Go to www.vtechphones.com to register your product for enhanced warranty support and the latest VTech product news.

VM345 VM345-2

Safe & Sound® Full Color Video Monitor







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

For support, shopping, and everything new at VTech, visit our website at www.vtechphones.com.

# What's in the box











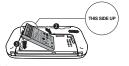
The parent unit runs on rechargeable battery or AC power. To continuously monitor your baby, make sure you use both battery and AC power at the same time. With the battery alone, the parent unit can cordlessly run for a short time only.

- Use only the battery supplied with this product The operating time for using the rechargeable battery is short. If you want to monitor your baby for a long time, we recommend you connect the parent unit to AC power.
- If the parent unit will not be used for a long time disconnect and remove the battery to prevent possible leakage

Install the battery as shown below



Press down on the large tab of the battery



Make sure the label THIS SIDE UP is facing up



Replace the battery

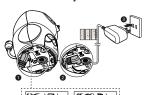
To replace the battery, press down on the large tab of the battery compartment cover and pull it out, then follow the steps above to

# onnect and charge the

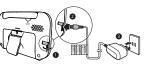
- Use only the power adapters supplied with this
- product.

  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



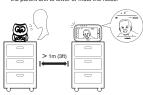




This baby monitor is intended as an aid. It is not a substitute for proper adult supervision, and should not be used as such.

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

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.



- 1. Make sure your baby units and parent unit
- 2. The parent unit displays images from the
- Speak towards the baby unit microphone. You will hear the sound at the parent
- 3. If you have more than one baby unit, press VIEW on the top of 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 behavior 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

# CZTIP

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

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.

Positioning the baby monitor

# **⊘**NOTE

To avoid interference from other electron devices, place your baby monitor far aw devices such as wireless routers, micron phones and computers.

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



2. Adjust the angle of the baby unit camera to



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

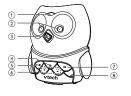


- The default volume of your parent unit is level 4 If you experience high-pitched screeching from your baby monitor while positioning:
- Make sure your baby units and parent unit are more than 1 meter (3 feet) apart, OR Turn down the volume of your parent unit

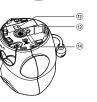
# Operating range

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

# Baby unit overview







# ▶/■ Play/Stop Press to play or stop lullaby on the baby unit. ▼/VOL/▲ Press to adjust the baby unit ker volume. It deter lullaby volume and talkback volum transmitted from the parent unit. Press to play the next lullaby ON/OFF light

Light sensor

Infrared LEDs

Camera

Microphone

 On when the baby unit is turned or and is paired to the parent unit

Flashes when the haby unit is not being viewed; or when the link to the parent unit is lost. ON/OFF switch

 Slide to turn on or off the baby unit. 10 Speaker 11 Temperature sensor

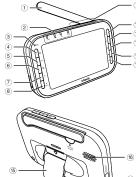
 Your baby units and parent unit provided are already paired. Press and hold on accessory baby

units (VM315, purchased separately to pair to the parent unit. 13 Threaded socket

For wall mount installation use

# 14 Power jack

# Parent unit overview



	<b>O</b>
1	Antenna
2	LED lights  Indicate the different statuses of the parent unit. For details, refer to Parent unit lights.
3	Microphone
4	On/off     Press and hold to power on.     Press and hold again to power off.
5	TALK     Press and hold to talk to the selected baby unit in SINGLE-CAM or PATROL mode.
6	Zoom     Press to zoom in or out while viewing image in SINGLE-CAM or PATROL mode.

# While viewing zoomed image, press and hold to move the zoomed While in SPLIT-VIEW mode, press t

1	Antenna
2	Indicate the different statuses of the parent unit. For details, refer to Parent unit lights.
3	Microphone
4	U On/off Press and hold to power on.
_	Press and hold again to power off.
5	Press and hold to talk to the selected baby unit in SINGLE-CAM or PATROL mode.
6	⊕ Zoom

	DACK
•	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-VIEW mode, press to

- move the selection box leftward. VIEW / LCD ON/OFF Press and hold to turn off the pare
- Press to view the image of the next baby unit in SINGLE-CAM or PATROL mode. PATROL
- Press to turn on or off the PATROL SPLIT
- Press to turn on or off the SPLIT-VIEW mode. +/VOL
- Press to increase the parent unit speaker volume. -/VOL · Press to decrease the parent unit
- MENU/SELECT Press to enter the menu.
- While in a menu, press to scroll up. While viewing zoomed image, press and hold to move the zoomed
  - While in **SPLIT-VIEW** mode, press to move the selection box upward.

# While in a menu, press to scroll dow While viewing zoomed image, press and hold to move the zoomed While in SPLIT-VIEW mode, press Stand

# Speaker Power jack

ed	Parent unit lights		
s to	LINK	On when the parent unit is linked to the baby unit.	
nt		Flashes when the link to the baby unit being viewed in SINGLE-CAM or PATROL mode is lost; or when the link to all baby units being	

- viewed in SPLIT-VIF On when the parent connected to AC po battery is charging. Flashes when the pa battery is low and ne
- Off when the parent lisconnected from a TALK On when the parent the baby unit.

# 

# A

Paren	t unit display icons
<b>760</b>	Connection status  • I'll displays when strong signal strength is detected between th baby unit and the parent unit.  • I'll or I'll displays when modera or low signal strength is detecte between the baby unit and the parent unit.  • I'll displays when the link between the baby unit and the parent unit is lost.
	Lullahy

# ⊚ 1 or Current view status

unit is linked to	
k to the baby SINGLE-CAM lost; or when nits being EW mode is lost.	
unit is wer, or the	
arent unit eeds charging. unit is AC power.	
unit is talking to	ŀ
unit speaker	

# On when the paren

arent unit display icons		
	Connection status  Till displays when strong signal strength is detected between the baby unit and the parent unit.  Till or Till displays when moderate or low signal strength is detected between the baby unit and the parent unit.  Till displays when the link between	

· Displays when the baby unit being

# 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-VIEW** mode. Patrol mode Displays when the parent unit is in **PATROL** mode. Split-view 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 Real-time temperature • Displays the real-time temperature

	9-level sound indicator
40	Mute alert  Displays when the parent unit speaker volume is set to off.  Displays when SPLIT-VIEW mod is turned on.
	detected by the baby unit in Fahrenheit (°F) or Celcius (°C) (e.g. <b>57</b> °F or <b>14</b> °C).

IIII (1 to 3 hars) indicates low 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). Displays the parent unit speaker volume level while adjusting.

# Battery status

when the battery is charging. m displays solid when the hatte 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





Alert Tone You can set the parent unit to been 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-VIEW mode. Sensitivity 0 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 exceed a certain level. You can use the parent unit to adjust the microphone sensitivity of your baby unit. The higher the sensitivity leve the more sensitive the baby unit is in detecting sounds for transmitting to the parent unit.



unit beeps whenever the room emperature detected by the baby nit falls outside of the desired Vibration You can turn on the vibration alert so that the parent unit vibrates when it receives Low battery tone, No link alert. Sound alert in split-view

or Temperature alert tone after turning on the respective alert tones.

## Sound-activated Screen Automatically turns on the parent unit screen when a baby

unit detects a sound after the

creen is turned off. When no

Charge the parent unit battery

When you have connected the parent unit and installed its battery for the first time or

battery status (see the following table).

after power outage, the parent unit powers on automatically. The battery icon indicates the

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.

No battery

but operates using AC

power, or the

battery has

The battery

has very little

charge and

for only a

may be used

fully charged.

The battery is To keep

Action

Install the

parent uni

battery. Charge

without

without

(about

interruption

the batter charged, connect it to AC power

when not in

interruption

Battery Battery status

The battery

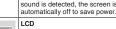
The screen

at Parent

displays Battery low

Unit and I□

The battery



You can change the brightness of the parent unit screen, or turn or the **Dim Mode** to save power.



You can choose a specific name for the baby unit from a pre-defined name list. Pair/Unpair The baby unit and parent unit provided are already paired. You can add or replace baby units (VM315, purchased separately) to

The selected baby unit is

# Parent unit display messages

♥© No link to CAM # *	out of range or is turned off.
Battery low at Parent Unit	The battery level of the parent unit is very low and needs to be recharged.
Battery empty. Powering off	The battery is empty and needs to be recharged.
Sound detected at CAM #	The sound level exceeds the threshold at CAM # in SPLIT-VIEW mode.
Temperature too high at CAM # or Temperature too low at CAM #	The temperature detected by the baby unit is higher/lower than the desired temperature alert range.
Powering on	The parent unit is turning on.
\$	The parent unit is searching for baby units.

# represents the selected baby unit number

- Power on or off the baby unit Slide the ON/OFF switch on the baby units to ON to power on. The ON/OFF LED light
- Slide the **ON/OFF** switch on the baby units to **OFF** to power off. The **ON/OFF** LED light

- Power on or off the parent unit
- Press and hold  $\Phi$  again to power off the parent unit. The screen turns off.

# screen You can turn on or off the parent unit scre

# Press any key on the parent unit to turn on

- For parent unit:
- For baby unit:

# comfort your baby.

Press ➤ on the baby unit to switch to the

 Press and hold O to power on the parent unit. The screen turns on. Set the language

# Turn on or off the parent unit

- without powering off the parent unit. You can still hear sound from the baby units.
- Press and hold LCD ON/OFF on the top of

# Adjust the speaker volume

# Play lullaby on the baby unit You can play lullaby on the baby unit to

- Press ▶/■ on the baby unit to play lullaby. It starts playing lullaby for 10 minutes
- Press ▶/■ again to stop the lullaby

- When the lullaby stops, press ▶/■ again to replay.
- You can select a language (English, French or Spanish) to be used in all screen displays.

# 3. Press ▼ or ▲ to choose English, Français or Español, then press SELECT to confirm

# **A**NOTE

- ne baby unit speaker volume determi e lullaby volume and talkback volume ansmitted from parent unit.
- Press ▼/VOL/▲ on the baby unit to adjust

- 1 Press MENU when the parent unit is idle 2. Press ▼ or ▲ to choose Language, then

- 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**.
- 1. Press MENU when the parent unit is idle. 2. Press ▼ or ▲ to choose LCD, then press Press SELECT again to choose Brightness.

# Press ▼ or ▲ 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. 1. Press MENU when the parent unit is idle.
- Press ▼ or ▲ to choose LCD, then press SELECT. Press ▼ or ▲ to choose Dim Mode, ther press SELECT. Press ▼ or ▲ to choose On or Off, then press SELECT to confirm your selection

# **⊘**NOTE

Highest

While the screen is dimmed, any keypress of while the screen is diffined, any keypiess of alert message will trigger the screen to return t the preset brightness level. After 10 minutes of idle, it will be dimmed again.

of your baby units from **Lowest** to **Highest**The higher the sensitivity level, the more

one nigner the sensitivity level, the more sensitive the baby unit is in detecting sounds for transmitting to the parent unit. The sound sensitivity level is preset to **Highest**.

Sound sensitivity table for reference

# 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. Adjust the sound sensitivity of When your baby unit detects a sound, the the baby units

Description

The parent unit speaker is constantly on, and you will hear all sounds (including background noises) from your baby's room.

The parent unit speaker turns on for soft babbling and louder sounds fror your baby. It remains quiet when you baby sleeps soundly.

The parent unit speaker turns on for loud babbling and louder sounds from your baby. It remains quiet when your baby makes soft sounds.

The parent unit speaker turns on for crying and louder sounds from your baby. It remains quiet when your baby makes soft sounds.

The parent unit speaker turns on for loud crying or screeching sounds from your baby. It remains quiet when your baby makes soft sounds.

1. Press MENU when the parent unit is idle.

Press ▼ or ▲ to choose Sensitivity, then press SELECT.

Press ▼ or ▲ to choose the desired sensitivity level, then press SELECT to confirm your selection.

You can adjust the baby unit placement to

press SELECT.

If you have more than one baby unit,
the system prompts you to choose the
desired baby unit or all baby units, press
▼ or ▲ to choose ALL CAM or CAM #,
then press SELECT.

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. You can choose to hear sounds from the baby units all the time, or to hear sounds that exceed a certain level. You can use the parent unit to adjust the microphone sensitiv

Turn on or off the sound

activation

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

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 continuousl even though sound activation is on.

## Monitorina mode

Every time the parent unit is turned on, it displays a baby unit in SINGLE-CAM mode

SINGLE-CAM	The screen displays a single baby unit in full screen.
PATROL 🚭	A single cam view that transits to a different baby unit every 10 seconds.
SPLIT-VIEW	The screen displays all baby units (up to four) on one screen.

# In SINGLE-CAM or PATROL mode

Press VIEW to view the next baby uni







17. This product should not be placed in any area

18. Never push objects of any kind into this product through the slots because they may be use

19. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removi parts of the product other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassemblin can cause electric shock when the product is

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

sensory or mental capabilities, or lack of experience and knowledge, unless they have

SAVE THESE INSTRUCTIONS

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

possible strangulation hazard. Never place the baby unit(s) inside the baby's crib or playpen. Never cover the baby unit(s) or parent unit with anything such as a towel or a blanket. Other electronic products may cause interference with your baby monitor. Try

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, least 3 feet away from the baby or crib, to au possible strangulation hazard.

installing your baby monitor as far away from these electronic devices as possibl wireless routers, radios, cellular telephor

personal computers, kitchen appliances and

dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.







Press SPLIT to enter the SPLIT-VIEW mode.



Press ▲. ▼. ◀ or ▶ to select a baby unit.

baby unit temporarily in SINGLE-CAM

Press PATROL to enter PATROL mode

Press SPLIT to return to the mode (SINGLE-CAM or PATROL) used before entering SPLIT-VIEW mode.

The parent unit is muted while in SPLIT-VIEW

om baby unit in SINGLE-CAM and PATROL

Press and hold ▲, ▼, ◀ or ▶ to move the

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

 Speak towards the microphone on the parent unit. Your voice is broadcast to the Release the TALK key to stop the broadcast. The TALK light goes off.

comed image upward, down rightward correspondingly.

mode. It returns to SPLIT-VIEW mode afte

Press to view the se

In SPI IT-VIEW mode

Zoom

- Press SELECT again to choose Low Battery Tone.
- Press ▼ or ▲ to choose On or Off, then press SELECT to confirm your selection.

Set alert tone

Low battery tone

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

1. Press MENU when the parent unit is idle.

2. Press ▼ or ▲ to choose Alert Tone, then

- 1. Press MENU when the parent unit is idle. Press ▼ or ▲ to choose Alert Tone, then press SELECT.
- Press ▼ or ▲ to choose No Link Alert, then press SELECT. 4. Press ▼ or ▲ 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-VIEW mode, the parent unit beeps and displays Sound detected at CAM # whenever the baby unit detects sounds. You can zoom in or out while viewing im Press MENU when the parent unit is idle.

- Press ▼ or ▲ to choose Alert Tone, then press SELECT to select.
- split-view, then press SELECT.

  Press ▼ or ▲ to choose Sound alert in split-view, then press SELECT.

  Press ▼ or ▲ to choose On or Off, then press SELECT to confirm your selection.
- The sound alert feature is only available in SPLIT-VIEW 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

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).

- 1. Press **MENU** when the parent unit is idle. Press ▼ or ▲ to choose Temperature, then press SELECT.
- 3. Press ♥ or ▲ to choose Minimum or Maximum, then press SELECT.
- If you have more than one baby unit, the system prompts you to choose the desired baby unit or all baby units, pres ♥ or ▲ to choose ALL CAM or CAM #, then press SELECT.
- Press ▼ or ▲ to choose the desired minimum or maximum temperature, ther press SELECT to confirm your selection.

# Temperature alert tone

You can turn on the temperature alert tone so detected temperature is out of range.

- 1. Press **MENU** when the parent unit is idle Press ▼ or ▲ to choose Temperature, then press SELECT.
- Press ▼ or ▲ to choose Alert Tone, then press SELECT.
- If you have more than one baby unit, the system prompts you to choose the desired baby unit or all baby units, press  $\blacktriangledown$  or  $\blacktriangle$  to choose ALL CAM or CAM #, then press SELECT.
- Press ▼ or ▲ to choose On or Off, then press SELECT to confirm your selection

## Temperature format Night vision The baby unit has infrared LEDs that allow you

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

- 1. Press MENU when the parent unit is idle.
- . Press ▼ or ▲ to choose Temperature, ther 3. Press ▼ or ▲ to choose Format, then press
- Press ▼ or ▲ to choose Fahrenheit or Celsius, then press SELECT to confirm

# Turn on or off the vibration

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

- 1. Press MENU when the parent unit is idle. 2. Press ▼ or ▲ to choose Vibration, then press SELECT.

  3. Press ▼ or ▲ 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:

- 1. Press MENU when the parent unit is idle.
- Press ▼ or ▲ to choose Rename, then press SELECT.
- Press ▼ or ▲ to choose the desired name for the baby unit, then press SELECT to

to see your baby clearly at night or in a darl

NOTES

parent unit

oom. When the baby unit being viewed letects low light levels, the infrared LEDs are

When the infrared LEDs are on, the image is in black and white. This is normal due to external light sources.

Depending of 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

Depending on the surroundings and other

Pair new baby unit (VM315)

The baby units and parent unit provided are already paired. You can add or replace any baby units (VM315, purchased separately) to your video and audio monitor system. You

can pair a maximum of four baby units to you

For more details, refer to the user's manual

that comes with your VM315 new baby unit.

To keep this product working well and looking good.

- Avoid putting it near heating appliances and devices that generate electrical noise (for example, motors or fluorecent lamps). that generate electrical moiss (to example, mouns of thuorescent tamps).

  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 until 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 agai

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. 

surchargez pas les prises de courant trales ni les rallonges électriques.

chancelants.

Les trous et ouvertures du boîtier, situés à l'arrière de l'appareil ou sous celui-ci, servent à aérer l'appareil. Pour l'empêcher de surchauffer, ne bloquez sous aucun prétexte ces ouvertures et n'empêchez pas l'aération adéquate de l'appareil en le plaçant sur unit, divan, tapis ou toute autre surface similaire. De même, ne le positionnez pas à proximité ni au-dessus d'une source de chaleur ou d'un calorifère. De plus, ne placez pas l'appareil en su nendrait avant

Ne placez pas cet appareil sur un chariot, meuble, trépied, support de montage ni table

18. N'enfoncez jamais d'objets à travers les

Why does the baby monitor not respond normally?	Try the following (in the order listed) for common cure:  1. Instead for common cure: 1. Instead the parent unit. 2. Remove the batteries in the parent unit. 2. Remove the batteries in the parent unit. Then install the batteries again. 3. Wall 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. Wall for the parent unit to synchronize with the baby units. Allow up to one minute for this to take place.
Why don't the power-on ight 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 $\Phi$ to switch on the parent unit and to establish connection with the baby unit.
	Perhaps the baby unit is not connected to the mains. Connect

e baby unit to the mains. The the ON/OFF switch to ON o switch on the baby unit and the one of the baby unit and the one of the baby unit and the open of the original than the original t Make sure the power is not controlled by a wall switch.

Why doesn't Make sure the battery is co installed in your parent unit

fou may have used the battery or a long time. Replace a new pattery. The screen is in black and white during nighttime or in a dark room. This is normal due to external light sources.

Below are the questions most frequently asked about below are the questions into its requestly 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. In Canada, visit our website at www.vtechcanada.com or call 1 (800) 267-7377.

hy does the aby monitor of respond ormally?	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. Wall 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. Wall for the parent unit to synchronize with the baby units. Allow up to one minute for this to take place.	b ph n
'hy don't	Perhaps the parent unit is not	

does the monitor espond ally?	Try the following (in the order listed) for common cure:  1. Disconnect the power to the baby units and the parent unit.	ba pro hig no
	Remove the batteries in the parent unit. Then install the batteries again.	Th
	Wait a few seconds before connecting power back to the baby units and the parent unit.	ligi ba fla:
	Turn on the baby units and the parent unit.	the

ure both parent unit and baby nit are on before pairing.

Press MENU when the parent

unit is idle.

Press ▼ or ▲ to choose

Pair/Unpair CAM, then press

SELECT. Press SELECT again to choose Pair CAM. Press ▼ or ▲ to choose an empty baby unit slot, then press SELECT. The parent

Immediately press and hold PAIR on the bottom of the

During nighttime or in a dark room, the surroundings and otl

room, the surroundings and oth interfering factors, like lightings objects, colors and backgrounds may affect the image quality on your parent unit screen. Adjust the baby unit's angle or place the baby unit's a night even to prevent glare and blurry display.

Move the parent unit away from the baby units until the noise stops; OR Turn down the volume of your

pointed object such as a pencil. The LED light flash reen displays the view of newly ired baby unit in SINGLE-CAM ode. The LED light on the new by unit remains on.

aby unit remains on.

If pairing fails, the screen displays **Pairing failed**. Try the pairing process again. Only one baby unit can be paired at a time.

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 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 medica

Do not use this product near water. For example

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 (8T198555/BT29855) 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 correct adapter polarity or voltage can priously damage the product. aby unit power adapter: Output: 5V DC 1A arent unit power adapter: Output: 5V DC 1A.

The power adapter: Output: SV DC 1A.
The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet. For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be

easily accessible.

10. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

11. Unplug the power cords before replacing

batteries.

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

On not allow anything to rest on the power cords on not install this product where the cords may

pe walked on or crimped.

14. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult your dealer or local power company.

15. 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.

# 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 on the next page); 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 USA, please visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.

location along with a description of the malfunction

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

Other limitations

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

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

The baby units may be out of range. Move the parent unit closer to the baby units (but not less than 3 feet).

Charge the battery in the pare unit for up to 3 hours.

If your parent unit is in SPLIT-VIEW mode, some of you

The temperature of your baby's

sensitivity level to **Highest** the sound alert (and vibratis feature are turned on. The punit notifies you of all sound including background noise beeps (or vibrations). Adjus sound sensitivity to a lower

The baby unit also picks up other

You may have set a low sound sensitivity level. See Adjust the sound sensitivity of the baby unit to set to a higher level.

The baby units may be out of range. Move the parent unit closer to the baby units (observe the minimum distance of 1 meter/ 3 feet).

Why does the parent unit

You may have set the sound sensitivity level to **Highest** wheating the sound sensitivity level to **Highest** which the sound sensitivity level to **Highest** wheating the so

frequently in SPLIT-VIEW

Why does the parent unit react to

Why don't I hear a sound Why can't I hear my baby

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. and features may save you a service call. Except as provided by applicable law, you assum the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of the Productly to the service location. VTech will retur-repaired or replaced Product under this limited repaired or replaced Product under this limited warranty. Transportation, delivery or handling charges are prepaid. Vfech 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, of the world for the world warranty. Tech will notify you and will request that you authorize the cost of repair prior to any further control and the world warranty.

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

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

Limitations: Implied warranties, including those of filness for a particular purpose and merchantability (a unwritten warrant) that the Product is fit for ordinary use) are limited to one year from the date of purchas 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.

Frequency Crystal controlled PLL synthesizer Transmit Baby unit: 2406 - 2475 MHz Parent unit: 2406 - 2475 MHz 24 LCD 4.3" Color LCD (WQVGA 480x272 pixel) Maximum power allowed by FCC and IC. Actual operating range ma vary according to environmental vary according to environment conditions at the time of use. Parent unit: 3.7V Li-polymer battery Parent unit power adapter: Output: 5V DC @ 1A

The Background Noise sound file was created by Carolin Ford, and is used under the Creative Commons license. The Stream Noise sound file was created by Caroline Ford and is used under the Creative Commons license. The Crickets At Night sound file was created by Mike Koenig and is used under the Creative Commons license.



Specifications are subject to change without notice © 2016 VTech Communications, Inc.
All rights reserved. 06/16. VM345-X\_CIB\_V1

# . Cardiac pacemakers (applies only to digital cordless 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 of the product of the place of the pla Wireless Technology Research, LLC (WTR), an

independent research entity, led a multidisciplinary evaluation of the interference between portable wireless devices and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that Pacemaker patients

ould keep wireless devices at least six inches

Precautions for users of implanted cardiac pacemakers

from the pacemaker.
Should NOT place wireless devices directly over the pacemaker, such as in a breast pocket, wher it is turned ON. WTR's evaluation did not identify any risk to bystanders with pacemakers from other persons

# using wireless devices. Electromagnetic fields (EMF)

This 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 21 Periodically examine all components for damage 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.

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

24. The product is not intended for use by persons (including children) with reduced physical,

The RBRC® seal on the lithium-ion battery indicates that VTech Communications. Inc. is voluntarily that viech 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 VTech's participation in BBBC® makes it easy for VTech's participation in RBRC" makes it easy for you to drop of the spent battery at local retailers participating in the RBRC® program or at authorized VTech product service centers. Please call 1 (800) 8 BATTERY® for information on Li-ion battery recycling and disposal bans/restrictions in your area. VTech's involvement in this program is part of its commitment to protecting our environmen and conserving natural resources.



RBRC® and 1 (800) 8 BATTERY® are registered trademarks of the Rechargeable Battery Recycling Corporation.

FCC Part 15
This acquipment 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 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

WARNING: Changes or modifications to this equipment not expressly approved by the part 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 nonzation

Consult the dealer or an experienced radio/TV

undesired operation 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 e FCC criteria. The baby unit shall be insti arent unit shall be held at least 1 in (2.5 cm) fro

This Class B digital apparatus complies with

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

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

is product meets the applicable Industry Canada

RF radiation exposure statement The baby unit complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The baby unit should be installed and operated with a minimum distance of 8 in (20 cm) between the baby unit and all persons' body. Use of obtween the body unit and an inpersons body. User other accessories may not ensure compliance with FCC RF exposure guidelines. This transmitter mus not be co-located or operating in conjunction with any other antenna or transmitter. This equipment only 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.

# ttery charging testing mod

This baby monitor meets the California Energy Commission (CEC) regulations for energy consumption. Your baby monitor is set up to comply with the energy-conserving standards right out of the box.

Even if the parent unit is paired to baby units, the CEC battery charging testing mode is activated w it is powered off and charging.

Mesures de sécurité importantes

N'utilisez pas cet appareil près de l'eau ni de toute autre source d'humidité, par exemple n toute autre source d'humidite, par exemple, prè d'une baignoire, cuve à lessive, évier de cuisine dans un sous-sol humide ni près d'une piscine, dans un soussol humide ou une douche.

recnange (BI 19855)/BI 29855). N Incinerez pe les piles. Celles-ci risqueraient d'exploser. Jetez les piles usées selon les renseignements suivani le sceau du RBRC<sup>MD</sup>. N'utilisez que les adaptateurs inclus avec ce produit. L'utilisation d'un adaptateur dont la

Lorsqu'ils sont branchés dans une prise o

table ou dans un meuble.

9. Pour les PRODUITS à BRANCHER À UNE
PRISE DE COURANT, la prise de courant doit dre installée prês du produit, afin d'assurer une accessibilité sécuritaire à la prise de courant.

10. Débranchez ce produit de la prise de courant avant de procéder au nettoyage. Nutilisez pas de nettoyants en aérosols. Utilisez un chiffon humide pour le nettoyer ! De l'abrenche les cordons d'alimentation avant de remplacer le bloc-piles.

11. Débranchez les cordons d'alimentation pour remplacer les liches, car ceci peut présenter un danger potentiel.

# 13. Ne laissez aucun objet reposer ni appuyer sur le cordon d'alimentation. N'installez pas cet appareil dans un endroit où l'on risque d'écrase le cordon d'alimentation ou de le piétiner. Ne faites fonctionner cet appareil qu'avec le type d'alimentation indiqué sur l'étiquette. Si vous ne connaissez pas le type d'alimentation que vous possédez à votre domicile, consultez votre marchand ou votre compagnie locale d'électricité.

uoupuis suivie certaines mesures de precaution de base afin de réduire les risques d'incendie, d'électrocution et de blessures corporelles, dont ceux qui suivent :

Observez toutes les instructions et mises en garde inscrites sur l'appareil.

garde inscrites sur l'appareil. L'installation par un adulte est requise. Ce produit a été conçu pour être un dispositif d'appoint seulement. Il n'est pas le remplacement d'une supervision responsable et adéquate par un adulte et ne devrait pas être utilisé comme telle. Ce produit n'est pas conçu pour être utilisé en tant que moniteur médical.

MISE EN GARDE: Il peut y avoir un risque piles pour l'unité du parent. N'utilisez que le bloc-piles rechargeable inclus coults que le c-piles rechargeable inclus ou le bloc-piles hange (BT198555/BT298555), N'incinérez

produit. L'utilisation d'un adaptateur dont la polarité ou la tension serait inadéquate risque d'endommager sérieusement le produit et me votre sécurité en péril. votre securite en peril. Adaptateur de l'unité du bébé : Sortie : 5 V CC 1A Adaptateur de l'unité du parent : Sortie : 5 V CC 1A

Lorsqu'ils sont branchés dans une prise de courant, les adaptateurs secteur ont été conçus pour être orientés correctement, soit à la verticate ou au plancher. Les broches n'ont pas été conçues pour supporter le poids du bloc d'allmentation et le maintenir en place si celuici est branché dans une prise au plafond, sous une table ou dans un meuble.

22. Soyez avisé de la perte de la confidentialité lorsque vous utilisez les ondes publiques. Les conversations peuvent être entendues par d'autres moniteurs de bébé, des téléphones sans fil, des scanneurs, etc.

CONSERVEZ CES INSTRUCTIONS

de l'adaptateur sont toujours hors de portée des enfants, à au moins 1 mètre (3 pieds) de l'enfant ou du berceau, pour éviter tout risqu Ne jamais placer le moniteur à l'intérieur du

# ne placez pas l'appareil dans un endroit avant de vous assurer qu'il y ait une bonne circulatio

N'enfoncez jamais d'objets à travers les ouvertures de cet appareil, car lis pourraient entrer en contact avec des points de tension dangereux ou causer des courts-circuits qui peuvent dégénérer en incendies ou en risques d'électrocution. Ne renversez jamais de liquide dans ce produit. Afin de réduir les risques d'électrocution, ne démontez pas cet appareil, mais apportez-le demontez pas cet appareal, mais apportez-ie demontez pas cet appareal, mais apportez-ie du bolitier ou le retrait de toutes pièces confient cet appareil, à l'exception de l'accès autorisé à certaines portes ou ouvertures, risque de vous exposer à des points de tension dangereux ou d'autres dangers. Un remontage incorrect peut par la suite présenter des risque incorrect peut par la suite présenter des risque

Avis aux détenteurs de stimulateurs cardiaques Vous devriez maintenir les dispositifs sans fil à au moins six pouces du simulateur card

incorrect peut par a sono prodélectrocution.

Vous devriez tester la réception chaque fois que vous mettez l'appareil en fonction.

Examinez les composantes afin de vérifier si celles-ci ne sont pas endommagées.

 Les enfants devraient être supervisés afin de vous assurer qu'ils ne jouent pas avec l'appai Le produit n'est pas conçu pour être utilisé par des personnes (incluant des enfants) aux canacités physiques, sensorielles ou mentale

reduites ou qui manquent d'expérience et de réduites ou qui manquent d'expérience et de connaissances, à moins qu'on leur ait donné suffisamment de supervision ou d'instruction relativement à l'utilisation de l'appareil par une personne responsable de laur céaudit

# Mises en garde

Utilisez et entreposez le produit à une température entre 0° C (32°F) et 40°C (104°F) temperature entre 0 °C (32 °F) et 40 °C (104 °F).

N'exposez pas cet appareil à des froids ou des chaleurs extrêmes, ainsi qu'à la lumière directe du solleil. Ne l'installez pas près d'une source de chauffage.

Le bloc-pilles ne doit pas être exposé à la chaleur excessive telle que la lumière du soleil ou au fief.

Ne jamais placer le moniteur à l'intérieur du berceau ou du parc de bébé. Ne jamais couvrir le moniteur ou l'unité (s) portative avec un article tel une serviette ou une couverture.

D'autres équipements électroniques peuvent produire des interférences sur votre moniteur vidéo et audio. Tentez d'installer votre moniteur vidéo et audio à l'écart des appareils électroniques tels que des routeurs sans fil, radios, téléphones cellulaires, interphones, moniteurs, téléphones, ordinateurs personnels, électromiques de l'éphones sans fil.

# Stimulateurs cardiaques implantés dans

l'organisme
Les simulateurs cardiaques (ne s'applique qu'aux dispositifs numériques sans fil):
L'organisme 'Wireless Technology Research, LLC (WTR)', une firme de recherche indépendante, a mené une évaluation pluridisciplinaire des interférences entre les téléphones sans fil portatifs et les stimulateurs cardiaques implamés dans l'organisme. Appyvée par l'Administration des aliments et drogues (FDA) des Etats-Unis, la firme WTR recommande aux médécins:

lls ne doivent PAS placer le téléphone sans fil directement sur le stimulateur cardiaque, tel que dans une poche de chemise, lorsque celui-ci est L'étude effectuée par l'organisme WRS n'a pas

identifié de risque pour les détenteurs de sin cardiaques causés par les gens qui utilisent dispositifs sans fil à proximité de ceux-ci. Champs électromagnétiques (EMF)

Champs electromagnetiques (EMF)

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

What does this limited warranty cover? The manufacturer of this VTech Product wa the holder of a valid proof of purchase ("Cor or "you") that the Product and all accessorie

provided in the sales package ("Product") are free from defects in material and workmanshi pursuant to the following terms and conditions 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 Product purchased and used in the United States of America. Assurez-vous que le moniteur et le cordon

# 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 replacement parts. If we choose to replace the Product, we may replace it with a new or reflurbishe 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 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?

How long is the limited warranty period? The limited warranty period for the Product exten 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) or replacement Product for a period of eithe 90 days from the date the repaired or repla Product is shipped to you or (b) the time rei on the original one-year warranty; whichevel

What is not covered by this limited warranty? his 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

is caused by signal conditions, r or cable or antenna systems; 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 experience is caused by signal conditions, network reliability.

 Product to the extent that the problem is caused by use with non-VTech accessories; or 5. Product whose warranty/quality stickers. product

# 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.

. Return the entire original package and contents including the Product to the VTech service