays when the baby unit being viewed has activated the night vision feature.
	Zoom Displays when the baby unit camera has zoomed in.
	Temperature alert tone Displays when the temperature alert tone is set on.
	Real-time temperature Displays the real-time temperature detected by the baby unit in Fahrenheit (°F) or Celsius (°C) (e.g. 57 °F or 14 °C).
	On when the speaker volume of the parent unit is turned off.
TALK	On when the parent unit is talking to the baby unit.

Parent unit lights

LINK	On when the parent unit is linked to the baby unit. Flashes when the link to the baby unit being viewed in Single CAM or Patrol mode is lost; or when the link to both baby units being viewed in Split mode is lost.
	On when the parent unit is connected to AC power, or the battery is charging. Flashes when the parent unit battery is low and needs charging. Off when the parent unit is disconnected from AC power.
	On when the speaker volume of the parent unit is turned off.
TALK	On when the parent unit is talking to the baby unit.

	Mute alert - Displays when the parent unit speaker volume is set to off. - Displays when Split mode is turned on.
	9-level sound indicator (1 to 3 bars) indicates low sound level detected by the baby unit. (4 to 6 bars) indicates moderate sound level detected by the baby unit. (7 to 9 bars) indicates high sound level detected by the baby unit (e.g. baby crying loudly).
	Speaker volume Displays the parent unit speaker volume level while adjusting.
	Battery status - animates when the battery is charging. - displays solid when the battery is fully charged. - displays when the battery is low and needs charging.
	AC power without battery Displays when the parent unit is connected to AC power without the battery.

Parent unit main menu icons

	Monitoring Mode You can select a monitoring mode (Single CAM, Patrol or Split).
	Alert Tone - You can set the parent unit to beep when - the parent unit operates in low battery condition; - the link between the parent unit and the baby unit is lost; or - the baby unit detects sounds while in Split mode.
	Language You can select a language (English, French or Spanish) to be used in all screen displays.

	LCD You can change the brightness of the parent unit screen, or turn on the Dim Mode to save power.
	Rename You can choose a specific name for the baby unit from a pre-defined name list.
	VOX sensitivity With this feature, you can choose to hear sounds from the baby unit all the time, or to hear sounds that exceed a certain level. You can use the parent unit to adjust the microphone sensitivity of your baby unit. The higher the sensitivity level, the more sensitive the baby unit is in detecting sounds for transmitting to the parent unit.
	Sound-activated Screen Automatically turns on the parent unit screen when a baby unit detects a sound after the screen is turned off. When no sound is detected, the screen is automatically off to save power.
	Temperature You can turn on the Temperature alert tone so that the parent unit beeps whenever the room temperature detected by the baby unit falls outside of the desired temperature range.
	Lullaby on CAM You can choose a lullaby or soothing sound to comfort your baby.
	Volume on CAM You can adjust the volume of baby units which determines the lullaby volume and talkback volume transmitted from parent unit.
	Vibration You can turn on the vibration alert so that the parent unit vibrates when it receives No link alert, Sound alert in split-view or Temperature alert tone after turning on the respective alert tones.

Parent unit display messages

	The selected baby unit is out of range or is turned off.
	The battery level of the parent unit is very low and needs to be recharged.
	The battery is empty and needs to be recharged.
	The sound level exceeds the threshold at CAM # in Split mode.
	The temperature detected by the baby unit is higher/lower than the desired temperature alert range.
	The parent unit is turning on.
	The auto timer for playing lullaby is reset.

- # represents the selected baby unit number.

Using the baby monitor

Power on or off the baby unit

- Slide upward to turn on the baby unit. The **ON/OFF** LED light turns on.
- Slide downward to turn off the baby unit. The **ON/OFF** LED light turns off.

Power on or off the parent unit

- Press **POWER** to turn on the parent unit. The screen turns on.
- Press and hold **POWER** again to turn off the parent unit. The screen turns off.

Operating range

The operating range of the baby monitor is up to 300 meters (1,000 feet) outdoors or 50 meters (160 feet) indoors. The actual operating range may vary depending on the environmental conditions and other interferences such as walls, doors and other obstructions.

- Press again to stop the lullaby.
- Press **-VOL +** to adjust the volume level of the lullaby on the baby unit.

TIP

- When the lullaby stops, press again to replay.

To play lullaby using the parent unit:

You can play lullaby on the baby unit by controlling remotely with the parent unit.

- Press **MENU** when the parent unit is idle.
- Press or to choose **Lullaby on CAM**, then press **SELECT**.
- Press or to choose **Play Melodies**, then press **SELECT**.
- Press or to choose a lullaby, or choose **Play All**, then press **SELECT**.
 - If **Play All** is selected, the five lullabies will be played one after the other, until all of them are played.
- When the desired lullaby is selected, press or to choose **Play**, then press **SELECT**.

To play soothing sound using the parent unit:

You can play soothing sound on the baby unit by controlling remotely with the parent unit.

- Press **MENU** when the parent unit is idle.
- Press or to choose **Lullaby on CAM**, then press **SELECT**.
- Press or to choose **Play Soothing Sounds**, then press **SELECT**.
- Press or to choose a soothing sound, then press **SELECT**.
- Press or to choose **Play**, then press **SELECT**.

TIPS

- Lullaby playback control with the parent unit menu is available in **Single CAM** and **Patrol** mode only.
- The lullaby playback on the baby unit will be paused when receiving talkback from the parent unit.

To set auto timer for lullaby:

While the baby unit is playing lullaby or soothing sound, the auto timer feature helps you automatically stop the lullaby or soothing sound after playing for 15/30/45/60 minutes. You can set auto timer for lullaby with the parent unit.

- Press **MENU** when the parent unit is idle.
- Press or to choose **Lullaby on CAM**, then press **SELECT**.

- Press **V** or **A** to choose **Auto Timer**, then press **SELECT**.
- Press **V** or **A** to choose the desired **lullabies duration**, then press **SELECT** to confirm your selection.

After 15/30/45/60 minutes, the lullaby or soothing sound will stop automatically.

Set the language

You can select a language (English, French or Spanish) to be used in all screen displays.

- Press **MENU** when the parent unit is idle.
- Press **V** or **A** to choose **Language**, then press **SELECT**.
- Press **V** or **A** to choose **English, Français or Español**, then press **SELECT** to confirm your selection.

Adjust LCD brightness

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

- Press **MENU** when the parent unit is idle.
- Press **V** or **A** to choose **LCD**, then press **SELECT**.
- Press **SELECT** again to choose **Brightness**.
- Press **V** or **A** to choose the desired level of brightness, then press **SELECT** to confirm your selection.

Turn on or off the dim mode

The dim mode is preset to on to help you save the parent unit power. Whenever the parent unit has been left idle for 10 minutes while the screen is still on, the screen will be dimmed automatically to save power.

- Press **MENU** when the parent unit is idle.
- Press **V** or **A** to choose **LCD**, then press **SELECT**.
- Press **V** or **A** to choose **Dim Mode**, then press **SELECT**.
- Press **V** or **A** to choose **On or Off**, then press **SELECT** to confirm your selection.

TIP

- While the screen is dimmed, any keypad or alert message will trigger the screen to return to the preset brightness level. After 10 minutes of idle, it will be dimmed again.

Adjust the sound sensitivity of the baby unit

You can choose to hear sounds from the baby unit all the time, or to hear sounds that exceed a certain level. You can use the parent unit to adjust the microphone sensitivity of your baby unit. The higher the VOX sensitivity level, the more sensitive the baby unit is in detecting sounds for transmitting to the parent unit. The VOX sensitivity level is preset to **HIGHEST**.

Sensitivity Level		Description
Highest	High sensitivity	Highest VOX sensitivity level The parent unit speaker is constantly on, and you will hear all sounds (including background noises) from your baby's room.
	High	High VOX sensitivity level The parent unit speaker turns on for soft babbling and louder sounds from your baby. It remains quiet when your baby sleeps soundly.
Medium		Medium VOX sensitivity level The parent unit speaker turns on for loud babbling and louder sounds from your baby. It remains quiet when your baby makes soft sounds.
Low		Low VOX sensitivity level The parent unit speaker turns on for crying and louder sounds from your baby. It remains quiet when your baby makes soft sounds.
	Lowest	Lowest VOX sensitivity level The parent unit speaker turns on for loud crying or screaming sounds from your baby. It remains quiet when your baby makes soft sounds.
	Low sensitivity	

- Press **MENU** when the parent unit is idle.
- Press **V** or **A** to choose **VOX sensitivity**, then press **SELECT**.
 - If you have two baby units, the system prompts you to choose the desired baby unit or both baby units, press **V** or **A** to choose **ALL CAM or CAM #**, then press **SELECT**.
- Press **V** or **A** to choose **Dim Mode**, then press **SELECT**.
- Press **V** or **A** to choose **On or Off**, then press **SELECT** to confirm your selection.

- 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. 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.
- 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.
- Be aware of possible loss of privacy while using public airwaves. Conversations may be picked up by other nursery monitors, cordless phones, scanners, etc.
- Children should be supervised to ensure that they do not play with the product.
- The product is not intended for use by persons (including children) who reduce visual, auditory, 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 and 104°F.
- 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.
- Make sure the baby unit(s) and the adapter cord(s) are always out of reach of the baby, at least 3 feet away from the baby or crib, to avoid a possible strangulation hazard.

- Press **V** or **A** to choose the desired VOX sensitivity level, then press **SELECT** to confirm your selection.

TIP

- You can adjust the baby unit placement to improve the sound detection.

Turn on or off the sound activation

When sound activation is on, as long as no sound is detected within 50 seconds, the parent unit screen will turn off automatically to save power.

When your baby unit detects a sound, the sound activation triggers the parent unit screen to turn on automatically. When no sound is detected within 50 seconds, the screen will be off again.

- Press **MENU** when the parent unit is idle.
- Press **V** or **A** to choose **Sound-activated Screen**, then press **SELECT**.
- Press **V** or **A** to choose **On or Off**, then press **SELECT** to confirm your selection. The screen returns to main menu.

NOTES

- Sound activation is available in **Single CAM** and **Patrol** mode only.
- If the sound sensitivity is set to **Highest**, the parent unit screen may remain on continuously even though sound activation is on.

Monitoring mode

Every time the parent unit is turned on, it displays a baby unit in **Single CAM** mode. If there are two baby units in your system, you can also monitor your baby in **Patrol** or **Split** mode.

Single CAM	The screen displays a single baby unit in full screen.
Patrol 	A single cam view that transmits to a different baby unit every 10 seconds.
Split 	The screen displays all baby units.

You can choose the desired monitoring mode.

- Press **MENU** when the parent unit is idle.
- Press **V** or **A** to choose **Monitoring Mode**, then press **SELECT**.

- Press **V** or **A** to choose **Single CAM, Patrol** or **Split**, then press **SELECT**.

In Single CAM or Patrol mode:

- Press **VIEW** to view the next baby unit.



In Split mode:

- Press **A**, **V**, **<** or **>** to select a baby unit.
- Press **Q** or **VIEW** key to view the selected baby unit temporarily in **Single CAM** mode. It returns to **Split** mode after 10 seconds.

NOTES

- The parent unit is muted while in **Split** mode.

Zoom

You can zoom in or out while viewing image from baby unit in **Single CAM** and **Patrol** mode.

- Press **Q** to zoom in.
- Press **Q** or hold **A**, **V**, **<** or **>** to move the zoomed image upward, downward, leftward or rightward correspondingly.
- Press **Q** again to zoom out.

Talk

You can use the **TALK** function of the parent unit to comfort your baby in **Single CAM** and **Patrol** mode.

- Press and hold **TALK** on the parent unit. The **TALK** light turns on.
- Speak towards the microphone on the parent unit. Your voice is broadcast to the baby unit.
- Release the **TALK** key to stop the broadcast. The **TALK** light goes off.

Set alert tone

Low battery tone

You can set the parent unit to beep when the parent unit operates in low battery condition.

- Press **MENU** when the parent unit is idle.
- Press **V** or **A** to choose **Alert Tone**, then press **SELECT**.
- Press **SELECT** again to choose **Low Battery Tone**.
- Press **V** or **A** to choose **On or Off**, then press **SELECT** to confirm your selection.

No link alert

You can set the parent unit to beep when the link between the parent unit and the baby unit is lost.

- Press **MENU** when the parent unit is idle.
- Press **V** or **A** to choose **Alert Tone**, then press **SELECT**.
- Press **V** or **A** to choose **No Link Alert**, then press **SELECT**.
- Press **V** or **A** to choose **On or Off**, then press **SELECT** to confirm your selection.

Sound alert in split-view

You can turn on the sound alert feature so that, while in **Split** mode, the parent unit beeps and displays **Sound detected at CAM #** whenever the baby unit detects sounds.

- Press **MENU** when the parent unit is idle.
- Press **V** or **A** to choose **Alert Tone**, then press **SELECT** to select.
- Press **V** or **A** to choose **Sound Alert in Split-view**, then press **SELECT**.
- Press **V** or **A** to choose **On or Off**, then press **SELECT** to confirm your selection.

NOTES

- The sound alert feature is only available in **Split** mode.

Monitor the temperature

Your baby unit monitors the temperature of your baby's room with its built-in temperature sensor. If the detected temperature is outside of the preset temperature range, the parent unit will display alert message.

Set temperature range

You can set the desired room temperature alert range. The minimum temperature can be set between 52 °F (11 °C) and 69 °F (20 °C).

The maximum temperature can be set between 70 °F (21 °C) and 86 °F (30 °C).

- Press **MENU** when the parent unit is idle.
- Press **V** or **A** to choose **Temperature**, then press **SELECT**.
- Press **V** or **A** to choose **Minimum or Maximum**, then press **SELECT**.
 - If you have two baby units, the system prompts you to choose the desired baby unit or both baby units, press **V** or **A** to choose **ALL CAM or CAM #**, then press **SELECT**.
- Press **V** or **A** to choose the desired minimum or maximum temperature, then press **SELECT** to confirm your selection.

Temperature alert tone

You can turn on the temperature alert tone so that the parent unit will emit an alert tone if the detected temperature is out of range.

- Press **MENU** when the parent unit is idle.
- Press **V** or **A** to choose **Temperature**, then press **SELECT**.
- Press **V** or **A** to choose **Alert Tone**, then press **SELECT**.
 - If you have two baby units, the system prompts you to choose the desired baby unit or both baby units, press **V** or **A** to choose **ALL CAM or CAM #**, then press **SELECT**.
- Press **V** or **A** to choose **On or Off**, then press **SELECT** to confirm your selection.

Temperature format

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

- Press **MENU** when the parent unit is idle.
- Press **V** or **A** to choose **Temperature**, then press **SELECT**.
- Press **V** or **A** to choose **Format**, then press **SELECT**.
- Press **V** or **A** to choose "°F" or "°C", then press **SELECT** to confirm your selection.

Turn on or off the vibration

You can turn on the vibration feature so that the parent unit vibrates when it receives any **No link alert**, **Sound alert in split-view** or **Temperature alert tone** after turning on the respective alert tones.

- Press **MENU** when the parent unit is idle.

- Press **V** or **A** to choose **Vibration**, then press **SELECT**.
- Press **V** or **A** to choose **On or Off**.
- Press **SELECT** to confirm your selection.

Rename the baby units

You can rename each baby unit. Once the baby unit is renamed, its new name together with the baby unit number will appear in the sub-menu of below options:

- VOX sensitivity
- Rename
- Temperature

- Press **MENU** when the parent unit is idle.
- Press **V** or **A** to choose **Rename**, then press **SELECT**.
- Press **V** or **A** to choose the desired baby unit, then press **SELECT**.
- Press **V** or **A** to choose the desired name for the baby unit, then press **SELECT** to confirm your selection.

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 are switched on automatically. The image from this baby unit is in black and white, and  appears on screen.

NOTES

- It is normal if you see a short white glare on your parent unit screen as the baby unit is adapting to the dark environment.
- When the infrared LEDs are on, the image is in black and white. This is normal due to external lighting sources.
- Depending on the surroundings and other interfering factors, like lightings, objects, colors and backgrounds, the display resolution may vary. Adjust the baby unit's angle or place the baby unit at a higher level to prevent glare and blurry display.

General product care

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

- Avoid putting 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 cloth.

- DO NOT immerse the parent unit and the baby unit in water and do not clean them under the tap.
- DO NOT use cleaning spray or liquid cleaners.
- Make sure the baby unit and parent 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, remove the rechargeable battery from the parent unit. Store the parent unit, the baby unit and the adapters in a cool and dry place.

Frequently asked questions

Below are the questions most frequently asked about the baby monitor. If you cannot find the answer to your question, visit our website at www.vtechphones.com, or contact 1 (800) 595-9511 for customer service.

Why does the baby monitor not respond normally?	Try the following (in the order listed) for common cure: 1. Disconnect the power to the baby units and the parent unit. 2. Remove the batteries in the parent unit. Then install the batteries again. 3. Wait a few seconds before connecting power back to the baby units and the parent unit. 4. Turn on the baby units and the parent unit. 5. Wait for the parent unit to synchronize with the parent unit. Allow up to one minute for this to take place.
Why don't the power-on light of the baby unit and parent unit go on when I switch on the units?	Perhaps the parent unit is not connected to the mains. Insert the appliance plug into the parent unit and put the adapter in a wall socket. Then press and hold POWER to switch on the parent unit and to establish connection with the baby unit.
Why does the parent unit beep?	Perhaps the baby unit is not connected to the mains. Connect the baby unit to the mains. Then set the ON/OFF switch to ON to establish connection with the parent unit.
Why doesn't my parent unit charge while connected to AC power?	Make sure the power is not controlled by a wall switch. Make sure the battery is correctly installed in your parent unit.
Why does the parent unit hear a sound/ Why can't I hear my baby cry?	You may have used the battery for a long time. Replace a new battery.

Why is my screen in black and white?	The screen is in black and white during nighttime or in a dark room. This is normal due to external light sources.
Why do I get glare or blurry display on my screen when viewing my baby at night?	During nighttime or in a dark room, the surroundings and other interfering factors, like lightings, objects, colors may affect the image quality on your parent unit screen. Adjust the baby unit's angle or place the baby unit at a higher level to prevent glare and blurry display.
Why does the baby monitor produce a high-pitched noise?	The parent unit and baby units may be too close to each other. - Move the parent unit away from the baby units until the noise stops; OR - Turn down the volume of your parent unit.
Why does the parent unit beep?	The baby units may be out of range. Move the parent unit closer to the baby units (but not less than 3 feet).
Why does the parent unit beep frequently in Split mode?	If the parent unit is powered by the provided battery, it may not have enough charge for the parent unit to perform normal operation. Charge the battery in the parent unit for up to 3 hours.
Why does the parent unit hear a sound/ Why can't I hear my baby cry?	If your parent unit is in Split mode, some of your baby units may detect sounds. The temperature of your baby's room may be too high or too low.
Why does the parent unit hear a sound/ Why can't I hear my baby cry?	You may have set the sound sensitivity level to Highest when the sound alert (and vibration) feature are turned on. The parent unit notifies you of all sounds including background noise with beeps (and vibrations). Adjust the sound sensitivity to a lower level.
Why does the parent unit hear a sound/ Why can't I hear my baby cry?	The baby unit also picks up other sounds than those of your baby. Adjust the sensitivity level to a lower level or lower the parent unit speaker volume.
Why does the parent unit hear a sound/ Why can't I hear my baby cry?	The parent unit speaker volume may be too low or off. Press VOL  to increase the volume.
Why does the parent unit hear a sound/ Why can't I hear my baby cry?	You may have set a low sound sensitivity level. Adjust the sound sensitivity of the baby unit to set to a higher level.

Why can't I establish a connection? Why is the connection lost every now and then? Why are there sound interruptions?	The baby units may be out of range. Move the parent unit closer to the baby unit (observe the minimum distance of 1 meter/ 3 feet). Other electronic products may cause interference with your baby monitor. Try installing your baby monitor as far away from these electronic devices as possible.
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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:

- Follow all warnings and instructions marked on the product.
- Adult setup is required.
- 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, do not use it next to a bath tub, wash bowl, kitchen sink, laundry tub or swimming pool, or in a wet basement or shower.
- CAUTION: Use only the batteries indicated in this manual. 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 or replacement battery pack (BT198555/BT288555) for the parent unit. Do not dispose of batteries in a fire. They may explode. Dispose of used battery 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. Baby unit power adapter: Output: 5V DC 600mA Parent unit power adapter: Output: 5V DC 600mA For plugable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.
- The power adapters are intended to be correctly connected to the power outlet. The power adapters are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.
- Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
- Unplug the power cords before replacing batteries.
- Do not cut off the power adapters to replace them with other plugs, as this causes a hazardous situation.

Technical specifications

Frequency control	Crystal controlled PLL synthesizer
Transmit frequency	Baby unit: 2405 - 2475 MHz Parent unit: 2405 - 2475 MHz
Channels	32
LCD	5" Color LCD (WQVGA 480 x 272 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: 3.7V Li-polymer battery Baby unit power adapter: Output: 5V DC @ 600mA Parent unit power adapter: Output: 5V DC @ 1A
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Credits:

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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 replacement parts. VTech will not be responsible for the cost of repair or 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?

- 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
- Include a "valid proof of purchase" (sales receipt) identifying the Product purchased (Product model) and the date of purchase or receipt; and
- Provide your name, complete and correct mailing address, and telephone number.

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 the intended 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.

How do you get warranty service?

To obtain warranty service in the USA, please visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to

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