

For product support please call:  
1300 369 193

BM2150

Digital Audio Baby Monitor



# vtech®

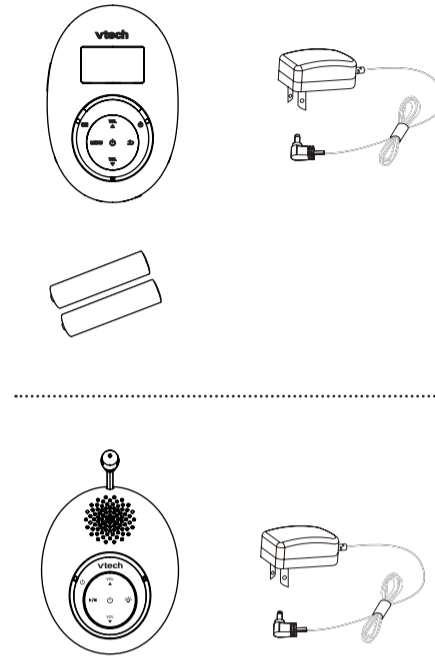
## User's manual

### Congratulations

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

This manual has all the feature operations and troubleshooting necessary to install and operate your new VTech product. Please review this manual thoroughly to ensure proper installation and operation of this innovative and feature rich VTech product.

### What's in the box



### Important safety instructions

When using your equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

- Follow all warnings and instructions marked on the product.
- Adult setup is required.
- This product is intended as an aid. It is not a substitute for responsible and proper adult supervision and should not be used as such.
- This product is not intended for use as a medical monitor.
- Do not use this product near water. For example, do not use it next to a bath tub, wash bowl, kitchen sink, laundry tub or swimming pool, or in a wet basement or shower.
- CAUTION:** Use only the batteries provided. There may be a risk of explosion if a wrong type of battery is used for the parent unit. Do not dispose of batteries in a fire. They may explode.
- Use only the adapters included with this product. Incorrect adapter polarity or voltage can seriously damage the product.  
Baby unit power adapter: Output: 6V DC 450mA  
Parent unit power adapter: Output: 6V DC 450mA.
- The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.
- For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.
- Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
- Unplug the power cords before replacing batteries.
- Do not cut off the power adapters to replace them with other plugs, as this causes a hazardous situation.
- Do not allow anything to rest on the power cords. Do not install this product where the cords may be walked on or crimped.
- This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult your dealer or local power company.
- Do not overload wall outlets or use an extension cord.
- Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
- This product should not be placed in any area where proper ventilation is not provided. Slots and openings in the back or bottom of this product are provided for ventilation. To protect them from overheating, these openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product should never be placed near or over a radiator or heat register.

- Never push objects of any kind into this product through the slots because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.
- To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removing parts of the product other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
- You should test the sound reception every time you turn on the units or move one of the components.
- Periodically examine all components for damage.
- Be aware of possible loss of privacy while using public airwaves. Conversations may be picked up by other nursery monitors, cordless phones, scanners, etc.
- Children should be supervised to ensure that they do not play with the product.
- The product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

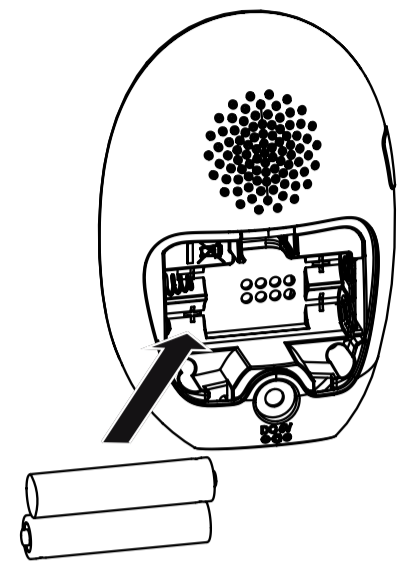
### SAVE THESE INSTRUCTIONS

#### Cautions

- Use and store the product at a temperature between 0°C and 40°C.
- Do not expose the product to extreme cold, heat or direct sunlight. Do not put the product close to a heating source.
- Batteries should not be exposed to excessive heat such as bright sunshine or fire.
- Warning—Strangulation Hazard—** Children have STRANGLED in cords. Keep this cord out of the reach of children (more than 1 metre away).
- Never place the baby unit inside the baby's cot or playpen. Never cover the baby unit 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.

### Install parent unit battery

- Slide open the battery compartment cover.
- Install the supplied rechargeable batteries into the battery compartment, matching the polarity markings (+ and -).
- Slide the battery compartment cover back until it securely clicks into place.

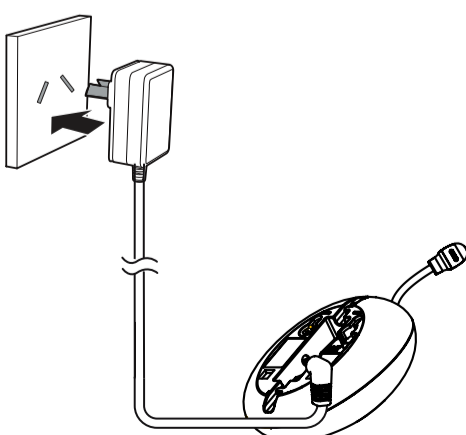
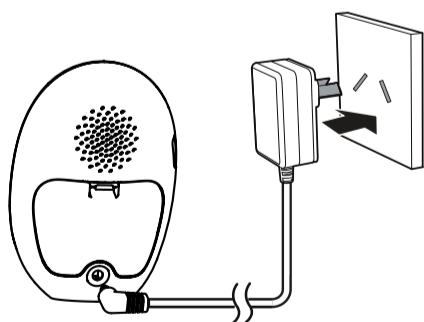


### Connect and charge the battery

#### NOTES

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

### Connect the baby monitor



### Charge the parent unit battery

When you have connected and turned on the parent unit, the battery will be charged automatically. The battery icon indicates the battery status (see the following table).

#### NOTES

- The parent unit battery is fully charged after 12 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 volume level you set and your actual use.

Battery indicators	Battery status	Action
The battery icon  and <b>LOW BATTERY</b> flashes.	The battery has very little charge and may be used for only a short time.	Charge without interruption (about 30 minutes).
The battery icon becomes solid .	The battery is fully charged.	To keep the battery charged, connect it to AC power when not in use.

### Before use

#### NOTE

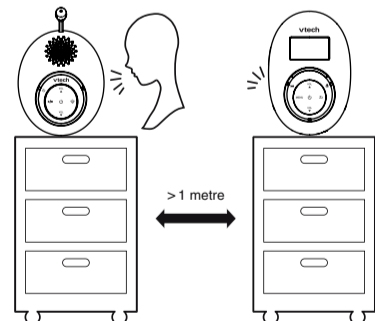
- This baby monitor is intended as an aid. It is not a substitute for proper adult supervision, and should not be used as such.

### Test your baby monitor

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

#### CAUTION

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



- Make sure your baby unit and parent unit are on.
- The parent unit displays images from the baby unit.
  - Speak towards the microphone of the baby unit. You will hear the sound at the parent unit.

#### NOTE

- When the parent unit beeps, move the parent unit closer to the baby units (observe the minimum distance of 1 metre). You can also check if the baby unit is connected to a live power socket and switched on.

#### TIP

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

### Positioning the baby monitor

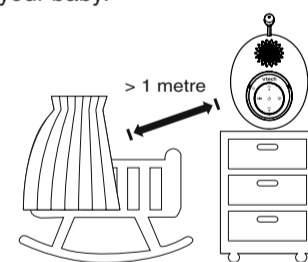
#### CAUTION

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

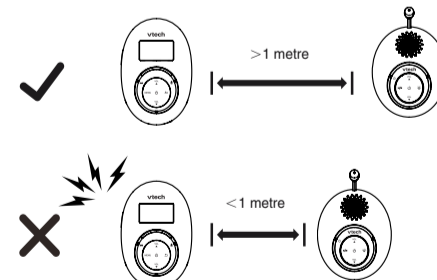
#### NOTE

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

- Place the baby unit more than 1 metre away from your baby.



- Place the parent unit more than 1 metre away from the baby unit.



#### CAUTION

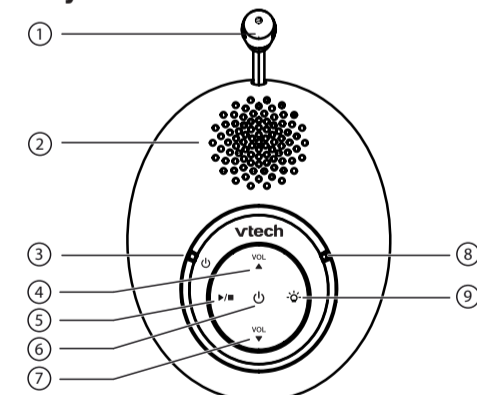
- If you experience high-pitched screeching noise from your baby monitor while positioning:
  - Make sure your baby unit and parent unit are more than 1 metre apart, OR
  - Turn down the volume of your parent unit.

### Operating range

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

### Overview

#### Baby unit overview



#### 1 – Temperature sensor

The baby unit measures the temperature in baby's room and transmits this information to the parent unit. If the detected temperature falls outside the temperature range, the parent unit screen will display **LOW TEMP** (if <10°C) or **HI TEMP** (if >30°C).

#### 2 – Speaker

#### 3 – Power indicator

On when the baby unit is switched on.  
Off when the baby unit is switched off.

#### 4 – ▲

Press to increase the speaker volume.

#### 5 – ▶/■ Play / Stop lullabies

Press and hold to turn the baby unit on or off.

#### 7 – ▼

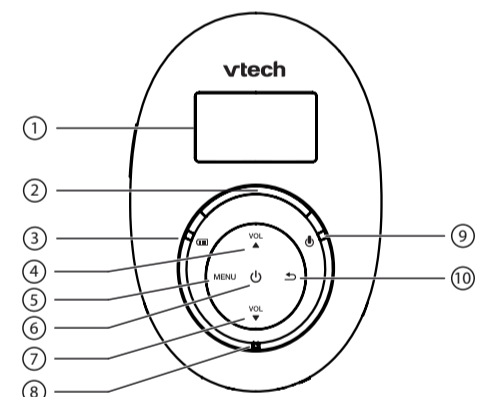
Press to decrease the speaker volume.

#### 8 – Microphone

#### 9 – ☀ Night Light

Press to turn night light on / off.

### Parent unit overview



#### 1 – LCD display

#### 2 – Sensitivity/Sound level indicators

More lights on when a higher sensitivity is set, or when a higher sound level is detected from the baby unit.

#### 3 – Charging Indicator

**VOL**  
▲  
Press to increase the speaker volume.

#### 5 – MENU (Select)

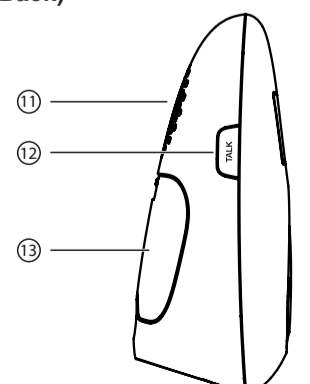
**⏻(On / off)**  
Press and hold to turn on or off.

**VOL**  
▼  
Press to decrease the speaker volume.

#### 8 – Microphone

#### 9 – Power Indicator

#### 10 – ⏪ (Back)



#### 11 – Speakerphone













#### 12 – TALK

Press and hold to talk to the baby unit.

#### 13 – Battery Compartment Cover





## Parent unit status icons



	<b>Connection status</b> <ul style="list-style-type: none"> <li> displays when strong signal strength is detected between the baby unit and the parent unit.</li> <li> displays when moderate signal strength is detected between the baby unit and the parent unit.</li> <li> displays when weak signal strength is detected between the baby unit and the parent unit.</li> <li> flashes when the link between the baby unit and the parent unit is lost.</li> </ul>
	<b>Night light</b> <ul style="list-style-type: none"> <li>Displays when night light is turned on.</li> <li>Displays when night light is turned off.</li> </ul>
	<b>Sound alert</b> <ul style="list-style-type: none"> <li>Displays when the sound alert is set to on.</li> <li>Flashes when the sound alert is triggered.</li> </ul>
	<b>Speaker volume off</b> <ul style="list-style-type: none"> <li>Displays when the speaker is turned off.</li> </ul>
	<b>Battery status</b> <ul style="list-style-type: none"> <li> animates when the battery is charging.</li> <li> displays solid when the battery is fully charged.</li> <li> displays when the battery is low and needs charging.</li> </ul>

## Using the baby monitor



### Power on or off the baby unit

- Press and hold  to turn on the baby unit. The power indicator light turns on.
- Press and hold  to turn off the baby unit. The power indicator light turns off.



### Power on or off the parent unit

- Press and hold  to turn on the parent unit. The power indicator light turns on.
- Press and hold  to turn off the parent unit. The power indicator light turns off.


### Adjust baby unit speaker volume

- Press  or  on the baby unit to adjust the speaker volume.

### Adjust parent unit speaker volume

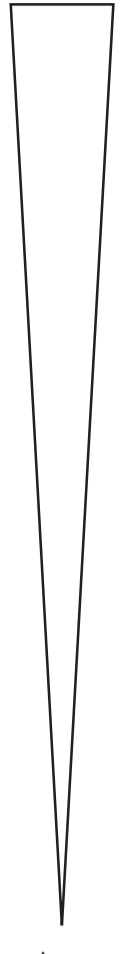
- Press  or  on the parent unit to adjust the speaker volume.



#### NOTE

- When the parent unit speaker volume is set to off,  appears on the screen.

### Adjust the sound sensitivity of the baby unit

You can choose to hear sounds from the baby unit all the time, or to hear sounds that exceed a certain level. You can use the parent unit to adjust the microphone sensitivity of your baby unit. The higher the 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 the highest level (**Level 5**).

Display	Sensitivity	Description
(Level 5)	High Sensitivity	<b>Highest Sound sensitivity level</b> The parent unit speaker is constantly on, and you will hear all sounds (including background noises) from your baby's room.
(Level 4)		<b>High Sound sensitivity level</b> The parent unit speaker turns on for soft babbling and louder sounds from your baby. It remains quiet when your baby sleeps soundly.
(Level 3)		<b>Medium Sound sensitivity level</b> The parent unit speaker turns on for loud babbling and louder sounds from your baby. It remains quiet when your baby makes soft sounds.
(Level 2)		<b>Low Sound sensitivity level</b> The parent unit speaker turns on for crying and louder sounds from your baby. It remains quiet when your baby makes soft sounds.
(Level 1)		<b>Lowest Sound sensitivity level</b> The parent unit speaker turns on for loud crying or screeching sounds from your baby. It remains quiet when your baby makes soft sounds.
	Low Sensitivity	





- Press **MENU** when the parent unit is not in use.
- Press **MENU** to select **SENSITIVITY**.
- Press  or  to choose your desired sound sensitivity, then press **MENU** to confirm your selection. The screen displays **SAVED**. You hear a confirmation tone.

## Play lullaby

There are 5 lullabies to choose from. The selected lullaby plays repeatedly.

### On the parent unit:

#### To change the lullaby to be played:

- Press **MENU** when the parent unit is not in use.
  - Press  or  to scroll to **LULLABY**, then press **MENU**.
  - Press  or  to scroll to your desired lullaby to play or **PLAY ALL**. The screen displays **PLAY**
  - Press **MENU** to confirm your selection. The screen displays **SAVED**. You hear a confirmation tone.
- OR-**  
Press **MENU** to exit the menu. The current setting remains unchanged.

### On the baby unit:

#### To play lullabies:

Press **MENU** to play lullabies.

#### To stop playing lullabies:

Press  again to stop playing lullabies.



#### NOTE

- Lullaby playback is paused when the parent unit is talking to the baby unit. Lullaby playback resumes when the parent unit finishes using the **TALK** feature.

## Set the sound alert

When the parent unit speaker volume is set to off, you can set the parent unit to beep whenever the baby unit detects sounds above the preset threshold volume.



### To set the sound alert:

- Press **MENU** when the parent unit is not in use.
  - Press  or  to scroll to **SOUND ALERT**, then press **MENU**.
  - If the current sound alert setting is **OFF**, the screen displays **ON?** If the current sound alert setting is **ON**, the screen displays **OFF?**
  - Press **MENU** to confirm your selection. The screen displays **SAVED**. You hear a confirmation tone.
- OR-**  
Press **MENU** to exit the menu. The current setting remains unchanged.

## Set the Nightlight


When this feature is turned on, the nightlight on the baby unit gives a soft glow for comfort and allows easy location in the dark.

### To set the Nightlight from the parent unit:

- Press **MENU** when the parent unit is not in use.
  - Press  or  to scroll to **NIGHTLIGHT**, then press **MENU**.
  - If the current nightlight setting is **OFF**, the screen displays **ON?** If the current Nightlight setting is **ON**, the screen displays **OFF?**
  - Press **MENU** to confirm your selection. The screen displays **SAVED**. You hear a confirmation tone.
- OR-**  
Press **MENU** to exit the menu. The current setting remains unchanged.

You can also turn the nightlight on or off from the baby unit.

### To turn the nightlight on or off at the baby unit:



- Press **MENU** to turn nightlight on.
- Press  again to turn nightlight off.


## Storage

When you are not going to use the baby monitor for some time, store the parent unit, the baby unit and the adapters in a cool and dry place.

## Frequently asked questions

Below are the questions most frequently asked about the soother. If you cannot find the answer to your question, please contact TechHelp on 1300 369 193.

Why does the baby monitor not respond normally?	<p>Try the following (in the order listed) for common cure:</p> <ol style="list-style-type: none"> <li>Disconnect the power to the baby unit and the parent unit.</li> <li>Wait a few seconds before connecting power back to the baby unit and the parent unit.</li> <li>Turn on the baby unit and the parent unit.</li> <li>Wait for the parent unit to synchronize with the baby unit. Allow up to one minute for this to take place.</li> </ol>
Why don't the power-on light of the baby unit and parent unit go on when I switch on the units?	<p>Perhaps the parent unit is not connected to the power. Insert the appliance plug into the parent unit and put the adapter in a wall socket. Then, <b>press and hold</b>  to switch on the parent unit and to establish connection with the baby unit.</p> <p>Perhaps the baby unit is not connected to the power. Insert the appliance plug into the baby unit and put the adapter in a wall socket. Then, <b>press and hold</b>  to switch on the baby unit and to establish connection with the parent unit.</p>
Why doesn't my parent unit charge while connected to AC power?	Make sure the power is not controlled by a wall switch.
Why is my screen in black and white?	The screen is in black and white during night-time or in a dark room when the night vision feature is activated. This is normal.

Why do I get glare or blurry display on my screen when viewing my baby at night?	During night-time or in a dark room, the surroundings and other interfering factors, like lightings, objects, colours and backgrounds may affect the image quality on your parent unit screen. Adjust the baby unit's angle or place the baby unit at a higher level to prevent glare and blurry display.
Why does the baby monitor produce a high-pitched noise?	<p>The parent unit and baby unit may be too close to each other.</p> <ul style="list-style-type: none"> <li>Move the parent unit away from the baby unit until the noise stops; OR</li> <li>Turn down the volume of your parent unit.</li> </ul>
Why does the parent unit beep?	<p>The baby unit may be out of range. Move the parent unit closer to the baby unit (but not less than 1 metre).</p> <p>The parent unit may not have enough charge for the parent unit to perform normally. Charge the battery in the parent unit for up to 12 hours.</p> <p>The temperature of your baby's room may be too high or too low.</p>
Why don't I hear a sound/Why can't I hear my baby cry?	The parent unit speaker volume may be too low or off. Press  to increase the volume, or use the parent unit menu to change sound sensitivity level to the highest level (level 5).
Why can't I establish a connection? Why is the connection lost every now and then? Why are there sound interruptions?	<p>The baby unit may be out of range. Move the parent unit closer to the baby unit (but not less than 1 metre).</p> <p>Other electronic products may cause interference with your baby monitor. Try installing your baby monitor as far away from these electronic devices as possible.</p>

## Customer service and product warranty

### IMPORTANT

Please retain this booklet with your sales receipt as proof of the date of purchase.

### Customer Service

If you require assistance in operating this product, please call the TechHelp Information Line on 1300 369 193 or contact VTech by e-mail at: tcpsupport\_au@vtech.com.

### Voluntary Product Enquiry

In addition to your Statutory Rights and subject to the conditions below, VTech warrants that this product will be free from any defect in materials or workmanship under conditions of normal use for a period of 24 months from date of purchase.

VTech does not warrant that the product will be free from defects if defects are caused by an accident, misuse, abuse, improper installation or operation, vermin infestations, lack of reasonable care, unauthorised modification, loss of parts, tampering or attempted repair by a person not authorised by VTech; or where the product has been damaged by lightning or a mains power surge. To make a claim under this Voluntary Product Warranty you must call the TechHelp Information Line on 1300 369 193 or contact VTech by e-mail at: tcpsupport\_au@vtech.com where a Customer Service Representative will inform you of the product return process. You will need to ensure that:

- You provide proof of purchase;
- Your product is suitably packaged (original packaging is not required); and
- You have included all components from the original purchase.

### For your records

Date of purchase:

\_\_\_\_\_

Place of purchase:

\_\_\_\_\_

Serial number:

\_\_\_\_\_

For Voluntary Product Warranty purposes, proof of purchase is required so please keep your receipt.

The benefits conferred by this Voluntary Product Warranty are in addition to other rights and remedies that are available to you under law, which cannot be excluded. The processes for this Voluntary Product Warranty in no way limit your rights which arise as a result of your Statutory Rights.

This Voluntary Product Warranty is given by: VTech Telecommunications (Australia) Pty Ltd ABN 70 136 672 627  
Address: 24 Gilby Road, Mount Waverley 3149

IMPORTANT NOTE: THIS IS NOT A PRODUCT RETURN OR SERVICE ADDRESS – PLEASE CONTACT TECHHELP BY PHONE OR EMAIL FOR PRODUCT AND WARRANTY SUPPORT. NO LIABILITY WILL BE ACCEPTED BY VTECH FOR PRODUCTS RETURNED TO THIS ADDRESS UNDER THIS VOLUNTARY PRODUCT WARRANTY.

Phone number: 1300 369 193

Email address: tcpsupport\_au@vtech.com

### Statutory Rights

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.



## Technical specifications

Frequency control	Crystal controlled PLL synthesizer
Transmit frequency	Baby unit: 2402 - 2478.5 MHz Parent unit: 2402 - 2478.5 MHz
Channels	52
Nominal effective range	Actual operating range may vary according to environmental conditions at the time of use.
Power requirements	<p><b>Baby unit:</b> Input: 100 – 240VAC 50/60Hz 150mA Output: 6VDC 450mA</p> <p><b>Parent unit:</b> Input: 100 – 240VAC 50/60Hz 150mA Output: 6VDC 450mA</p> <p>For pluggable equipment, the socket-outlet (power adaptor) shall be installed near the equipment and shall be easily accessible.</p> <p><b>Battery Information:</b> Parent unit: 2 x 1.2V AAA size 400mAh NIMH</p>

## Reset the baby monitor

You can restore all the adjustable settings back to their original factory settings.

### To reset the baby monitor:

- Press **MENU** when the parent unit is not in use.
  - Press  or  to scroll to **RESET**, then press **MENU**.
  - If the screen displays **CONFIRM?** Press **MENU** to confirm. The screen displays **SAVED**. You hear a confirmation tone.
- OR-**  
Press **MENU** to exit the menu. The current setting remains unchanged.

## Talk to the baby unit

You can broadcast messages from the parent unit to the baby unit.

### To talk to the baby unit:

Press and hold **TALK** on the side of the parent unit. Speak towards the microphone on the parent unit. Your voice is broadcast to the baby unit.

#### NOTES

- If the speaker volume of the parent unit is set to **OFF**, it will be reset to **TALK** default volume after you press and hold **TALK**.
- Lullaby playback is paused when the parent unit is talking to the baby unit. Lullaby playback resumes when the parent unit finishes using the **TALK** feature.

## General product care

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

- Avoid putting it near heating appliances and devices that generate electrical noise (for example, motors or fluorescent lamps).
- DO NOT expose it to direct sunlight or moisture.
- Avoid dropping the product or treating it roughly.
- Clean with a soft cloth.
- DO NOT immerse the parent unit and the baby unit in water and do not clean them under the tap.
- DO NOT use cleaning spray or liquid cleaners.
- Make sure the baby unit and parent unit are dry before you connect them to the mains again.

## Disposal of batteries and product



The crossed-out wheeled bin symbols on products and batteries, or on their respective packaging, indicates they must not be disposed of in domestic waste as they contain substances that can be damaging to the environment and human health.



The chemical symbols Hg, Cd or Pb, where marked, indicate that the battery contains more than the specified value of mercury (Hg), cadmium (Cd) or lead (Pb) set out in Battery Directive (2006/66/EC).



The solid bar indicates that the product was placed on the market after 13th August, 2005.

Help protect the environment by disposing of your product or batteries responsibly.



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