- (Volume down)

12 **Temperature sensor**

Parent unit overview

13 Battery compartment cover

Threaded socket (1/4 in)

volume.

⇒ (Skip)

14 Speaker

Antenna

Press to decrease the listening

Press to skip to the next lullaby

For wall mount installation use.

VM321 VM321-2 VM351 VM351-2

Safe & Sound Video & audio monitor



User's manual (Canada version)

Press and hold to turn on or off.

press to zoom in or out.

Parent unit lights.

the previous menu.

move leftward.

While viewing in single-CAM mode,

Indicate the different statuses of the

parent unit. For details, refer to

While in a menu, press to return to

While viewing in @ mode, press to

While viewing in multi-CAM mode,

press to move left or right to

Press to increase the speaker

While in a menu, press to scroll up.

While viewing in @ mode, press to

While viewing in multi-CAM mode,

press to scroll up or down to

highlight a desired camera.

highlight a desired camera.

也 On/off

LED lights

LCD display

⋖/BACK

▲/VOL+

volume.

move upward.

MENU/SELECT

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

hat's in the box





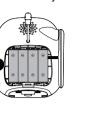




Install the baby unit battery

You can power up the baby unit by connecting it to AC power or installing four AA alkaline batteries. Even if the baby unit is connected to AC power, we recommend you also install four AA alkaline batteries. This guarantees continual operation in case of a power outage Install four AA alkaline batteries (not supplied) into the battery compartment, matching the polarity markings (+ and -) inside the battery

Make sure the ribbon attached inside the battery compartment is put under the batteries and the excess ribbon is tucked in properly. Install the battery as shown below.





- Do not mix old and new batteries. Do not mix alkaline and standard (carbon-zinc) batteries
- The operating time for using AA batteries is short, only for a few hours. If you want to monitor your baby for a long time, we recommend you connect your baby unit to AC power.
- disconnect and remove the battery to prevent possible leakage. You can use rechargeable AA batteries for
- the baby unit, but the baby unit cannot charge rechargeable batteries.

Replace the baby unit battery To replace the battery, gently pull the ribbon

and lift up to remove the batteries, then follow the step above to install the battery.

Baby unit light

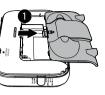
nstall the battery

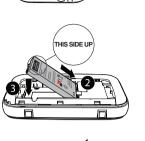
The parent unit runs on rechargeable battery or AC power. To continuously monitor your baby, make sure you use both battery and AC power at the same time. With the battery alone, the parent unit can cordlessly run for a short time only.

Install the parent unit battery

Install the battery as shown below.

Use only the battery supplied with this product







To replace the battery, pull out the battery compartment. Press down on the large tab of the battery and pull it out of the battery install the battery.

· 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

Parent unit display icons

Connection status

Till displays when strong signa

strength is detected between

the baby unit and the parent

or low signal strength is

T displays when the link

Displays when the camera

at the selected baby unit has

and the parent unit.

parent unit is lost.

Til or Ti displays when moderate

detected between the baby unit

between the baby unit and the

Mount the baby unit Use the provided wall mount if you want to

connect the baby monitor

Connect the baby unit

- **Ø**NOTES · Use only the power adapters supplied with this
- Make sure the electrical outlets are not controlled by wall switches
- 1. Place the wall mount bracket on a wall and · The power adapters are intended to be correctly then use a pencil to mark the top and the oriented in a vertical or floor mount position. The bottom holes as shown. Remove the wall prongs are not designed to hold the plug in place mount bracket and drill two holes in the if they are plugged into a ceiling, under-the-table
- wall (7/32 inch drill bit). or cabinet outlet • Make sure the parent unit, the baby unit and the power adapter cords are out of reach of children



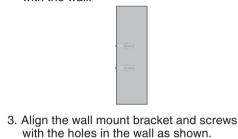
Check for reception strength and camera angle

mount the baby unit on a wall.

before drilling the holes.

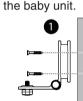
2. If you drill the holes into a stud, go to

If you drill the holes into an object other than a stud, insert the wall anchors into the holes. Tap gently on the ends with a hammer until the wall anchors are flush with the wall.



so that the wall mount bracket position is fixed. You can tighten the other screw in

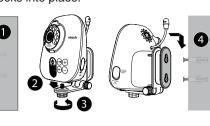
Tighten the screw in the middle hole first





Insert the screws into the holes and tighten the screws until only 1/4 inch of the screws are exposed

Place the baby unit on the wall mount bracket. Tighten the screw into the threaded socket at the bottom to secure the baby unit. Align the holes on the wall mount bracket with the screws on the wall and slide the wall mount bracket down until it locks into place.



5. The default angle of the wall mount bracket is 90 degrees. You can maximize your baby unit's viewing angles by tilting the wall mount bracket. Hold the baby unit, and then rotate the knob in anticlockwise direction. This will loosen the joint of the wall mount bracket. Tilt vour baby unit up or down to adjust to your preferred angle. Then, rotate the knob in clockwise direction to tighten the joint and secure the

6. You can also maximize your baby unit's viewing angles by tilting the lens. Hold the top of the lid, and then tilt it up or down to adjust to your preferred angle



Connect the parent unit and charge its battery

⊘NOTE

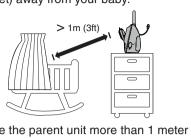
• This baby monitor is intended as an aid. It is not a substitute for proper adult supervision, and should not be used as such

Test your baby monitoı

fore use

You may test the baby monitor before initial

1. Place the baby unit more than 1 meter (3 feet) away from your baby. · For hearing protection, make sure the parent unit is



(3 feet) away from the baby unit.



- baby unit. Speak towards the microphone of the
- baby unit. You will hear the sound at the parent unit. If you have more than one baby unit, press view on the parent unit. The screen

• When the parent unit displays No link to CAM # (#

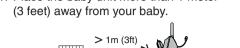
step 2.

represents the selected baby unit number), then Waiting for linking ... and Υ , 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.

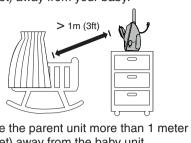
 Increase the speaker volume of the parent unit if you cannot hear the sounds transmitted from the baby units.

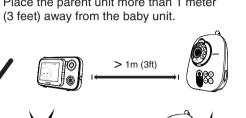
· To avoid interference from other electronic devices, place your baby monitor far away from devices such as wireless routers, microwaves cell phones and computers use, and at regular times thereafter.

baby's crib or playpen.



Positioning the baby monitor





- The default volume of your parent unit is level 4
 - Make sure your baby units and parent unit are more than 1 meter (3 feet) apart, OR

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 interferences such as walls, doors and other

High sensitivity level

The parent unit speak

Medium low sensitive

The parent unit spea

er turns on for crying

your baby. It remains

quiet when your baby

makes soft sounds.

Low sensitivity level

sensitivity The parent unit speake

itv level

Camera Infrared LEDs Backup light for night vision **心 On/off** Press and hold to turn on or off. Microphone ►/■ (Play/stop) Press to play lullabies Press again to stop playing lullabies + (Volume up) Press to increase the listening

Light sensor

Turn on or off the sound activation

volume.

Power jack

If the parent unit screen is turned off manually, sound activation triggers the paren unit screen to turn on automatically whenever your baby unit detects a sound. When no sound is detected within 50 seconds, the screen will be off automatically to save power

1. Press **MENU** when the parent unit is idle. 2. Press ▼ or ▲ to choose **SOUND-**

SELECT or ▶.

 If the sound sensitivity is set to Level 5, the bab unit will be very sensitive and detect any sounds

sound-activated screen feature to work properly

You can choose to monitor in CAM X, Split

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

this mode.

multiple baby unit images in a maximum of four in one screen.

> display images from different baby units in every 7 seconds. You may change to view images from different baby units

ACTIVATED SCREEN, then press turns on for soft bab-

3. Press ▼ or ▲ to choose **On** or **Off**, then

· The parent unit will turn on only if the sounds detected are from the last viewed camera

including background noises. These background

Monitoring mode

one baby units in your system. The monitoring mode is preset to CAM 1.

CAM or **Patrol Mode**.

different baby units by pressing VIEW in

• Patrol Mode - The parent unit patrols to

even though the scanning period is not expired by pressing VIEW in this mode.

2. Press ▼ or ▲ to choose MONITORING MODE, then press SELECT or ▶.

3. Press ▼ or ▲ to choose CAM X, Split

• CAM X - The parent unit only displays

You may change to view images from

• Split CAM - The parent unit displays

the desired baby unit or all baby units, press ▼ or ▲ to choose ALL CAM or

confirm your selection.

PNOTE

· To enter the sensitivity menu of the parent unit, the baby units must be turned on.

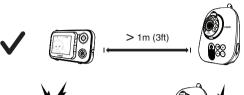
Keep the baby unit out of the reach of your baby. Never place or mount the baby unit inside the

Camera angle adjustment tab

Tilt to adjust camera angle.

Baby unit overview

2. Place the parent unit more than 1 meter





from your baby monitor while positioning: Turn down the volume of your parent unit.

operating range may vary depending on the environmental conditions and other obstructions.

The screen display language is preset to English.

(LANGUE if French is set, or IDIOMA if

Turn on or off the parent unit

still hear sound from the baby unit.

You can change the speaker volume from **Volume 1** to **Volume 7**, or turn it off. The speaker volume is preset to **Volume 4**. When the speaker volume is set to off, X

unit is not in use. **⊘**NOTE

• In Split CAM mode, you cannot adjust the speaker volume.

speaker volume.

the baby unit. The $oldsymbol{\Theta}$ light turns on.

turn off the baby unit. The \circlearrowleft light turns off. Power on or off the parent unit

cameras. There are sounds detected from the

iewing in multi-CAM Temperature The temperature detecte too low at CAM from the selected baby

		stated baby unit batteries need to be changed. It will be powered off after 30 seconds automaticall
	Battery low at Parent Unit	The battery level of the parent unit is very low an needs to be recharged.
	Battery empty at	When the battery level of

unit falls outside of the desired temperature range.

Vibration You can turn on the vibration alert so that the parent unit vibrates when t receives Low battery tone. No link alert, Sound alert in split-

You can turn on the temperature

alert feature so that the parent



Automatically turns on the parent unit screen when a baby unit detects a sound after the screen is turned off. When no sound is

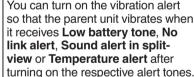


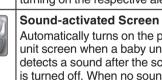
	stated baby unit batterie need to be changed. It will be powered off after 30 seconds automatical
Battery low at Parent Unit	The battery level of the parent unit is very low ar needs to be recharged.
Battery empty at Parent Unit	When the battery level of

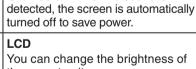
CAM #	powered by batteries, the stated baby unit batteries need to be changed. It will be powered off after 30 seconds automatically.
Battery low at Parent Unit	The battery level of the parent unit is very low and needs to be recharged.

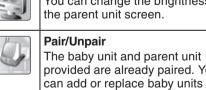
Parent unit display messages

No link to CAM The selected camera slo is not linked to the parent









		need to be changed. It will be powered off after 30 seconds automatically	
	Battery low at Parent Unit	The battery level of the parent unit is very low an needs to be recharged.	
	Battery empty at	When the battery level of	

Only one camera View switching

> Sound detected at CAM # selected baby unit while

and the links are lost. Waiting for linking... displays for 10 seconds

sing the baby monitor Power on or off the baby unit

• Press and hold \odot for 2 seconds again to

 Press and hold O for 2 seconds to turn on the parent unit. The screen turns on.

turn off the parent unit. The screen turns off.

unit is below the set ninimum temperature The temperature detecte too high at CAM | from the selected baby unit is above the set

maximum temperature. The link between the parent unit and the selected baby unit is lost, or the selected baby unit is out of range, or the

multiple paired baby units

• Press and hold \odot for 2 seconds again to

You can turn on or off the parent unit screen without powering off the parent unit. You can

Press and hold (VIEW) for 2 seconds to turn off the screen

For parent unit:

For baby unit:

• Press + or - on the baby unit to adjust the

or Spanish) to be used in all screen displays.

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

3. Press ▼ or ▲ to choose English, Français or Español, then press SELECT to confirm your selection. You hear a confirmation

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.

unit is in detecting sounds for transmitting to the parent unit. The sound sensitivity level is preset to Level 3.

Sound sensitivity table for reference Sensitivity Description

High

is constantly on, and you will hear all sounds (including background noises) from your baby's

Medium high sensitive The parent unit speake

bling and louder sounds from your baby. It repress SELECT to confirm your selection.

mains quiet when you You hear a confirmation tone. baby sleeps soundly. Medium sensitivity

noises may disrupt the silence and prevent the

CAM or Patrol Mode if there are more than

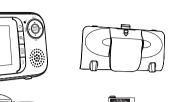
image of the corresponding baby unit

2. Press ▼ or ▲ to choose **Sensitivity**, then

CAM #, then press **SELECT** or **▶**. 3. Press ▼ or ▲ to choose the desired sensitivity level, then press **SELECT** to

only one baby unit.

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.vtechcanada.com.







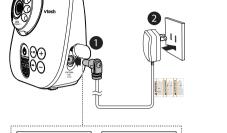


1 set for VM321 2 sets for VM321-2

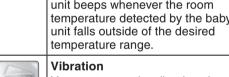
· If the baby unit will not be used for a long time

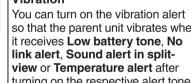
Replace the parent unit battery

compartment, then follow the steps above to



the top hole. Place the baby unit on the wall mount bracket. Tighten the screw into the threaded socket at the bottom to secure







can add or replace baby units

Battery low at When the baby unit is

provided are already paired. You (VM301, purchased separately) to vour baby monitor system.

linking...

When you have only one paired baby unit and the link is lost, or you have

Press and hold \odot for 2 seconds to turn on

Press any key to turn on the screen again

appears briefly and the 록 light turns on. Press ▲/VOL+ or ▼/VOL− when the parent

You can change the speaker volume from **Level 1** to **Level 5**. The preset volume is Level 3. Changing the speaker volume also

more than 1 meter (3 feet) away from both When you have connected the parent unit and

time, turn the parent unit off while charging.

sensitivity level you set, your actual use and the

The standby time varies depending on the

status

No battery

is installed

but operates

The battery

has very little

power, or the | without

been installed | (at least

battery has | Interruption

incorrectly. 30 minutes)

charge and interruption

may be used | (about

The battery is | To keep

fully charged. | the battery

using AC

age of the battery.

Battery indicators

The battery

The screen

Battery low

Unit and เ□. I for only a

The **light** short time.

at Parent

flashes.

becomes

The battery

icon is off

and -□=

displays.

baby units. If you hear any high-pitched installed its battery for the first time, press $oldsymbol{\Theta}$ noise, move the parent unit further until the for 2 seconds to turn it on. The battery icon noise stops. You can also press **▼/VOL-** on indicates the battery status (see the following the parent unit to lower or mute the noise

The parent unit battery is fully charged after

Action

Install the

l battery.

Charge

withou^r

30 minutes)

charged

connect it to

AC power

l when not ir

parent unit

> 1m (3ft)

. Make sure your baby units and parent unit 2. The parent unit displays images from the

If you experience high-pitched screeching noise switches to other baby units. Then, repeat

Set the language You can select a language (English, French

Spanish is set), then press **SELECT** or **▶**.

2. Press ▼ or ▲ to choose LCD **BRIGHTNESS**, then press **SELECT** or **▶**. Press SELECT again to choose Brightness

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 from **Level 1** to **Level 5**. The higher the sensitivity level, the more sensitive the baby

turns on for loud Level 3 babbling and louder sounds from your bab It remains quiet when your baby makes soft

Level 5

Level 4

4. Press ▼ or ▲ to choose the desired level of brightness, then press **SELECT** to confirm Adjust the sound sensitivity of the baby unit

The parent unit speaker turns on for loud cryind or screeching sounds Level 1 from your baby. It Low remains quiet when sensitivity your baby makes soft sounds.

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

press **SELECT** or **\rightarrow**. • If you have more than one baby unit, the system prompts you to choose

Press to enter the menu. While in a menu, press to choose an item, or save a setting. While in a menu, press to select an

While viewing in @ mode, press to move rightward. While viewing in multi-CAM mode, press to move right or left to highlight a desired camera.







While in a menu, press to scroll down While viewing in

mode, press to move downward.

> During patrol mode or single-CAM mode, press repeatedly to view an individual camera. During multi-CAM mode, press to enlarge a desired camera temporarily. Press and hold to turn off the screen, or press to turn it on.

14 Antenna

16 Stand

15 | Power jack

While viewing in multi-CAM mode, press to scroll up or down to highlight a desired camera.

Parent unit lights **LINK** • On when strong signal strength is

selected baby unit.

To listen to sounds transmitted from the baby units. While viewing single-CAM mode, press and hold to talk to the

Press to decrease the speaker On/off On in red when the baby unit is

 Flashes in red when the baby unit battery is low Flashes alternately in red and green when the baby unit is in pairing mode.

detected between the parent unit

and the selected baby unit.

On when the parent unit is

battery is charging.

TALK • On when the parent unit is talking

On when the parent unit is in

On when the speaker volume of

the selected baby unit is turned

is installed.

to the baby unit.

multi-CAM mode.

connected to AC power, or the

Flashes when the parent unit

battery is low and needs charging

Off when the parent unit battery is

fully charged, or when no battery

Flashes when the parent unit

powered by batteries.

On in green when the baby

· On in orange when the baby

unit is powered by AC power.

unit is not paired to the parent

cannot link to the selected baby Temperature alert Displays when the temperature • Off when the parent unit is turned alert is set on. °**F** or Real-time temperature

Displays the real-time temperature detected by the baby unit in Fahrenheit (°F) or Celcius (°C)(e.g. **57** °F or **14** °C). Sound level indicators Displays the sound level according to the scales of loudness when there is sound

Displays the speaker volume

baby unit that is being viewed

Displays the highlighted baby

unit when in multi-CAM mode.

when in single-CAM mode.

level while adjusting.

Speaker volume

CAM 2 or • Displays the number of the

CAM 1 or Current view status

CAM 3 or

CAM 4

Displays when a lullaby is playing at the selected baby

zoomed in

transmitted from the baby units.

Parent unit main menu icons You can select a language (English, French or Spanish) to be

and the baby unit is lost. Monitorina You can choose to monitor in CAM X, Split CAM or Patrol Mode if there are more than one baby units In your system. The monitoring mode is preset to **CAM 1**.

Sensitivity With this feature, you can choose

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 bab unit. The higher the sensitivity level, the more sensitive the baby unit is in detecting sounds for transmitting to the parent unit.

to hear sounds from the baby unit

animates when the battery is

displays when the battery is

- displays when no battery is

installed but operates using AC

power, or the battery has been

low and needs charging.

installed incorrectly.

used in all screen displays.

battery condition:

You can set the parent unit to been

the parent unit operates in low

The link between the parent unit

Alert Tone

displays solid when the battery

charging..

is fully charged.

You can change the brightness of

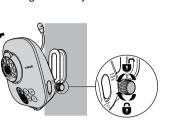
depleted, it needs to be recharged. The parent unit will be powered off after 10 seconds.

selected camera slot is

'ou trv to view in multi only one paired baby unit

represents the selected baby unit number.

12 hours of continuous charging. It takes longer to charge the battery when the parent unit is turned on. To shorten the charging



The battery is empty and Powering off ... the parent unit is turning

CAM mode but you have

Adjust speaker volume

and then the screen turns

changes the lullaby playback volume.

4. Press **SELECT** to confirm your selection.

Monitoring mode is not applicable when there is

You can zoom in or out while viewing image

from baby unit in CAM X or Patrol mode.

image upward, downward, leftward or

rightward correspondingly

- you press and hold TALK. Press

 to zoom in. · Lullaby playback is paused when the parent unit is talking the baby unit. Lullaby playback resumes Press ▲. ▼. ◀ or ▶ to move the zoomed
- Press ⊕ again to zoom out. Set alert tone

This zoom feature is not applicable in Split CAM

You can change the screen to view images from different baby units, or you can turn off

To view different baby units while in CAM X:

Press VIEW repeatedly to switch to the desired baby units. The switching is in chronological order: CAM 1 to CAM 4.

To view different baby units while in Split CAM: Press VIEW to enlarge the desired baby units.

The **Split CAM** mode resumes after a while. To view different baby units while in Patrol mode: Press VIEW repeatedly to switch to the desired

baby units even if the scanning period on a particular baby unit is not expired. The switching is in chronological order: CAM 1 to CAM 4.

⊘NOTE If the switching fails, the screen displays Waiting for linking.... Make sure the baby unit turns on. Try the switching again

You can broadcast messages from the parent unit to any one of the baby units.

1. Press VIEW to choose a desired baby unit.

2. Press and hold TALK when the parent unit is viewing particular baby unit. Speak towards the **Microphone** on the parent unit. The **TALK** light is on when the voice connection to the baby unit is made. Your voice is broadcast to the baby unit Release the TALK key to stop the

broadcast. The **TALK** light goes off

Low battery tone

You can set the parent unit to beep when the parent unit operates in low battery condition The low battery tone alert is preset to **On**

- 1. Press **MENU** when the parent unit is idle. 2. Press ▼ or ▲ to choose ALERT TONE, then press **SELECT** or **▶**.
- 3. Press **SELECT** or ▶ again to choose Low Battery Tone. 4. Press ▼ or ▲ to choose On or Off, then
- press **SELECT** to confirm your selection. The low battery tone alert only works while

viewing that particular baby unit in single-CAM

No link alert

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

1. Press **MENU** when the parent unit is idle. 2. Press ▼ or ▲ to choose ALERT TONE,

The no link tone alert is preset to **On**

mode or in multi-CAM mode

- then press **SELECT** or ▶. 3. Press ▼ or ▲ to choose No Link Alert, then
- press **SELECT** or ▶. 4. Press ▼ or ▲ to choose **On** or **Off**, then press **SELECT** to confirm your selection.
- The no link alert only works while viewing that particular baby unit in single-CAM mode or in multi-CAM 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 out of the preset temperature range, the parent unit will display an alert message

• If the speaker volume of the parent unit is set to **OFF**, it will be reset to the default volume after

when the parent unit finishes using the **TALK**

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 minimum temperature is preset to 57 °F

> The maximum temperature can be set between **70** °F (21 °C) and **86** °F (30 °C). The maximum temperature is preset to 85 °F

- 1. Press **MENU** when the parent unit is idle. 2. Press ▼ or ▲ to choose TEMPERATURE.
- then press **SELECT** or **\rightarrow**. Press ▼ or ▲ to choose Minimum of
- Maximum, then press SELECT or ▶ 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** or **▶**. 4. Press ▼ or ▲ 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. The temperature alert is preset to Off 1. Press **MENU** when the parent unit is idle.

- 2. Press ▼ or ▲ to choose TEMPERATURE, then press **SELECT** or ▶.
- 3. Press ▼ or ▲ to choose Alert, then press **SELECT** or **▶**.
- 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** or ▶. 4. Press ▼ or ▲ to choose **On** or **Off**, then press **SELECT** to confirm your selection.
- The temperature alert only works while viewing that particular baby unit in single-CAM mode or in

Set temperature range

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

3. Press ▼ or ▲ to choose Format, then press

Celsius, then press SELECT to confirm

Press ▼ or ▲ to choose Fahrenheit of

- 1. Press **MENU** when the parent unit is idle 2. Press ▼ or ▲ to choose TEMPERATURE,
 - Press ►/■ on the baby unit. To skip to the next lullaby:
 - Press > to skip to the next lullaby.

TALK feature.

Night vision

To stop playing lullables: Press ►/■ on the baby unit to stop.

Vibration

then press **SELECT** or **▶**.

Temperature format

SELECT or ▶.

your selection.

You can set the parent unit to vibrate once whenever there is any sound detected from the baby units after 20 seconds of silence. The vibration setting is preset to **On if** speaker is off. 1. Press **MENU** when the parent unit is idle.

vibrates once whenever the baby units

detect sounds after 20 seconds of silence

- 2. Press ▼ or ▲ to choose VIBRATION, then press **SELECT** or **\rightarrow**.
- 3. Press ▼ or ▲ to choose On if speaker is off, Always on or Off. • On if speaker is off - The parent unit
- while the speaker of the parent unit is turned off. • Always on - The parent unit vibrates
- once whenever the baby units detect sounds after 20 seconds of silence. • Off - The parent unit will not vibrate even if the baby units detect sounds.
- 4. Press **SELECT** to confirm your selection.
- If you set the sensitivity level to Level 5 (Maximum), the baby unit will be very sensitive and detect any sounds including background silence and prevent the vibration feature to work
- If you set the vibration setting to On if speaker off or Always on, the parent unit will vibrate once when you turn the speaker off.

Play Iullabies

There are 5 lullabies to choose from, and the chosen lullaby plays repeatedly. The total duration of lullaby playback is about 20 minutes and it starts from where you stopped To play lullabies:

Lullaby playback is paused when the parent

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 viewe

switched on automatically. The images from

· It is normal if you see a short white glare on your

• When the infrared LEDs are on, the image is in

black and white. This is normal due to externa

interfering factors, like lightings, objects, colors

and backgrounds, the display resolution may var

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

Add new baby unit (VM301)

The baby units and parent unit provided are

units (VM301 purchased separately) to your

For more details, refer to the user's manual

that comes with your VM301 new baby unit

accident, shipping or other physical damage

2. Product that has been damaged due to repair

or cable or antenna systems; or

used for rental purposes); or

systems outside the unit.

How do you get warranty service?

by use with non-VTech accessories; or

liquid intrusion: or

handling, neglect, inundation, fire, water or other

alteration or modification by anyone other than ar

authorized service representative of VTech; or

3. Product to the extent that the problem experienced

is caused by signal conditions, network reliability,

. Product to the extent that the problem is caused

5. Product whose warranty/quality stickers, product

serial number plates or electronic serial numbers

have been removed, altered or rendered illegible:

repair from outside the United States of America

or Canada, or used for commercial or institutiona

poses (including but not limited to Products

7. Product returned without a valid proof of purchase;

8. Charges for installation or set up, adjustment of

customer controls, and installation or repair of

To obtain warranty service, please visit our website

at www.vtechcanada.com or call 1 (800) 267-7377.

user's manual - a check of the Product's controls

Except as provided by applicable law, you assume

and features may save you a service call.

the risk of loss or damage during transit and

transportation and are responsible for delivery of

repaired or replaced Product under this limited

varranty. Transportation, delivery or handling

charges are prepaid. VTech assumes no risk for

andling charges incurred in the transport of the

Product(s) to the service location. VTech will return

damage or loss of the Product in transit. If the Product

failure is not covered by this limited warranty, or proo

repair activity. You must pay for the cost of repair and

return shipping costs for the repair of Products that

What must you return with the Product to get

of purchase does not meet the terms of this limited

you authorize the cost of repair prior to any furthe

are not covered by this limited warranty

warranty service?

warranty, VTech will notify you and will request that

6. Product purchased, used, serviced, or shipped to

already paired. You can add or replace any baby

video and audio monitor system. You can pair a

maximum of four baby units to your parent unit.

parent unit screen as the baby unit is adapting to

this baby unit is in black and white.

the dark environment.

light sources.

detects low light levels, the infrared LEDs are

unit is talking to the baby unit. Lullaby playback

resumes when the parent unit finishes using the

 Avoid putting it near heating appliances and devices that generate electrical noise (for example, motors or

follow these guidelines

DO NOT expose it to direct sunlight or moisture.

 Avoid dropping the product or treating it roughly. Clean with a soft cloth.

neral product care

To keep this product working well and looking good,

• 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.

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.

My video and | Make sure the baby units.

work at all.

audio monitor | parent unit and the batteries are

for a short time.

up to 30 minutes to charge the

Remove the battery and then

install it again. If that still does

purchase new batteries.

I such as walls and doors.

not work, it may be necessary to

Large obstructions may impact the

reception. Try to relocate the baby

units, away from large obstruction

parent unit before it can be used

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.vtechcanada.com or contact 1 (800) 267-7377 for customer service.

or optimum daily performance

charge the parent unit when it is

	not in use.		monitor produces high-pitched noise.	parent unit and the baby units are at least 3 feet away from one another.
	Make sure the power adapters are securely plugged into the outlet	The punit pany sefrom baby I thin too n		
	not controlled by a wall switch.			You may be too close to the baby unit when you press and hold TALK . Make sure the parent unit and the baby units are at least 3 feet away from one another.
	Make sure the adapter cords are plugged firmly into the baby units and parent unit.			
	Make sure the baby units and the parent unit are turned on.			You may have set the sensitivity level too high. You may need to adjust the sensitivity level to a lowelevel to avoid audio feedback.
	The parent unit may be too far away from the baby units. Move			
	the parent unit closer to the baby units (but not less than 3 feet).		The parent unit plays	You may have set the sensitivity level to Level 5 (Maximum). If yo do so, the baby unit will transmit any sounds detected to the paren unit. You may need to adjust the sensitivity level to a lower level.
	Unplug the electrical power to the baby units and parent unit. Wait for approximately 15 seconds, then plug it back in. Turn on the baby units and the parent unit. Allow up to one minute for the baby units and the parent unit to synchronize.		any sounds from the baby unit and I think it is too noisy.	
				You may need to adjust the speaker volume on the parent uni
			The parent unit does	Make sure the parent unit is powered up by connecting it to AC power or to the rechargeable battery provided.
	Install the correct type of batteries in the baby units and follow the proper polarity orientation between the battery and metallic contacts inside the battery compartment.		not play any sound when there is noise from the baby unit.	
	Charge the battery in the parent unit for up to 12 hours.	,	-	
	If the parent unit battery is			

My video and | Other electronic products may

work at all.

and audio

cause interference with your

nstalling your video and audio

monitor as far away from these

electronic devices as possible

telephones, intercoms, room

cordiess telephones.

nonitors, televisions, personal

video and audio monitor.

not play any wireless routers, radios, cellular computers, kitchen appliances an The parent unit may be too close to the baby units. Make sure the

baby unit.

The parent

Unit and < display on

the parent

The battery

charge in

unit or the

parent unit

not accep

charge.

battery does

Remove the battery and then correct the problem, replace the

Make sure the battery is installed in the parent unit battery compartment correctly. The light on the parent unit should be on when charging.

there is noise Make sure the parent unit is not onitoring in multi-CAM mode. The parent unit may be too far I away from the baby unit. Move the parent unit closer to the baby unit

Make sure the parent unit is turned

on and the speaker volume is not

(but not less than 3 feet). If the parent unit is powered by the rovided battery, make sure there is sufficient charge. Charge the

battery in the parent unit for up to You may have set the sensitivity I level to a very low level. If you d sounds that is too soft or light. You I may need to adjust the sensitivi vel to a higher level.

Large obstructions may impact the reception. Try to relocate the baby unit, away from large obstructions such as walls and doors. Remove the battery and then install it again. Turn on the baby unit and the parent unit. Allow up to one minute for the parent uni

and the baby unit to synchronize Other electronic products ma video and audio monitor. Ti nstalling your video and audio monitor as far away from thes l electronic devices as possible wireless routers, radios, cellula telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and rdless telephones Charge the battery in the parent unit for up to 12 hours.

install it again. Use it until fully parent unit for up to 12 hours. If the above measures do not

nstall it again, then charge for up f the battery icon and the **III** light

The battery

does not

unit is off.

unit or the n the parent unit are not on, ref to The light on the parent battery does not accept charge. f the battery is completely epleted, it may take up to 30 ninutes to charge the parent un pefore it can be used for a short

Remove the battery and then

Purchase a new battery. Refer to Install the parent unit battery and Charge the parent unit he 💳 light | Make sure the parent unit battery on the parent | is installed and charged correctly

e **I** light is off when the

for the parent unit to perform

and the baby units to synchroniz

Other electronic products may

cause interference with your

video and audio monitor. Tr

nstalling your video and audio

electronic devices as possible

elephones, intercoms, room

ordless telephones.

wireless routers, radios, cellular

monitors, televisions, personal

computers, kitchen appliances and

monitor as far away from these

attery is fully charged even if it is Iso powered by AC power Move the parent unit closer to the paby units (but not less than 3 and is not eet). The baby units may be ou of range. If the parent unit is powered by the rovided battery, it may not have

> normally. Charge the battery in the parent unit for up to paby unit to synchronize. Reset the parent unit and the baby units by turning them off and unplugging the electrical power to the parent unit and the baby units Wait for 15 seconds and plug them back in again. Turn on the parent unit and the baby units. Allow up computers, kitchen appliances and o one minute for the parent uni

> > cure for

unit and the

is lost every

then, and I'n

interruptions

parent unit

now and

If the video and audio monitor is not responding normally, try the owing (in the order listed) . Disconnect the power to the baby units and the parent unit 2. Remove the batteries in the baby units and the parent un Then install the

dless telephones.

connecting power back to the baby units and the parent unit.

Wait for the parent unit to synchronize with the baby

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 of

7. 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

- 18. 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 reas can cause electric shock when the product is subsequently used.
- 9. You should test the sound reception every time you turn on the units or move one of the 20. Periodically examine all components for
- public airwaves. Conversations may be picked scanners, etc.

21. Be aware of possible loss of privacy while using

- 23. The product is not intended for use by persons (including children) with reduced physical sensory or mental capabilities, or lack of
- experience and knowledge, unless they have been given supervision or instruction conce use of the appliance by a person responsible fo SAVE THESE INSTRUCTIONS

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

heat such as bright sunshine or fire. Make sure the baby unit(s) and the adapte ord(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.

Never place the baby unit(s) inside the baby's crib

or playpen. Never cover the baby unit(s) or parent

unit with anything such as a towel or a blanket. Other electronic products may cause interference with your baby monitor. Try installing your baby monitor as far away from these electronic devices as possible wireless routers, radios, cellular telephones. intercoms, room monitors, televisions,

personal computers, kitchen appliances and

cordless telephones.

Precautions for users of implanted cardiac

Wireless Technology Research, LLC (WTR), an evaluation of the interference between portable wireless devices and implanted cardia pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that:

from the pacemaker.

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

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

e RBRC® seal

that VTech Communications, Inc. is voluntarily participating in an industry program to collect and ecycle these batteries at the end of their use 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 RBRC® makes it easy for you to drop off the spent battery at local retailers

articipating in the RBRC® program or at authorized oduct 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 rt of its commitment to protecting our environment and conserving natural resources.

Cardiac pacemakers (applies only to digital cordless

independent research entity, led a multidisciplinary

Pacemaker patients

the pacemaker, such as in a breast pocket, when

up by other nursery monitors, cordless phones, Electromagnetic fields (EMF) 22. Children should be supervised to ensure that This VTech product complies with all standards they do not play with the product.

The RBRC® seal on the lithium-ion battery indicates

Use and store the product at a temperature

a heating source. Batteries should not be exposed to excessive

RBRC® and 1 (800) 8 BATTERY® are

registered trademarks of the Rechargeable Battery Recycling

FCC and IC regulations

 Should keep wireless devices at least six inches Should NOT place wireless devices directly over

technician for help. **WARNING:** Changes or modifications to this

1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause indesired operation.

Industry Canada

Operation is subject to the following two conditions (1) this device may not cause harmful interference. and (2) this device must accept any interference including interference that may cause undesired The term "IC:" before the certification/registration

NOTE: This equipment has been tested and found to comply with the requirements for a Class B digita levice under Part 15 of the Federal Communications nission (FCC) rules. These requirements are intended to provide reasonable protection against armful 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 terference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does

ry to correct the interference by one or more of the following measures: · Reorient or relocate the receiving antenna.

equipment off and on, the user is encouraged to

authority to operate the equipment This device complies with Part 15 of the FCC rules.

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 bystande according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The baby unit shall be installed and used such that parts of all persons' body are maintained at a distance of approximately 8 in (20 cm) or more. The transmitter and antenna of the parent unit shall be held at least 1 in (2.5 cm) from

cause harmful interference to radio or television reception, which can be determined by turning the

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

equipment not expressly approved by the party responsible for compliance could void the user's

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

RF radiation exposure statement

Increase the separation between the equipment

This Class B digital apparatus complies with

This device complies with Industry Canada licenceexempt RSS standard(s).

number only signifies that the Industry Canada technical specifications were met.

respect to Canada's Health Code 6 for Exposure of Humans to RF Fields.

Consult the dealer or an experienced radio/TV

defects in materials and workmanship during the limited warranty period ("Materially Defective Product")?

During the limited warranty period, VTech's authorized service representative will repair or replace at VTech's option, without charge a Materially Defective Product. If we repair the Product, we may use new or refurbished replacement parts. If we choose to replace the Product, we may replace it with a new or refurbishe 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 retur the repaired or replacement Products to you in working condition. You should expect the repair or replacement to take approximately 30 days.

his product meets the applicable Innovation What is not covered by this limited warranty? ciense, and Economic Development Canada This limited warranty does not cover: technical specifications. 1. Product that has been subjected to misuse

The baby unit complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The baby unit should be installed and pperated with a minimum distance of 8 in (20 cm between the baby unit and all persons' body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. This transmitter mus not be co-located or operating in conjunction with any other antenna or transmitter. This equipment mplies also with Industry Canada RSS-102 with

nited warrantv

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

What will VTech do if the Product is not free from

How long is the limited warranty period? The limited warranty period for the Product extends for ONE (1) YEAR from the date of purchase. If

. Return the entire original package and contents Tech repairs or replaces a Materially Defective including the Product to the VTech service Product under the terms of this limited warranty. location along with a description of the malfunction this limited warranty also applies to the repaired replacement Product for a period of either (a) 90 days from the date the repaired or replacemen 2. Include a "valid proof of purchase" (sales receipt) oduct is shipped to you or (b) the time remaining identifying the Product purchased (Product model) on the original one-year warranty; whichever is and the date of purchase or receipt; and 3. 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 Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an

unwritten warranty that the Product is fit for ordinary use) are limited to one vear from the date of purchase ome states/provinces do not allow limitations on how long an implied warranty lasts, so the above mitation may not apply to you. In no event shall VTech be liable for any indirect, special, incidental sequential, 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 ovinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Please retain your original sales receipt as proof

Frequency Crystal controlled PLL synthesizer Baby unit: 2402 - 2478.5 MHz Parent unit: 2402 - 2478.5 MHz 2.8" Color LCD (QVGA 320x240 pixel) Maximum power allowed by FCC effective and IC. Actual operating range may vary according to environmenta range conditions at the time of use. Baby unit: 4 x AA alkaline batteries requirements Parent unit: 3.7V Li-polymer battery

frequency Channels 52 LCD

> Baby unit power adapter: Output: 6V DC @ 800mA Parent unit power adapter

> > Output: 6V DC @ 800mA

batteries again. Wait a few minutes before I. Turn on the baby units and the parent unit.

units. Allow up to one minu

for this to take place.

and the parent unit. Allow up to on minute for the parent unit and the Other electronic products may caus interference with your video and audio monitor. Try installing your video and audio monitor as far away from these electronic devices as possible: wireless routers, radios, cellular telephones, intercoms,

Move the parent unit closer to

Reset the parent unit and the

audio monitor. Try installing you

from these electronic devices as

ellular telephones, intercoms,

computers, kitchen appliances and

Move the parent unit closer to the

Reset the parent unit and the

baby unit by turning them off and

unplugging the electrical power to the parent unit and the baby unit.

back in again. Turn on the baby unit

Wait for 15 seconds and plug then

baby unit (but not less than 3 feet

he baby units may be out of range

of range.

the baby unit (but not less than 3

The baby units may be our

hazardous situation

power company.

Use a damp cloth for cleaning. Unplug the power cords before replacing 11. Do not cut off the power adapters to replace them with other plugs, as this causes a

be walked on or crimped

shelf, stand or other unstable surfaces.

Adult setup is required

do not use it next to a bath tub, wash bowl, a wet basement or shower.

Use only the adapters included with this produc Incorrect adapter polarity or voltage can seriously damage the product. Baby unit power adapter: Output: 6V DC 800mA

9. Unplug this product from the wall outlet before ing. Do not use liquid or aerosol cleaners.

12. Do not allow anything to rest on the power cords Do not install this product where the cords may

14. Do not overload wall outlets or use an extension 15. Do not place this product on an unstable table 16 This product should not be placed in any area

Specifications are subject to change without notice.

All rights reserved. 06/16. VM321-X_CA_CIB_V4.0 ocument order number: 91-006302-040-100

precautions should always be followed to reduce the

risk of fire, electric shock and injury, including the

1. Follow all warnings and instructions marked on

When using your equipment, basic safety

This product is intended as an aid. It is not

supervision and should not be used as such.

5. Do not use this product near water. For example kitchen sink, laundry tub or swimming pool, or in **CAUTION:** Use only the batteries indicated in room monitors, televisions, personal this manual. There may be a risk of explosion

if a wrong type of battery is used for the paren unit. Use only the supplied rechargeable batter or replacement battery pack (BT298555) for fire. They may explode. Dispose of used batter according to the information in The RBRC® sea

if it is plugged into a ceiling, under-the-table or

13. 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 loca

© 2016 for VTech Technologies Canada Ltd.

minute for the parent unit and the a substitute for responsible and proper adult

baby unit by turning them off and unplugging the electrical power to e parent unit and the baby unit Wait for 15 seconds and plug their back in again. Turn on the baby unit and the parent unit. Allow up to on

4. This product is not intended for use as a medica Other electronic products may cause interference with your video and video and audio monitor as far away possible: wireless routers, radios,

the parent unit. Do not dispose of batteries in a

Parent unit power adapter: Output: 6V DC 800mA 8. The power adapters are intended to be correct oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in plac